

LPP-NORTH DAKOTA DIVERSION PHASE 4

Fargo-Moorhead Metro Flood Risk Management Project, Feasibility Study, Phase 3, Report for the US Army Corps of Engineers and the cities of Fargo, ND & Moorhead, MN

State Sales Tax Source: <http://www.nd.gov/tax/salesanduse/> 5%. City/County sales tax not included. Not assuming all materials are purchased in Cass County.

Sources: U.S. Department of Labor January 2009, MN Department of Revenue June 2010, 2010 RS Means Heavy Construction Cost Data

Contractor assumptions for the MII estimates are coordinated with the USACE. Contractor assumptions are developed in the estimate to reflect one possible scenario by which the work could be constructed. Other scenarios are certainly possible. These contractor assumptions apply to items in estimate groups 09 Channels & Canals and 11 Levees & Floodwalls. These assumptions do not apply to cost estimate group 08 Roads, Railroads and Bridges, as discussed in Consultant Appendix G narrative text.

The cost estimate assumes the work is performed by a prime general contractor performing management duties, and discipline-specific subcontractors performing work tasks. This arrangement exists once. However, this arrangement and the estimated contractor costs are assumed to be applicable to each 1-year to 2-year phase of the \$200M/year funding scenario utilized, as discussed during the July 1st, 2010 meeting with USACE. A summary of contractor assumptions is included in Consultant Exhibit G-K.

PRIME CONTRACTOR:

Job Office Overhead (JOOH) costs are those that occur specifically as a result of a particular project and include contractor supervision, field engineering, surveying, quality control, testing, shop drawings, safety and security, temporary offices, permits and fees, travel, vehicles, supplies and other miscellaneous items to run a field office. JOOH rates are individualized by contractor. A JOOH of 5% is assumed for the earthwork prime contractor. This is assumed to cover all estimated costs associated with mobilization/demobilization for the prime contractor. This percentage assumes the prime contractor functions as a management company in this estimate and does not incur significant costs to manage the fleet of equipment (rather, this cost is incurred by the subcontractors). Page 5-8 of EPA/COE guidance document EPA 540-R-00-002 indicates 5% for JOOH is appropriate for large projects over \$500,000. A summary of contractor assumptions is included in Consultant Exhibit G-K1.1.

Home Office Overhead (HOOH) is commonly referred to as general and administrative (G & A) cost. Typical estimated costs associated with HOOH are the contractor's main office, furniture and equipment, equipment yard, management and staff, office utilities, corporate vehicles, business insurance and taxes. A HOOH of 5% was used for the prime contractor. Page 5-8 of EPA/COE guidance document EPA 540-R-00-002 indicates 5% for HOOH is appropriate. A summary of contractor assumptions is included in Consultant Exhibit G-K1.1.

Mobilization/demobilization includes all costs required to furnish construction equipment and supplies at the beginning, during and at the end of the Project. The prime contractor is assumed to have no mobilization/demobilization beyond JOOH (0%), as the entity is assumed to be performing a managerial role only. The prime contractor is assumed to not be performing the role of a subcontractor for facilities/components of the Project, and it does not have significant field equipment mobilization needs beyond that covered under JOOH. A summary of contractor assumptions is included in Consultant Exhibit G-K1.1.

Contractor profit is determined using USACE weighted guidelines method (ETL 1110-2-573, Section 5.3.3) to calculate the percentage for prime contractor profit at 9%. Section 5.3 of COE ETL 1110-2-573 identifies a profit range of 3% (for basic work) to 12% (for the most risky work) as appropriate. Exhibit G-K2.1 in Consultant's Appendix G shows weighted guidelines profit calculations performed to help develop the assumed rate.

Estimated by MRM, PKN, ATS - Barr Engineering / JLH - CEMVP
Designed by
Prepared by Barr Engineering Company Job # 34/09-1004 400 100

Preparation Date 6/15/2010
Effective Date of Pricing 6/15/2010
Estimated Construction Time Days

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Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
LPP ND Diversion Phase 4 With Unit Prices				914,547,409.21	940,690,638.73	816,245,732.47	1,187,435,702.99	173,386,285.53	1,360,821,988.52
01 Lands and Damages	1.00	LS		48,200,000.00	48,200,000.00	0.00	48,200,000.00	0.00	48,200,000.00
USR Easements & ROW	1.00	LS		48,200,000.00	48,200,000.00	0.00	48,200,000.00	0.00	48,200,000.00
02 Relocations	1.00	LS	Prime - Management (Excavation - Earth) ND	113,236,712.00	114,213,762.00	116,546,202.00	119,157,665.44	14,740,166.00	133,897,831.44
201 Utilities Relocations	1.00	LS	Subcontractor - Excavation - Earth ND	10,602,000.00	10,602,000.00	12,934,440.00	15,545,903.44	0.00	15,545,903.44
Electric Power	1.00	LS	Subcontractor - Excavation - Earth ND	5,270,000.00	5,270,000.00	6,429,400.00	7,727,495.86	0.00	7,727,495.86
USR 21+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				<i>100.00</i>	<i>100.00</i>	<i>122.00</i>	<i>146.63</i>	<i>0.00%</i>	<i>146.63</i>
USR 164+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47
				<i>66.00</i>	<i>66.00</i>	<i>80.52</i>	<i>96.78</i>	<i>0.00%</i>	<i>96.78</i>
USR 186+00 Minnkota Power Overhead Power Line	5,000.00	LF	Subcontractor - Excavation - Earth ND	100,000.00	100,000.00	122,000.00	146,631.80	0.00	146,631.80
				<i>20.00</i>	<i>20.00</i>	<i>24.40</i>	<i>29.33</i>	<i>0.00%</i>	<i>29.33</i>
USR 285+00 Cass County Electric COOP Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				<i>100.00</i>	<i>100.00</i>	<i>122.00</i>	<i>146.63</i>	<i>0.00%</i>	<i>146.63</i>
USR 548+00 Western Area Power Administration (WAPA) Overhead High Voltage Line	1.00	LS	Subcontractor - Excavation - Earth ND	100,000.00	100,000.00	122,000.00	146,631.80	0.00	146,631.80
USR 556+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47
				<i>66.00</i>	<i>66.00</i>	<i>80.52</i>	<i>96.78</i>	<i>0.00%</i>	<i>96.78</i>
				<i>100.00</i>	<i>100.00</i>	<i>122.00</i>	<i>146.63</i>	<i>0.00%</i>	<i>146.63</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 592+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				20.00	20.00	24.40	29.33	0.00%	29.33
USR 643+00 Minnkota Power Overhead Power Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	0.00	73,315.90
				100.00	100.00	122.00	146.63	0.00%	146.63
USR 704+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				100.00	100.00	122.00	146.63	0.00%	146.63
USR 852+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				66.00	66.00	80.52	96.78	0.00%	96.78
USR 811+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47
				66.00	66.00	80.52	96.78	0.00%	96.78
USR 932+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47
				100.00	100.00	122.00	146.63	0.00%	146.63
USR 916+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
USR 980+00 Western Area Power Administration (WAPA) Overhead High Voltage Line	1.00	LS	Subcontractor - Excavation - Earth ND	125,000.00	125,000.00	152,500.00	183,289.75	0.00	183,289.75
				20.00	20.00	24.40	29.33	0.00%	29.33
USR 982+00 Minnkota Power Overhead Power Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	0.00	73,315.90
				66.00	66.00	80.52	96.78	0.00%	96.78
USR 1080+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 1147+00 Xcel Energy Overhead High Voltage Power Lines	1.00	LS	Subcontractor - Excavation - Earth ND	300,000.00	300,000.00	366,000.00	439,895.40	0.00	439,895.40
USR 1175+00 Western Area Power Administration (WAPA) Overhead High Voltage Line	1.00	LS	Subcontractor - Excavation - Earth ND	125,000.00	125,000.00	152,500.00	183,289.75	0.00	183,289.75
USR 1166+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				<i>100.00</i>	<i>100.00</i>	<i>122.00</i>	<i>146.63</i>	<i>0.00%</i>	<i>146.63</i>
USR 1264+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				<i>100.00</i>	<i>100.00</i>	<i>122.00</i>	<i>146.63</i>	<i>0.00%</i>	<i>146.63</i>
USR 1342+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				<i>100.00</i>	<i>100.00</i>	<i>122.00</i>	<i>146.63</i>	<i>0.00%</i>	<i>146.63</i>
USR 1354+00 Minnkota Power Overhead Power Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	0.00	73,315.90
				<i>20.00</i>	<i>20.00</i>	<i>24.40</i>	<i>29.33</i>	<i>0.00%</i>	<i>29.33</i>
USR 1538+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47
				<i>66.00</i>	<i>66.00</i>	<i>80.52</i>	<i>96.78</i>	<i>0.00%</i>	<i>96.78</i>
USR 1635+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47
				<i>66.00</i>	<i>66.00</i>	<i>80.52</i>	<i>96.78</i>	<i>0.00%</i>	<i>96.78</i>
USR 1770+00 Cass County Electric COOP Overhead Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	165,000.00	165,000.00	201,300.00	241,942.47	0.00	241,942.47
				<i>66.00</i>	<i>66.00</i>	<i>80.52</i>	<i>96.78</i>	<i>0.00%</i>	<i>96.78</i>
USR 1665+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
				<i>100.00</i>	<i>100.00</i>	<i>122.00</i>	<i>146.63</i>	<i>0.00%</i>	<i>146.63</i>
				<i>20.00</i>	<i>20.00</i>	<i>24.40</i>	<i>29.33</i>	<i>0.00%</i>	<i>29.33</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 1776+00 Minnkota Power Overhead Power Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	0.00	73,315.90
USR 1898+00 Cass County Electric COOP Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
USR 1894+00 Cass County Electric COOP Buried Power Lines	2,500.00	LF	Subcontractor - Excavation - Earth ND	250,000.00	250,000.00	305,000.00	366,579.50	0.00	366,579.50
Natural Gas Pipelines	1.00	LS	Subcontractor - Excavation - Earth ND	540,000.00	540,000.00	658,800.00	791,811.72	0.00	791,811.72
USR 861+00 Xcel Energy 6-inch Natural Gas Line	1.00	LS	Subcontractor - Excavation - Earth ND	270,000.00	270,000.00	329,400.00	395,905.86	0.00	395,905.86
USR 1181+00 Xcel Energy 4-inch Natural Gas Line	1.00	LS	Subcontractor - Excavation - Earth ND	270,000.00	270,000.00	329,400.00	395,905.86	0.00	395,905.86
Petroleum Pipelines	1.00	LS	Subcontractor - Excavation - Earth ND	550,000.00	550,000.00	671,000.00	806,474.90	0.00	806,474.90
USR 270+00 Megellan Midstream Partners 6-inch Petro Line	1.00	LS	Subcontractor - Excavation - Earth ND	275,000.00	275,000.00	335,500.00	403,237.45	0.00	403,237.45
USR 1058+00 Nustar Energy 10-inch Petro Pipeline	1.00	LS	Subcontractor - Excavation - Earth ND	275,000.00	275,000.00	335,500.00	403,237.45	0.00	403,237.45
Fiber Optic Lines	1.00	LS	Subcontractor - Excavation - Earth ND	2,910,000.00	2,910,000.00	3,550,200.00	4,266,985.38	0.00	4,266,985.38
USR 598+00 MIDCO Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	400,000.00	400,000.00	488,000.00	586,527.20	0.00	586,527.20
USR 866+00 MIDCO Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	400,000.00	400,000.00	488,000.00	586,527.20	0.00	586,527.20

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 871+00 Dakota Carrier Network Fiber Optic	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 896+00 Dakota Carrier Network Fiber Optic	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 898+00 AT&T Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 903+00 MIDCO Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	160.00 400,000.00	160.00 400,000.00	195.20 488,000.00	234.61 586,527.20	0.00% 0.00	234.61 586,527.20
USR 909+00 Sprint Nextel Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 946+00 AT&T Fiber Optic Line	5,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 110,000.00	20.00 110,000.00	24.40 134,200.00	29.33 161,294.98	0.00% 0.00	29.33 161,294.98
USR 1157+00 Cable One Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 1186+00 Idea One Telecom Group Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 1346+00 MIDCO Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	160.00 400,000.00	160.00 400,000.00	195.20 488,000.00	234.61 586,527.20	0.00% 0.00	234.61 586,527.20
USR 1594+00 MIDCO Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	160.00 400,000.00	160.00 400,000.00	195.20 488,000.00	234.61 586,527.20	0.00% 0.00	234.61 586,527.20

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 1811+00 Red River Telephone Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 1891+00 Sprint Nextel Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 1899+00 MIDCO Fiber Optic Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	160.00 400,000.00	160.00 400,000.00	195.20 488,000.00	234.61 586,527.20	0.00% 0.00	234.61 586,527.20
Water Utilities	1.00	LS	Subcontractor - Excavation - Earth ND	1,132,000.00	1,132,000.00	1,381,040.00	1,659,871.98	0.00	1,659,871.98
80+00 Cass Cty Rural Water - 3-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	54,400.00	54,400.00	66,368.00	79,767.70	0.00	79,767.70
USR 80+00 Cass Cty Rural Water - 3-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 80+00 Cass Cty Rural Water - 3-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,200.00 4,400.00	2,200.00 4,400.00	2,684.00 5,368.00	3,225.90 6,451.80	0.00% 0.00	3,225.90 6,451.80
84+00 Cass Cty Rural Water - 3-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	54,400.00	54,400.00	66,368.00	79,767.70	0.00	79,767.70
USR 84+00 Cass Cty Rural Water - 3-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 84+00 Cass Cty Rural Water - 3-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,200.00 4,400.00	2,200.00 4,400.00	2,684.00 5,368.00	3,225.90 6,451.80	0.00% 0.00	3,225.90 6,451.80
160+00 Cass Cty Rural Water - 1.5-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	44,000.00	44,000.00	53,680.00	64,517.99	0.00	64,517.99

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 160+00 Cass Cty Rural Water - 1.5-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	16.00 40,000.00	16.00 40,000.00	19.52 48,800.00	23.46 58,652.72	0.00% 0.00	23.46 58,652.72
USR 160+00 Cass Cty Rural Water - 1.5-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,000.00 4,000.00	2,000.00 4,000.00	2,440.00 4,880.00	2,932.64 5,865.27	0.00% 0.00	2,932.64 5,865.27
166+00 Cass Cty Rural Water - 2-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	44,000.00	44,000.00	53,680.00	64,517.99	0.00	64,517.99
USR 166+00 Cass Cty Rural Water - 2-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	16.00 40,000.00	16.00 40,000.00	19.52 48,800.00	23.46 58,652.72	0.00% 0.00	23.46 58,652.72
USR 166+00 Cass Cty Rural Water - 2-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,000.00 4,000.00	2,000.00 4,000.00	2,440.00 4,880.00	2,932.64 5,865.27	0.00% 0.00	2,932.64 5,865.27
595+00 Cass Cty Rural Water - 1.5-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	44,000.00	44,000.00	53,680.00	64,517.99	0.00	64,517.99
USR 595+00 Cass Cty Rural Water - 1.5-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	16.00 40,000.00	16.00 40,000.00	19.52 48,800.00	23.46 58,652.72	0.00% 0.00	23.46 58,652.72
USR 595+00 Cass Cty Rural Water - 1.5-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,000.00 4,000.00	2,000.00 4,000.00	2,440.00 4,880.00	2,932.64 5,865.27	0.00% 0.00	2,932.64 5,865.27
711+00 Cass Cty Rural Water - 12-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	131,400.00	131,400.00	160,308.00	192,674.19	0.00	192,674.19
USR 711+00 Cass Cty Rural Water - 12-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	50.00 125,000.00	50.00 125,000.00	61.00 152,500.00	73.32 183,289.75	0.00% 0.00	73.32 183,289.75
USR 711+00 Cass Cty Rural Water - 12-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	3,200.00 6,400.00	3,200.00 6,400.00	3,904.00 7,808.00	4,692.22 9,384.44	0.00% 0.00	4,692.22 9,384.44

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
715+00 Cass Cty Rural Water - 8-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	95,500.00	95,500.00	116,510.00	140,033.37	0.00	140,033.37
				36.00	36.00	43.92	52.79	0.00%	52.79
USR 715+00 Cass Cty Rural Water - 8-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	90,000.00	90,000.00	109,800.00	131,968.62	0.00	131,968.62
				2,750.00	2,750.00	3,355.00	4,032.37	0.00%	4,032.37
USR 715+00 Cass Cty Rural Water - 8-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	5,500.00	5,500.00	6,710.00	8,064.75	0.00	8,064.75
856+00 Cass Cty Rural Water - 6-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	80,000.00	80,000.00	97,600.00	117,305.44	0.00	117,305.44
				30.00	30.00	36.60	43.99	0.00%	43.99
USR 856+00 Cass Cty Rural Water - 6-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	75,000.00	75,000.00	91,500.00	109,973.85	0.00	109,973.85
				2,500.00	2,500.00	3,050.00	3,665.80	0.00%	3,665.80
USR 856+00 Cass Cty Rural Water - 6-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	5,000.00	5,000.00	6,100.00	7,331.59	0.00	7,331.59
1140+00 Cass Cty Rural Water - 6-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	80,000.00	80,000.00	97,600.00	117,305.44	0.00	117,305.44
				30.00	30.00	36.60	43.99	0.00%	43.99
USR 1140+00 Cass Cty Rural Water - 6-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	75,000.00	75,000.00	91,500.00	109,973.85	0.00	109,973.85
				2,500.00	2,500.00	3,050.00	3,665.80	0.00%	3,665.80
USR 1140+00 Cass Cty Rural Water - 6-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	5,000.00	5,000.00	6,100.00	7,331.59	0.00	7,331.59
1222+00 Cass Cty Rural Water - 8-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	95,500.00	95,500.00	116,510.00	140,033.37	0.00	140,033.37
				36.00	36.00	43.92	52.79	0.00%	52.79
USR 1222+00 Cass Cty Rural Water - 8-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	90,000.00	90,000.00	109,800.00	131,968.62	0.00	131,968.62

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 1222+00 Cass Cty Rural Water - 8-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,750.00 5,500.00	2,750.00 5,500.00	3,355.00 6,710.00	4,032.37 8,064.75	0.00% 0.00	4,032.37 8,064.75
1350+00 Cass Cty Rural Water - 6-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	80,000.00	80,000.00	97,600.00	117,305.44	0.00	117,305.44
USR 1350+00 Cass Cty Rural Water - 6-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	30.00 75,000.00	30.00 75,000.00	36.60 91,500.00	43.99 109,973.85	0.00% 0.00	43.99 109,973.85
USR 1350+00 Cass Cty Rural Water - 6-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,500.00 5,000.00	2,500.00 5,000.00	3,050.00 6,100.00	3,665.80 7,331.59	0.00% 0.00	3,665.80 7,331.59
1651+00 Cass Cty Rural Water - 4-inch Line	1.00	LS	Subcontractor - Excavation - Earth ND	64,600.00	64,600.00	78,812.00	94,724.14	0.00	94,724.14
USR 1651+00 Cass Cty Rural Water - 4-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	24.00 60,000.00	24.00 60,000.00	29.28 73,200.00	35.19 87,979.08	0.00% 0.00	35.19 87,979.08
USR 1651+00 Cass Cty Rural Water - 4-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,300.00 4,600.00	2,300.00 4,600.00	2,806.00 5,612.00	3,372.53 6,745.06	0.00% 0.00	3,372.53 6,745.06
1662+00 Cass Cty Rural Water - 4-inch Line	1.00	EA	Subcontractor - Excavation - Earth ND	64,600.00	64,600.00	78,812.00	94,724.14	0.00	94,724.14
USR 1662+00 Cass Cty Rural Water - 4-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	24.00 60,000.00	24.00 60,000.00	29.28 73,200.00	35.19 87,979.08	0.00% 0.00	35.19 87,979.08
USR 1662+00 Cass Cty Rural Water - 4-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,300.00 4,600.00	2,300.00 4,600.00	2,806.00 5,612.00	3,372.53 6,745.06	0.00% 0.00	3,372.53 6,745.06
1770+00 Cass Cty Rural Water - 4-inch Line	1.00	EA	Subcontractor - Excavation - Earth ND	64,600.00	64,600.00	78,812.00	94,724.14	0.00	94,724.14

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 1770+00 Cass Cty Rural Water - 4-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	24.00 60,000.00	24.00 60,000.00	29.28 73,200.00	35.19 87,979.08	0.00% 0.00	35.19 87,979.08
USR 1770+00 Cass Cty Rural Water - 4-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,300.00 4,600.00	2,300.00 4,600.00	2,806.00 5,612.00	3,372.53 6,745.06	0.00% 0.00	3,372.53 6,745.06
1872+00 Cass Cty Rural Water - 6-inch Line	1.00	EA	Subcontractor - Excavation - Earth ND	80,000.00 80,000.00	80,000.00 80,000.00	97,600.00 97,600.00	117,305.44 117,305.44	0.00	117,305.44 117,305.44
USR 1872+00 Cass Cty Rural Water - 6-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	30.00 75,000.00	30.00 75,000.00	36.60 91,500.00	43.99 109,973.85	0.00% 0.00	43.99 109,973.85
USR 1872+00 Cass Cty Rural Water - 6-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,500.00 5,000.00	2,500.00 5,000.00	3,050.00 6,100.00	3,665.80 7,331.59	0.00% 0.00	3,665.80 7,331.59
1877+00 Cass Cty Rural Water - 5-inch Line	1.00	EA	Subcontractor - Excavation - Earth ND	55,000.00 55,000.00	55,000.00 55,000.00	67,100.00 67,100.00	80,647.49 80,647.49	0.00	80,647.49 80,647.49
USR 1877+00 Cass Cty Rural Water - 5-inch Line	2,500.00	LF	Subcontractor - Excavation - Earth ND	20.00 50,000.00	20.00 50,000.00	24.40 61,000.00	29.33 73,315.90	0.00% 0.00	29.33 73,315.90
USR 1877+00 Cass Cty Rural Water - 5-inch Line Tie-in	2.00	EA	Subcontractor - Excavation - Earth ND	2,500.00 5,000.00	2,500.00 5,000.00	3,050.00 6,100.00	3,665.80 7,331.59	0.00% 0.00	3,665.80 7,331.59
Sanitary Sewer	1.00	LS	Subcontractor - Excavation - Earth ND	200,000.00	200,000.00	244,000.00	293,263.60	0.00	293,263.60
USR 1888+00 Fargo 8-inch Sanitary Sewer Line	2,000.00	LF	Subcontractor - Excavation - Earth ND	50.00 100,000.00	50.00 100,000.00	61.00 122,000.00	73.32 146,631.80	0.00% 0.00	73.32 146,631.80
				50.00	50.00	61.00	73.32	0.00%	73.32

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR 1888+50 Fargo 6-inch Sanitary Sewer Line	2,000.00	LF	Subcontractor - Excavation - Earth ND	100,000.00	100,000.00	122,000.00	146,631.80	0.00	146,631.80
202 Roads, Road Raises and Bridges	1.00	LS	Prime - Roads, Railroads and Bridges	102,634,712.00	103,611,762.00	103,611,762.00	103,611,762.00	14,740,166.00	118,351,928.00
20201 Roadway Bridges	1.00	EA	Prime - Roads, Railroads and Bridges	62,620,000.00	62,620,000.00	62,620,000.00	62,620,000.00	6,262,000.00	68,882,000.00
				<i>62,620,000.00</i>	<i>62,620,000.00</i>	<i>62,620,000.00</i>	<i>62,620,000.00</i>		<i>68,882,000.00</i>
2020101 County Road 81 - South	1.00	EA	Prime - Roads, Railroads and Bridges	3,670,000.00	3,670,000.00	3,670,000.00	3,670,000.00	367,000.00	4,037,000.00
				<i>3,670,000.00</i>	<i>3,670,000.00</i>	<i>3,670,000.00</i>	<i>3,670,000.00</i>		<i>4,037,000.00</i>
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,770,000.00	2,770,000.00	2,770,000.00	2,770,000.00	277,000.00	3,047,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	550,000.00	550,000.00	550,000.00	550,000.00	55,000.00	605,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	350,000.00	350,000.00	350,000.00	350,000.00	35,000.00	385,000.00
				<i>3,660,000.00</i>	<i>3,660,000.00</i>	<i>3,660,000.00</i>	<i>3,660,000.00</i>		<i>4,026,000.00</i>
2020102 Interstate 29 (NB-South)	1.00	EA	Prime - Roads, Railroads and Bridges	3,660,000.00	3,660,000.00	3,660,000.00	3,660,000.00	366,000.00	4,026,000.00
				<i>3,660,000.00</i>	<i>3,660,000.00</i>	<i>3,660,000.00</i>	<i>3,660,000.00</i>		<i>4,026,000.00</i>
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,590,000.00	2,590,000.00	2,590,000.00	2,590,000.00	259,000.00	2,849,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	840,000.00	840,000.00	840,000.00	840,000.00	84,000.00	924,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	230,000.00	230,000.00	230,000.00	230,000.00	23,000.00	253,000.00
				<i>3,650,000.00</i>	<i>3,650,000.00</i>	<i>3,650,000.00</i>	<i>3,650,000.00</i>		<i>4,015,000.00</i>
2020103 Interstate 29 (SB-South)	1.00	EA	Prime - Roads, Railroads and Bridges	3,650,000.00	3,650,000.00	3,650,000.00	3,650,000.00	365,000.00	4,015,000.00
				<i>3,650,000.00</i>	<i>3,650,000.00</i>	<i>3,650,000.00</i>	<i>3,650,000.00</i>		<i>4,015,000.00</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,590,000.00	2,590,000.00	2,590,000.00	2,590,000.00	259,000.00	2,849,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	830,000.00	830,000.00	830,000.00	830,000.00	83,000.00	913,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	230,000.00	230,000.00	230,000.00	230,000.00	23,000.00	253,000.00
2020104 48th Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	2,500,000.00	2,500,000.00	2,500,000.00	2,500,000.00	250,000.00	2,750,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	1,720,000.00	1,720,000.00	1,720,000.00	1,720,000.00	172,000.00	1,892,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	460,000.00	460,000.00	460,000.00	460,000.00	46,000.00	506,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	320,000.00	320,000.00	320,000.00	320,000.00	32,000.00	352,000.00
2020105 170th Ave SE	1.00	EA	Prime - Roads, Railroads and Bridges	2,750,000.00	2,750,000.00	2,750,000.00	2,750,000.00	275,000.00	3,025,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,440,000.00	2,440,000.00	2,440,000.00	2,440,000.00	244,000.00	2,684,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	70,000.00	70,000.00	70,000.00	70,000.00	7,000.00	77,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	240,000.00	240,000.00	240,000.00	240,000.00	24,000.00	264,000.00
2020106 46th Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	3,280,000.00	3,280,000.00	3,280,000.00	3,280,000.00	328,000.00	3,608,000.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,960,000.00	2,960,000.00	2,960,000.00	2,960,000.00	296,000.00	3,256,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	70,000.00	70,000.00	70,000.00	70,000.00	7,000.00	77,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	250,000.00	250,000.00	250,000.00	250,000.00	25,000.00	275,000.00
2020107 44th Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	3,010,000.00	3,010,000.00	3,010,000.00	3,010,000.00	301,000.00	3,311,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,670,000.00	2,670,000.00	2,670,000.00	2,670,000.00	267,000.00	2,937,000.00
USR HOUSTON Existing Structure Removal	1.00	LS	Prime - Roads, Railroads and Bridges	20,000.00	20,000.00	20,000.00	20,000.00	2,000.00	22,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	70,000.00	70,000.00	70,000.00	70,000.00	7,000.00	77,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	250,000.00	250,000.00	250,000.00	250,000.00	25,000.00	275,000.00
2020108 41st Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	3,530,000.00	3,530,000.00	3,530,000.00	3,530,000.00	353,000.00	3,883,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	3,080,000.00	3,080,000.00	3,080,000.00	3,080,000.00	308,000.00	3,388,000.00
USR HOUSTON Existing Structure Removal	1.00	LS	Prime - Roads, Railroads and Bridges	20,000.00	20,000.00	20,000.00	20,000.00	2,000.00	22,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	160,000.00	160,000.00	160,000.00	160,000.00	16,000.00	176,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	270,000.00	270,000.00	270,000.00	270,000.00	27,000.00	297,000.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
2020109 Interstate 94 (EB)	1.00	EA	Prime - Roads, Railroads and Bridges	3,690,000.00	3,690,000.00	3,690,000.00	3,690,000.00	369,000.00	4,059,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	3,320,000.00	3,320,000.00	3,320,000.00	3,320,000.00	332,000.00	3,652,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	140,000.00	140,000.00	140,000.00	140,000.00	14,000.00	154,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	230,000.00	230,000.00	230,000.00	230,000.00	23,000.00	253,000.00
2020110 Interstate 94 (WB)	1.00	EA	Prime - Roads, Railroads and Bridges	3,690,000.00	3,690,000.00	3,690,000.00	3,690,000.00	369,000.00	4,059,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	3,320,000.00	3,320,000.00	3,320,000.00	3,320,000.00	332,000.00	3,652,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	140,000.00	140,000.00	140,000.00	140,000.00	14,000.00	154,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	230,000.00	230,000.00	230,000.00	230,000.00	23,000.00	253,000.00
2020111 36th Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	3,310,000.00	3,310,000.00	3,310,000.00	3,310,000.00	331,000.00	3,641,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,920,000.00	2,920,000.00	2,920,000.00	2,920,000.00	292,000.00	3,212,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	130,000.00	130,000.00	130,000.00	130,000.00	13,000.00	143,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	260,000.00	260,000.00	260,000.00	260,000.00	26,000.00	286,000.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
2020112 33rd Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	3,560,000.00	3,560,000.00	3,560,000.00	3,560,000.00	356,000.00	3,916,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	3,080,000.00	3,080,000.00	3,080,000.00	3,080,000.00	308,000.00	3,388,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	200,000.00	200,000.00	200,000.00	200,000.00	20,000.00	220,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	280,000.00	280,000.00	280,000.00	280,000.00	28,000.00	308,000.00
2020113 31st Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	2,890,000.00	2,890,000.00	2,890,000.00	2,890,000.00	289,000.00	3,179,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,360,000.00	2,360,000.00	2,360,000.00	2,360,000.00	236,000.00	2,596,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	240,000.00	240,000.00	240,000.00	240,000.00	24,000.00	264,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	290,000.00	290,000.00	290,000.00	290,000.00	29,000.00	319,000.00
2020114 28th Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	2,840,000.00	2,840,000.00	2,840,000.00	2,840,000.00	284,000.00	3,124,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,270,000.00	2,270,000.00	2,270,000.00	2,270,000.00	227,000.00	2,497,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	280,000.00	280,000.00	280,000.00	280,000.00	28,000.00	308,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	290,000.00	290,000.00	290,000.00	290,000.00	29,000.00	319,000.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
2020115 Interstate 29 (SB-North)	1.00	EA	Prime - Roads, Railroads and Bridges	<i>3,720,000.00</i> 3,720,000.00	<i>3,720,000.00</i> 3,720,000.00	<i>3,720,000.00</i> 3,720,000.00	<i>3,720,000.00</i> 3,720,000.00	372,000.00	<i>4,092,000.00</i> 4,092,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,960,000.00	2,960,000.00	2,960,000.00	2,960,000.00	296,000.00	3,256,000.00
USR HOUSTON Existing Structure Removal	1.00	LS	Prime - Roads, Railroads and Bridges	10,000.00	10,000.00	10,000.00	10,000.00	1,000.00	11,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	520,000.00	520,000.00	520,000.00	520,000.00	52,000.00	572,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	230,000.00	230,000.00	230,000.00	230,000.00	23,000.00	253,000.00
2020116 Interstate 29 (NB-North)	1.00	EA	Prime - Roads, Railroads and Bridges	<i>3,730,000.00</i> 3,730,000.00	<i>3,730,000.00</i> 3,730,000.00	<i>3,730,000.00</i> 3,730,000.00	<i>3,730,000.00</i> 3,730,000.00	373,000.00	<i>4,103,000.00</i> 4,103,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,960,000.00	2,960,000.00	2,960,000.00	2,960,000.00	296,000.00	3,256,000.00
USR HOUSTON Existing Structure Removal	1.00	LS	Prime - Roads, Railroads and Bridges	10,000.00	10,000.00	10,000.00	10,000.00	1,000.00	11,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	530,000.00	530,000.00	530,000.00	530,000.00	53,000.00	583,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	230,000.00	230,000.00	230,000.00	230,000.00	23,000.00	253,000.00
2020117 County Road 81 - North	1.00	EA	Prime - Roads, Railroads and Bridges	<i>3,360,000.00</i> 3,360,000.00	<i>3,360,000.00</i> 3,360,000.00	<i>3,360,000.00</i> 3,360,000.00	<i>3,360,000.00</i> 3,360,000.00	336,000.00	<i>3,696,000.00</i> 3,696,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,680,000.00	2,680,000.00	2,680,000.00	2,680,000.00	268,000.00	2,948,000.00

<u>Description</u>	<u>Quantity</u>	<u>UOM</u>	<u>Contractor</u>	<u>BareCost</u>	<u>DirectCost</u>	<u>CostToPrime</u>	<u>ContractCost</u>	<u>Contingency</u>	<u>ProjectCost</u>
USR HOUSTON Existing Structure Removal	1.00	LS	Prime - Roads, Railroads and Bridges	10,000.00	10,000.00	10,000.00	10,000.00	1,000.00	11,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	360,000.00	360,000.00	360,000.00	360,000.00	36,000.00	396,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	310,000.00	310,000.00	310,000.00	310,000.00	31,000.00	341,000.00
2020118 25th Street SE	1.00	EA	Prime - Roads, Railroads and Bridges	2,900,000.00	2,900,000.00	2,900,000.00	2,900,000.00	290,000.00	3,190,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,260,000.00	2,260,000.00	2,260,000.00	2,260,000.00	226,000.00	2,486,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	340,000.00	340,000.00	340,000.00	340,000.00	34,000.00	374,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	300,000.00	300,000.00	300,000.00	300,000.00	30,000.00	330,000.00
2020119 173rd Ave. SE	1.00	EA	Prime - Roads, Railroads and Bridges	2,880,000.00	2,880,000.00	2,880,000.00	2,880,000.00	288,000.00	3,168,000.00
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	2,200,000.00	2,200,000.00	2,200,000.00	2,200,000.00	220,000.00	2,420,000.00
USR HOUSTON Approach Road Cost	1.00	LS	Prime - Roads, Railroads and Bridges	370,000.00	370,000.00	370,000.00	370,000.00	37,000.00	407,000.00
USR HOUSTON Temporary Bypass Cost	1.00	LS	Prime - Roads, Railroads and Bridges	310,000.00	310,000.00	310,000.00	310,000.00	31,000.00	341,000.00
20202 Road Raises	1.00	EA	Prime - Roads, Railroads and Bridges	39,082,000.00	40,059,050.00	40,059,050.00	40,059,050.00	8,011,810.00	48,070,860.00
2020201 I-29 Road Raise	1.00	LS	Prime - Roads, Railroads and Bridges	24,576,000.00	25,190,400.00	25,190,400.00	25,190,400.00	5,038,080.00	30,228,480.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR I-29 Road Raise	1.00	LS	Prime - Roads, Railroads and Bridges	24,576,000.00	25,190,400.00	25,190,400.00	25,190,400.00	5,038,080.00	30,228,480.00
2020202 Hwy. 75 Road Raise	1.00	LS	Prime - Roads, Railroads and Bridges	13,627,000.00	13,967,675.00	13,967,675.00	13,967,675.00	2,793,535.00	16,761,210.00
USR Hwy. 75 Road Raise	1.00	LS	Prime - Roads, Railroads and Bridges	13,627,000.00	13,967,675.00	13,967,675.00	13,967,675.00	2,793,535.00	16,761,210.00
2020203 Rail Road Road Raise	1.00	LS	Prime - Roads, Railroads and Bridges	879,000.00	900,975.00	900,975.00	900,975.00	180,195.00	1,081,170.00
USR Rail Road Road Raise	1.00	LS	Prime - Roads, Railroads and Bridges	879,000.00	900,975.00	900,975.00	900,975.00	180,195.00	1,081,170.00
20203 Local Road Construction	1.00	LS	Prime - Roads, Railroads and Bridges	932,712.00	932,712.00	932,712.00	932,712.00	466,356.00	1,399,068.00
USR BARR Local Road Construction	1.00	LS	Prime - Roads, Railroads and Bridges	633,712.00	633,712.00	633,712.00	633,712.00	316,856.00	950,568.00
USR Miscellaneous Items	1.00	LS	Prime - Roads, Railroads and Bridges	299,000.00	299,000.00	299,000.00	299,000.00	149,500.00	448,500.00
06 Fish & Wildlife Facilities	1.00	LS	Prime - Management (Excavation - Earth) ND	60,850,522.00	60,850,522.00	60,850,522.00	73,136,242.39	0.00	73,136,242.39
Aquatic Impacts Mitigation	11.72	MI	Prime - Management (Excavation - Earth) ND	32,363,022.00	32,363,022.00	32,363,022.00	38,897,116.14	0.00	38,897,116.14
				<i>2,761,350.00</i>	<i>2,761,350.00</i>	<i>2,761,350.00</i>	<i>3,318,866.57</i>		<i>3,318,866.57</i>
USR Aquisition of Aquatic Mitigation Easments	4,688.00	ACR	Prime - Management (Excavation - Earth) ND	23,440,000.00	23,440,000.00	23,440,000.00	28,172,536.00	0.00%	28,172,536.00
				<i>5,000.00</i>	<i>5,000.00</i>	<i>5,000.00</i>	<i>6,009.50</i>	<i>0.00%</i>	<i>6,009.50</i>
USR Revegation	426.14	ACR	Prime - Management (Excavation - Earth) ND	1,598,022.00	1,598,022.00	1,598,022.00	1,920,662.64	0.00%	1,920,662.64
				<i>3,750.00</i>	<i>3,750.00</i>	<i>3,750.00</i>	<i>4,507.13</i>	<i>0.00%</i>	<i>4,507.13</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR Grading	11.72	MI	Prime - Management (Excavation - Earth) ND	625,000.00 7,325,000.00	625,000.00 7,325,000.00	625,000.00 7,325,000.00	751,187.50 8,803,917.50	0.00% 0.00	751,187.50 8,803,917.50
Fish Bypass Channel Optimization	1.00	LS	Prime - Management (Excavation - Earth) ND	3,000,000.00	3,000,000.00	3,000,000.00	3,605,700.00	0.00	3,605,700.00
USR Fish Bypass Channel Optimization	1.00	LS	Prime - Management (Excavation - Earth) ND	3,000,000.00	3,000,000.00	3,000,000.00	3,605,700.00	0.00	3,605,700.00
Wetlands Impacts Mitigation	840.00	ACR	Prime - Management (Excavation - Earth) ND	11,550,000.00	11,550,000.00	11,550,000.00	13,881,945.00	0.00	13,881,945.00
USR Acquisition of Wetlands Impacts Mitigation Easements	840.00	ACR	Prime - Management (Excavation - Earth) ND	5,000.00 4,200,000.00	5,000.00 4,200,000.00	5,000.00 4,200,000.00	6,009.50 5,047,980.00	0.00% 0.00	6,009.50 5,047,980.00
USR Wetland Seed Mixture	840.00	ACR	Prime - Management (Excavation - Earth) ND	1,125.00 945,000.00	1,125.00 945,000.00	1,125.00 945,000.00	1,352.14 1,135,795.50	0.00% 0.00	1,352.14 1,135,795.50
USR Planting Wetland Seed Mixtutre	840.00	ACR	Prime - Management (Excavation - Earth) ND	1,375.00 1,155,000.00	1,375.00 1,155,000.00	1,375.00 1,155,000.00	1,652.61 1,388,194.50	0.00% 0.00	1,652.61 1,388,194.50
USR Invasive Species Control	840.00	ACR	Prime - Management (Excavation - Earth) ND	6,250.00 5,250,000.00	6,250.00 5,250,000.00	6,250.00 5,250,000.00	7,511.88 6,309,975.00	0.00% 0.00	7,511.88 6,309,975.00
Riparian Forest Impacts Mitigation	300.00	ACR	Prime - Management (Excavation - Earth) ND	3,937,500.00	3,937,500.00	3,937,500.00	4,732,481.25	0.00	4,732,481.25

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR Riparian Forest Impacts Mitigation	300.00	ACR	Prime - Management (Excavation - Earth) ND	5,000.00 1,500,000.00	5,000.00 1,500,000.00	5,000.00 1,500,000.00	6,009.50 1,802,850.00	0.00% 0.00	6,009.50 1,802,850.00
USR Riparian Forest Seedling Purchase & Planting	300.00	ACR	Prime - Management (Excavation - Earth) ND	1,875.00 562,500.00	1,875.00 562,500.00	1,875.00 562,500.00	2,253.56 676,068.75	0.00% 0.00	2,253.56 676,068.75
USR Invasive Species Control	300.00	ACR	Prime - Management (Excavation - Earth) ND	6,250.00 1,875,000.00	6,250.00 1,875,000.00	6,250.00 1,875,000.00	7,511.88 2,253,562.50	0.00% 0.00	7,511.88 2,253,562.50
Adaptive Management	1.00	EA	Prime - Management (Excavation - Earth) ND	10,000,000.00 10,000,000.00	10,000,000.00 10,000,000.00	10,000,000.00 10,000,000.00	12,019,000.00 12,019,000.00	0.00	12,019,000.00 12,019,000.00
USR Adaptive Management	1.00	LS	Prime - Management (Excavation - Earth) ND	10,000,000.00	10,000,000.00	10,000,000.00	12,019,000.00	0.00	12,019,000.00
08 Roads, Railroads and Bridges	1.00	LS	Prime - Roads, Railroads and Bridges	45,503,257.00	46,497,415.15	46,497,415.15	46,497,415.15	13,614,538.44	60,111,953.59
801 Railroad Bridges	1.00	EA	Prime - Roads, Railroads and Bridges	45,503,257.00	46,497,415.15	46,497,415.15	46,497,415.15	13,614,538.44	60,111,953.59
80101 Bridge 1 BNSF Hillsboro Subdivision	1.00	LS	Prime - Roads, Railroads and Bridges	9,305,038.00	9,528,358.90	9,528,358.90	9,528,358.90	3,031,664.07	12,560,022.97
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	3,381,961.00	3,463,128.05	3,463,128.05	3,463,128.05	1,212,094.82	4,675,222.87
USR HOUSTON Tracks/Raise	1.00	LS	Prime - Roads, Railroads and Bridges	5,923,077.00	6,065,230.85	6,065,230.85	6,065,230.85	1,819,569.26	7,884,800.11

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
80102 Bridge 2 BNSF Proper Subdivision	1.00	LS	Prime - Roads, Railroads and Bridges	6,686,937.00	6,847,423.50	6,847,423.50	6,847,423.50	2,240,635.19	9,088,058.69
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	3,640,784.00	3,728,162.80	3,728,162.80	3,728,162.80	1,304,856.98	5,033,019.78
USR HOUSTON Tracks/Raise	1.00	LS	Prime - Roads, Railroads and Bridges	3,046,153.00	3,119,260.70	3,119,260.70	3,119,260.70	935,778.21	4,055,038.91
				<i>19,260,503.00</i>	<i>19,722,755.05</i>	<i>19,722,755.05</i>	<i>19,722,755.05</i>		<i>25,969,965.49</i>
80103 Bridge 3 BNSF KO Subdivision	1.00	EA	Prime - Roads, Railroads and Bridges	19,260,503.00	19,722,755.05	19,722,755.05	19,722,755.05	6,247,210.44	25,969,965.49
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	6,452,811.00	6,607,678.45	6,607,678.45	6,607,678.45	2,312,687.46	8,920,365.91
USR HOUSTON Tracks/Raise	1.00	LS	Prime - Roads, Railroads and Bridges	12,807,692.00	13,115,076.60	13,115,076.60	13,115,076.60	3,934,522.98	17,049,599.58
80104 Bridge 4 RRVW 4th Subdivision	1.00	LS	Prime - Roads, Railroads and Bridges	6,170,779.00	6,318,877.70	6,318,877.70	6,318,877.70	2,095,028.74	8,413,906.44
USR HOUSTON Bridge Cost	1.00	LS	Prime - Roads, Railroads and Bridges	3,893,856.00	3,987,308.55	3,987,308.55	3,987,308.55	1,395,557.99	5,382,866.54
USR HOUSTON Tracks/Raise	1.00	LS	Prime - Roads, Railroads and Bridges	2,276,923.00	2,331,569.15	2,331,569.15	2,331,569.15	699,470.75	3,031,039.90
80105 RR Signal Cost	1.00	LS	Prime - Roads, Railroads and Bridges	4,080,000.00	4,080,000.00	4,080,000.00	4,080,000.00	0.00	4,080,000.00
				<i>4,080,000.00</i>	<i>4,080,000.00</i>	<i>4,080,000.00</i>	<i>4,080,000.00</i>	<i>0.00%</i>	<i>4,080,000.00</i>
USR RR Signal Cost	1.00	EA	Prime - Roads, Railroads and Bridges	4,080,000.00	4,080,000.00	4,080,000.00	4,080,000.00	0.00	4,080,000.00
09 Channels and Canals	1.00	LS	Prime - Management (Excavation - Earth) ND	376,652,663.89	396,931,157.42	486,632,270.85	584,883,326.33	121,375,164.00	706,258,490.32

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901 Diversion Channel	1.00	EA	Subcontractor - Excavation - Earth ND	<i>208,825,573.13</i> 208,825,573.13	<i>217,301,522.39</i> 217,301,522.39	<i>265,107,857.31</i> 265,107,857.31	<i>318,633,133.70</i> 318,633,133.70	63,726,626.74	<i>382,359,760.44</i> 382,359,760.44
90101 Reach 2012	1.00	EA	Subcontractor - Excavation - Earth ND	<i>838,152.41</i> 838,152.41	<i>866,107.70</i> 866,107.70	<i>1,056,651.40</i> 1,056,651.40	<i>1,269,989.32</i> 1,269,989.32	253,997.86	<i>1,523,987.18</i> 1,523,987.18
9010101 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	14,663.18	87,979.08
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	14,663.18	87,979.08
9010102 Clearing and Grubbing	13.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 13,653.62	<i>1,152.69</i> 14,984.97	<i>1,406.28</i> 18,281.66	<i>1,690.21</i> 21,972.72	4,394.54	<i>2,028.25</i> 26,367.27
USR BARR Clearing and Grubbing	13.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 13,653.62	<i>1,152.69</i> 14,984.97	<i>1,406.28</i> 18,281.66	<i>1,690.21</i> 21,972.72	<i>20.00%</i> 4,394.54	<i>2,028.25</i> 26,367.27
9010103 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	<i>22,117.45</i> 22,117.45	<i>23,536.83</i> 23,536.83	<i>28,714.93</i> 28,714.93	<i>34,512.48</i> 34,512.48	6,902.50	<i>41,414.97</i> 41,414.97
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	1,189.00	LF	Subcontractor - Excavation - Earth ND	<i>2.53</i> 3,011.30	<i>3.04</i> 3,619.86	<i>3.71</i> 4,416.23	<i>4.46</i> 5,307.86	<i>20.00%</i> 1,061.57	<i>5.36</i> 6,369.44
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	1,833.00	SY	Subcontractor - Excavation - Earth ND	<i>6.31</i> 11,566.08	<i>6.76</i> 12,391.51	<i>8.25</i> 15,117.64	<i>9.91</i> 18,169.89	<i>20.00%</i> 3,633.98	<i>11.90</i> 21,803.87
USR BARR Temporary Sedimentation Basins	1,733.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.97</i> 5,140.07	<i>2.92</i> 5,065.46	<i>3.57</i> 6,179.86	<i>4.29</i> 7,427.58	<i>20.00%</i> 1,485.52	<i>5.14</i> 8,913.09

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Rock Checks	3.00	EA	Subcontractor - Excavation - Earth ND	800.00 2,400.00	820.00 2,460.00	1,000.40 3,001.20	1,202.38 3,607.14	20.00% 721.43	1,442.86 4,328.57
9010104 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	335,113.31 335,113.31	343,918.16 343,918.16	419,580.16 419,580.16	504,293.39 504,293.39	100,858.68	605,152.07 605,152.07
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	4.00	DAY	Subcontractor - Excavation - Earth ND	909.58 3,638.31	1,046.81 4,187.23	1,277.10 5,108.42	1,534.95 6,139.80	20.00% 1,227.96	1,841.94 7,367.76
USR BARR Temporary Storm Sewer Pipe	19.00	LF	Subcontractor - Excavation - Earth ND	25.00 475.00	25.31 480.94	30.88 586.74	37.12 705.21	20.00% 141.04	44.54 846.25
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	331,000.00	339,250.00	413,885.00	497,448.38	99,489.68	596,938.06
9010105 Strip and Stockpile Topsoil - Channel	8,107.00	BCY	Subcontractor - Excavation - Earth ND	1.32 10,698.06	1.35 10,970.43	1.65 13,383.92	1.98 16,086.13	3,217.23	2.38 19,303.36
USR BARR Topsoil - Channel - Strip	8,107.00	BCY	Subcontractor - Excavation - Earth ND	0.73 5,930.50	0.75 6,067.50	0.91 7,402.35	1.10 8,896.89	20.00% 1,779.38	1.32 10,676.26
USR BARR Topsoil - Channel - Stockpile	8,107.00	BCY	Subcontractor - Excavation - Earth ND	0.59 4,767.56	0.60 4,902.93	0.74 5,981.57	0.89 7,189.25	20.00% 1,437.85	1.06 8,627.10
9010106 Strip and Stockpile Topsoil - Spoil Berm	13,215.00	BCY	Subcontractor - Excavation - Earth ND	0.99 13,060.64	1.02 13,444.90	1.24 16,402.77	1.49 19,714.49	3,942.90	1.79 23,657.39
USR BARR Topsoil - Berms - Strip and Stockpile	13,215.00	BCY	Subcontractor - Excavation - Earth ND	0.99 13,060.64	1.02 13,444.90	1.24 16,402.77	1.49 19,714.49	20.00% 3,942.90	1.79 23,657.39

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010107 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	34,231.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.98</i> 67,813.03	<i>2.05</i> 70,323.39	<i>2.51</i> 85,794.53	<i>3.01</i> 103,116.45	20,623.29	<i>3.61</i> 123,739.74
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	34,231.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 32,616.01	<i>0.98</i> 33,475.41	<i>1.19</i> 40,840.00	<i>1.43</i> 49,085.59	<i>20.00%</i> 9,817.12	<i>1.72</i> 58,902.71
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	34,231.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 22,258.97	<i>0.67</i> 22,839.32	<i>0.81</i> 27,863.96	<i>0.98</i> 33,489.70	<i>20.00%</i> 6,697.94	<i>1.17</i> 40,187.64
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	34,231.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.38</i> 12,938.05	<i>0.41</i> 14,008.66	<i>0.50</i> 17,090.57	<i>0.60</i> 20,541.16	<i>20.00%</i> 4,108.23	<i>0.72</i> 24,649.39
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>7.85</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
9010108 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	67,075.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.30</i> 154,181.85	<i>2.38</i> 159,662.16	<i>2.90</i> 194,787.84	<i>3.49</i> 234,115.50	46,823.10	<i>4.19</i> 280,938.60
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	67,075.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.27</i> 85,213.95	<i>1.30</i> 87,459.24	<i>1.59</i> 106,700.27	<i>1.91</i> 128,243.06	<i>20.00%</i> 25,648.61	<i>2.29</i> 153,891.67
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	67,075.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 43,616.03	<i>0.67</i> 44,753.21	<i>0.81</i> 54,598.91	<i>0.98</i> 65,622.43	<i>20.00%</i> 13,124.49	<i>1.17</i> 78,746.92
				<i>0.38</i>	<i>0.41</i>	<i>0.50</i>	<i>0.60</i>	<i>20.00%</i>	<i>0.72</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	67,075.00	BCY	Subcontractor - Excavation - Earth ND	25,351.86	27,449.71	33,488.65	40,250.01	8,050.00	48,300.01
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
9010109 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.98	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
9010110 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010111 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010112 Temporary Haul Roads	1.00	LS	Subcontractor - Excavation - Earth ND	13,123.15	13,855.98	16,904.29	20,317.27	4,063.45	24,380.72
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	593.00	BCY	Subcontractor - Excavation - Earth ND	7.85 4,656.27	8.24 4,885.97	10.05 5,960.89	12.08 7,164.39	20.00% 1,432.88	14.50 8,597.27
USR BARR Aggregate Base - Class V - Furnish and Install	333.00	ECY	Subcontractor - Excavation - Earth ND	20.82 6,932.65	21.87 7,284.11	26.69 8,886.61	32.07 10,680.82	20.00% 2,136.16	38.49 12,816.98
RSM 312323184600 Hauling, haul road maintenance, includes loading	2.00	DAY	Subcontractor - Excavation - Earth ND	767.12 1,534.23	842.95 1,685.90	1,028.40 2,056.80	1,236.03 2,472.07	20.00% 494.41	1,483.24 2,966.48
9010113 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	2,894.00 2,894.00	2,996.86 2,996.86	3,656.17 3,656.17	4,394.36 4,394.36	878.87	5,273.23 5,273.23
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901011301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.30	2.38	2.90	3.49		4.19
901011302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1,259.00	BCY	Subcontractor - Excavation - Earth ND	2,894.00	2,996.86	3,656.17	4,394.36	878.87	5,273.23
				1.27	1.30	1.59	1.91	20.00%	2.29
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	1,259.00	BCY	Subcontractor - Excavation - Earth ND	1,599.47	1,641.61	2,002.77	2,407.13	481.43	2,888.55
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	1,259.00	BCY	Subcontractor - Excavation - Earth ND	818.67	840.02	1,024.82	1,231.74	246.35	1,478.08
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	1,259.00	BCY	Subcontractor - Excavation - Earth ND	475.86	515.23	628.58	755.49	151.10	906.59
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901011303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.98 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
901011304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	1.53 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	1.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010114 Lower Bank Protection	815.00	CY	Subcontractor - Excavation - Earth ND	<i>91.77</i> 74,795.68	<i>96.37</i> 78,538.22	<i>117.57</i> 95,816.63	<i>141.30</i> 115,162.01	23,032.40	<i>169.56</i> 138,194.41
USR BARR Lower Bank Protection Riprap - Furnish and Install	815.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 63,683.68	<i>82.05</i> 66,870.62	<i>100.10</i> 81,582.16	<i>120.31</i> 98,053.59	<i>20.00%</i> 19,610.72	<i>144.37</i> 117,664.31
USR BARR Lower Bank Protection Geotextile - Furnish and Install	2,778.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 11,112.00	<i>4.20</i> 11,667.60	<i>5.12</i> 14,234.47	<i>6.16</i> 17,108.41	<i>20.00%</i> 3,421.68	<i>7.39</i> 20,530.09
9010115 Low Flow Channel Riprap Protection	38.00	CY	Subcontractor - Excavation - Earth ND	<i>81.72</i> 3,105.30	<i>85.81</i> 3,260.69	<i>104.69</i> 3,978.05	<i>125.82</i> 4,781.21	956.24	<i>150.99</i> 5,737.46
USR BARR Grade Control Riprap - Furnish and Install	38.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 2,969.30	<i>82.05</i> 3,117.89	<i>100.10</i> 3,803.83	<i>120.31</i> 4,571.82	<i>20.00%</i> 914.36	<i>144.37</i> 5,486.19
USR BARR Grade Control Geotextile - Furnish and Install	34.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 136.00	<i>4.20</i> 142.80	<i>5.12</i> 174.22	<i>6.16</i> 209.39	<i>20.00%</i> 41.88	<i>7.39</i> 251.27
9010116 Topsoil Placement - Channel	2,702.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.13</i> 3,049.20	<i>1.16</i> 3,144.07	<i>1.42</i> 3,835.76	<i>1.71</i> 4,610.20	922.04	<i>2.05</i> 5,532.24
USR BARR Topsoil - Channel - Placement from Stockpile	2,702.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.13</i> 3,049.20	<i>1.16</i> 3,144.07	<i>1.42</i> 3,835.76	<i>1.71</i> 4,610.20	<i>20.00%</i> 922.04	<i>2.05</i> 5,532.24
9010117 Topsoil Placement - Spoil Berm	18,620.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.08</i> 20,103.84	<i>1.12</i> 20,826.64	<i>1.36</i> 25,408.51	<i>1.64</i> 30,538.48	6,107.70	<i>1.97</i> 36,646.18
USR BARR Topsoil - Berms - Placement from Stockpile	18,620.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.08</i> 20,103.84	<i>1.12</i> 20,826.64	<i>1.36</i> 25,408.51	<i>1.64</i> 30,538.48	<i>20.00%</i> 6,107.70	<i>1.97</i> 36,646.18

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010118 Dust Control	6.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 3,000.00	<i>500.00</i> 3,000.00	<i>610.00</i> 3,660.00	<i>733.16</i> 4,398.95	879.79	<i>879.79</i> 5,278.74
USR BARR Dust Control	6.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 3,000.00	<i>500.00</i> 3,000.00	<i>610.00</i> 3,660.00	<i>733.16</i> 4,398.95	<i>20.00%</i> 879.79	<i>879.79</i> 5,278.74
9010119 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	<i>10,000.00</i> 10,000.00	<i>10,250.00</i> 10,250.00	<i>12,505.00</i> 12,505.00	<i>15,029.76</i> 15,029.76	3,005.95	<i>18,035.71</i> 18,035.71
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	0.10	MI	Subcontractor - Excavation - Earth ND	<i>100,000.00</i> 10,000.00	<i>102,500.00</i> 10,250.00	<i>125,050.00</i> 12,505.00	<i>150,297.60</i> 15,029.76	<i>20.00%</i> 3,005.95	<i>180,357.11</i> 18,035.71
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.00	MI	Subcontractor - Excavation - Earth ND	<i>200,000.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
9010120 Site Restoration	13.00	ACR	Subcontractor - Excavation - Earth ND	<i>2,622.18</i> 34,088.40	<i>2,750.98</i> 35,762.75	<i>3,356.20</i> 43,630.55	<i>4,033.81</i> 52,439.56	10,487.91	<i>4,840.58</i> 62,927.48
USR BARR Seeding	13.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,272.18</i> 16,538.40	<i>1,393.48</i> 18,115.25	<i>1,700.05</i> 22,100.60	<i>2,043.29</i> 26,562.72	<i>20.00%</i> 5,312.54	<i>2,451.94</i> 31,875.26
USR BARR Straw Mulch and Disk Anchoring	13.00	ACR	Subcontractor - Excavation - Earth ND	<i>400.00</i> 5,200.00	<i>405.00</i> 5,265.00	<i>494.10</i> 6,423.30	<i>593.86</i> 7,720.16	<i>20.00%</i> 1,544.03	<i>712.63</i> 9,264.20
USR BARR Vegetation Establishment and Maintenance	13.00	ACR	Subcontractor - Excavation - Earth ND	<i>950.00</i> 12,350.00	<i>952.50</i> 12,382.50	<i>1,162.05</i> 15,106.65	<i>1,396.67</i> 18,156.68	<i>20.00%</i> 3,631.34	<i>1,676.00</i> 21,788.02
9010121 Snow Removal	23.00	HR	Subcontractor - Excavation - Earth ND	<i>102.39</i> 2,354.88	<i>111.70</i> 2,569.16	<i>136.28</i> 3,134.38	<i>163.79</i> 3,767.21	753.44	<i>196.55</i> 4,520.65

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Snow Removal	23.00	HR	Subcontractor - Excavation - Earth ND	102.39 2,354.88	111.70 2,569.16	136.28 3,134.38	163.79 3,767.21	20.00% 753.44	196.55 4,520.65
9010122 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	5,000.00	5,062.50	6,176.25	7,423.23	1,484.65	8,907.88
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	5,000.00	5,062.50	6,176.25	7,423.23	1,484.65	8,907.88
90102 Reach 2013	1.00	EA	Subcontractor - Excavation - Earth ND	2,399,705.59 2,399,705.59	2,495,582.02 2,495,582.02	3,044,610.07 3,044,610.07	3,659,316.84 3,659,316.84	731,863.37	4,391,180.21 4,391,180.21
9010201 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	14,663.18	87,979.08
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	14,663.18	87,979.08
9010202 Clearing and Grubbing	6.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 6,301.67	1,152.69 6,916.14	1,406.28 8,437.69	1,690.21 10,141.26	2,028.25	2,028.25 12,169.51
USR BARR Clearing and Grubbing	6.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 6,301.67	1,152.69 6,916.14	1,406.28 8,437.69	1,690.21 10,141.26	20.00% 2,028.25	2,028.25 12,169.51
9010203 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	86,344.75 86,344.75	91,662.62 91,662.62	111,828.39 111,828.39	134,406.55 134,406.55	26,881.31	161,287.86 161,287.86
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	4,520.00	LF	Subcontractor - Excavation - Earth ND	2.53 11,447.48	3.04 13,760.94	3.71 16,788.35	4.46 20,177.92	20.00% 4,035.58	5.36 24,213.50
				6.31	6.76	8.25	9.91	20.00%	11.90

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	6,967.00	SY	Subcontractor - Excavation - Earth ND	43,961.21	47,098.55	57,460.24	69,061.46	13,812.29	82,873.75
				2.97	2.92	3.57	4.29	20.00%	5.14
USR BARR Temporary Sedimentation Basins	7,733.00	BCY	Subcontractor - Excavation - Earth ND	22,936.05	22,603.12	27,575.81	33,143.37	6,628.67	39,772.04
				800.00	820.00	1,000.40	1,202.38	20.00%	1,442.86
USR BARR Rock Checks	10.00	EA	Subcontractor - Excavation - Earth ND	8,000.00	8,200.00	10,004.00	12,023.81	2,404.76	14,428.57
				96,353.25	100,571.40	122,697.11	147,469.66		176,963.59
9010204 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	96,353.25	100,571.40	122,697.11	147,469.66	29,493.93	176,963.59
				909.58	1,046.81	1,277.10	1,534.95	20.00%	1,841.94
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	16.00	DAY	Subcontractor - Excavation - Earth ND	14,553.25	16,748.90	20,433.66	24,559.22	4,911.84	29,471.06
				25.00	25.31	30.88	37.12	20.00%	44.54
USR BARR Temporary Storm Sewer Pipe	72.00	LF	Subcontractor - Excavation - Earth ND	1,800.00	1,822.50	2,223.45	2,672.36	534.47	3,206.84
				80,000.00	82,000.00	100,040.00	120,238.08	24,047.62	144,285.69
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	80,000.00	82,000.00	100,040.00	120,238.08	24,047.62	144,285.69
				1.32	1.35	1.65	1.98		2.38
9010205 Strip and Stockpile Topsoil - Channel	38,473.00	BCY	Subcontractor - Excavation - Earth ND	50,769.25	52,061.83	63,515.43	76,339.20	15,267.84	91,607.03
				0.73	0.75	0.91	1.10	20.00%	1.32
USR BARR Topsoil - Channel - Strip	38,473.00	BCY	Subcontractor - Excavation - Earth ND	28,144.07	28,794.25	35,128.99	42,221.53	8,444.31	50,665.84
				0.59	0.60	0.74	0.89	20.00%	1.06
USR BARR Topsoil - Channel - Stockpile	38,473.00	BCY	Subcontractor - Excavation - Earth ND	22,625.18	23,267.58	28,386.44	34,117.67	6,823.53	40,941.20

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010206 Strip and Stockpile Topsoil - Spoil Berm	55,232.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.99</i> 54,586.87	<i>1.02</i> 56,192.85	<i>1.24</i> 68,555.28	<i>1.49</i> 82,396.59	16,479.32	<i>1.79</i> 98,875.91
USR BARR Topsoil - Berms - Strip and Stockpile	55,232.00	BCY	Subcontractor - Excavation - Earth ND	54,586.87	56,192.85	68,555.28	82,396.59	16,479.32	98,875.91
9010207 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	161,848.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.98</i> 320,627.60	<i>2.05</i> 332,496.84	<i>2.51</i> 405,646.14	<i>3.01</i> 487,546.10	97,509.22	<i>3.61</i> 585,055.32
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	161,848.00	BCY	Subcontractor - Excavation - Earth ND	154,212.17	158,275.47	193,096.08	232,082.17	46,416.43	278,498.61
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	161,848.00	BCY	Subcontractor - Excavation - Earth ND	105,242.89	107,986.84	131,743.94	158,343.05	31,668.61	190,011.65
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	161,848.00	BCY	Subcontractor - Excavation - Earth ND	61,172.55	66,234.53	80,806.13	97,120.88	19,424.18	116,545.06
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010208 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	192,083.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.30</i> 441,531.30	<i>2.38</i> 457,225.29	<i>2.90</i> 557,814.86	<i>3.49</i> 670,437.68	134,087.54	<i>4.19</i> 804,525.22
				<i>1.27</i>	<i>1.30</i>	<i>1.59</i>	<i>1.91</i>	<i>20.00%</i>	<i>2.29</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	192,083.00	BCY	Subcontractor - Excavation - Earth ND	244,027.61	250,457.44	305,558.08	367,250.26	73,450.05	440,700.31
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	192,083.00	BCY	Subcontractor - Excavation - Earth ND	124,903.43	128,159.98	156,355.17	187,923.28	37,584.66	225,507.94
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	192,083.00	BCY	Subcontractor - Excavation - Earth ND	72,600.26	78,607.87	95,901.61	115,264.14	23,052.83	138,316.97
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
9010209 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	199,411.00	BCY	Subcontractor - Excavation - Earth ND	591,345.67	614,905.10	750,184.22	901,646.42	180,329.28	1,081,975.70
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	199,411.00	BCY	Subcontractor - Excavation - Earth ND	190,056.55	193,494.92	236,063.80	283,725.08	56,745.02	340,470.10
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	199,411.00	BCY	Subcontractor - Excavation - Earth ND	196,250.63	206,754.10	252,240.00	303,167.26	60,633.45	363,800.71
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	199,411.00	BCY	Subcontractor - Excavation - Earth ND	129,668.51	133,049.30	162,320.15	195,092.59	39,018.52	234,111.10
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	199,411.00	BCY	Subcontractor - Excavation - Earth ND	75,369.97	81,606.78	99,560.27	119,661.49	23,932.30	143,593.78
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010210 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
9010211 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
9010212 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	50,964.27	53,856.31	65,704.70	78,970.47	15,794.09	94,764.57
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	2,252.00	BCY	Subcontractor - Excavation - Earth ND	17,682.82	18,555.16	22,637.29	27,207.76	5,441.55	32,649.31
				20.82	21.87	26.69	32.07	20.00%	38.49
USR BARR Aggregate Base - Class V - Furnish and Install	1,267.00	ECY	Subcontractor - Excavation - Earth ND	26,377.40	27,714.60	33,811.81	40,638.42	8,127.68	48,766.10

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312323184600 Hauling, haul road maintenance, includes loading	9.00	DAY	Subcontractor - Excavation - Earth ND	767.12 6,904.05	842.95 7,586.55	1,028.40 9,255.59	1,236.03 11,124.30	20.00% 2,224.86	1,483.24 13,349.16
9010213 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	14,192.70 14,192.70	14,758.14 14,758.14	18,004.93 18,004.93	21,640.13 21,640.13	4,328.03	25,968.15 25,968.15
901021301 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
901021302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	1.27 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				0.65	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
901021303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	4,786.00	BCY	Subcontractor - Excavation - Earth ND	14,192.70	14,758.14	18,004.93	21,640.13	4,328.03	25,968.15
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	4,786.00	BCY	Subcontractor - Excavation - Earth ND	4,561.49	4,644.01	5,665.69	6,809.60	1,361.92	8,171.51
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	4,786.00	BCY	Subcontractor - Excavation - Earth ND	4,710.15	4,962.24	6,053.93	7,276.22	1,455.24	8,731.47
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	4,786.00	BCY	Subcontractor - Excavation - Earth ND	3,112.13	3,193.27	3,895.79	4,682.36	936.47	5,618.83
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	4,786.00	BCY	Subcontractor - Excavation - Earth ND	1,808.93	1,958.62	2,389.51	2,871.96	574.39	3,446.35
				0.38	0.41	0.50	0.60	20.00%	0.72
901021304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010214 Lower Bank Protection	3,096.00	CY	Subcontractor - Excavation - Earth ND	91.78 284,143.85	96.37 298,361.51	117.57 364,001.04	141.31 437,492.85	87,498.57	169.57 524,991.42
USR BARR Lower Bank Protection Riprap - Furnish and Install	3,096.00	CY	Subcontractor - Excavation - Earth ND	78.14 241,919.85	82.05 254,026.31	100.10 309,912.09	120.31 372,483.34	20.00% 74,496.67	144.37 446,980.01
USR BARR Lower Bank Protection Geotextile - Furnish and Install	10,556.00	SY	Subcontractor - Excavation - Earth ND	4.00 42,224.00	4.20 44,335.20	5.12 54,088.94	6.16 65,009.50	20.00% 13,001.90	7.39 78,011.40
9010215 Low Flow Channel Riprap Protection	145.00	CY	Subcontractor - Excavation - Earth ND	81.75 11,854.23	85.84 12,447.43	104.73 15,185.86	125.88 18,251.89	3,650.38	151.05 21,902.26
USR BARR Grade Control Riprap - Furnish and Install	145.00	CY	Subcontractor - Excavation - Earth ND	78.14 11,330.23	82.05 11,897.23	100.10 14,514.62	120.31 17,445.12	20.00% 3,489.02	144.37 20,934.14
USR BARR Grade Control Geotextile - Furnish and Install	131.00	SY	Subcontractor - Excavation - Earth ND	4.00 524.00	4.20 550.20	5.12 671.24	6.16 806.77	20.00% 161.35	7.39 968.12
9010216 Topsoil Placement - Channel	12,824.00	BCY	Subcontractor - Excavation - Earth ND	1.13 14,471.84	1.16 14,922.10	1.42 18,204.96	1.71 21,880.55	4,376.11	2.05 26,256.66
USR BARR Topsoil - Channel - Placement from Stockpile	12,824.00	BCY	Subcontractor - Excavation - Earth ND	1.13 14,471.84	1.16 14,922.10	1.42 18,204.96	1.71 21,880.55	20.00% 4,376.11	2.05 26,256.66

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010217 Topsoil Placement - Spoil Berm	80,881.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.08</i> 87,326.45	<i>1.12</i> 90,466.16	<i>1.36</i> 110,368.71	<i>1.64</i> 132,652.15	26,530.43	<i>1.97</i> 159,182.58
USR BARR Topsoil - Berms - Placement from Stockpile	80,881.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.08</i> 87,326.45	<i>1.12</i> 90,466.16	<i>1.36</i> 110,368.71	<i>1.64</i> 132,652.15	<i>20.00%</i> 26,530.43	<i>1.97</i> 159,182.58
9010218 Dust Control	24.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 12,000.00	<i>500.00</i> 12,000.00	<i>610.00</i> 14,640.00	<i>733.16</i> 17,595.82	3,519.16	<i>879.79</i> 21,114.98
USR BARR Dust Control	24.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 12,000.00	<i>500.00</i> 12,000.00	<i>610.00</i> 14,640.00	<i>733.16</i> 17,595.82	<i>20.00%</i> 3,519.16	<i>879.79</i> 21,114.98
9010219 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	<i>60,000.00</i> 60,000.00	<i>61,500.00</i> 61,500.00	<i>75,030.00</i> 75,030.00	<i>90,178.56</i> 90,178.56	18,035.71	<i>108,214.27</i> 108,214.27
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	0.40	MI	Subcontractor - Excavation - Earth ND	<i>100,000.00</i> 40,000.00	<i>102,500.00</i> 41,000.00	<i>125,050.00</i> 50,020.00	<i>150,297.60</i> 60,119.04	<i>20.00%</i> 12,023.81	<i>180,357.11</i> 72,142.85
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.10	MI	Subcontractor - Excavation - Earth ND	<i>200,000.00</i> 20,000.00	<i>205,000.00</i> 20,500.00	<i>250,100.00</i> 25,010.00	<i>300,595.19</i> 30,059.52	<i>20.00%</i> 6,011.90	<i>360,714.23</i> 36,071.42
9010220 Site Restoration	58.00	ACR	Subcontractor - Excavation - Earth ND	<i>2,622.18</i> 152,086.70	<i>2,750.98</i> 159,556.88	<i>3,356.20</i> 194,659.40	<i>4,033.81</i> 233,961.13	46,792.23	<i>4,840.58</i> 280,753.36
USR BARR Seeding	58.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,272.18</i> 73,786.70	<i>1,393.48</i> 80,821.88	<i>1,700.05</i> 98,602.70	<i>2,043.29</i> 118,510.58	<i>20.00%</i> 23,702.12	<i>2,451.94</i> 142,212.70
USR BARR Straw Mulch and Disk Anchoring	58.00	ACR	Subcontractor - Excavation - Earth ND	<i>400.00</i> 23,200.00	<i>405.00</i> 23,490.00	<i>494.10</i> 28,657.80	<i>593.86</i> 34,443.81	<i>20.00%</i> 6,888.76	<i>712.63</i> 41,332.57

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Vegetation Establishment and Maintenance	58.00	ACR	Subcontractor - Excavation - Earth ND	950.00 55,100.00	952.50 55,245.00	1,162.05 67,398.90	1,396.67 81,006.74	20.00% 16,201.35	1,676.00 97,208.09
9010221 Snow Removal	86.00	HR	Subcontractor - Excavation - Earth ND	102.39 8,805.19	111.70 9,606.43	136.28 11,719.84	163.79 14,086.08	2,817.22	196.55 16,903.29
USR BARR Snow Removal	86.00	HR	Subcontractor - Excavation - Earth ND	102.39 8,805.19	111.70 9,606.43	136.28 11,719.84	163.79 14,086.08	20.00% 2,817.22	196.55 16,903.29
9010222 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	6,000.00	6,075.00	7,411.50	8,907.88	1,781.58	10,689.46
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	6,000.00	6,075.00	7,411.50	8,907.88	1,781.58	10,689.46
90103 Reach 2014	1.00	EA	Subcontractor - Excavation - Earth ND	17,630,260.03 17,630,260.03	18,338,728.45 18,338,728.45	22,373,248.70 22,373,248.70	26,890,407.62 26,890,407.62	5,378,081.52	32,268,489.14 32,268,489.14
9010301 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	280,000.00	280,000.00	341,600.00	410,569.04	82,113.81	492,682.85
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	280,000.00	280,000.00	341,600.00	410,569.04	82,113.81	492,682.85
9010302 Clearing and Grubbing	47.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 49,363.09	1,152.69 54,176.41	1,406.28 66,095.23	1,690.21 79,439.85	15,887.97	2,028.25 95,327.82
USR BARR Clearing and Grubbing	47.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 49,363.09	1,152.69 54,176.41	1,406.28 66,095.23	1,690.21 79,439.85	20.00% 15,887.97	2,028.25 95,327.82
9010303 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	624,008.37 624,008.37	660,554.20 660,554.20	805,876.12 805,876.12	968,582.51 968,582.51	193,716.50	1,162,299.01 1,162,299.01

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	31,400.00	LF	Subcontractor - Excavation - Earth ND	2.53 79,524.54	3.04 95,595.92	3.71 116,627.02	4.46 140,174.01	20.00% 28,034.80	5.36 168,208.81
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	48,400.00	SY	Subcontractor - Excavation - Earth ND	6.31 305,400.13	6.76 327,195.35	8.25 399,178.33	9.91 479,772.44	20.00% 95,954.49	11.90 575,726.92
USR BARR Temporary Sedimentation Basins	62,267.00	BCY	Subcontractor - Excavation - Earth ND	2.97 184,683.71	2.92 182,002.93	3.57 222,043.57	4.29 266,874.17	20.00% 53,374.83	5.14 320,249.00
USR BARR Rock Checks	68.00	EA	Subcontractor - Excavation - Earth ND	800.00 54,400.00	820.00 55,760.00	1,000.40 68,027.20	1,202.38 81,761.89	20.00% 16,352.38	1,442.86 98,114.27
9010304 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	490,564.30 490,564.30	517,784.69 517,784.69	631,697.32 631,697.32	759,237.01 759,237.01	151,847.40	911,084.41 911,084.41
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	132.00	DAY	Subcontractor - Excavation - Earth ND	909.58 120,064.30	1,046.81 138,178.44	1,277.10 168,577.70	1,534.95 202,613.53	20.00% 40,522.71	1,841.94 243,136.24
USR BARR Temporary Storm Sewer Pipe	500.00	LF	Subcontractor - Excavation - Earth ND	25.00 12,500.00	25.31 12,656.25	30.88 15,440.63	37.12 18,558.09	20.00% 3,711.62	44.54 22,269.70
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	358,000.00	366,950.00	447,679.00	538,065.39	107,613.08	645,678.47
9010305 Strip and Stockpile Topsoil - Channel	269,902.00	BCY	Subcontractor - Excavation - Earth ND	1.32 356,164.65	1.35 365,232.54	1.65 445,583.70	1.98 535,547.05	107,109.41	2.38 642,656.46

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Topsoil - Channel - Strip	269,902.00	BCY	Subcontractor - Excavation - Earth ND	0.73 197,440.83	0.75 202,002.08	0.91 246,442.54	1.10 296,199.29	20.00% 59,239.86	1.32 355,439.15
USR BARR Topsoil - Channel - Stockpile	269,902.00	BCY	Subcontractor - Excavation - Earth ND	0.59 158,723.82	0.60 163,230.46	0.74 199,141.16	0.89 239,347.75	20.00% 47,869.55	1.06 287,217.31
9010306 Strip and Stockpile Topsoil - Spoil Berm	484,835.00	BCY	Subcontractor - Excavation - Earth ND	0.99 479,171.97	1.02 493,269.52	1.24 601,788.81	1.49 723,289.97	144,657.99	1.79 867,947.97
USR BARR Topsoil - Berms - Strip and Stockpile	484,835.00	BCY	Subcontractor - Excavation - Earth ND	0.99 479,171.97	1.02 493,269.52	1.24 601,788.81	1.49 723,289.97	20.00% 144,657.99	1.79 867,947.97
9010307 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1,042,050.00	BCY	Subcontractor - Excavation - Earth ND	1.98 2,064,344.29	2.05 2,140,763.75	2.51 2,611,731.77	3.01 3,139,040.42	627,808.08	3.61 3,766,848.50
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	1,042,050.00	BCY	Subcontractor - Excavation - Earth ND	0.95 992,887.08	0.98 1,019,048.46	1.19 1,243,239.12	1.43 1,494,249.10	20.00% 298,849.82	1.72 1,793,098.92
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	1,042,050.00	BCY	Subcontractor - Excavation - Earth ND	0.65 677,600.91	0.67 695,267.69	0.81 848,226.58	0.98 1,019,483.53	20.00% 203,896.71	1.17 1,223,380.24
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	1,042,050.00	BCY	Subcontractor - Excavation - Earth ND	0.38 393,856.29	0.41 426,447.60	0.50 520,266.07	0.60 625,307.79	20.00% 125,061.56	0.72 750,369.35
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010308 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1,638,021.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.30</i> 3,765,234.48	<i>2.38</i> 3,899,067.77	<i>2.90</i> 4,756,862.68	<i>3.49</i> 5,717,273.26	1,143,454.65	6,860,727.91
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	1,638,021.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.27</i> 2,080,987.65	<i>1.30</i> 2,135,819.17	<i>1.59</i> 2,605,699.39	<i>1.91</i> 3,131,790.10	<i>20.00%</i> 626,358.02	<i>2.29</i> 3,758,148.12
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	1,638,021.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 1,065,135.58	<i>0.67</i> 1,092,906.36	<i>0.81</i> 1,333,345.77	<i>0.98</i> 1,602,548.28	<i>20.00%</i> 320,509.66	<i>1.17</i> 1,923,057.93
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	1,638,021.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.38</i> 619,111.25	<i>0.41</i> 670,342.23	<i>0.50</i> 817,817.52	<i>0.60</i> 982,934.88	<i>20.00%</i> 196,586.98	<i>0.72</i> 1,179,521.86
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>7.85</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
9010309 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1,447,138.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.97</i> 4,291,432.23	<i>3.08</i> 4,462,404.46	<i>3.76</i> 5,444,133.45	<i>4.52</i> 6,543,303.99	1,308,660.80	7,851,964.79
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	1,447,138.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 1,379,252.21	<i>0.97</i> 1,404,204.64	<i>1.18</i> 1,713,129.66	<i>1.42</i> 2,059,010.54	<i>20.00%</i> 411,802.11	<i>1.71</i> 2,470,812.65
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	1,447,138.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.98</i> 1,424,203.01	<i>1.04</i> 1,500,427.33	<i>1.26</i> 1,830,521.35	<i>1.52</i> 2,200,103.61	<i>20.00%</i> 440,020.72	<i>1.82</i> 2,640,124.33
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	1,447,138.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 941,012.46	<i>0.67</i> 965,547.04	<i>0.81</i> 1,177,967.39	<i>0.98</i> 1,415,799.01	<i>20.00%</i> 283,159.80	<i>1.17</i> 1,698,958.81

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	1,447,138.00	BCY	Subcontractor - Excavation - Earth ND	546,964.55	592,225.45	722,515.04	868,390.83	173,678.17	1,042,069.00
9010310 Excavation and Embankment - Channel - Type 4 Brenna	20,465.00	BCY	Subcontractor - Excavation - Earth ND	3.78 77,357.53	3.92 80,294.34	4.79 97,959.09	5.75 117,737.03	23,547.41	6.90 141,284.44
USR BARR Earthwork - Type 4 Brenna - Excavate	20,465.00	BCY	Subcontractor - Excavation - Earth ND	1.53 31,221.27	1.55 31,779.75	1.89 38,771.30	2.28 46,599.22	20.00% 9,319.84	2.73 55,919.07
USR BARR Earthwork - Type 4 Brenna - Haul	20,465.00	BCY	Subcontractor - Excavation - Earth ND	1.23 25,093.73	1.29 26,485.03	1.58 32,311.73	1.90 38,835.47	20.00% 7,767.09	2.28 46,602.56
USR BARR Earthwork - Type 4 Brenna - Spoil	20,465.00	BCY	Subcontractor - Excavation - Earth ND	0.65 13,307.52	0.67 13,654.48	0.81 16,658.47	0.98 20,021.81	20.00% 4,004.36	1.17 24,026.18
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	20,465.00	BCY	Subcontractor - Excavation - Earth ND	0.38 7,735.01	0.41 8,375.08	0.50 10,217.60	0.60 12,280.53	20.00% 2,456.11	0.72 14,736.63
9010311 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010312 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	354,371.14 354,371.14	374,496.11 374,496.11	456,885.26 456,885.26	549,130.39 549,130.39	109,826.08	658,956.47 658,956.47
				7.85	8.24	10.05	12.08	20.00%	14.50

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non- -Brenna - Levee Embankment	15,644.00	BCY	Subcontractor - Excavation - Earth ND	122,837.52	128,897.37	157,254.79	189,004.53	37,800.91	226,805.44
				20.82	21.87	26.69	32.07	20.00%	38.49
USR BARR Aggregate Base - Class V - Furnish and Install	8,800.00	ECY	Subcontractor - Excavation - Earth ND	183,205.27	192,492.89	234,841.33	282,255.79	56,451.16	338,706.95
RSM 312323184600 Hauling, haul road maintenance, includes loading	63.00	DAY	Subcontractor - Excavation - Earth ND	767.12 48,328.35	842.95 53,105.85	1,028.40 64,789.14	1,236.03 77,870.07	20.00% 15,574.01	1,483.24 93,444.09
9010313 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	104,314.78 104,314.78	108,420.89 108,420.89	132,273.49 132,273.49	158,979.51 158,979.51	31,795.90	190,775.41 190,775.41
901031301 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901031302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.27	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
901031303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	26,222.00	BCY	Subcontractor - Excavation - Earth ND	77,760.34	80,858.34	98,647.17	118,564.03	23,712.81	142,276.84
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	26,222.00	BCY	Subcontractor - Excavation - Earth ND	24,991.92	25,444.05	31,041.74	37,309.07	7,461.81	44,770.89
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	26,222.00	BCY	Subcontractor - Excavation - Earth ND	25,806.42	27,187.60	33,168.87	39,865.66	7,973.13	47,838.80
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	26,222.00	BCY	Subcontractor - Excavation - Earth ND	17,051.05	17,495.62	21,344.65	25,654.14	5,130.83	30,784.97
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	26,222.00	BCY	Subcontractor - Excavation - Earth ND	9,910.94	10,731.07	13,091.90	15,735.16	3,147.03	18,882.19

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901031304 Excavation and Embankment - Channel - Type 4 Brenna	7,025.00	BCY	Subcontractor - Excavation - Earth ND	26,554.44	27,562.56	33,626.32	40,415.47	8,083.09	48,498.57
				3.78	3.92	4.79	5.75		6.90
USR BARR Earthwork - Type 4 Brenna - Excavate	7,025.00	BCY	Subcontractor - Excavation - Earth ND	10,717.29	10,909.00	13,308.98	15,996.07	3,199.21	19,195.28
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Haul	7,025.00	BCY	Subcontractor - Excavation - Earth ND	8,613.90	9,091.49	11,091.62	13,331.01	2,666.20	15,997.22
				1.23	1.29	1.58	1.90	20.00%	2.28
USR BARR Earthwork - Type 4 Brenna - Spoil	7,025.00	BCY	Subcontractor - Excavation - Earth ND	4,568.06	4,687.16	5,718.34	6,872.87	1,374.57	8,247.44
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	7,025.00	BCY	Subcontractor - Excavation - Earth ND	2,655.19	2,874.90	3,507.38	4,215.52	843.10	5,058.63
				0.38	0.41	0.50	0.60	20.00%	0.72
9010314 Lower Bank Protection	21,511.00	CY	Subcontractor - Excavation - Earth ND	1,974,190.52	2,072,972.71	2,529,026.71	3,039,637.20	607,927.44	3,647,564.64
				91.78	96.37	117.57	141.31		169.57
USR BARR Lower Bank Protection Riprap - Furnish and Install	21,511.00	CY	Subcontractor - Excavation - Earth ND	1,680,858.52	1,764,974.11	2,153,268.42	2,588,013.31	517,602.66	3,105,615.97
				78.14	82.05	100.10	120.31	20.00%	144.37
USR BARR Lower Bank Protection Geotextile - Furnish and Install	73,333.00	SY	Subcontractor - Excavation - Earth ND	293,332.00	307,998.60	375,758.29	451,623.89	90,324.78	541,948.67
				4.00	4.20	5.12	6.16	20.00%	7.39
9010315 Low Flow Channel Riprap Protection	1,009.00	CY	Subcontractor - Excavation - Earth ND	82,478.74	86,606.09	105,659.43	126,992.07	25,398.41	152,390.48
				81.74	85.83	104.72	125.86		151.03
USR BARR Grade Control Riprap - Furnish and Install	1,009.00	CY	Subcontractor - Excavation - Earth ND	78,842.74	82,788.29	101,001.71	121,393.96	24,278.79	145,672.75
				78.14	82.05	100.10	120.31	20.00%	144.37

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Grade Control Geotextile - Furnish and Install	909.00	SY	Subcontractor - Excavation - Earth ND	4.00 3,636.00	4.20 3,817.80	5.12 4,657.72	6.16 5,598.11	20.00% 1,119.62	7.39 6,717.73
9010316 Topsoil Placement - Channel	89,967.00	BCY	Subcontractor - Excavation - Earth ND	1.13 101,527.47	1.16 104,686.27	1.42 127,717.25	1.71 153,503.36	30,700.67	2.05 184,204.04
USR BARR Topsoil - Channel - Placement from Stockpile	89,967.00	BCY	Subcontractor - Excavation - Earth ND	1.13 101,527.47	1.16 104,686.27	1.42 127,717.25	1.71 153,503.36	20.00% 30,700.67	2.05 184,204.04
9010317 Topsoil Placement - Spoil Berm	664,769.00	BCY	Subcontractor - Excavation - Earth ND	1.08 717,744.78	1.12 743,550.35	1.36 907,131.43	1.64 1,090,281.26	218,056.25	1.97 1,308,337.52
USR BARR Topsoil - Berms - Placement from Stockpile	664,769.00	BCY	Subcontractor - Excavation - Earth ND	1.08 717,744.78	1.12 743,550.35	1.36 907,131.43	1.64 1,090,281.26	20.00% 218,056.25	1.97 1,308,337.52
9010318 Dust Control	169.00	DAY	Subcontractor - Excavation - Earth ND	500.00 84,500.00	500.00 84,500.00	610.00 103,090.00	733.16 123,903.87	24,780.77	879.79 148,684.65
USR BARR Dust Control	169.00	DAY	Subcontractor - Excavation - Earth ND	500.00 84,500.00	500.00 84,500.00	610.00 103,090.00	733.16 123,903.87	20.00% 24,780.77	879.79 148,684.65
9010319 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	410,000.00 410,000.00	420,250.00 420,250.00	512,705.00 512,705.00	616,220.14 616,220.14	123,244.03	739,464.17 739,464.17
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.50	MI	Subcontractor - Excavation - Earth ND	100,000.00 250,000.00	102,500.00 256,250.00	125,050.00 312,625.00	150,297.60 375,743.99	20.00% 75,148.80	180,357.11 450,892.79
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.80	MI	Subcontractor - Excavation - Earth ND	200,000.00 160,000.00	205,000.00 164,000.00	250,100.00 200,080.00	300,595.19 240,476.15	20.00% 48,095.23	360,714.23 288,571.38

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010320 Site Restoration	467.00	ACR	Subcontractor - Excavation - Earth ND	<i>2,622.18</i> 1,224,560.13	<i>2,750.98</i> 1,284,708.01	<i>3,356.20</i> 1,567,343.77	<i>4,033.81</i> 1,883,790.48	376,758.10	<i>4,840.58</i> 2,260,548.58
USR BARR Seeding	467.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,272.18</i> 594,110.13	<i>1,393.48</i> 650,755.51	<i>1,700.05</i> 793,921.72	<i>2,043.29</i> 954,214.52	<i>20.00%</i> 190,842.90	<i>2,451.94</i> 1,145,057.42
USR BARR Straw Mulch and Disk Anchoring	467.00	ACR	Subcontractor - Excavation - Earth ND	<i>400.00</i> 186,800.00	<i>405.00</i> 189,135.00	<i>494.10</i> 230,744.70	<i>593.86</i> 277,332.05	<i>20.00%</i> 55,466.41	<i>712.63</i> 332,798.47
USR BARR Vegetation Establishment and Maintenance	467.00	ACR	Subcontractor - Excavation - Earth ND	<i>950.00</i> 443,650.00	<i>952.50</i> 444,817.50	<i>1,162.05</i> 542,677.35	<i>1,396.67</i> 652,243.91	<i>20.00%</i> 130,448.78	<i>1,676.00</i> 782,692.69
9010321 Snow Removal	600.00	HR	Subcontractor - Excavation - Earth ND	<i>102.39</i> 61,431.56	<i>111.70</i> 67,021.58	<i>136.28</i> 81,766.33	<i>163.79</i> 98,274.95	19,654.99	<i>196.55</i> 117,929.94
USR BARR Snow Removal	600.00	HR	Subcontractor - Excavation - Earth ND	<i>102.39</i> 61,431.56	<i>111.70</i> 67,021.58	<i>136.28</i> 81,766.33	<i>163.79</i> 98,274.95	<i>20.00%</i> 19,654.99	<i>196.55</i> 117,929.94
9010322 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	37,500.00	37,968.75	46,321.88	55,674.26	11,134.85	66,809.11
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	37,500.00	37,968.75	46,321.88	55,674.26	11,134.85	66,809.11
90104 Reach 2015	1.00	EA	Subcontractor - Excavation - Earth ND	<i>61,107,079.83</i> 61,107,079.83	<i>63,603,633.38</i> 63,603,633.38	<i>77,596,432.72</i> 77,596,432.72	<i>93,263,152.49</i> 93,263,152.49	18,652,630.50	<i>111,915,782.99</i> 111,915,782.99
9010401 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	930,000.00	930,000.00	1,134,600.00	1,363,675.74	272,735.15	1,636,410.89
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	930,000.00	930,000.00	1,134,600.00	1,363,675.74	272,735.15	1,636,410.89

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010402 Clearing and Grubbing	186.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 195,351.79	<i>1,152.69</i> 214,400.28	<i>1,406.28</i> 261,568.34	<i>1,690.21</i> 314,378.99	62,875.80	<i>2,028.25</i> 377,254.78
USR BARR Clearing and Grubbing	186.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 195,351.79	<i>1,152.69</i> 214,400.28	<i>1,406.28</i> 261,568.34	<i>1,690.21</i> 314,378.99	20.00% 62,875.80	<i>2,028.25</i> 377,254.78
9010403 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	<i>2,429,597.30</i> 2,429,597.30	<i>2,570,471.57</i> 2,570,471.57	<i>3,135,975.32</i> 3,135,975.32	<i>3,769,128.73</i> 3,769,128.73	753,825.75	<i>4,522,954.48</i> 4,522,954.48
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	121,318.00	LF	Subcontractor - Excavation - Earth ND	<i>2.53</i> 307,253.43	<i>3.04</i> 369,347.30	<i>3.71</i> 450,603.71	<i>4.46</i> 541,580.60	20.00% 108,316.12	<i>5.36</i> 649,896.72
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	187,000.00	SY	Subcontractor - Excavation - Earth ND	<i>6.31</i> 1,179,955.04	<i>6.76</i> 1,264,163.87	<i>8.25</i> 1,542,279.92	<i>9.91</i> 1,853,666.23	20.00% 370,733.25	<i>11.90</i> 2,224,399.48
USR BARR Temporary Sedimentation Basins	247,333.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.97</i> 733,588.83	<i>2.92</i> 722,940.40	<i>3.57</i> 881,987.29	<i>4.29</i> 1,060,060.52	20.00% 212,012.10	<i>5.14</i> 1,272,072.63
USR BARR Rock Checks	261.00	EA	Subcontractor - Excavation - Earth ND	<i>800.00</i> 208,800.00	<i>820.00</i> 214,020.00	<i>1,000.40</i> 261,104.40	<i>1,202.38</i> 313,821.38	20.00% 62,764.28	<i>1,442.86</i> 376,585.65
9010404 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	<i>1,748,918.89</i> 1,748,918.89	<i>1,852,030.29</i> 1,852,030.29	<i>2,259,476.95</i> 2,259,476.95	<i>2,715,665.35</i> 2,715,665.35	543,133.07	<i>3,258,798.42</i> 3,258,798.42
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	524.00	DAY	Subcontractor - Excavation - Earth ND	<i>909.58</i> 476,618.89	<i>1,046.81</i> 548,526.54	<i>1,277.10</i> 669,202.37	<i>1,534.95</i> 804,314.33	20.00% 160,862.87	<i>1,841.94</i> 965,177.20

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Temporary Storm Sewer Pipe	1,932.00	LF	Subcontractor - Excavation - Earth ND	25.00 48,300.00	25.31 48,903.75	30.88 59,662.58	37.12 71,708.45	20.00% 14,341.69	44.54 86,050.14
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	1,224,000.00	1,254,600.00	1,530,612.00	1,839,642.56	367,928.51	2,207,571.08
9010405 Strip and Stockpile Topsoil - Channel	935,824.00	BCY	Subcontractor - Excavation - Earth ND	1.32 1,234,920.20	1.35 1,266,361.04	1.65 1,544,960.46	1.98 1,856,887.98	371,377.60	2,228,265.58
USR BARR Topsoil - Channel - Strip	935,824.00	BCY	Subcontractor - Excavation - Earth ND	0.73 684,581.34	0.75 700,396.44	0.91 854,483.65	1.10 1,027,003.90	20.00% 205,400.78	1.32 1,232,404.68
USR BARR Topsoil - Channel - Stockpile	935,824.00	BCY	Subcontractor - Excavation - Earth ND	0.59 550,338.87	0.60 565,964.60	0.74 690,476.81	0.89 829,884.08	20.00% 165,976.82	1.06 995,860.90
9010406 Strip and Stockpile Topsoil - Spoil Berm	2,056,550.00	BCY	Subcontractor - Excavation - Earth ND	0.99 2,032,528.84	1.02 2,092,327.13	1.24 2,552,639.10	1.49 3,068,016.94	613,603.39	3,681,620.32
USR BARR Topsoil - Berms - Strip and Stockpile	2,056,550.00	BCY	Subcontractor - Excavation - Earth ND	0.99 2,032,528.84	1.02 2,092,327.13	1.24 2,552,639.10	1.49 3,068,016.94	20.00% 613,603.39	1.79 3,681,620.32
9010407 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	3,111,316.00	BCY	Subcontractor - Excavation - Earth ND	1.98 6,163,646.09	2.05 6,391,816.62	2.51 7,798,016.27	3.01 9,372,435.76	1,874,487.15	11,246,922.91
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	3,111,316.00	BCY	Subcontractor - Excavation - Earth ND	0.95 2,964,527.09	0.98 3,042,638.82	1.19 3,712,019.36	1.43 4,461,476.06	20.00% 892,295.21	1.72 5,353,771.28
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	3,111,316.00	BCY	Subcontractor - Excavation - Earth ND	0.65 2,023,156.82	0.67 2,075,905.66	0.81 2,532,604.90	0.98 3,043,937.83	20.00% 608,787.57	1.17 3,652,725.40

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non- -Brenna - Semi Compact and Manage Moisture Content	3,111,316.00	BCY	Subcontractor - Excavation - Earth ND	0.38 1,175,962.18	0.41 1,273,272.15	0.50 1,553,392.02	0.60 1,867,021.87	20.00% 373,404.37	0.72 2,240,426.24
USR BARR Earthwork - Type 1 Non-Saturated Non- -Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010408 Excavation and Embankment - Channel - Type 2 Saturated Non- Brenna	3,886,425.00	BCY	Subcontractor - Excavation - Earth ND	2.30 8,933,524.91	2.38 9,251,062.39	2.90 11,286,296.11	3.49 13,564,999.30	2,712,999.86	4.19 16,277,999.16
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	3,886,425.00	BCY	Subcontractor - Excavation - Earth ND	1.27 4,937,422.92	1.30 5,067,518.08	1.59 6,182,372.06	1.91 7,430,592.97	20.00% 1,486,118.59	2.29 8,916,711.57
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	3,886,425.00	BCY	Subcontractor - Excavation - Earth ND	0.65 2,527,177.33	0.67 2,593,067.26	0.81 3,163,542.05	0.98 3,802,261.19	20.00% 760,452.24	1.17 4,562,713.43
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	3,886,425.00	BCY	Subcontractor - Excavation - Earth ND	0.38 1,468,924.67	0.41 1,590,477.05	0.50 1,940,382.00	0.60 2,332,145.13	20.00% 466,429.03	0.72 2,798,574.16
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010409 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	5,549,873.00	BCY	Subcontractor - Excavation - Earth ND	2.97 16,457,935.50	3.08 17,113,625.68	3.76 20,878,623.34	4.52 25,094,017.39	5,018,803.48	5.43 30,112,820.86
				0.95	0.97	1.18	1.42	20.00%	1.71

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	5,549,873.00	BCY	Subcontractor - Excavation - Earth ND	5,289,526.36	5,385,220.64	6,569,969.18	7,896,445.95	1,579,289.19	9,475,735.15
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	5,549,873.00	BCY	Subcontractor - Excavation - Earth ND	5,461,915.76	5,754,241.23	7,020,174.31	8,437,547.50	1,687,509.50	10,125,057.00
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	5,549,873.00	BCY	Subcontractor - Excavation - Earth ND	3,608,847.01	3,702,938.81	4,517,585.34	5,429,685.82	1,085,937.16	6,515,622.99
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	5,549,873.00	BCY	Subcontractor - Excavation - Earth ND	2,097,646.38	2,271,225.01	2,770,894.51	3,330,338.11	666,067.62	3,996,405.73
				3.78	3.92	4.79	5.75		6.90
9010410 Excavation and Embankment - Channel - Type 4 Brenna	235,478.00	BCY	Subcontractor - Excavation - Earth ND	890,104.90	923,896.89	1,127,154.20	1,354,726.64	270,945.33	1,625,671.96
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Excavate	235,478.00	BCY	Subcontractor - Excavation - Earth ND	359,243.70	365,669.79	446,117.14	536,188.19	107,237.64	643,425.83
				1.23	1.29	1.58	1.90	20.00%	2.28
USR BARR Earthwork - Type 4 Brenna - Haul	235,478.00	BCY	Subcontractor - Excavation - Earth ND	288,737.89	304,746.68	371,790.95	446,855.54	89,371.11	536,226.65
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 4 Brenna - Spoil	235,478.00	BCY	Subcontractor - Excavation - Earth ND	153,121.36	157,113.62	191,678.61	230,378.53	46,075.71	276,454.23
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	235,478.00	BCY	Subcontractor - Excavation - Earth ND	89,001.96	96,366.80	117,567.50	141,304.38	28,260.88	169,565.25
				0.00	0.00	0.00	0.00		0.00
9010411 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010412 Temporary Haul Roads	1.00	LS	Subcontractor - Excavation - Earth ND	1,367,323.16	1,444,896.54	1,762,773.78	2,118,677.80	423,735.56	2,542,413.36
USR BARR Earthwork - Type 1 Non-Saturated Non- -Brenna - Levee Embankment	60,444.00	BCY	Subcontractor - Excavation - Earth ND	7.85 474,609.50	8.24 498,023.04	10.05 607,588.11	12.08 730,260.15	20.00% 146,052.03	14.50 876,312.18
USR BARR Aggregate Base - Class V - Furnish and Install	34,000.00	ECY	Subcontractor - Excavation - Earth ND	20.82 707,838.54	21.87 743,722.53	26.69 907,341.48	32.07 1,090,533.73	20.00% 218,106.75	38.49 1,308,640.47
RSM 312323184600 Hauling, haul road maintenance, includes loading	241.00	DAY	Subcontractor - Excavation - Earth ND	767.12 184,875.11	842.95 203,150.97	1,028.40 247,844.18	1,236.03 297,883.92	20.00% 59,576.78	1,483.24 357,460.71
9010413 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	407,887.32 407,887.32	423,709.46 423,709.46	516,925.54 516,925.54	621,292.81 621,292.81	124,258.56	745,551.37 745,551.37
901041301 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				0.38	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
901041302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	12,346.00	BCY	Subcontractor - Excavation - Earth ND	28,379.11	29,387.83	35,853.16	43,091.91	8,618.38	51,710.29
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	12,346.00	BCY	Subcontractor - Excavation - Earth ND	15,684.70	16,097.98	19,639.53	23,604.75	4,720.95	28,325.70
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	12,346.00	BCY	Subcontractor - Excavation - Earth ND	8,028.08	8,237.39	10,049.62	12,078.64	2,415.73	14,494.36
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	12,346.00	BCY	Subcontractor - Excavation - Earth ND	4,666.33	5,052.47	6,164.01	7,408.52	1,481.70	8,890.23
901041303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	72,923.00	BCY	Subcontractor - Excavation - Earth ND	216,250.36	224,865.85	274,336.34	329,724.85	65,944.97	395,669.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	72,923.00	BCY	Subcontractor - Excavation - Earth ND	69,502.15	70,759.54	86,326.64	103,755.98	20,751.20	124,507.18
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	72,923.00	BCY	Subcontractor - Excavation - Earth ND	71,767.28	75,608.31	92,242.14	110,865.83	22,173.17	133,039.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	72,923.00	BCY	Subcontractor - Excavation - Earth ND	47,418.73	48,655.06	59,359.17	71,343.79	14,268.76	85,612.55

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	72,923.00	BCY	Subcontractor - Excavation - Earth ND	0.38 27,562.19	0.41 29,842.94	0.50 36,408.39	0.60 43,759.24	20.00% 8,751.85	0.72 52,511.09
901041304 Excavation and Embankment - Channel - Type 4 Brenna	43,190.00	BCY	Subcontractor - Excavation - Earth ND	3.78 163,257.84	3.92 169,455.77	4.79 206,736.04	5.75 248,476.05	49,695.21	6.90 298,171.26
USR BARR Earthwork - Type 4 Brenna - Excavate	43,190.00	BCY	Subcontractor - Excavation - Earth ND	1.53 65,890.38	1.55 67,069.02	1.89 81,824.20	2.28 98,344.51	20.00% 19,668.90	2.73 118,013.41
USR BARR Earthwork - Type 4 Brenna - Haul	43,190.00	BCY	Subcontractor - Excavation - Earth ND	1.23 52,958.62	1.29 55,894.86	1.58 68,191.73	1.90 81,959.63	20.00% 16,391.93	2.28 98,351.56
USR BARR Earthwork - Type 4 Brenna - Spoil	43,190.00	BCY	Subcontractor - Excavation - Earth ND	0.65 28,084.63	0.67 28,816.86	0.81 35,156.57	0.98 42,254.68	20.00% 8,450.94	1.17 50,705.62
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	43,190.00	BCY	Subcontractor - Excavation - Earth ND	0.38 16,324.22	0.41 17,675.04	0.50 21,563.54	0.60 25,917.22	20.00% 5,183.44	0.72 31,100.67
9010414 Lower Bank Protection	83,111.00	CY	Subcontractor - Excavation - Earth ND	91.78 7,627,582.95	96.37 8,009,242.87	117.57 9,771,276.30	141.31 11,744,096.99	2,348,819.40	169.57 14,092,916.39
USR BARR Lower Bank Protection Riprap - Furnish and Install	83,111.00	CY	Subcontractor - Excavation - Earth ND	78.14 6,494,250.95	82.05 6,819,244.27	100.10 8,319,478.01	120.31 9,999,180.62	20.00% 1,999,836.12	144.37 11,999,016.75
USR BARR Lower Bank Protection Geotextile - Furnish and Install	283,333.00	SY	Subcontractor - Excavation - Earth ND	4.00 1,133,332.00	4.20 1,189,998.60	5.12 1,451,798.29	6.16 1,744,916.37	20.00% 348,983.27	7.39 2,093,899.64
9010415 Low Flow Channel Riprap Protection	3,899.00	CY	Subcontractor - Excavation - Earth ND	81.74 318,713.86	85.83 334,662.73	104.72 408,288.53	125.86 490,721.98	98,144.40	151.03 588,866.38

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Grade Control Riprap - Furnish and Install	3,899.00	CY	Subcontractor - Excavation - Earth ND	78.14 304,665.86	82.05 319,912.33	100.10 390,293.04	120.31 469,093.20	20.00% 93,818.64	144.37 562,911.84
USR BARR Grade Control Geotextile - Furnish and Install	3,512.00	SY	Subcontractor - Excavation - Earth ND	4.00 14,048.00	4.20 14,750.40	5.12 17,995.49	6.16 21,628.78	20.00% 4,325.76	7.39 25,954.53
9010416 Topsoil Placement - Channel	311,941.00	BCY	Subcontractor - Excavation - Earth ND	1.13 352,024.41	1.16 362,976.87	1.42 442,831.78	1.71 532,239.52	20.00% 106,447.90	2.05 638,687.42
USR BARR Topsoil - Channel - Placement from Stockpile	311,941.00	BCY	Subcontractor - Excavation - Earth ND	1.13 352,024.41	1.16 362,976.87	1.42 442,831.78	1.71 532,239.52	20.00% 106,447.90	2.05 638,687.42
9010417 Topsoil Placement - Spoil Berm	2,680,432.00	BCY	Subcontractor - Excavation - Earth ND	1.08 2,894,036.97	1.12 2,998,088.29	1.36 3,657,667.72	1.64 4,396,150.83	20.00% 879,230.17	1.97 5,275,381.00
USR BARR Topsoil - Berms - Placement from Stockpile	2,680,432.00	BCY	Subcontractor - Excavation - Earth ND	1.08 2,894,036.97	1.12 2,998,088.29	1.36 3,657,667.72	1.64 4,396,150.83	20.00% 879,230.17	1.97 5,275,381.00
9010418 Dust Control	652.00	DAY	Subcontractor - Excavation - Earth ND	500.00 326,000.00	500.00 326,000.00	610.00 397,720.00	733.16 478,019.67	20.00% 95,603.93	879.79 573,623.60
USR BARR Dust Control	652.00	DAY	Subcontractor - Excavation - Earth ND	500.00 326,000.00	500.00 326,000.00	610.00 397,720.00	733.16 478,019.67	20.00% 95,603.93	879.79 573,623.60
9010419 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	1,550,000.00 1,550,000.00	1,588,750.00 1,588,750.00	1,938,275.00 1,938,275.00	2,329,612.72 2,329,612.72	20.00% 465,922.54	2,795,535.27 2,795,535.27
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	9.70	MI	Subcontractor - Excavation - Earth ND	100,000.00 970,000.00	102,500.00 994,250.00	125,050.00 1,212,985.00	150,297.60 1,457,886.67	20.00% 291,577.33	180,357.11 1,749,464.01

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	2.90	MI	Subcontractor - Excavation - Earth ND	200,000.00 580,000.00	205,000.00 594,500.00	250,100.00 725,290.00	300,595.19 871,726.05	20.00% 174,345.21	360,714.23 1,046,071.26
9010420 Site Restoration	1,855.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 4,864,152.13	2,750.98 5,103,069.29	3,356.20 6,225,744.53	4,033.81 7,482,722.35	1,496,544.47	4,840.58 8,979,266.82
USR BARR Seeding	1,855.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 2,359,902.13	1,393.48 2,584,906.79	1,700.05 3,153,586.28	2,043.29 3,790,295.35	20.00% 758,059.07	2,451.94 4,548,354.42
USR BARR Straw Mulch and Disk Anchoring	1,855.00	ACR	Subcontractor - Excavation - Earth ND	400.00 742,000.00	405.00 751,275.00	494.10 916,555.50	593.86 1,101,608.06	20.00% 220,321.61	712.63 1,321,929.67
USR BARR Vegetation Establishment and Maintenance	1,855.00	ACR	Subcontractor - Excavation - Earth ND	950.00 1,762,250.00	952.50 1,766,887.50	1,162.05 2,155,602.75	1,396.67 2,590,818.95	20.00% 518,163.79	1,676.00 3,108,982.73
9010421 Snow Removal	2,318.00	HR	Subcontractor - Excavation - Earth ND	102.39 237,330.59	111.70 258,926.70	136.28 315,890.57	163.79 379,668.88	75,933.78	196.55 455,602.66
USR BARR Snow Removal	2,318.00	HR	Subcontractor - Excavation - Earth ND	102.39 237,330.59	111.70 258,926.70	136.28 315,890.57	163.79 379,668.88	20.00% 75,933.78	196.55 455,602.66
9010422 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	145,500.00	147,318.75	179,728.88	216,016.13	43,203.23	259,219.36
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	145,500.00	147,318.75	179,728.88	216,016.13	43,203.23	259,219.36
90105 Reach 2016	1.00	EA	Subcontractor - Excavation - Earth ND	14,435,271.50	15,027,237.17	18,333,229.35	22,034,708.36	4,406,941.67	26,441,650.03
USR BARR Reach 2016	1.00	EA	Subcontractor - Excavation - Earth ND	14,435,271.50	15,027,237.17	18,333,229.35	22,034,708.36	4,406,941.67	26,441,650.03
9010501 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	220,000.00	220,000.00	268,400.00	322,589.96	64,517.99	387,107.95
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	220,000.00	220,000.00	268,400.00	322,589.96	64,517.99	387,107.95

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	220,000.00	220,000.00	268,400.00	322,589.96	64,517.99	387,107.95
9010502 Clearing and Grubbing	52.00	ACR	Subcontractor - Excavation - Earth ND	54,614.48	59,939.86	73,126.63	87,890.90	17,578.18	105,469.08
USR BARR Clearing and Grubbing	52.00	ACR	Subcontractor - Excavation - Earth ND	54,614.48	59,939.86	73,126.63	87,890.90	17,578.18	105,469.08
9010503 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	673,224.80	712,145.49	868,817.50	1,044,231.75	208,846.35	1,253,078.10
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	33,541.00	LF	Subcontractor - Excavation - Earth ND	84,946.89	102,114.10	124,579.20	149,731.74	29,946.35	179,678.08
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	51,700.00	SY	Subcontractor - Excavation - Earth ND	326,222.86	349,504.13	426,395.04	512,484.19	102,496.84	614,981.03
USR BARR Temporary Sedimentation Basins	68,933.00	BCY	Subcontractor - Excavation - Earth ND	204,455.04	201,487.27	245,814.47	295,444.41	59,088.88	354,533.29
USR BARR Rock Checks	72.00	EA	Subcontractor - Excavation - Earth ND	57,600.00	59,040.00	72,028.80	86,571.41	17,314.28	103,885.70
9010504 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	438,148.39	465,650.60	568,093.74	682,791.86	136,558.37	819,350.24
				909.58	1,046.81	1,277.10	1,534.95	20.00%	1,841.94

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	146.00	DAY	Subcontractor - Excavation - Earth ND	132,798.39	152,833.73	186,457.15	224,102.85	44,820.57	268,923.42
				25.00	25.31	30.88	37.12	20.00%	44.54
USR BARR Temporary Storm Sewer Pipe	534.00	LF	Subcontractor - Excavation - Earth ND	13,350.00	13,516.88	16,490.59	19,820.04	3,964.01	23,784.04
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	292,000.00	299,300.00	365,146.00	438,868.98	87,773.80	526,642.77
				1.32	1.35	1.65	1.98		2.38
9010505 Strip and Stockpile Topsoil - Channel	227,696.00	BCY	Subcontractor - Excavation - Earth ND	300,469.31	308,119.20	375,905.42	451,800.73	90,360.15	542,160.88
				0.73	0.75	0.91	1.10	20.00%	1.32
USR BARR Topsoil - Channel - Strip	227,696.00	BCY	Subcontractor - Excavation - Earth ND	166,565.97	170,413.95	207,905.02	249,881.05	49,976.21	299,857.26
				0.59	0.60	0.74	0.89	20.00%	1.06
USR BARR Topsoil - Channel - Stockpile	227,696.00	BCY	Subcontractor - Excavation - Earth ND	133,903.34	137,705.25	168,000.40	201,919.68	40,383.94	242,303.62
				0.99	1.02	1.24	1.49		1.79
9010506 Strip and Stockpile Topsoil - Spoil Berm	607,229.00	BCY	Subcontractor - Excavation - Earth ND	600,136.37	617,792.77	753,707.17	905,880.65	181,176.13	1,087,056.78
				0.99	1.02	1.24	1.49	20.00%	1.79
USR BARR Topsoil - Berms - Strip and Stockpile	607,229.00	BCY	Subcontractor - Excavation - Earth ND	600,136.37	617,792.77	753,707.17	905,880.65	181,176.13	1,087,056.78
				1.98	2.05	2.51	3.01		3.61
9010507 Excavation and Embankment - Channel - Type 1 Non-Saturated Non -Brenna	881,257.00	BCY	Subcontractor - Excavation - Earth ND	1,745,806.68	1,810,434.28	2,208,729.82	2,654,672.37	530,934.47	3,185,606.84
				0.95	0.98	1.19	1.43	20.00%	1.72

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Excavate and Haul	881,257.00	BCY	Subcontractor - Excavation - Earth ND	839,680.14	861,804.70	1,051,401.74	1,263,679.75	252,735.95	1,516,415.69
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Spoil	881,257.00	BCY	Subcontractor - Excavation - Earth ND	573,044.05	587,984.76	717,341.41	862,172.64	172,434.53	1,034,607.16
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Semi Compact and Manage Moisture Content	881,257.00	BCY	Subcontractor - Excavation - Earth ND	333,082.50	360,644.82	439,986.68	528,819.99	105,764.00	634,583.99
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.30	2.38	2.90	3.49		4.19
9010508 Excavation and Embankment - Channel - Type 2 Saturated Non- Brenna	1,397,536.00	BCY	Subcontractor - Excavation - Earth ND	3,212,444.00	3,326,628.64	4,058,486.94	4,877,895.46	975,579.09	5,853,474.55
				1.27	1.30	1.59	1.91	20.00%	2.29
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	1,397,536.00	BCY	Subcontractor - Excavation - Earth ND	1,775,468.79	1,822,250.25	2,223,145.31	2,671,998.35	534,399.67	3,206,398.02
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	1,397,536.00	BCY	Subcontractor - Excavation - Earth ND	908,758.38	932,452.02	1,137,591.46	1,367,271.18	273,454.24	1,640,725.42
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	1,397,536.00	BCY	Subcontractor - Excavation - Earth ND	528,216.83	571,926.37	697,750.17	838,625.93	167,725.19	1,006,351.12
				7.85	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
9010509 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	549,283.00	BCY	Subcontractor - Excavation - Earth ND	1,628,877.67	1,693,772.75	2,066,402.76	2,483,609.47	496,721.89	2,980,331.37
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	549,283.00	BCY	Subcontractor - Excavation - Earth ND	523,515.93	532,987.00	650,244.14	781,528.43	156,305.69	937,834.11
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	549,283.00	BCY	Subcontractor - Excavation - Earth ND	540,577.68	569,509.77	694,801.92	835,082.42	167,016.48	1,002,098.91
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	549,283.00	BCY	Subcontractor - Excavation - Earth ND	357,175.44	366,487.91	447,115.25	537,387.81	107,477.56	644,865.38
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	549,283.00	BCY	Subcontractor - Excavation - Earth ND	207,608.62	224,788.08	274,241.46	329,610.81	65,922.16	395,532.97
				0.00	0.00	0.00	0.00		0.00
9010510 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010511 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010512 Temporary Haul Roads	1.00	LS	Subcontractor - Excavation - Earth ND	378,309.02	399,783.88	487,736.33	586,210.30	117,242.06	703,452.36
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	16,711.00	BCY	Subcontractor - Excavation - Earth ND	7.85 131,215.66	8.24 137,688.82	10.05 167,980.36	12.08 201,895.60	20.00% 40,379.12	14.50 242,274.71
USR BARR Aggregate Base - Class V - Furnish and Install	9,400.00	ECY	Subcontractor - Excavation - Earth ND	20.82 195,696.54	21.87 205,617.40	26.69 250,853.23	32.07 301,500.50	20.00% 60,300.10	38.49 361,800.60
RSM 312323184600 Hauling, haul road maintenance, includes loading	67.00	DAY	Subcontractor - Excavation - Earth ND	767.12 51,396.82	842.95 56,477.66	1,028.40 68,902.74	1,236.03 82,814.20	20.00% 16,562.84	1,483.24 99,377.04
9010513 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	99,087.60	102,942.93	125,590.37	150,947.06	30,189.41	181,136.48
901051301 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	1.00	EA	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
901051302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	9,353.00	BCY	Subcontractor - Excavation - Earth ND	2.30 21,499.26	2.38 22,263.44	2.90 27,161.40	3.49 32,645.28	6,529.06	4.19 39,174.34
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	9,353.00	BCY	Subcontractor - Excavation - Earth ND	1.27 11,882.31	1.30 12,195.40	1.59 14,878.38	1.91 17,882.33	20.00% 3,576.47	2.29 21,458.80
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	9,353.00	BCY	Subcontractor - Excavation - Earth ND	0.65 6,081.86	0.67 6,240.43	0.81 7,613.32	0.98 9,150.45	20.00% 1,830.09	1.17 10,980.54
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	9,353.00	BCY	Subcontractor - Excavation - Earth ND	0.38 3,535.09	0.41 3,827.61	0.50 4,669.69	0.60 5,612.50	20.00% 1,122.50	0.72 6,735.00
901051303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	26,164.00	BCY	Subcontractor - Excavation - Earth ND	2.97 77,588.34	3.08 80,679.49	3.76 98,428.97	4.52 118,301.78	23,660.36	5.43 141,962.14
				0.95	0.97	1.18	1.42	20.00%	1.71

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	26,164.00	BCY	Subcontractor - Excavation - Earth ND	24,936.64	25,387.77	30,973.08	37,226.55	7,445.31	44,671.86
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	26,164.00	BCY	Subcontractor - Excavation - Earth ND	25,749.34	27,127.46	33,095.50	39,777.49	7,955.50	47,732.98
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	26,164.00	BCY	Subcontractor - Excavation - Earth ND	17,013.34	17,456.92	21,297.44	25,597.40	5,119.48	30,716.88
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	26,164.00	BCY	Subcontractor - Excavation - Earth ND	9,889.02	10,707.33	13,062.94	15,700.35	3,140.07	18,840.42
				0.00	0.00	0.00	0.00		0.00
901051304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				91.78	96.37	117.57	141.31		169.57
9010514 Low Flow Channel and Lower Bank Protection	22,978.00	CY	Subcontractor - Excavation - Earth ND	2,108,821.14	2,214,339.83	2,701,494.59	3,246,926.35	649,385.27	3,896,311.62

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Lower Bank Protection Riprap - Furnish and Install	22,978.00	CY	Subcontractor - Excavation - Earth ND	78.14 1,795,489.14	82.05 1,885,341.23	100.10 2,300,116.30	120.31 2,764,509.78	20.00% 552,901.96	144.37 3,317,411.74
USR BARR Lower Bank Protection Geotextile - Furnish and Install	78,333.00	SY	Subcontractor - Excavation - Earth ND	4.00 313,332.00	4.20 328,998.60	5.12 401,378.29	6.16 482,416.57	20.00% 96,483.31	7.39 578,899.88
9010515 Low Flow Channel Riprap Protection	1,078.00	CY	Subcontractor - Excavation - Earth ND	81.74 88,118.37	85.83 92,527.93	104.72 112,884.07	125.86 135,675.37	27,135.07	151.03 162,810.44
USR BARR Grade Control Riprap - Furnish and Install	1,078.00	CY	Subcontractor - Excavation - Earth ND	78.14 84,234.37	82.05 88,449.73	100.10 107,908.67	120.31 129,695.43	20.00% 25,939.09	144.37 155,634.51
USR BARR Grade Control Geotextile - Furnish and Install	971.00	SY	Subcontractor - Excavation - Earth ND	4.00 3,884.00	4.20 4,078.20	5.12 4,975.40	6.16 5,979.94	20.00% 1,195.99	7.39 7,175.93
9010516 Topsoil Placement - Channel	75,899.00	BCY	Subcontractor - Excavation - Earth ND	1.13 85,651.78	1.16 88,316.64	1.42 107,746.30	1.71 129,500.28	25,900.06	2.05 155,400.34
USR BARR Topsoil - Channel - Placement from Stockpile	75,899.00	BCY	Subcontractor - Excavation - Earth ND	1.13 85,651.78	1.16 88,316.64	1.42 107,746.30	1.71 129,500.28	20.00% 25,900.06	2.05 155,400.34
9010517 Topsoil Placement - Spoil Berm	759,026.00	BCY	Subcontractor - Excavation - Earth ND	1.08 819,513.16	1.12 848,977.69	1.36 1,035,752.78	1.64 1,244,871.27	248,974.25	1.97 1,493,845.52
USR BARR Topsoil - Berms - Placement from Stockpile	759,026.00	BCY	Subcontractor - Excavation - Earth ND	1.08 819,513.16	1.12 848,977.69	1.36 1,035,752.78	1.64 1,244,871.27	20.00% 248,974.25	1.97 1,493,845.52
9010518 Dust Control	180.00	DAY	Subcontractor - Excavation - Earth ND	500.00 90,000.00	500.00 90,000.00	610.00 109,800.00	733.16 131,968.62	26,393.72	879.79 158,362.34

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Dust Control	180.00	DAY	Subcontractor - Excavation - Earth ND	500.00 90,000.00	500.00 90,000.00	610.00 109,800.00	733.16 131,968.62	20.00% 26,393.72	879.79 158,362.34
9010519 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	430,000.00 430,000.00	440,750.00 440,750.00	537,715.00 537,715.00	646,279.66 646,279.66	129,255.93	775,535.59 775,535.59
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.70	MI	Subcontractor - Excavation - Earth ND	100,000.00 270,000.00	102,500.00 276,750.00	125,050.00 337,635.00	150,297.60 405,803.51	20.00% 81,160.70	180,357.11 486,964.21
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.80	MI	Subcontractor - Excavation - Earth ND	200,000.00 160,000.00	205,000.00 164,000.00	250,100.00 200,080.00	300,595.19 240,476.15	20.00% 48,095.23	360,714.23 288,571.38
9010520 Site Restoration	517.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 1,355,669.35	2,750.98 1,422,257.05	3,356.20 1,735,153.60	4,033.81 2,085,481.11	417,096.22	4,840.58 2,502,577.33
USR BARR Seeding	517.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 657,719.35	1,393.48 720,429.55	1,700.05 878,924.05	2,043.29 1,056,378.81	20.00% 211,275.76	2,451.94 1,267,654.58
USR BARR Straw Mulch and Disk Anchoring	517.00	ACR	Subcontractor - Excavation - Earth ND	400.00 206,800.00	405.00 209,385.00	494.10 255,449.70	593.86 307,024.99	20.00% 61,405.00	712.63 368,429.99
USR BARR Vegetation Establishment and Maintenance	517.00	ACR	Subcontractor - Excavation - Earth ND	950.00 491,150.00	952.50 492,442.50	1,162.05 600,779.85	1,396.67 722,077.30	20.00% 144,415.46	1,676.00 866,492.76
9010521 Snow Removal	641.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,629.38	111.70 71,601.39	136.28 87,353.69	163.79 104,990.40	20,998.08	196.55 125,988.48
USR BARR Snow Removal	641.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,629.38	111.70 71,601.39	136.28 87,353.69	163.79 104,990.40	20.00% 20,998.08	196.55 125,988.48

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010522 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	40,750.00	41,256.25	50,332.63	60,494.78	12,098.96	72,593.74
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	40,750.00	41,256.25	50,332.63	60,494.78	12,098.96	72,593.74
90106 Reach 2017	1.00	EA	Subcontractor - Excavation - Earth ND	101,046,989.44	105,093,871.26	128,214,522.93	154,101,035.11	30,820,207.02	184,921,242.14
9010601 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	1,550,000.00	1,550,000.00	1,891,000.00	2,272,792.90	454,558.58	2,727,351.48
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	1,550,000.00	1,550,000.00	1,891,000.00	2,272,792.90	454,558.58	2,727,351.48
9010602 Clearing and Grubbing	247.00	ACR	Subcontractor - Excavation - Earth ND	259,418.77	284,714.35	347,351.50	417,481.77	83,496.35	500,978.12
USR BARR Clearing and Grubbing	247.00	ACR	Subcontractor - Excavation - Earth ND	259,418.77	284,714.35	347,351.50	417,481.77	83,496.35	500,978.12
9010603 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	3,221,832.00	3,408,343.94	4,158,179.61	4,997,716.07	999,543.21	5,997,259.28
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	160,687.00	LF	Subcontractor - Excavation - Earth ND	406,960.49	489,204.49	596,829.48	717,329.35	143,465.87	860,795.22
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	247,683.00	SY	Subcontractor - Excavation - Earth ND	1,562,859.92	1,674,395.18	2,042,762.12	2,455,195.79	491,039.16	2,946,234.95
USR BARR Temporary Sedimentation Basins	329,067.00	BCY	Subcontractor - Excavation - Earth ND	976,011.59	961,844.27	1,173,450.01	1,410,369.57	282,073.91	1,692,443.48

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Rock Checks	345.00	EA	Subcontractor - Excavation - Earth ND	800.00 276,000.00	820.00 282,900.00	1,000.40 345,138.00	1,202.38 414,821.36	20.00% 82,964.27	1,442.86 497,785.63
9010604 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	2,704,950.89 2,704,950.89	2,851,748.73 2,851,748.73	3,479,133.45 3,479,133.45	4,181,570.49 4,181,570.49	836,314.10	5,017,884.59 5,017,884.59
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	697.00	DAY	Subcontractor - Excavation - Earth ND	909.58 633,975.89	1,046.81 729,624.04	1,277.10 890,141.33	1,534.95 1,069,860.86	20.00% 213,972.17	1,841.94 1,283,833.03
USR BARR Temporary Storm Sewer Pipe	2,559.00	LF	Subcontractor - Excavation - Earth ND	25.00 63,975.00	25.31 64,774.69	30.88 79,025.12	37.12 94,980.29	20.00% 18,996.06	44.54 113,976.35
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	2,007,000.00	2,057,350.00	2,509,967.00	3,016,729.34	603,345.87	3,620,075.20
9010605 Strip and Stockpile Topsoil - Channel	1,460,107.00	BCY	Subcontractor - Excavation - Earth ND	1.32 1,926,767.89	1.35 1,975,823.03	1.65 2,410,504.10	1.98 2,897,184.88	579,436.98	2.38 3,476,621.85
USR BARR Topsoil - Channel - Strip	1,460,107.00	BCY	Subcontractor - Excavation - Earth ND	0.73 1,068,108.96	0.75 1,092,784.26	0.91 1,333,196.80	1.10 1,602,369.23	20.00% 320,473.85	1.32 1,922,843.08
USR BARR Topsoil - Channel - Stockpile	1,460,107.00	BCY	Subcontractor - Excavation - Earth ND	0.59 858,658.92	0.60 883,038.77	0.74 1,077,307.30	0.89 1,294,815.64	20.00% 258,963.13	1.06 1,553,778.77
9010606 Strip and Stockpile Topsoil - Spoil Berm	2,520,332.00	BCY	Subcontractor - Excavation - Earth ND	0.99 2,490,893.72	1.02 2,564,177.40	1.24 3,128,296.42	1.49 3,759,899.47	751,979.89	1.79 4,511,879.37
USR BARR Topsoil - Berms - Strip and Stockpile	2,520,332.00	BCY	Subcontractor - Excavation - Earth ND	0.99 2,490,893.72	1.02 2,564,177.40	1.24 3,128,296.42	1.49 3,759,899.47	20.00% 751,979.89	1.79 4,511,879.37

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010607 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	5,204,698.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.84</i> 9,590,968.32	<i>1.91</i> 9,938,897.47	<i>2.33</i> 12,125,454.91	<i>2.80</i> 14,573,584.25	2,914,716.85	17,488,301.10
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	5,204,698.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 4,959,145.33	<i>0.98</i> 5,089,812.85	<i>1.19</i> 6,209,571.68	<i>1.43</i> 7,463,284.20	<i>20.00%</i> 1,492,656.84	<i>1.72</i> 8,955,941.04
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	4,504,698.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 2,929,214.04	<i>0.67</i> 3,005,586.08	<i>0.81</i> 3,666,815.02	<i>0.98</i> 4,407,144.97	<i>20.00%</i> 881,428.99	<i>1.17</i> 5,288,573.96
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	4,504,698.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.38</i> 1,702,608.95	<i>0.41</i> 1,843,498.54	<i>0.50</i> 2,249,068.21	<i>0.60</i> 2,703,155.09	<i>20.00%</i> 540,631.02	<i>0.72</i> 3,243,786.10
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>7.85</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
9010608 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	5,405,183.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.17</i> 11,704,861.30	<i>2.24</i> 12,112,726.77	<i>2.73</i> 14,777,526.66	<i>3.29</i> 17,761,109.29	3,552,221.86	21,313,331.15
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	5,405,183.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.27</i> 6,866,895.52	<i>1.30</i> 7,047,829.97	<i>1.59</i> 8,598,352.56	<i>1.91</i> 10,334,359.94	<i>20.00%</i> 2,066,871.99	<i>2.29</i> 12,401,231.93
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	4,705,183.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 3,059,580.93	<i>0.67</i> 3,139,351.97	<i>0.81</i> 3,830,009.40	<i>0.98</i> 4,603,288.30	<i>20.00%</i> 920,657.66	<i>1.17</i> 5,523,945.96
				<i>0.38</i>	<i>0.41</i>	<i>0.50</i>	<i>0.60</i>	<i>20.00%</i>	<i>0.72</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	4,705,183.00	BCY	Subcontractor - Excavation - Earth ND	1,778,384.86	1,925,544.84	2,349,164.70	2,823,461.05	564,692.21	3,388,153.26
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
9010609 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	9,472,267.00	BCY	Subcontractor - Excavation - Earth ND	28,089,644.45	29,208,746.19	35,634,670.35	42,829,310.29	8,565,862.06	51,395,172.35
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	9,472,267.00	BCY	Subcontractor - Excavation - Earth ND	9,027,919.37	9,191,245.95	11,213,320.06	13,477,289.38	2,695,457.88	16,172,747.25
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	9,472,267.00	BCY	Subcontractor - Excavation - Earth ND	9,322,145.64	9,821,073.27	11,981,709.38	14,400,816.51	2,880,163.30	17,280,979.81
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	9,472,267.00	BCY	Subcontractor - Excavation - Earth ND	6,159,413.45	6,320,004.99	7,710,406.09	9,267,137.08	1,853,427.42	11,120,564.49
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	9,472,267.00	BCY	Subcontractor - Excavation - Earth ND	3,580,166.00	3,876,421.98	4,729,234.82	5,684,067.33	1,136,813.47	6,820,880.79
				3.78	3.92	4.79	5.75		6.90
9010610 Excavation and Embankment - Channel - Type 4 Brenna	3,404,472.00	BCY	Subcontractor - Excavation - Earth ND	12,868,876.16	13,357,430.79	16,296,065.56	19,586,241.20	3,917,248.24	23,503,489.44
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Excavate	3,404,472.00	BCY	Subcontractor - Excavation - Earth ND	5,193,840.26	5,286,746.76	6,449,831.04	7,752,051.93	1,550,410.39	9,302,462.31
				1.23	1.29	1.58	1.90	20.00%	2.28
USR BARR Earthwork - Type 4 Brenna - Haul	3,404,472.00	BCY	Subcontractor - Excavation - Earth ND	4,174,487.88	4,405,938.29	5,375,244.72	6,460,506.63	1,292,101.33	7,752,607.95

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Spoil	3,404,472.00	BCY	Subcontractor - Excavation - Earth ND	0.65 2,213,783.74	0.67 2,271,502.70	0.81 2,771,233.29	0.98 3,330,745.29	20.00% 666,149.06	1.17 3,996,894.35
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	3,404,472.00	BCY	Subcontractor - Excavation - Earth ND	0.38 1,286,764.29	0.41 1,393,243.04	0.50 1,699,756.51	0.60 2,042,937.35	20.00% 408,587.47	0.72 2,451,524.82
9010611 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010612 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	1,811,637.01 1,811,637.01	1,914,443.63 1,914,443.63	2,335,621.23 2,335,621.23	2,807,183.15 2,807,183.15	561,436.63	3,368,619.78 3,368,619.78
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	80,059.00	BCY	Subcontractor - Excavation - Earth ND	7.85 628,627.53	8.24 659,639.12	10.05 804,759.72	12.08 967,240.71	20.00% 193,448.14	14.50 1,160,688.85
USR BARR Aggregate Base - Class V - Furnish and Install	45,033.00	ECY	Subcontractor - Excavation - Earth ND	20.82 937,532.15	21.87 985,060.49	26.69 1,201,773.79	32.07 1,444,411.92	20.00% 288,882.38	38.49 1,733,294.31
RSM 312323184600 Hauling, haul road maintenance, includes loading	320.00	DAY	Subcontractor - Excavation - Earth ND	767.12 245,477.33	842.95 269,744.02	1,028.40 329,087.71	1,236.03 395,530.52	20.00% 79,106.10	1,483.24 474,636.62
9010613 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	565,973.56 565,973.56	587,694.93 587,694.93	716,987.82 716,987.82	861,747.66 861,747.66	172,349.53	1,034,097.19 1,034,097.19
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901061301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00		0.00
901061302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.27	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901061303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	42,185.00	BCY	Subcontractor - Excavation - Earth ND	125,098.00	130,081.95	158,699.98	190,741.50	38,148.30	228,889.80
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	42,185.00	BCY	Subcontractor - Excavation - Earth ND	40,206.09	40,933.47	49,938.83	60,021.48	12,004.30	72,025.77
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	42,185.00	BCY	Subcontractor - Excavation - Earth ND	41,516.43	43,738.42	53,360.87	64,134.43	12,826.89	76,961.32
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	42,185.00	BCY	Subcontractor - Excavation - Earth ND	27,431.12	28,146.31	34,338.50	41,271.45	8,254.29	49,525.74
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	42,185.00	BCY	Subcontractor - Excavation - Earth ND	15,944.37	17,263.75	21,061.78	25,314.15	5,062.83	30,376.98
				3.78	3.92	4.79	5.75		6.90
901061304 Excavation and Embankment - Channel - Type 4 Brenna	116,634.00	BCY	Subcontractor - Excavation - Earth ND	440,875.56	457,612.98	558,287.84	671,006.15	134,201.23	805,207.38
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Excavate	116,634.00	BCY	Subcontractor - Excavation - Earth ND	177,936.07	181,118.96	220,965.13	265,577.99	53,115.60	318,693.59
				1.23	1.29	1.58	1.90	20.00%	2.28
USR BARR Earthwork - Type 4 Brenna - Haul	116,634.00	BCY	Subcontractor - Excavation - Earth ND	143,014.02	150,943.29	184,150.81	221,330.86	44,266.17	265,597.04
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 4 Brenna - Spoil	116,634.00	BCY	Subcontractor - Excavation - Earth ND	75,842.14	77,819.54	94,939.84	114,108.19	22,821.64	136,929.83
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	116,634.00	BCY	Subcontractor - Excavation - Earth ND	44,083.33	47,731.19	58,232.06	69,989.11	13,997.82	83,986.93

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010614 Lower Bank Protection	110,081.00	CY	Subcontractor - Excavation - Earth ND	<i>91.78</i> 10,102,784.93	<i>96.37</i> 10,608,296.06	<i>117.57</i> 12,942,121.20	<i>141.31</i> 15,555,135.47	3,111,027.09	<i>169.57</i> 18,666,162.56
USR BARR Lower Bank Protection Riprap - Furnish and Install	110,081.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 8,601,672.93	<i>82.05</i> 9,032,128.46	<i>100.10</i> 11,019,196.73	<i>120.31</i> 13,243,972.54	<i>20.00%</i> 2,648,794.51	<i>144.37</i> 15,892,767.05
USR BARR Lower Bank Protection Geotextile - Furnish and Install	375,278.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 1,501,112.00	<i>4.20</i> 1,576,167.60	<i>5.12</i> 1,922,924.47	<i>6.16</i> 2,311,162.92	<i>20.00%</i> 462,232.58	<i>7.39</i> 2,773,395.51
9010615 Low Flow Channel Riprap Bank Protection	5,164.00	CY	Subcontractor - Excavation - Earth ND	<i>81.74</i> 422,120.31	<i>85.83</i> 443,243.78	<i>104.72</i> 540,757.41	<i>125.86</i> 649,936.33	129,987.27	<i>151.03</i> 779,923.59
USR BARR Grade Control Riprap - Furnish and Install	5,164.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 403,512.31	<i>82.05</i> 423,705.38	<i>100.10</i> 516,920.56	<i>120.31</i> 621,286.82	<i>20.00%</i> 124,257.36	<i>144.37</i> 745,544.18
USR BARR Grade Control Geotextile - Furnish and Install	4,652.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 18,608.00	<i>4.20</i> 19,538.40	<i>5.12</i> 23,836.85	<i>6.16</i> 28,649.51	<i>20.00%</i> 5,729.90	<i>7.39</i> 34,379.41
9010616 Topsoil Placement - Channel	486,703.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.13</i> 549,242.77	<i>1.16</i> 566,331.23	<i>1.42</i> 690,924.11	<i>1.71</i> 830,421.68	166,084.34	<i>2.05</i> 996,506.02
USR BARR Topsoil - Channel - Placement from Stockpile	486,703.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.13</i> 549,242.77	<i>1.16</i> 566,331.23	<i>1.42</i> 690,924.11	<i>1.71</i> 830,421.68	<i>20.00%</i> 166,084.34	<i>2.05</i> 996,506.02
9010617 Topsoil Placement - Spoil Berm	3,461,308.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.08</i> 3,737,141.38	<i>1.12</i> 3,871,505.41	<i>1.36</i> 4,723,236.60	<i>1.64</i> 5,676,858.07	1,135,371.61	<i>1.97</i> 6,812,229.69
USR BARR Topsoil - Berms - Placement from Stockpile	3,461,308.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.08</i> 3,737,141.38	<i>1.12</i> 3,871,505.41	<i>1.36</i> 4,723,236.60	<i>1.64</i> 5,676,858.07	<i>20.00%</i> 1,135,371.61	<i>1.97</i> 6,812,229.69

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010618 Dust Control	864.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 432,000.00	<i>500.00</i> 432,000.00	<i>610.00</i> 527,040.00	<i>733.16</i> 633,449.38	126,689.88	<i>879.79</i> 760,139.25
USR BARR Dust Control	864.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 432,000.00	<i>500.00</i> 432,000.00	<i>610.00</i> 527,040.00	<i>733.16</i> 633,449.38	20.00% 126,689.88	<i>879.79</i> 760,139.25
9010619 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	<i>2,040,000.00</i> 2,040,000.00	<i>2,091,000.00</i> 2,091,000.00	<i>2,551,020.00</i> 2,551,020.00	<i>3,066,070.94</i> 3,066,070.94	613,214.19	<i>3,679,285.13</i> 3,679,285.13
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	12.80	MI	Subcontractor - Excavation - Earth ND	<i>100,000.00</i> 1,280,000.00	<i>102,500.00</i> 1,312,000.00	<i>125,050.00</i> 1,600,640.00	<i>150,297.60</i> 1,923,809.22	20.00% 384,761.84	<i>180,357.11</i> 2,308,571.06
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	3.80	MI	Subcontractor - Excavation - Earth ND	<i>200,000.00</i> 760,000.00	<i>205,000.00</i> 779,000.00	<i>250,100.00</i> 950,380.00	<i>300,595.19</i> 1,142,261.72	20.00% 228,452.34	<i>360,714.23</i> 1,370,714.07
9010620 Site Restoration	2,468.00	ACR	Subcontractor - Excavation - Earth ND	<i>2,622.18</i> 6,471,551.19	<i>2,750.98</i> 6,789,420.49	<i>3,356.20</i> 8,283,092.99	<i>4,033.81</i> 9,955,449.47	1,991,089.89	<i>4,840.58</i> 11,946,539.36
USR BARR Seeding	2,468.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,272.18</i> 3,139,751.19	<i>1,393.48</i> 3,439,110.49	<i>1,700.05</i> 4,195,714.79	<i>2,043.29</i> 5,042,829.61	20.00% 1,008,565.92	<i>2,451.94</i> 6,051,395.53
USR BARR Straw Mulch and Disk Anchoring	2,468.00	ACR	Subcontractor - Excavation - Earth ND	<i>400.00</i> 987,200.00	<i>405.00</i> 999,540.00	<i>494.10</i> 1,219,438.80	<i>593.86</i> 1,465,643.49	20.00% 293,128.70	<i>712.63</i> 1,758,772.19
USR BARR Vegetation Establishment and Maintenance	2,468.00	ACR	Subcontractor - Excavation - Earth ND	<i>950.00</i> 2,344,600.00	<i>952.50</i> 2,350,770.00	<i>1,162.05</i> 2,867,939.40	<i>1,396.67</i> 3,446,976.36	20.00% 689,395.27	<i>1,676.00</i> 4,136,371.64
9010621 Snow Removal	3,070.00	HR	Subcontractor - Excavation - Earth ND	<i>102.39</i> 314,324.81	<i>111.70</i> 342,927.08	<i>136.28</i> 418,371.04	<i>163.79</i> 502,840.15	100,568.03	<i>196.55</i> 603,408.18

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Snow Removal	3,070.00	HR	Subcontractor - Excavation - Earth ND	102.39 314,324.81	111.70 342,927.08	136.28 418,371.04	163.79 502,840.15	20.00% 100,568.03	196.55 603,408.18
9010622 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	192,000.00	194,400.00	237,168.00	285,052.22	57,010.44	342,062.66
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	192,000.00	194,400.00	237,168.00	285,052.22	57,010.44	342,062.66
90107 Reach 2018	1.00	EA	Subcontractor - Excavation - Earth ND	7,426,048.44 7,426,048.44	7,755,514.32 7,755,514.32	9,461,727.47 9,461,727.47	11,372,050.25 11,372,050.25	2,274,410.05	13,646,460.29 13,646,460.29
9010701 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	120,000.00	120,000.00	146,400.00	175,958.16	35,191.63	211,149.79
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	120,000.00	120,000.00	146,400.00	175,958.16	35,191.63	211,149.79
9010702 Clearing and Grubbing	13.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 13,653.62	1,152.69 14,984.97	1,406.28 18,281.66	1,690.21 21,972.72	4,394.54	2,028.25 26,367.27
USR BARR Clearing and Grubbing	13.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 13,653.62	1,152.69 14,984.97	1,406.28 18,281.66	1,690.21 21,972.72	20.00% 4,394.54	2,028.25 26,367.27
9010703 Temporary Erosion and Sedimentation Control	1.00	LS	Subcontractor - Excavation - Earth ND	537,830.21	580,621.64	708,358.40	851,375.97	170,275.19	1,021,651.16
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	34,849.00	LF	Subcontractor - Excavation - Earth ND	2.53 88,259.57	3.04 106,096.24	3.71 129,437.42	4.46 155,570.83	20.00% 31,114.17	5.36 186,685.00
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	53,717.00	SY	Subcontractor - Excavation - Earth ND	6.31 338,949.97	6.76 363,139.52	8.25 443,030.22	9.91 532,478.02	20.00% 106,495.60	11.90 638,973.62

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Temporary Sedimentation Basins	17,067.00	BCY	Subcontractor - Excavation - Earth ND	2.97 50,620.66	2.92 49,885.88	3.57 60,860.77	4.29 73,148.56	20.00% 14,629.71	5.14 87,778.27
USR BARR Rock Checks	75.00	EA	Subcontractor - Excavation - Earth ND	800.00 60,000.00	820.00 61,500.00	1,000.40 75,030.00	1,202.38 90,178.56	20.00% 18,035.71	1,442.86 108,214.27
9010704 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	202,619.81 202,619.81	211,633.47 211,633.47	258,192.83 258,192.83	310,321.96 310,321.96	62,064.39	372,386.35 372,386.35
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	36.00	DAY	Subcontractor - Excavation - Earth ND	909.58 32,744.81	1,046.81 37,685.03	1,277.10 45,975.74	1,534.95 55,258.24	20.00% 11,051.65	1,841.94 66,309.88
USR BARR Temporary Storm Sewer Pipe	555.00	LF	Subcontractor - Excavation - Earth ND	25.00 13,875.00	25.31 14,048.44	30.88 17,139.09	37.12 20,599.48	20.00% 4,119.90	44.54 24,719.37
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	156,000.00	159,900.00	195,078.00	234,464.25	46,892.85	281,357.10
9010705 Strip and Stockpile Topsoil - Channel	156,731.00	BCY	Subcontractor - Excavation - Earth ND	1.32 206,823.37	1.35 212,089.06	1.65 258,748.65	1.98 310,990.00	62,198.00	2.38 373,188.01
USR BARR Topsoil - Channel - Strip	156,731.00	BCY	Subcontractor - Excavation - Earth ND	0.73 114,653.09	0.75 117,301.79	0.91 143,108.19	1.10 172,001.73	20.00% 34,400.35	1.32 206,402.08
USR BARR Topsoil - Channel - Stockpile	156,731.00	BCY	Subcontractor - Excavation - Earth ND	0.59 92,170.28	0.60 94,787.27	0.74 115,640.46	0.89 138,988.27	20.00% 27,797.65	1.06 166,785.93
				0.99	1.02	1.24	1.49		1.79

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010706 Strip and Stockpile Topsoil - Spoil Berm	50,527.00	BCY	Subcontractor - Excavation - Earth ND	49,936.83	51,406.00	62,715.32	75,377.55	15,075.51	90,453.05
USR BARR Topsoil - Berms - Strip and Stockpile	50,527.00	BCY	Subcontractor - Excavation - Earth ND	49,936.83	51,406.00	62,715.32	75,377.55	15,075.51	90,453.05
				0.99	1.02	1.24	1.49	20.00%	1.79
9010707 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	538,140.00	BCY	Subcontractor - Excavation - Earth ND	1,066,077.67	1,105,542.54	1,348,761.90	1,621,076.93	324,215.39	1,945,292.31
752 BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	538,140.00	BCY	Subcontractor - Excavation - Earth ND	512,751.07	526,261.44	642,038.96	771,666.63	154,333.33	925,999.95
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	538,140.00	BCY	Subcontractor - Excavation - Earth ND	349,929.62	359,053.17	438,044.87	526,486.12	105,297.22	631,783.35
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	538,140.00	BCY	Subcontractor - Excavation - Earth ND	203,396.98	220,227.93	268,678.07	322,924.17	64,584.83	387,509.01
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
				7.85	0.00	0.00	0.00	0.00%	0.00
9010708 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	253,002.00	BCY	Subcontractor - Excavation - Earth ND	581,562.66	602,234.00	734,725.48	883,066.56	176,613.31	1,059,679.87
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	253,002.00	BCY	Subcontractor - Excavation - Earth ND	321,420.81	329,889.86	402,465.63	483,723.44	96,744.69	580,468.13
				1.27	1.30	1.59	1.91	20.00%	2.29

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	253,002.00	BCY	Subcontractor - Excavation - Earth ND	0.65 164,516.47	0.67 168,805.83	0.81 205,943.11	0.98 247,523.03	20.00% 49,504.61	1.17 297,027.63
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	253,002.00	BCY	Subcontractor - Excavation - Earth ND	0.38 95,625.38	0.41 103,538.31	0.50 126,316.74	0.60 151,820.09	20.00% 30,364.02	0.72 182,184.10
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010709 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	289,488.00	BCY	Subcontractor - Excavation - Earth ND	2.97 858,465.56	3.08 892,667.14	3.76 1,089,053.91	4.52 1,308,933.90	261,786.78	5.43 1,570,720.68
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	289,488.00	BCY	Subcontractor - Excavation - Earth ND	0.95 275,908.01	0.97 280,899.54	1.18 342,697.43	1.42 411,888.05	20.00% 82,377.61	1.71 494,265.66
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	289,488.00	BCY	Subcontractor - Excavation - Earth ND	0.98 284,900.05	1.04 300,148.09	1.26 366,180.67	1.52 440,112.55	20.00% 88,022.51	1.82 528,135.06
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	289,488.00	BCY	Subcontractor - Excavation - Earth ND	0.65 188,241.77	0.67 193,149.71	0.81 235,642.64	0.98 283,218.89	20.00% 56,643.78	1.17 339,862.67
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	289,488.00	BCY	Subcontractor - Excavation - Earth ND	0.38 109,415.74	0.41 118,469.81	0.50 144,533.16	0.60 173,714.41	20.00% 34,742.88	0.72 208,457.29
9010710 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00
				1.53	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
9010711 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				392,603.28	414,869.71	506,141.04	608,330.92		729,997.10
9010712 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	392,603.28	414,869.71	506,141.04	608,330.92	121,666.18	729,997.10
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	17,363.00	BCY	Subcontractor - Excavation - Earth ND	136,335.20	143,060.92	174,534.32	209,772.80	41,954.56	251,727.36
				20.82	21.87	26.69	32.07	20.00%	38.49
USR BARR Aggregate Base - Class V - Furnish and Install	9,767.00	ECY	Subcontractor - Excavation - Earth ND	203,337.03	213,645.23	260,647.18	313,271.85	62,654.37	375,926.22
				767.12	842.95	1,028.40	1,236.03	20.00%	1,483.24
RSM 312323184600 Hauling, haul road maintenance, includes loading	69.00	DAY	Subcontractor - Excavation - Earth ND	52,931.05	58,163.56	70,959.54	85,286.27	17,057.25	102,343.52

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010713 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	<i>12,052.42</i> 12,052.42	<i>12,493.63</i> 12,493.63	<i>15,242.23</i> 15,242.23	<i>18,319.64</i> 18,319.64	3,663.93	<i>21,983.57</i> 21,983.57
901071301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	428.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.98</i> 847.89	<i>2.05</i> 879.27	<i>2.51</i> 1,072.71	<i>3.01</i> 1,289.29	257.86	<i>3.61</i> 1,547.15
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	428.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 407.81	<i>0.98</i> 418.55	<i>1.19</i> 510.63	<i>1.43</i> 613.73	<i>20.00%</i> 122.75	<i>1.72</i> 736.48
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	428.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 278.31	<i>0.67</i> 285.57	<i>0.81</i> 348.39	<i>0.98</i> 418.73	<i>20.00%</i> 83.75	<i>1.17</i> 502.48
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	428.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.38</i> 161.77	<i>0.41</i> 175.15	<i>0.50</i> 213.69	<i>0.60</i> 256.83	<i>20.00%</i> 51.37	<i>0.72</i> 308.20
901071302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	3,703.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.30</i> 8,511.90	<i>2.38</i> 8,814.45	<i>2.90</i> 10,753.62	<i>3.49</i> 12,924.78	2,584.96	<i>4.19</i> 15,509.74
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	3,703.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.27</i> 4,704.39	<i>1.30</i> 4,828.35	<i>1.59</i> 5,890.59	<i>1.91</i> 7,079.90	<i>20.00%</i> 1,415.98	<i>2.29</i> 8,495.88
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	3,703.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 2,407.90	<i>0.67</i> 2,470.68	<i>0.81</i> 3,014.23	<i>0.98</i> 3,622.81	<i>20.00%</i> 724.56	<i>1.17</i> 4,347.37
				<i>0.38</i>	<i>0.41</i>	<i>0.50</i>	<i>0.60</i>	<i>20.00%</i>	<i>0.72</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	3,703.00	BCY	Subcontractor - Excavation - Earth ND	1,399.60	1,515.41	1,848.80	2,222.08	444.42	2,666.49
901071303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	908.00	BCY	Subcontractor - Excavation - Earth ND	2,692.64	2,799.91	3,415.90	4,105.57	821.11	4,926.68
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	908.00	BCY	Subcontractor - Excavation - Earth ND	865.41	881.06	1,074.90	1,291.92	258.38	1,550.30
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	908.00	BCY	Subcontractor - Excavation - Earth ND	893.61	941.44	1,148.55	1,380.44	276.09	1,656.53
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	908.00	BCY	Subcontractor - Excavation - Earth ND	590.43	605.83	739.11	888.34	177.67	1,066.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	908.00	BCY	Subcontractor - Excavation - Earth ND	343.19	371.59	453.34	544.87	108.97	653.84
901071304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010714 Lower Bank Protection	23,874.00	CY	Subcontractor - Excavation - Earth ND	91.78 2,191,058.12	96.37 2,300,691.69	117.57 2,806,843.86	141.31 3,373,545.63	674,709.13	169.57 4,048,254.76
USR BARR Lower Bank Protection Riprap - Furnish and Install	23,874.00	CY	Subcontractor - Excavation - Earth ND	78.14 1,865,502.12	82.05 1,958,857.89	100.10 2,389,806.62	120.31 2,872,308.58	20.00% 574,461.72	144.37 3,446,770.29
USR BARR Lower Bank Protection Geotextile - Furnish and Install	81,389.00	SY	Subcontractor - Excavation - Earth ND	4.00 325,556.00	4.20 341,833.80	5.12 417,037.24	6.16 501,237.05	20.00% 100,247.41	7.39 601,484.46
9010715 Low Flow Channel Riprap Protection	1,120.00	CY	Subcontractor - Excavation - Earth ND	81.74 91,552.23	85.83 96,133.62	104.72 117,283.02	125.86 140,962.46	28,192.49	151.03 169,154.95
USR BARR Grade Control Riprap - Furnish and Install	1,120.00	CY	Subcontractor - Excavation - Earth ND	78.14 87,516.23	82.05 91,895.82	100.10 112,112.90	120.31 134,748.50	20.00% 26,949.70	144.37 161,698.20
USR BARR Grade Control Geotextile - Furnish and Install	1,009.00	SY	Subcontractor - Excavation - Earth ND	4.00 4,036.00	4.20 4,237.80	5.12 5,170.12	6.16 6,213.96	20.00% 1,242.79	7.39 7,456.75
9010716 Topsoil Placement - Channel	52,244.00	BCY	Subcontractor - Excavation - Earth ND	1.13 58,957.19	1.16 60,791.51	1.42 74,165.64	1.71 89,139.68	17,827.94	2.05 106,967.62
USR BARR Topsoil - Channel - Placement from Stockpile	52,244.00	BCY	Subcontractor - Excavation - Earth ND	1.13 58,957.19	1.16 60,791.51	1.42 74,165.64	1.71 89,139.68	20.00% 17,827.94	2.05 106,967.62
9010717 Topsoil Placement - Spoil Berm	58,838.00	BCY	Subcontractor - Excavation - Earth ND	1.08 63,526.83	1.12 65,810.85	1.36 80,289.24	1.64 96,499.64	19,299.93	1.97 115,799.57

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Topsoil - Berms - Placement from Stockpile	58,838.00	BCY	Subcontractor - Excavation - Earth ND	1.08 63,526.83	1.12 65,810.85	1.36 80,289.24	1.64 96,499.64	20.00% 19,299.93	1.97 115,799.57
9010718 Dust Control	187.00	DAY	Subcontractor - Excavation - Earth ND	500.00 93,500.00	500.00 93,500.00	610.00 114,070.00	733.16 137,100.73	27,420.15	879.79 164,520.88
USR BARR Dust Control	187.00	DAY	Subcontractor - Excavation - Earth ND	500.00 93,500.00	500.00 93,500.00	610.00 114,070.00	733.16 137,100.73	20.00% 27,420.15	879.79 164,520.88
9010719 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	440,000.00 440,000.00	451,000.00 451,000.00	550,220.00 550,220.00	661,309.42 661,309.42	132,261.88	793,571.30 793,571.30
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.80	MI	Subcontractor - Excavation - Earth ND	100,000.00 280,000.00	102,500.00 287,000.00	125,050.00 350,140.00	150,297.60 420,833.27	20.00% 84,166.65	180,357.11 504,999.92
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.80	MI	Subcontractor - Excavation - Earth ND	200,000.00 160,000.00	205,000.00 164,000.00	250,100.00 200,080.00	300,595.19 240,476.15	20.00% 48,095.23	360,714.23 288,571.38
9010720 Site Restoration	128.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 335,639.61	2,750.98 352,125.54	3,356.20 429,593.15	4,033.81 516,328.01	103,265.60	4,840.58 619,593.61
USR BARR Seeding	128.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 162,839.61	1,393.48 178,365.54	1,700.05 217,605.95	2,043.29 261,540.60	20.00% 52,308.12	2,451.94 313,848.71
USR BARR Straw Mulch and Disk Anchoring	128.00	ACR	Subcontractor - Excavation - Earth ND	400.00 51,200.00	405.00 51,840.00	494.10 63,244.80	593.86 76,013.93	20.00% 15,202.79	712.63 91,216.71
USR BARR Vegetation Establishment and Maintenance	128.00	ACR	Subcontractor - Excavation - Earth ND	950.00 121,600.00	952.50 121,920.00	1,162.05 148,742.40	1,396.67 178,773.49	20.00% 35,754.70	1,676.00 214,528.19

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010721 Snow Removal	666.00	HR	Subcontractor - Excavation - Earth ND	<i>102.39</i> 68,189.03	<i>111.70</i> 74,393.95	<i>136.28</i> 90,760.62	<i>163.79</i> 109,085.19	21,817.04	<i>196.55</i> 130,902.23
USR BARR Snow Removal	666.00	HR	Subcontractor - Excavation - Earth ND	<i>102.39</i> 68,189.03	<i>111.70</i> 74,393.95	<i>136.28</i> 90,760.62	<i>163.79</i> 109,085.19	20.00% 21,817.04	<i>196.55</i> 130,902.23
9010722 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	42,000.00	42,525.00	51,880.50	62,355.17	12,471.03	74,826.21
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	42,000.00	42,525.00	51,880.50	62,355.17	12,471.03	74,826.21
90108 Reach 2019	1.00	EA	Subcontractor - Excavation - Earth ND	<i>3,942,065.90</i> 3,942,065.90	<i>4,120,848.09</i> 4,120,848.09	<i>5,027,434.67</i> 5,027,434.67	<i>6,042,473.73</i> 6,042,473.73	1,208,494.75	<i>7,250,968.47</i> 7,250,968.47
9010801 Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	14,663.18	87,979.08
USR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	50,000.00	61,000.00	73,315.90	14,663.18	87,979.08
9010802 Clearing and Grubbing	16.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 16,804.45	<i>1,152.69</i> 18,443.03	<i>1,406.28</i> 22,500.50	<i>1,690.21</i> 27,043.35	5,408.67	<i>2,028.25</i> 32,452.02
USR BARR Clearing and Grubbing	16.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 16,804.45	<i>1,152.69</i> 18,443.03	<i>1,406.28</i> 22,500.50	<i>1,690.21</i> 27,043.35	20.00% 5,408.67	<i>2,028.25</i> 32,452.02
9010803 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	<i>334,809.02</i> 334,809.02	<i>358,271.11</i> 358,271.11	<i>437,090.75</i> 437,090.75	<i>525,339.37</i> 525,339.37	105,067.87	<i>630,407.25</i> 630,407.25
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	19,506.00	LF	Subcontractor - Excavation - Earth ND	<i>2.53</i> 49,401.45	<i>3.04</i> 59,385.16	<i>3.71</i> 72,449.89	<i>4.46</i> 87,077.53	20.00% 17,415.51	<i>5.36</i> 104,493.03

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	30,067.00	SY	Subcontractor - Excavation - Earth ND	6.31 189,720.36	6.76 203,259.97	8.25 247,977.17	9.91 298,043.76	20.00% 59,608.75	11.90 357,652.51
USR BARR Temporary Sedimentation Basins	20,933.00	BCY	Subcontractor - Excavation - Earth ND	2.97 62,087.21	2.92 61,185.98	3.57 74,646.89	4.29 89,718.10	20.00% 17,943.62	5.14 107,661.72
USR BARR Rock Checks	42.00	EA	Subcontractor - Excavation - Earth ND	800.00 33,600.00	820.00 34,440.00	1,000.40 42,016.80	1,202.38 50,499.99	20.00% 10,100.00	1,442.86 60,599.99
9010804 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	127,796.43 127,796.43	135,931.67 135,931.67	165,836.63 165,836.63	199,319.05 199,319.05	39,863.81	239,182.86 239,182.86
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	44.00	DAY	Subcontractor - Excavation - Earth ND	909.58 40,021.43	1,046.81 46,059.48	1,277.10 56,192.57	1,534.95 67,537.84	20.00% 13,507.57	1,841.94 81,045.41
USR BARR Temporary Storm Sewer Pipe	311.00	LF	Subcontractor - Excavation - Earth ND	25.00 7,775.00	25.31 7,872.19	30.88 9,604.07	37.12 11,543.13	20.00% 2,308.63	44.54 13,851.76
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	80,000.00	82,000.00	100,040.00	120,238.08	24,047.62	144,285.69
9010805 Strip and Stockpile Topsoil - Channel	100,479.00	BCY	Subcontractor - Excavation - Earth ND	1.32 132,592.82	1.35 135,968.61	1.65 165,881.71	1.98 199,373.22	39,874.64	2.38 239,247.87
USR BARR Topsoil - Channel - Strip	100,479.00	BCY	Subcontractor - Excavation - Earth ND	0.73 73,503.19	0.75 75,201.25	0.91 91,745.52	1.10 110,268.94	20.00% 22,053.79	1.32 132,322.73
				0.59	0.60	0.74	0.89	20.00%	1.06

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Topsoil - Channel - Stockpile	100,479.00	BCY	Subcontractor - Excavation - Earth ND	59,089.64	60,767.36	74,136.18	89,104.28	17,820.86	106,925.13
9010806 Strip and Stockpile Topsoil - Spoil Berm	153,638.00	BCY	Subcontractor - Excavation - Earth ND	151,843.46	156,310.79	190,699.16	229,201.33	45,840.27	275,041.59
USR BARR Topsoil - Berms - Strip and Stockpile	153,638.00	BCY	Subcontractor - Excavation - Earth ND	151,843.46	156,310.79	190,699.16	229,201.33	45,840.27	275,041.59
9010807 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	100,000.00	BCY	Subcontractor - Excavation - Earth ND	95,282.10	97,792.66	119,307.05	143,395.14	28,679.03	172,074.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	100,000.00	BCY	Subcontractor - Excavation - Earth ND	95,282.10	97,792.66	119,307.05	143,395.14	28,679.03	172,074.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
9010808 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	30,605.00	BCY	Subcontractor - Excavation - Earth ND	70,350.14	72,850.70	88,877.85	106,822.29	21,364.46	128,186.74

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				1.27	1.30	1.59	1.91	20.00%	2.29
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	30,605.00	BCY	Subcontractor - Excavation - Earth ND	38,881.45	39,905.93	48,685.23	58,514.78	11,702.96	70,217.73
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	30,605.00	BCY	Subcontractor - Excavation - Earth ND	19,901.13	20,420.01	24,912.41	29,942.22	5,988.44	35,930.67
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	30,605.00	BCY	Subcontractor - Excavation - Earth ND	11,567.56	12,524.76	15,280.21	18,365.28	3,673.06	22,038.34
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
9010809 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	115,140.00	BCY	Subcontractor - Excavation - Earth ND	341,443.25	355,046.48	433,156.70	520,611.04	104,122.21	624,733.25
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	115,140.00	BCY	Subcontractor - Excavation - Earth ND	109,738.74	111,724.05	136,303.34	163,822.99	32,764.60	196,587.59
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	115,140.00	BCY	Subcontractor - Excavation - Earth ND	113,315.20	119,379.91	145,643.49	175,048.91	35,009.78	210,058.69
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	115,140.00	BCY	Subcontractor - Excavation - Earth ND	74,870.66	76,822.73	93,723.73	112,646.55	22,529.31	135,175.86
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	115,140.00	BCY	Subcontractor - Excavation - Earth ND	43,518.65	47,119.79	57,486.14	69,092.60	13,818.52	82,911.11

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010810 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	1.53 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	1.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010811 Excavation and Embankment - Channel	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Haul from No-Spoil Areas	0.00	BCY	Subcontractor - Excavation - Earth ND	0.23 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9010812 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	220,047.93	232,540.11	283,698.93	340,977.75	68,195.55	409,173.30
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	9,719.00	BCY	Subcontractor - Excavation - Earth ND	7.85 76,314.11	8.24 80,078.85	10.05 97,696.20	12.08 117,421.06	20.00% 23,484.21	14.50 140,905.27
				20.82	21.87	26.69	32.07	20.00%	38.49

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Aggregate Base - Class V - Furnish and Install	5,467.00	ECY	Subcontractor - Excavation - Earth ND	113,816.27	119,586.21	145,895.17	175,351.41	35,070.28	210,421.69
RSM 312323184600 Hauling, haul road maintenance, includes loading	39.00	DAY	Subcontractor - Excavation - Earth ND	29,917.55	32,875.05	40,107.56	48,205.28	9,641.06	57,846.34
9010813 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	61,065.57	63,495.69	77,464.74	93,104.87	18,620.97	111,725.85
901081301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
901081302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	279.00	BCY	Subcontractor - Excavation - Earth ND	641.32	664.12	810.22	973.81	194.76	1,168.57
				1.27	1.30	1.59	1.91	20.00%	2.29

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	279.00	BCY	Subcontractor - Excavation - Earth ND	354.45	363.79	443.82	533.43	106.69	640.12
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	279.00	BCY	Subcontractor - Excavation - Earth ND	181.42	186.15	227.11	272.96	54.59	327.55
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	279.00	BCY	Subcontractor - Excavation - Earth ND	105.45	114.18	139.30	167.42	33.48	200.90
				2.97	3.08	3.76	4.52		5.43
901081303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	20,376.00	BCY	Subcontractor - Excavation - Earth ND	60,424.25	62,831.57	76,654.52	92,131.06	18,426.21	110,557.28
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	20,376.00	BCY	Subcontractor - Excavation - Earth ND	19,420.15	19,771.49	24,121.22	28,991.29	5,798.26	34,789.55
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	20,376.00	BCY	Subcontractor - Excavation - Earth ND	20,053.07	21,126.32	25,774.12	30,977.91	6,195.58	37,173.49
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	20,376.00	BCY	Subcontractor - Excavation - Earth ND	13,249.65	13,595.10	16,586.02	19,934.74	3,986.95	23,921.69
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	20,376.00	BCY	Subcontractor - Excavation - Earth ND	7,701.37	8,338.66	10,173.16	12,227.12	2,445.42	14,672.55
				0.00	0.00	0.00	0.00		0.00
901081304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				91.78	96.37	117.57	141.31		169.57
9010814 Lower Bank Protection	13,363.00	CY	Subcontractor - Excavation - Earth ND	1,226,401.97	1,287,767.22	1,571,076.00	1,888,276.25	377,655.25	2,265,931.50
				78.14	82.05	100.10	120.31	20.00%	144.37
USR BARR Lower Bank Protection Riprap - Furnish and Install	13,363.00	CY	Subcontractor - Excavation - Earth ND	1,044,177.97	1,096,432.02	1,337,647.06	1,607,718.00	321,543.60	1,929,261.60
				4.00	4.20	5.12	6.16	20.00%	7.39
USR BARR Lower Bank Protection Geotextile - Furnish and Install	45,556.00	SY	Subcontractor - Excavation - Earth ND	182,224.00	191,335.20	233,428.94	280,558.25	56,111.65	336,669.90
				81.74	85.83	104.72	125.86		151.03
9010815 Low Flow Channel Riprap Protection	627.00	CY	Subcontractor - Excavation - Earth ND	51,253.46	53,818.25	65,658.26	78,914.67	15,782.93	94,697.60
				78.14	82.05	100.10	120.31	20.00%	144.37
USR BARR Grade Control Riprap - Furnish and Install	627.00	CY	Subcontractor - Excavation - Earth ND	48,993.46	51,445.25	62,763.20	75,435.10	15,087.02	90,522.12
				4.00	4.20	5.12	6.16	20.00%	7.39
USR BARR Grade Control Geotextile - Furnish and Install	565.00	SY	Subcontractor - Excavation - Earth ND	2,260.00	2,373.00	2,895.06	3,479.57	695.91	4,175.49

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9010816 Topsoil Placement - Channel	33,493.00	BCY	Subcontractor - Excavation - Earth ND	1.13 37,796.74	1.16 38,972.70	1.42 47,546.70	1.71 57,146.38	11,429.28	2.05 68,575.65
USR BARR Topsoil - Channel - Placement from Stockpile	33,493.00	BCY	Subcontractor - Excavation - Earth ND	1.13 37,796.74	1.16 38,972.70	1.42 47,546.70	1.71 57,146.38	20.00% 11,429.28	2.05 68,575.65
9010817 Topsoil Placement - Spoil Berm	220,624.00	BCY	Subcontractor - Excavation - Earth ND	1.08 238,205.64	1.12 246,770.01	1.36 301,059.41	1.64 361,843.31	72,368.66	1.97 434,211.97
USR BARR Topsoil - Berms - Placement from Stockpile	220,624.00	BCY	Subcontractor - Excavation - Earth ND	1.08 238,205.64	1.12 246,770.01	1.36 301,059.41	1.64 361,843.31	20.00% 72,368.66	1.97 434,211.97
9010818 Dust Control	105.00	DAY	Subcontractor - Excavation - Earth ND	500.00 52,500.00	500.00 52,500.00	610.00 64,050.00	733.16 76,981.70	15,396.34	879.79 92,378.03
USR BARR Dust Control	105.00	DAY	Subcontractor - Excavation - Earth ND	500.00 52,500.00	500.00 52,500.00	610.00 64,050.00	733.16 76,981.70	20.00% 15,396.34	879.79 92,378.03
9010819 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	260,000.00 260,000.00	266,500.00 266,500.00	325,130.00 325,130.00	390,773.75 390,773.75	78,154.75	468,928.50 468,928.50
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	1.60	MI	Subcontractor - Excavation - Earth ND	100,000.00 160,000.00	102,500.00 164,000.00	125,050.00 200,080.00	150,297.60 240,476.15	20.00% 48,095.23	180,357.11 288,571.38
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.50	MI	Subcontractor - Excavation - Earth ND	200,000.00 100,000.00	205,000.00 102,500.00	250,100.00 125,050.00	300,595.19 150,297.60	20.00% 30,059.52	360,714.23 180,357.11
9010820 Site Restoration	157.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 411,682.96	2,750.98 431,903.98	3,356.20 526,922.85	4,033.81 633,308.58	126,661.72	4,840.58 759,970.29

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Seeding	157.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 199,732.96	1,393.48 218,776.48	1,700.05 266,907.30	2,043.29 320,795.89	20.00% 64,159.18	2,451.94 384,955.06
USR BARR Straw Mulch and Disk Anchoring	157.00	ACR	Subcontractor - Excavation - Earth ND	400.00 62,800.00	405.00 63,585.00	494.10 77,573.70	593.86 93,235.83	20.00% 18,647.17	712.63 111,883.00
USR BARR Vegetation Establishment and Maintenance	157.00	ACR	Subcontractor - Excavation - Earth ND	950.00 149,150.00	952.50 149,542.50	1,162.05 182,441.85	1,396.67 219,276.86	20.00% 43,855.37	1,676.00 263,132.23
9010821 Snow Removal	373.00	HR	Subcontractor - Excavation - Earth ND	102.39 38,189.95	111.70 41,665.08	136.28 50,831.40	163.79 61,094.26	12,218.85	196.55 73,313.11
USR BARR Snow Removal	373.00	HR	Subcontractor - Excavation - Earth ND	102.39 38,189.95	111.70 41,665.08	136.28 50,831.40	163.79 61,094.26	20.00% 12,218.85	196.55 73,313.11
9010822 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	24,000.00	24,300.00	29,646.00	35,631.53	7,126.31	42,757.83
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	24,000.00	24,300.00	29,646.00	35,631.53	7,126.31	42,757.83
9010823 Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR Embankment Erosion Control	0.00	EA	Subcontractor - Excavation - Earth MN	670,000.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
902 Hydraulic Structure - Red River Control Structure	1.00	EA	Subcontractor - Excavation - Earth MN	29,749,268.26	31,954,098.19	39,400,238.97	47,355,147.22	9,471,029.44	56,826,176.67
90201 Hydraulic Structure - Red River Control Structure - Site work	1.00	LS	Subcontractor - Excavation - Earth MN	10,002,269.91	10,606,455.99	12,950,552.84	15,565,269.46	3,113,053.89	18,678,323.35

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9020101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth MN	42,000.00	42,000.00	51,240.00	61,585.36	12,317.07	73,902.43
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth MN	42,000.00	42,000.00	51,240.00	61,585.36	12,317.07	73,902.43
9020102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth MN	319,047.82	348,045.90	424,616.00	510,345.97	102,069.19	612,415.16
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	15,000.00	LF	Subcontractor - Excavation - Earth MN	37,989.43	47,735.15	58,236.88	69,994.91	13,998.98	83,993.89
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	38,720.00	SY	Subcontractor - Excavation - Earth MN	244,320.10	263,624.93	321,622.42	386,557.98	77,311.60	463,869.58
USR BARR Temporary Sedimentation Basins	10,667.00	BCY	Subcontractor - Excavation - Earth MN	31,638.29	31,458.32	38,379.15	46,127.90	9,225.58	55,353.47
USR BARR Floating Silt Curtain	600.00	LF	Subcontractor - Excavation - Earth MN	5,100.00	5,227.50	6,377.55	7,665.18	1,533.04	9,198.21
9020103 Clearing and Grubbing	35.00	ACR	Subcontractor - Excavation - Earth MN	36,759.75	41,613.91	50,768.97	61,019.22	12,203.84	73,223.07
USR BARR Clearing and Grubbing	35.00	ACR	Subcontractor - Excavation - Earth MN	36,759.75	41,613.91	50,768.97	61,019.22	12,203.84	73,223.07
9020104 Strip and Stockpile Topsoil	121,133.00	BCY	Subcontractor - Excavation - Earth MN	159,847.99	166,642.56	203,303.92	244,350.99	48,870.20	293,221.18

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Topsoil - Channel - Strip	121,133.00	BCY	Subcontractor - Excavation - Earth MN	0.73 88,612.17	0.76 92,133.73	0.93 112,403.15	1.12 135,097.34	20.00% 27,019.47	1.34 162,116.81
USR BARR Topsoil - Channel - Stockpile	121,133.00	BCY	Subcontractor - Excavation - Earth MN	0.59 71,235.83	0.62 74,508.83	0.75 90,900.78	0.90 109,253.64	20.00% 21,850.73	1.08 131,104.37
9020105 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth MN	212,057.32 212,057.32	227,176.63 227,176.63	277,155.49 277,155.49	333,113.18 333,113.18	66,622.64	399,735.81 399,735.81
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	2,267.00	BCY	Subcontractor - Excavation - Earth MN	7.85 17,800.60	8.41 19,058.17	10.26 23,250.97	12.33 27,945.34	20.00% 5,589.07	14.79 33,534.41
USR BARR Aggregate Base - Class V - Furnish and Install	7,120.00	ECY	Subcontractor - Excavation - Earth MN	20.82 148,229.72	21.90 155,898.43	26.71 190,196.09	32.11 228,596.68	20.00% 45,719.34	38.53 274,316.01
RSM 312323184600 Hauling, haul road maintenance, includes loading	60.00	DAY	Subcontractor - Excavation - Earth MN	767.12 46,027.00	870.33 52,220.03	1,061.81 63,708.43	1,276.19 76,571.16	20.00% 15,314.23	1,531.42 91,885.40
9020106 Coffering - Steel Sheetpile	9,000.00	SF	Subcontractor - Pile Driving MN	37.27 335,389.82	39.54 355,884.61	49.43 444,855.76	59.41 534,672.14	106,934.43	71.29 641,606.57
USR BARR Sheet Piling - Furnish Material	9,000.00	SF	Subcontractor - Pile Driving MN	17.50 157,500.00	18.38 165,375.00	22.97 206,718.75	27.61 248,455.27	20.00% 49,691.05	33.13 298,146.32
USR BARR Sheet Piling - Unload Sheeting	7.00	EA	Subcontractor - Pile Driving MN	212.33 1,486.28	267.77 1,874.40	334.71 2,342.99	402.29 2,816.05	20.00% 563.21	482.75 3,379.25
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving MN	2,406.95 4,813.90	2,858.79 5,717.57	3,573.48 7,146.97	4,294.97 8,589.94	20.00% 1,717.99	5,153.96 10,307.93
USR BARR Sheet Piling - Drive Sheets	200.00	EA	Subcontractor - Pile Driving MN	160.46 32,092.64	190.59 38,117.16	238.23 47,646.44	286.33 57,266.26	20.00% 11,453.25	343.60 68,719.51

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				13.74	18.63	23.28	27.98	20.00%	33.58
USR BARR Sheet Piling - Cut Sheets	400.00	EA	Subcontractor - Pile Driving MN	5,497.00	7,450.48	9,313.10	11,193.42	2,238.68	13,432.11
USR BARR Control of water	1.00	LS	Subcontractor - Pile Driving MN	134,000.00	137,350.00	171,687.50	206,351.21	41,270.24	247,621.45
9020107 Embankment - Temporary Levee	3,768.00	BCY	Subcontractor - Excavation - Earth MN	37,051.10	39,562.40	48,266.12	58,011.05	11,602.21	69,613.27
				0.95	0.99	1.21	1.46	20.00%	1.75
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Excavate	3,768.00	BCY	Subcontractor - Excavation - Earth MN	3,590.23	3,747.19	4,571.57	5,494.57	1,098.91	6,593.48
				0.65	0.68	0.83	0.99	20.00%	1.19
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Spoil	3,768.00	BCY	Subcontractor - Excavation - Earth MN	2,450.17	2,555.65	3,117.89	3,747.40	749.48	4,496.88
				0.38	0.42	0.51	0.62	20.00%	0.74
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Semi Compact and Manage Moisture Content	3,768.00	BCY	Subcontractor - Excavation - Earth MN	1,424.16	1,582.81	1,931.03	2,320.90	464.18	2,785.09
				7.85	8.41	10.26	12.33	20.00%	14.79
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	3,768.00	BCY	Subcontractor - Excavation - Earth MN	29,586.54	31,676.75	38,645.63	46,448.19	9,289.64	55,737.82
9020108 Excavation and Embankment - Channel Realignment	1.00	BCY	Subcontractor - Excavation - Earth MN	6,827,944.16	7,262,905.51	8,860,744.72	10,649,729.08	2,129,945.82	12,779,674.90
				8.27	8.82	10.76	12.93		15.51
902010801 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	643,955.00	BCY	Subcontractor - Excavation - Earth MN	5,327,039.67	5,676,871.49	6,925,783.22	8,324,098.86	1,664,819.77	9,988,918.63
				0.95	0.99	1.21	1.46	20.00%	1.75
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	643,955.00	BCY	Subcontractor - Excavation - Earth MN	613,573.82	640,398.06	781,285.64	939,027.21	187,805.44	1,126,832.65

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	643,955.00	BCY	Subcontractor - Excavation - Earth MN	0.65 418,736.62	0.68 436,763.33	0.83 532,851.27	0.99 640,433.94	20.00% 128,086.79	1.19 768,520.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	101,904.00	BCY	Subcontractor - Excavation - Earth MN	0.38 38,515.94	0.42 42,806.47	0.51 52,223.89	0.62 62,767.89	20.00% 12,553.58	0.74 75,321.47
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	542,051.00	BCY	Subcontractor - Excavation - Earth MN	7.85 4,256,213.30	8.41 4,556,903.63	10.26 5,559,422.43	12.33 6,681,869.82	20.00% 1,336,373.96	14.79 8,018,243.78
902010802 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	464,000.00	BCY	Subcontractor - Excavation - Earth MN	2.30 1,066,572.89	2.42 1,124,868.93	2.96 1,372,340.10	3.55 1,649,415.57	329,883.11	4.27 1,979,298.68
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	464,000.00	BCY	Subcontractor - Excavation - Earth MN	1.27 589,478.57	1.33 615,249.41	1.62 750,604.28	1.94 902,151.29	20.00% 180,430.26	2.33 1,082,581.54
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	464,000.00	BCY	Subcontractor - Excavation - Earth MN	0.65 301,719.52	0.68 314,708.62	0.83 383,944.51	0.99 461,462.91	20.00% 92,292.58	1.19 553,755.49
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	464,000.00	BCY	Subcontractor - Excavation - Earth MN	0.38 175,374.81	0.42 194,910.91	0.51 237,791.31	0.62 285,801.37	20.00% 57,160.27	0.74 342,961.65
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth MN	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				2.97	3.14	3.84	4.61		5.53

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
902010803 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	137,000.00	BCY	Subcontractor - Excavation - Earth MN	406,268.24	430,668.53	525,415.61	631,497.02	126,299.40	757,796.42
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	137,000.00	BCY	Subcontractor - Excavation - Earth MN	130,573.28	135,085.33	164,804.10	198,078.05	39,615.61	237,693.65
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	137,000.00	BCY	Subcontractor - Excavation - Earth MN	134,828.75	145,113.65	177,038.65	212,782.75	42,556.55	255,339.30
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	137,000.00	BCY	Subcontractor - Excavation - Earth MN	89,085.29	92,920.43	113,362.93	136,250.90	27,250.18	163,501.08
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	137,000.00	BCY	Subcontractor - Excavation - Earth MN	51,780.92	57,549.13	70,209.93	84,385.32	16,877.06	101,262.38
902010804 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
902010805 Excavation and Embankment - Channel	121,133.00	BCY	Subcontractor - Excavation - Earth MN	<i>0.23</i> 28,063.35	<i>0.25</i> 30,496.55	<i>0.31</i> 37,205.79	<i>0.37</i> 44,717.64	8,943.53	<i>0.44</i> 53,661.17
USR BARR Earthwork - Haul from No-Spoil Areas	121,133.00	BCY	Subcontractor - Excavation - Earth MN	28,063.35	30,496.55	37,205.79	44,717.64	8,943.53	53,661.17
9020109 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth MN	<i>722,978.90</i> 722,978.90	<i>748,656.51</i> 748,656.51	<i>913,360.94</i> 913,360.94	<i>1,097,768.52</i> 1,097,768.52	219,553.70	<i>1,317,322.22</i> 1,317,322.22
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	50.00	DAY	Subcontractor - Excavation - Earth MN	<i>909.58</i> 45,478.90	<i>1,086.26</i> 54,312.76	<i>1,325.23</i> 66,261.57	<i>1,592.80</i> 79,639.78	<i>20.00%</i> 15,927.96	<i>1,911.35</i> 95,567.73
USR BARR Temporary Storm Sewer Pipe	300.00	LF	Subcontractor - Excavation - Earth MN	<i>25.00</i> 7,500.00	<i>25.31</i> 7,593.75	<i>30.88</i> 9,264.38	<i>37.12</i> 11,134.85	<i>20.00%</i> 2,226.97	<i>44.54</i> 13,361.82
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth MN	670,000.00	686,750.00	837,835.00	1,006,993.89	201,398.78	1,208,392.66
9020110 Electrical Utilities	5,000.00	LF	Subcontractor - Excavation - Earth MN	<i>24.00</i> 120,000.00	<i>25.20</i> 126,000.00	<i>30.74</i> 153,720.00	<i>36.95</i> 184,756.07	36,951.21	<i>44.34</i> 221,707.28
USR BARR Electrical Utilities	5,000.00	LF	Subcontractor - Excavation - Earth MN	120,000.00	126,000.00	153,720.00	184,756.07	36,951.21	221,707.28
9020111 Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Channel Grade Control System	0.00	LS	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9020112 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth MN	<i>400,000.00</i> 400,000.00	<i>410,000.00</i> 410,000.00	<i>500,200.00</i> 500,200.00	<i>601,190.38</i> 601,190.38	120,238.08	<i>721,428.46</i> 721,428.46
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.00	MI	Subcontractor - Excavation - Earth MN	<i>100,000.00</i> 200,000.00	<i>102,500.00</i> 205,000.00	<i>125,050.00</i> 250,100.00	<i>150,297.60</i> 300,595.19	20.00% 60,119.04	<i>180,357.11</i> 360,714.23
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	1.00	MI	Subcontractor - Excavation - Earth MN	<i>200,000.00</i> 200,000.00	<i>205,000.00</i> 205,000.00	<i>250,100.00</i> 250,100.00	<i>300,595.19</i> 300,595.19	20.00% 60,119.04	<i>360,714.23</i> 360,714.23
9020113 Dust Control	60.00	DAY	Subcontractor - Excavation - Earth MN	<i>500.00</i> 30,000.00	<i>500.00</i> 30,000.00	<i>610.00</i> 36,600.00	<i>733.16</i> 43,989.54	8,797.91	<i>879.79</i> 52,787.45
USR BARR Dust Control	60.00	DAY	Subcontractor - Excavation - Earth MN	<i>500.00</i> 30,000.00	<i>500.00</i> 30,000.00	<i>610.00</i> 36,600.00	<i>733.16</i> 43,989.54	20.00% 8,797.91	<i>879.79</i> 52,787.45
9020114 Topsoil Placement	121,133.00	BCY	Subcontractor - Excavation - Earth MN	<i>1.13</i> 136,698.20	<i>1.18</i> 143,447.13	<i>1.44</i> 175,005.50	<i>1.74</i> 210,339.11	42,067.82	<i>2.08</i> 252,406.93
USR BARR Topsoil - Placement from Stockpile	121,133.00	BCY	Subcontractor - Excavation - Earth MN	<i>1.13</i> 136,698.20	<i>1.18</i> 143,447.13	<i>1.44</i> 175,005.50	<i>1.74</i> 210,339.11	20.00% 42,067.82	<i>2.08</i> 252,406.93
9020115 Site Restoration	80.00	ACR	Subcontractor - Excavation - Earth MN	<i>2,622.18</i> 209,774.76	<i>2,780.70</i> 222,455.79	<i>3,392.45</i> 271,396.07	<i>4,077.39</i> 326,190.93	65,238.19	<i>4,892.86</i> 391,429.12
USR BARR Seeding	80.00	ACR	Subcontractor - Excavation - Earth MN	<i>1,272.18</i> 101,774.76	<i>1,423.20</i> 113,855.79	<i>1,736.30</i> 138,904.07	<i>2,086.86</i> 166,948.80	20.00% 33,389.76	<i>2,504.23</i> 200,338.56
USR BARR Straw Mulch and Disk Anchoring	80.00	ACR	Subcontractor - Excavation - Earth MN	<i>400.00</i> 32,000.00	<i>405.00</i> 32,400.00	<i>494.10</i> 39,528.00	<i>593.86</i> 47,508.70	20.00% 9,501.74	<i>712.63</i> 57,010.44

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Vegetation Establishment and Maintenance	80.00	ACR	Subcontractor - Excavation - Earth MN	950.00 76,000.00	952.50 76,200.00	1,162.05 92,964.00	1,396.67 111,733.43	20.00% 22,346.69	1,676.00 134,080.12
9020116 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth MN	57,623.80	63,187.43	77,088.67	92,652.87	18,530.57	111,183.45
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth MN	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	3,000.00	LF	Subcontractor - Excavation - Earth MN	16.70 50,091.04	18.41 55,242.30	22.47 67,395.60	27.00 81,002.77	20.00% 16,200.55	32.40 97,203.33
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	4.00	EA	Subcontractor - Excavation - Earth MN	883.19 3,532.76	955.03 3,820.14	1,165.14 4,660.57	1,400.38 5,601.54	20.00% 1,120.31	1,680.46 6,721.84
9020117 Snow Removal	640.00	HR	Subcontractor - Excavation - Earth MN	102.39 65,527.00	114.79 73,464.43	140.04 89,626.61	168.32 107,722.22	21,544.44	201.98 129,266.66
USR BARR Snow Removal	640.00	HR	Subcontractor - Excavation - Earth MN	102.39 65,527.00	114.79 73,464.43	140.04 89,626.61	168.32 107,722.22	20.00% 21,544.44	201.98 129,266.66
9020118 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth MN	9,106.93 9,106.93	9,653.89 9,653.89	11,777.75 11,777.75	14,155.67 14,155.67	2,831.13	16,986.81 16,986.81
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
902011801 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth MN	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth MN	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
902011802 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth MN	1.27 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth MN	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				2.97	3.14	3.84	4.61		5.53

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
902011803 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	3,071.00	BCY	Subcontractor - Excavation - Earth MN	9,106.93	9,653.89	11,777.75	14,155.67	2,831.13	16,986.81
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	3,071.00	BCY	Subcontractor - Excavation - Earth MN	2,926.94	3,028.08	3,694.26	4,440.13	888.03	5,328.15
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	3,071.00	BCY	Subcontractor - Excavation - Earth MN	3,022.33	3,252.88	3,968.51	4,769.75	953.95	5,723.70
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	3,071.00	BCY	Subcontractor - Excavation - Earth MN	1,996.94	2,082.91	2,541.15	3,054.21	610.84	3,665.05
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	3,071.00	BCY	Subcontractor - Excavation - Earth MN	1,160.72	1,290.02	1,573.83	1,891.59	378.32	2,269.90
902011804 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9020119 Lower Bank Protection	2,933.00	CY	Subcontractor - Excavation - Earth MN	<i>91.78</i> 269,183.12	<i>96.78</i> 283,858.83	<i>118.07</i> 346,307.78	<i>141.91</i> 416,227.32	83,245.46	<i>170.29</i> 499,472.78
USR BARR Lower Bank Protection Riprap - Furnish and Install	2,933.00	CY	Subcontractor - Excavation - Earth MN	<i>78.14</i> 229,183.12	<i>82.46</i> 241,858.83	<i>100.60</i> 295,067.78	<i>120.91</i> 354,641.96	<i>20.00%</i> 70,928.39	<i>145.10</i> 425,570.35
USR BARR Lower Bank Protection Geotextile - Furnish and Install	10,000.00	SY	Subcontractor - Excavation - Earth MN	<i>4.00</i> 40,000.00	<i>4.20</i> 42,000.00	<i>5.12</i> 51,240.00	<i>6.16</i> 61,585.36	<i>20.00%</i> 12,317.07	<i>7.39</i> 73,902.43
9020120 Low Flow Channel Riprap Protection	138.00	CY	Subcontractor - Excavation - Earth MN	<i>81.73</i> 11,279.25	<i>86.24</i> 11,900.45	<i>105.21</i> 14,518.55	<i>126.45</i> 17,449.85	3,489.97	<i>151.74</i> 20,939.82
USR BARR Grade Control Riprap - Furnish and Install	138.00	CY	Subcontractor - Excavation - Earth MN	<i>78.14</i> 10,783.25	<i>82.46</i> 11,379.65	<i>100.60</i> 13,883.18	<i>120.91</i> 16,686.19	<i>20.00%</i> 3,337.24	<i>145.10</i> 20,023.43
USR BARR Grade Control Geotextile - Furnish and Install	124.00	SY	Subcontractor - Excavation - Earth MN	<i>4.00</i> 496.00	<i>4.20</i> 520.80	<i>5.12</i> 635.38	<i>6.16</i> 763.66	<i>20.00%</i> 152.73	<i>7.39</i> 916.39
90202 Hydraulic Structure Red River Control Structure - Structure	1.00	EA	Subcontractor - Excavation - Earth MN	<i>19,746,998.35</i> 19,746,998.35	<i>21,347,642.20</i> 21,347,642.20	<i>26,449,686.13</i> 26,449,686.13	<i>31,789,877.76</i> 31,789,877.76	6,357,975.55	<i>38,147,853.31</i> 38,147,853.31
9020201 Earthwork - Structural	49,809.00	BCY	Subcontractor - Excavation - Earth MN	<i>3.88</i> 193,283.27	<i>4.14</i> 206,096.64	<i>5.05</i> 251,437.90	<i>6.07</i> 302,203.21	60,440.64	<i>7.28</i> 362,643.85
USR BARR Earthwork - Structural Excavation	49,809.00	BCY	Subcontractor - Excavation - Earth MN	<i>0.71</i> 35,364.55	<i>0.74</i> 36,640.98	<i>0.90</i> 44,701.99	<i>1.08</i> 53,727.32	<i>20.00%</i> 10,745.46	<i>1.29</i> 64,472.79
USR BARR Earthwork - Structural Haul	49,809.00	BCY	Subcontractor - Excavation - Earth MN	<i>1.29</i> 64,054.02	<i>1.38</i> 68,959.67	<i>1.69</i> 84,130.79	<i>2.03</i> 101,116.80	<i>20.00%</i> 20,223.36	<i>2.44</i> 121,340.16

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Structural Embankment	49,809.00	BCY	Subcontractor - Excavation - Earth MN	1.88 93,864.70	2.02 100,496.00	2.46 122,605.12	2.96 147,359.09	20.00% 29,471.82	3.55 176,830.91
9020202 Gated Structure	1.00	EA	Subcontractor - Excavation - Earth MN	6,802,205.83 6,802,205.83	7,472,403.88 7,472,403.88	9,336,125.46 9,336,125.46	11,221,089.19 11,221,089.19	2,244,217.84	13,465,307.03 13,465,307.03
902020201 HP 14X73 Piling	11,037.00	LF	Subcontractor - Pile Driving MN	43.34 478,292.15	46.79 516,474.63	58.49 645,593.29	70.30 775,938.57	155,187.71	84.36 931,126.29
USR BARR HP 14X73 Piling - Furnish Material	11,037.00	LF	Subcontractor - Pile Driving MN	29.93 330,337.41	31.43 346,854.28	39.28 433,567.85	47.21 521,105.20	20.00% 104,221.04	56.66 625,326.24
USR BARR HP 14X73 Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving MN	2,406.95 4,813.90	2,858.79 5,717.57	3,573.48 7,146.97	4,294.97 8,589.94	20.00% 1,717.99	5,153.96 10,307.93
USR BARR HP 14X73 Piling - Unload Piles	21.00	EA	Subcontractor - Pile Driving MN	499.37 10,486.79	593.56 12,464.85	741.96 15,581.07	891.76 18,726.88	20.00% 3,745.38	1,070.11 22,472.26
USR BARR HP 14X73 Piling - Weld Splices	80.00	EA	Subcontractor - Pile Driving MN	63.59 5,087.28	80.70 6,456.01	100.88 8,070.02	121.24 9,699.35	20.00% 1,939.87	145.49 11,639.22
USR BARR HP 14X73 Piling - Drive Piling	11,037.00	LF	Subcontractor - Pile Driving MN	7.41 81,739.95	8.80 97,084.40	11.00 121,355.50	13.22 145,857.17	20.00% 29,171.43	15.86 175,028.60
USR BARR HP 14X73 Piling - Cut Offs	318.00	EA	Subcontractor - Pile Driving MN	18.32 5,826.82	24.83 7,897.51	31.04 9,871.89	37.31 11,865.03	20.00% 2,373.01	44.77 14,238.03
USR HP 14X73 Piling - Pile Test, 52 ft	8.00	EA	Subcontractor - Pile Driving MN	5,000.00 40,000.00	5,000.00 40,000.00	6,250.00 50,000.00	7,511.88 60,095.00	20.00% 12,019.00	9,014.25 72,114.00
902020202 Concrete - Footing	2,273.00	CY	Subcontractor - Concrete MN	139.75 317,650.01	148.19 336,836.85	185.24 421,046.06	222.64 506,055.26	101,211.05	267.17 607,266.31
USR BARR Concrete - Footing - Form, Strip and Cure	1,793.00	SF	Subcontractor - Concrete MN	8.15 14,609.86	9.68 17,359.97	12.10 21,699.96	14.55 26,081.18	20.00% 5,216.24	17.46 31,297.41

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				128.00	134.97	168.71	202.77	20.00%	243.33
USR BARR Concrete - Footing - Pour	2,273.00	CY	Subcontractor - Concrete MN	290,947.79	306,779.90	383,474.88	460,898.46	92,179.69	553,078.15
				106.40	111.72	139.65	167.85	20.00%	201.41
USR BARR Concrete - 5% Waste	113.65	CY	Subcontractor - Concrete MN	12,092.36	12,696.98	15,871.22	19,075.62	3,815.12	22,890.75
902020203 Concrete - Piers	3,759.00	CY	Subcontractor - Concrete MN	1,480,294.54	1,783,904.47	2,229,880.59	2,680,093.48	536,018.70	3,216,112.18
				4.93	5.53	6.92	8.31	20.00%	9.97
USR BARR Concrete - Pier - Build Forms	2,560.00	SF	Subcontractor - Concrete MN	12,627.20	14,163.33	17,704.16	21,278.63	4,255.73	25,534.35
				229.78	290.54	363.18	436.51	20.00%	523.81
USR BARR Concrete - Pier - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete MN	919.11	1,162.18	1,452.72	1,746.02	349.20	2,095.23
				12.16	14.72	18.40	22.12	20.00%	26.54
USR BARR Concrete - Pier- Form, Strip and Cure	37,007.00	SF	Subcontractor - Concrete MN	450,145.48	544,747.84	680,934.80	818,415.54	163,683.11	982,098.65
				264.95	319.80	399.75	480.47	20.00%	576.56
USR BARR Concrete - Pier- Pour	3,759.00	CY	Subcontractor - Concrete MN	995,947.05	1,202,142.64	1,502,678.29	1,806,069.04	361,213.81	2,167,282.85
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	187.95	CY	Subcontractor - Concrete MN	20,655.71	21,688.49	27,110.61	32,584.25	6,516.85	39,101.09
902020204 Concrete - Elevated Deck	128.00	CY	Subcontractor - Concrete MN	31,494.47	35,625.98	44,532.48	53,523.58	10,704.72	64,228.30
				5.05	6.18	7.73	9.29	20.00%	11.15
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	2,689.00	SF	Subcontractor - Concrete MN	13,576.35	16,627.22	20,784.03	24,980.32	4,996.06	29,976.39
				134.49	142.66	178.32	214.33	20.00%	257.19
USR BARR Concrete - Elevated Deck - Pour	128.00	CY	Subcontractor - Concrete MN	17,214.76	18,260.23	22,825.29	27,433.71	5,486.74	32,920.46
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	6.40	CY	Subcontractor - Concrete MN	703.36	738.53	923.16	1,109.55	221.91	1,331.46

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
902020205 Steel Reinforcement Bars	467,450.00	LB	Subcontractor - Steel Erection MN	<i>1.07</i> 499,102.55	<i>1.26</i> 589,540.58	<i>1.58</i> 736,925.73	<i>1.89</i> 885,711.03	177,142.21	<i>2.27</i> 1,062,853.24
USR BARR Steel Reinforcement Bars - Furnish and Install	467,450.00	LB	Subcontractor - Steel Erection MN	<i>0.81</i> 378,634.50	<i>0.98</i> 458,721.98	<i>1.23</i> 573,402.47	<i>1.47</i> 689,172.43	<i>20.00%</i> 137,834.49	<i>1.77</i> 827,006.92
USR BARR Steel Reinforcement Bars - Hoist	467,450.00	LB	Subcontractor - Steel Erection MN	<i>0.26</i> 120,468.05	<i>0.28</i> 130,818.60	<i>0.35</i> 163,523.25	<i>0.42</i> 196,538.60	<i>20.00%</i> 39,307.72	<i>0.50</i> 235,846.32
902020206 Hydraulic Gates - Steel	3.00	SF	Subcontractor - Steel Erection MN	<i>1,144,809.58</i> 3,434,428.74	<i>1,206,071.31</i> 3,618,213.93	<i>1,507,589.14</i> 4,522,767.41	<i>1,811,971.38</i> 5,435,914.15	1,087,182.83	<i>2,174,365.66</i> 6,523,096.98
USR BARR Hydraulic Gates - Steel - Furnish	7,500.00	SF	Subcontractor - Steel Erection MN	<i>400.00</i> 3,000,000.00	<i>420.00</i> 3,150,000.00	<i>525.00</i> 3,937,500.00	<i>631.00</i> 4,732,481.25	<i>20.00%</i> 946,496.25	<i>757.20</i> 5,678,977.50
USR BARR Hydraulic Gates - Steel - Install	3.00	EA	Subcontractor - Steel Erection MN	<i>44,809.58</i> 134,428.74	<i>56,071.31</i> 168,213.93	<i>70,089.14</i> 210,267.41	<i>84,240.13</i> 252,720.40	<i>20.00%</i> 50,544.08	<i>101,088.16</i> 303,264.48
USR BARR Hydraulic Gate Hoist - Furnish and Install	3.00	EA	Subcontractor - Steel Erection MN	<i>100,000.00</i> 300,000.00	<i>100,000.00</i> 300,000.00	<i>125,000.00</i> 375,000.00	<i>150,237.50</i> 450,712.50	<i>20.00%</i> 90,142.50	<i>180,285.00</i> 540,855.00
902020207 Bulkheads - Steel	1.00	LS	Subcontractor - Steel Erection MN	315,504.00	329,701.68	412,127.10	495,335.56	99,067.11	594,402.67
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Steel Erection MN	315,504.00	329,701.68	412,127.10	495,335.56	99,067.11	594,402.67
902020208 Bridge Railing	364.00	LF	Subcontractor - Steel Erection MN	<i>40.00</i> 14,560.00	<i>41.00</i> 14,924.00	<i>51.25</i> 18,655.00	<i>61.60</i> 22,421.44	4,484.29	<i>73.92</i> 26,905.73
USR BARR Bridge Railing - Furnish and Install	364.00	LF	Subcontractor - Steel Erection MN	<i>40.00</i> 14,560.00	<i>41.00</i> 14,924.00	<i>51.25</i> 18,655.00	<i>61.60</i> 22,421.44	<i>20.00%</i> 4,484.29	<i>73.92</i> 26,905.73
902020209 Steel Sheetpile	3,640.00	SF	Subcontractor - Pile Driving MN	<i>25.30</i> 92,080.55	<i>27.80</i> 101,202.15	<i>34.75</i> 126,502.68	<i>41.77</i> 152,043.57	30,408.71	<i>50.12</i> 182,452.29
USR BARR Sheet Piling - Furnish	3,640.00	SF	Subcontractor - Pile Driving MN	<i>17.50</i> 63,700.00	<i>18.38</i> 66,885.00	<i>22.97</i> 83,606.25	<i>27.61</i> 100,486.35	<i>20.00%</i> 20,097.27	<i>33.13</i> 120,583.62

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Unload Sheeting	3.00	EA	Subcontractor - Pile Driving MN	212.33 636.98	267.77 803.31	334.71 1,004.14	402.29 1,206.88	20.00% 241.38	482.75 1,448.25
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving MN	2,406.95 4,813.90	2,858.79 5,717.57	3,573.48 7,146.97	4,294.97 8,589.94	20.00% 1,717.99	5,153.96 10,307.93
USR BARR Sheet Piling - Drive Sheets	122.00	EA	Subcontractor - Pile Driving MN	160.46 19,576.51	190.59 23,251.47	238.23 29,064.33	286.33 34,932.42	20.00% 6,986.48	343.60 41,918.90
USR BARR Sheet Piling - Cut Sheets	244.00	EA	Subcontractor - Pile Driving MN	13.74 3,353.17	18.63 4,544.80	23.28 5,680.99	27.98 6,827.99	20.00% 1,365.60	33.58 8,193.58
902020210 Structural Aggregate Backfill	6,667.00	ECY	Subcontractor - Excavation - Earth MN	20.82 138,798.81	21.90 145,979.61	26.71 178,095.13	32.11 214,052.53	20.00% 42,810.51	38.53 256,863.04
USR BARR Aggregate Base - Class V - Furnish and Install	6,667.00	ECY	Subcontractor - Excavation - Earth MN	20.82 138,798.81	21.90 145,979.61	26.71 178,095.13	32.11 214,052.53	20.00% 42,810.51	38.53 256,863.04
9020203 Walls	1.00	EA	Subcontractor - Excavation - Earth MN	5,603,919.53 5,603,919.53	6,246,238.00 6,246,238.00	7,806,180.28 7,806,180.28	9,382,248.07 9,382,248.07	1,876,449.61	11,258,697.69 11,258,697.69
902020301 HP 14X73 Piling	36,972.00	LF	Subcontractor - Pile Driving MN	39.88 1,474,601.04	43.24 1,598,635.20	54.05 1,998,294.00	64.96 2,401,749.55	480,349.91	2,882,099.46
USR BARR HP 14X73 Piling - Furnish Material	36,972.00	LF	Subcontractor - Pile Driving MN	29.93 1,106,571.96	31.43 1,161,900.56	39.28 1,452,375.70	47.21 1,745,610.35	20.00% 349,122.07	56.66 2,094,732.42
USR BARR HP 14X73 Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving MN	2,406.95 4,813.90	2,858.79 5,717.57	3,573.48 7,146.97	4,294.97 8,589.94	20.00% 1,717.99	5,153.96 10,307.93
USR BARR HP 14X73 Piling - Unload Piles	67.00	EA	Subcontractor - Pile Driving MN	499.37 33,457.86	593.56 39,768.82	741.96 49,711.02	891.76 59,747.68	20.00% 11,949.54	1,070.11 71,697.21
USR BARR HP 14X73 Piling - Weld Splices	302.00	EA	Subcontractor - Pile Driving MN	56.59 17,090.50	73.70 22,257.45	92.13 27,821.82	110.73 33,439.04	20.00% 6,687.81	132.87 40,126.85

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR HP 14X73 Piling - Drive Piling	36,972.00	LF	Subcontractor - Pile Driving MN	7.41 273,814.39	8.80 325,215.57	11.00 406,519.47	13.22 488,595.75	20.00% 97,719.15	15.86 586,314.90
USR BARR HP 14X73 Piling - Cut Offs	756.00	EA	Subcontractor - Pile Driving MN	18.32 13,852.44	24.83 18,775.22	31.04 23,469.02	37.31 28,207.42	20.00% 5,641.48	44.77 33,848.90
USR HP 14X73 Piling - Pile Test, 52 ft	5.00	EA	Subcontractor - Pile Driving MN	5,000.00 25,000.00	5,000.00 25,000.00	6,250.00 31,250.00	7,511.88 37,559.38	20.00% 7,511.88	9,014.25 45,071.25
902020302 Concrete - Footing	3,062.00	CY	Subcontractor - Concrete MN	157.89 483,447.68	169.74 519,748.43	212.18 649,685.54	255.02 780,857.05	156,171.41	306.02 937,028.45
USR BARR Concrete - Footing - Form, Strip and Cure	9,231.00	SF	Subcontractor - Concrete MN	8.15 75,216.73	9.68 89,375.26	12.10 111,719.08	14.55 134,275.16	20.00% 26,855.03	17.46 161,130.19
USR BARR Concrete - Footing - Pour	3,062.00	CY	Subcontractor - Concrete MN	128.00 391,941.10	134.97 413,268.84	168.71 516,586.04	202.77 620,884.77	20.00% 124,176.95	243.33 745,061.72
USR BARR Concrete - Footing - 5% waste	153.10	CY	Subcontractor - Concrete MN	106.40 16,289.84	111.72 17,104.33	139.65 21,380.42	167.85 25,697.12	20.00% 5,139.42	201.41 30,836.54
902020303 Concrete - Elevated Deck	746.00	CY	Subcontractor - Concrete MN	230.53 171,972.51	259.31 193,448.96	324.14 241,811.20	389.59 290,632.88	58,126.58	467.51 348,759.45
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	13,378.00	SF	Subcontractor - Concrete MN	5.05 67,543.46	6.18 82,721.82	7.73 103,402.28	9.29 124,279.20	20.00% 24,855.84	11.15 149,135.04
USR BARR Concrete - Elevated Deck - Pour	746.00	CY	Subcontractor - Concrete MN	134.49 100,329.78	142.66 106,422.90	178.32 133,028.63	214.33 159,887.11	20.00% 31,977.42	257.19 191,864.53
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	37.30	CY	Subcontractor - Concrete MN	109.90 4,099.27	115.40 4,304.23	144.24 5,380.29	173.37 6,466.57	20.00% 1,293.31	208.04 7,759.89
902020304 Concrete - Wall	8,774.00	CY	Subcontractor - Concrete MN	193.85 1,700,852.51	213.20 1,870,590.26	266.50 2,338,237.82	320.30 2,810,328.04	562,065.61	384.36 3,372,393.64

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Wall- Build Forms	2,560.00	SF	Subcontractor - Concrete MN	1.93 4,947.20	2.53 6,483.33	3.17 8,104.16	3.80 9,740.39	20.00% 1,948.08	4.57 11,688.47
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete MN	229.78 919.11	290.54 1,162.18	363.18 1,452.72	436.51 1,746.02	20.00% 349.20	523.81 2,095.23
USR BARR Concrete - Wall - Form, Strip and Cure	53,670.00	SF	Subcontractor - Concrete MN	9.19 492,977.44	11.10 595,876.40	13.88 744,845.50	16.68 895,229.80	20.00% 179,045.96	20.02 1,074,275.76
USR BARR Concrete - Wall - Pour	8,774.00	CY	Subcontractor - Concrete MN	131.50 1,153,795.62	138.64 1,216,444.57	173.30 1,520,555.71	208.29 1,827,555.91	20.00% 365,511.18	249.95 2,193,067.09
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	438.70	CY	Subcontractor - Concrete MN	109.90 48,213.13	115.40 50,623.79	144.24 63,279.73	173.37 76,055.91	20.00% 15,211.18	208.04 91,267.09
902020305 Steel Reinforcement	1,336,337.00	LB	Subcontractor - Steel Erection MN	1.07 1,426,824.70	1.26 1,685,367.19	1.58 2,106,708.99	1.89 2,532,053.54	506,410.71	2.27 3,038,464.24
USR BARR Steel Reinforcement Bars - Hoist	1,336,337.00	LB	Subcontractor - Steel Erection MN	0.26 344,391.73	0.28 373,981.69	0.35 467,477.11	0.42 561,860.74	20.00% 112,372.15	0.50 674,232.89
USR BARR Steel Reinforcement Bars - Furnish and Install	1,336,337.00	LB	Subcontractor - Steel Erection MN	0.81 1,082,432.97	0.98 1,311,385.50	1.23 1,639,231.88	1.47 1,970,192.80	20.00% 394,038.56	1.77 2,364,231.36
902020306 Bridge Railing	1,520.00	LF	Subcontractor - Steel Erection MN	40.00 60,800.00	41.00 62,320.00	51.25 77,900.00	61.60 93,628.01	18,725.60	73.92 112,353.61
USR BARR Bridge Railing - Furnish and Install	1,520.00	LF	Subcontractor - Steel Erection MN	40.00 60,800.00	41.00 62,320.00	51.25 77,900.00	61.60 93,628.01	20.00% 18,725.60	73.92 112,353.61
902020307 Steel Sheftpile	7,600.00	SF	Subcontractor - Pile Driving MN	30.81 234,165.26	34.50 262,220.39	43.13 327,775.49	51.84 393,953.37	78,790.67	62.20 472,744.04
				17.50	18.38	22.97	27.61	20.00%	33.13

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Furnish Material	7,600.00	SF	Subcontractor - Pile Driving MN	133,000.00	139,650.00	174,562.50	209,806.67	41,961.33	251,768.00
				212.33	267.77	334.71	402.29	20.00%	482.75
USR BARR Sheet Piling - Unload Sheeting	5.00	EA	Subcontractor - Pile Driving MN	1,061.63	1,338.85	1,673.57	2,011.46	402.29	2,413.75
				2,406.95	2,858.79	3,573.48	4,294.97	20.00%	5,153.96
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving MN	4,813.90	5,717.57	7,146.97	8,589.94	1,717.99	10,307.93
				160.46	190.59	238.23	286.33	20.00%	343.60
USR BARR Sheet Piling - Drive Sheets	507.00	EA	Subcontractor - Pile Driving MN	81,354.84	96,626.99	120,783.74	145,169.97	29,033.99	174,203.97
				13.74	18.63	23.28	27.98	20.00%	33.58
USR BARR Sheet Piling - Cut Sheets	1,014.00	EA	Subcontractor - Pile Driving MN	13,934.90	18,886.98	23,608.72	28,375.32	5,675.06	34,050.39
				20.82	21.90	26.71	32.11		38.53
902020308 Structural Aggregate Backfill	2,462.00	ECY	Subcontractor - Excavation - Earth MN	51,255.84	53,907.58	65,767.24	79,045.65	15,809.13	94,854.78
				20.82	21.90	26.71	32.11	20.00%	38.53
USR BARR Aggregate Base - Class V - Furnish and Install	2,462.00	ECY	Subcontractor - Excavation - Earth MN	51,255.84	53,907.58	65,767.24	79,045.65	15,809.13	94,854.78
				2,534,506.57	2,671,528.06	3,259,264.23	3,917,309.68		4,700,771.62
9020204 Riprap	1.00	EA	Subcontractor - Excavation - Earth MN	2,534,506.57	2,671,528.06	3,259,264.23	3,917,309.68	783,461.94	4,700,771.62
				56.82	59.70	72.83	87.53	20.00%	105.04
USR BARR Select Granular Aggregate - Furnish and Install	11,894.00	CY	Subcontractor - Excavation - Earth MN	675,802.58	710,022.40	866,227.33	1,041,118.63	208,223.73	1,249,342.36
				78.14	82.46	100.60	120.91	20.00%	145.10
USR BARR Riprap - Furnish and Install	23,787.00	CY	Subcontractor - Excavation - Earth MN	1,858,703.99	1,961,505.66	2,393,036.90	2,876,191.05	575,238.21	3,451,429.26
				3,936,083.16	4,052,638.13	4,944,218.51	5,942,456.23		7,130,947.48
9020205 Fish Passage System	1.00	EA	Subcontractor - Excavation - Earth MN	3,936,083.16	4,052,638.13	4,944,218.51	5,942,456.23	1,188,491.25	7,130,947.48
				9.34	9.57	11.68	14.04	20.00%	16.85

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Fish Passage System - Furnish and Install	294,000.00	SF	Subcontractor - Excavation - Earth MN	2,745,960.00	2,814,756.00	3,434,002.32	4,127,327.39	825,465.48	4,952,792.87
				<i>400.00</i>	<i>420.00</i>	<i>512.40</i>	<i>615.85</i>	<i>20.00%</i>	<i>739.02</i>
USR BARR Hydraulic Gates - Steel - Furnish	300.00	SF	Subcontractor - Excavation - Earth MN	120,000.00	126,000.00	153,720.00	184,756.07	36,951.21	221,707.28
				<i>44,809.58</i>	<i>52,777.72</i>	<i>64,388.82</i>	<i>77,388.92</i>	<i>20.00%</i>	<i>92,866.71</i>
USR BARR Hydraulic Gates - Steel - Install	2.00	EA	Subcontractor - Excavation - Earth MN	89,619.16	105,555.45	128,777.64	154,777.85	30,955.57	185,733.42
				<i>100,000.00</i>	<i>100,000.00</i>	<i>122,000.00</i>	<i>146,631.80</i>	<i>20.00%</i>	<i>175,958.16</i>
USR BARR Hydraulic Gate Hoist - Furnish and Install	2.00	EA	Subcontractor - Excavation - Earth MN	200,000.00	200,000.00	244,000.00	293,263.60	58,652.72	351,916.32
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Excavation - Earth MN	315,504.00	329,701.68	402,236.05	483,447.51	96,689.50	580,137.01
USR BARR Wall Extension	1.00	LS	Subcontractor - Excavation - Earth MN	465,000.00	476,625.00	581,482.50	698,883.82	139,776.76	838,660.58
				<i>677,000.00</i>	<i>698,737.50</i>	<i>852,459.75</i>	<i>1,024,571.37</i>		<i>1,229,485.65</i>
9020206 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth MN	677,000.00	698,737.50	852,459.75	1,024,571.37	204,914.27	1,229,485.65
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth MN	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth MN	134,000.00	137,350.00	167,567.00	201,398.78	40,279.76	241,678.53
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth MN	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth MN	75,000.00	77,500.00	94,550.00	113,639.65	22,727.93	136,367.57
				<i>900.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Ice Control Measure - Furnish and Install	0.00	LF	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Debris Control Measure - Furnish and Install	0.00	LF	Subcontractor - Excavation - Earth MN	900.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Debris Picking Measures	1.00	LS	Subcontractor - Excavation - Earth MN	167,500.00	175,875.00	214,567.50	257,888.68	51,577.74	309,466.41
USR BARR Equipment Storage Shed	5,000.00	SF	Subcontractor - Excavation - Earth MN	40.00 200,000.00	41.00 205,000.00	50.02 250,100.00	60.12 300,595.19	20.00% 60,119.04	72.14 360,714.23
903 Hydraulic Structure - Wolverton Creek	1.00	EA	Subcontractor - Excavation - Earth MN	2,603,507.31 2,603,507.31	2,867,151.20 2,867,151.20	3,569,746.07 3,569,746.07	4,290,477.80 4,290,477.80	858,095.56	5,148,573.36 5,148,573.36
90301 Hydraulic Structure - Wolverton Creek Closure/Drainage Structure - Site work	1.00	LS	Subcontractor - Excavation - Earth MN	227,565.79	236,187.76	288,149.06	346,326.36	69,265.27	415,591.63
9030101 Excavation and Embankment - Channel Realignment	1.00	BCY	Subcontractor - Excavation - Earth MN	12,084.35 12,084.35	12,766.05 12,766.05	15,574.58 15,574.58	18,719.08 18,719.08	3,743.82	22,462.90 22,462.90
903010101 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	6,100.00	BCY	Subcontractor - Excavation - Earth MN	1.98 12,084.35	2.09 12,766.05	2.55 15,574.58	3.07 18,719.08	3,743.82	3.68 22,462.90
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	6,100.00	BCY	Subcontractor - Excavation - Earth MN	0.95 5,812.21	0.99 6,066.31	1.21 7,400.89	1.46 8,895.13	20.00% 1,779.03	1.75 10,674.16
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	6,100.00	BCY	Subcontractor - Excavation - Earth MN	0.65 3,966.57	0.68 4,137.33	0.83 5,047.55	0.99 6,066.65	20.00% 1,213.33	1.19 7,279.98
				0.38	0.42	0.51	0.62	20.00%	0.74

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	6,100.00	BCY	Subcontractor - Excavation - Earth MN	2,305.57	2,562.41	3,126.14	3,757.30	751.46	4,508.76
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
903010102 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				1.27	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
903010103 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.98	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
903010104 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				33,500.00	34,337.50	41,891.75	50,349.69		60,419.63
9030102 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth MN	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth MN	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
9030103 Electrical Utilities	2,500.00	LF	Subcontractor - Excavation - Earth MN	60,000.00	63,000.00	76,860.00	92,378.03	18,475.61	110,853.64
				<i>24.00</i>	<i>25.20</i>	<i>30.74</i>	<i>36.95</i>		<i>44.34</i>
USR BARR Electrical Utilities	2,500.00	LF	Subcontractor - Excavation - Earth MN	60,000.00	63,000.00	76,860.00	92,378.03	18,475.61	110,853.64
				<i>24.00</i>	<i>25.20</i>	<i>30.74</i>	<i>36.95</i>	<i>20.00%</i>	<i>44.34</i>
9030104 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth MN	100,000.00	102,500.00	125,050.00	150,297.60	30,059.52	180,357.11
				<i>100,000.00</i>	<i>102,500.00</i>	<i>125,050.00</i>	<i>150,297.60</i>	<i>20.00%</i>	<i>180,357.11</i>
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	1.00	MI	Subcontractor - Excavation - Earth MN	100,000.00	102,500.00	125,050.00	150,297.60	30,059.52	180,357.11
				<i>100,000.00</i>	<i>102,500.00</i>	<i>125,050.00</i>	<i>150,297.60</i>	<i>20.00%</i>	<i>180,357.11</i>
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.00	MI	Subcontractor - Excavation - Earth MN	0.00	0.00	0.00	0.00	0.00	0.00
				<i>200,000.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
9030105 Site Restoration	3.00	ACR	Subcontractor - Excavation - Earth MN	7,866.55	8,342.09	10,177.35	12,232.16	2,446.43	14,678.59
				<i>2,622.18</i>	<i>2,780.70</i>	<i>3,392.45</i>	<i>4,077.39</i>		<i>4,892.86</i>
USR BARR Seeding	3.00	ACR	Subcontractor - Excavation - Earth MN	3,816.55	4,269.59	5,208.90	6,260.58	1,252.12	7,512.70
				<i>1,272.18</i>	<i>1,423.20</i>	<i>1,736.30</i>	<i>2,086.86</i>	<i>20.00%</i>	<i>2,504.23</i>
USR BARR Straw Mulch and Disk Anchoring	3.00	ACR	Subcontractor - Excavation - Earth MN	1,200.00	1,215.00	1,482.30	1,781.58	356.32	2,137.89
				<i>400.00</i>	<i>405.00</i>	<i>494.10</i>	<i>593.86</i>	<i>20.00%</i>	<i>712.63</i>
USR BARR Vegetation Establishment and Maintenance	3.00	ACR	Subcontractor - Excavation - Earth MN	2,850.00	2,857.50	3,486.15	4,190.00	838.00	5,028.00
				<i>950.00</i>	<i>952.50</i>	<i>1,162.05</i>	<i>1,396.67</i>	<i>20.00%</i>	<i>1,676.00</i>
				<i>14,114.89</i>	<i>15,242.12</i>	<i>18,595.38</i>	<i>22,349.79</i>		<i>26,819.75</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9030106 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth MN	14,114.89	15,242.12	18,595.38	22,349.79	4,469.96	26,819.75
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth MN	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	500.00	LF	Subcontractor - Excavation - Earth MN	16.70 8,348.51	18.41 9,207.05	22.47 11,232.60	27.00 13,500.46	20.00% 2,700.09	32.40 16,200.55
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	2.00	EA	Subcontractor - Excavation - Earth MN	883.19 1,766.38	955.03 1,910.07	1,165.14 2,330.28	1,400.38 2,800.77	20.00% 560.15	1,680.46 3,360.92
90302 Hydraulic Structure - Wolverton Creek Closure/Drainage Structure - Structure	1.00	EA	Subcontractor - Excavation - Earth MN	2,375,941.51	2,630,963.45	3,281,597.00	3,944,151.44	788,830.29	4,732,981.73
9030201 Earthwork - Structural	1,000.00	BCY	Subcontractor - Excavation - Earth MN	3,880.49	4,137.74	5,048.04	6,067.24	1,213.45	7,280.69
USR BARR Earthwork - Structural Excavation	1,000.00	BCY	Subcontractor - Excavation - Earth MN	0.71 710.00	0.74 735.63	0.90 897.47	1.08 1,078.67	20.00% 215.73	1.29 1,294.40
USR BARR Earthwork - Structural Haul	1,000.00	BCY	Subcontractor - Excavation - Earth MN	1.29 1,285.99	1.38 1,384.48	1.69 1,689.07	2.03 2,030.09	20.00% 406.02	2.44 2,436.11
USR BARR Earthwork - Structural Embankment	1,000.00	BCY	Subcontractor - Excavation - Earth MN	1.88 1,884.49	2.02 2,017.63	2.46 2,461.51	2.96 2,958.48	20.00% 591.70	3.55 3,550.18

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9030202 Structure and Walls	1.00	EA	Subcontractor - Excavation - Earth MN	<i>2,158,991.47</i> 2,158,991.47	<i>2,407,190.79</i> 2,407,190.79	<i>3,008,594.36</i> 3,008,594.36	<i>3,616,029.56</i> 3,616,029.56	723,205.91	<i>4,339,235.48</i> 4,339,235.48
903020201 HP 14X73 Piling	10,844.00	LF	Subcontractor - Pile Driving MN	<i>45.87</i> 497,377.07	<i>50.12</i> 543,555.45	<i>62.66</i> 679,444.32	<i>75.31</i> 816,624.13	163,324.83	<i>90.37</i> 979,948.95
USR BARR HP 14X73 Piling - Furnish Material	10,844.00	LF	Subcontractor - Pile Driving MN	<i>29.93</i> 324,560.92	<i>31.43</i> 340,788.97	<i>39.28</i> 425,986.21	<i>47.21</i> 511,992.82	<i>20.00%</i> 102,398.56	<i>56.66</i> 614,391.39
USR BARR HP 14X73 Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving MN	<i>2,406.95</i> 4,813.90	<i>2,858.79</i> 5,717.57	<i>3,573.48</i> 7,146.97	<i>4,294.97</i> 8,589.94	<i>20.00%</i> 1,717.99	<i>5,153.96</i> 10,307.93
USR BARR HP 14X73 Piling - Unload Piles	80.00	EA	Subcontractor - Pile Driving MN	<i>499.37</i> 39,949.68	<i>593.56</i> 47,485.16	<i>741.96</i> 59,356.45	<i>891.76</i> 71,340.51	<i>20.00%</i> 14,268.10	<i>1,070.11</i> 85,608.61
USR BARR HP 14X73 Piling - Weld Splices	300.00	EA	Subcontractor - Pile Driving MN	<i>63.59</i> 19,077.31	<i>80.70</i> 24,210.05	<i>100.88</i> 30,262.57	<i>121.24</i> 36,372.58	<i>20.00%</i> 7,274.52	<i>145.49</i> 43,647.09
USR BARR HP 14X73 Piling - Drive Piling	10,844.00	LF	Subcontractor - Pile Driving MN	<i>7.41</i> 80,310.59	<i>8.80</i> 95,386.72	<i>11.00</i> 119,233.40	<i>13.22</i> 143,306.62	<i>20.00%</i> 28,661.32	<i>15.86</i> 171,967.94
USR BARR HP 14X73 Piling - Cut Offs	200.00	EA	Subcontractor - Pile Driving MN	<i>18.32</i> 3,664.67	<i>24.83</i> 4,966.99	<i>31.04</i> 6,208.74	<i>37.31</i> 7,462.28	<i>20.00%</i> 1,492.46	<i>44.77</i> 8,954.74
USR HP 14X73 Piling - Pile Test, 52 ft	5.00	EA	Subcontractor - Pile Driving MN	<i>5,000.00</i> 25,000.00	<i>5,000.00</i> 25,000.00	<i>6,250.00</i> 31,250.00	<i>7,511.88</i> 37,559.38	<i>20.00%</i> 7,511.88	<i>9,014.25</i> 45,071.25
903020202 Concrete - Footing	1,920.00	CY	Subcontractor - Concrete MN	<i>146.56</i> 281,400.22	<i>156.29</i> 300,069.77	<i>195.36</i> 375,087.21	<i>234.80</i> 450,817.32	90,163.46	<i>281.76</i> 540,980.78
USR BARR Concrete - Footing - Form, Strip and Cure	3,120.00	SF	Subcontractor - Concrete MN	<i>8.15</i> 25,422.62	<i>9.68</i> 30,208.08	<i>12.10</i> 37,760.10	<i>14.55</i> 45,383.87	<i>20.00%</i> 9,076.77	<i>17.46</i> 54,460.64
USR BARR Concrete - Footing - Pour	1,920.00	CY	Subcontractor - Concrete MN	<i>128.00</i> 245,763.20	<i>134.97</i> 259,136.57	<i>168.71</i> 323,920.71	<i>202.77</i> 389,320.30	<i>20.00%</i> 77,864.06	<i>243.33</i> 467,184.36
				<i>106.40</i>	<i>111.72</i>	<i>139.65</i>	<i>167.85</i>	<i>20.00%</i>	<i>201.41</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - 5% Waste	96.00	CY	Subcontractor - Concrete MN	10,214.40	10,725.12	13,406.40	16,113.15	3,222.63	19,335.78
903020203 Concrete - Wall	1,200.00	CY	Subcontractor - Concrete MN	245.85 295,019.33	276.36 331,626.91	345.44 414,533.64	415.19 498,227.98	99,645.60	498.23 597,873.58
USR BARR Concrete - Wall- Build Forms	2,000.00	SF	Subcontractor - Concrete MN	1.93 3,865.00	2.53 5,065.10	3.17 6,331.37	3.80 7,609.68	20.00% 1,521.94	4.57 9,131.61
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete MN	229.78 919.11	290.54 1,162.18	363.18 1,452.72	436.51 1,746.02	20.00% 349.20	523.81 2,095.23
USR BARR Concrete - Wall - Form, Strip and Cure	13,700.00	SF	Subcontractor - Concrete MN	9.19 125,839.22	11.10 152,105.58	13.88 190,131.98	16.68 228,519.63	20.00% 45,703.93	20.02 274,223.55
USR BARR Concrete - Wall - Pour	1,200.00	CY	Subcontractor - Concrete MN	131.50 157,802.00	138.64 166,370.35	173.30 207,962.94	208.29 249,950.66	20.00% 49,990.13	249.95 299,940.79
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	60.00	CY	Subcontractor - Concrete MN	109.90 6,594.00	115.40 6,923.70	144.24 8,654.63	173.37 10,401.99	20.00% 2,080.40	208.04 12,482.39
903020204 Concrete - Piers	147.00	CY	Subcontractor - Concrete MN	585.21 86,025.51	698.57 102,690.33	873.22 128,362.91	1,049.52 154,279.38	30,855.88	1,259.42 185,135.26
USR BARR Concrete - Pier - Build Forms	2,693.00	SF	Subcontractor - Concrete MN	4.93 13,283.23	5.53 14,899.16	6.92 18,623.95	8.31 22,384.12	20.00% 4,476.82	9.97 26,860.94
USR BARR Concrete - Pier - Assemble and Modify Forms	1.00	EA	Subcontractor - Concrete MN	229.78 229.78	290.54 290.54	363.18 363.18	436.51 436.51	20.00% 87.30	523.81 523.81
USR BARR Concrete - Pier- Form, Strip and Cure	2,693.00	SF	Subcontractor - Concrete MN	12.16 32,757.09	14.72 39,641.31	18.40 49,551.64	22.12 59,556.11	20.00% 11,911.22	26.54 71,467.33
USR BARR Concrete - Pier- Pour	147.00	CY	Subcontractor - Concrete MN	264.95 38,947.65	319.80 47,011.16	399.75 58,763.96	480.47 70,628.40	20.00% 14,125.68	576.56 84,754.08

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	7.35	CY	Subcontractor - Concrete MN	109.90 807.77	115.40 848.15	144.24 1,060.19	173.37 1,274.24	20.00% 254.85	208.04 1,529.09
903020205 Concrete - Elevated Deck	85.00	CY	Subcontractor - Concrete MN	279.87 23,788.78	319.74 27,178.32	399.68 33,972.90	480.38 40,832.03	8,166.41	576.45 48,998.44
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	2,355.00	SF	Subcontractor - Concrete MN	5.05 11,890.03	6.18 14,561.96	7.73 18,202.45	9.29 21,877.52	20.00% 4,375.50	11.15 26,253.03
USR BARR Concrete - Elevated Deck - Pour	85.00	CY	Subcontractor - Concrete MN	134.49 11,431.68	142.66 12,125.93	178.32 15,157.42	214.33 18,217.70	20.00% 3,643.54	257.19 21,861.24
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	4.25	CY	Subcontractor - Concrete MN	109.90 467.08	115.40 490.43	144.24 613.04	173.37 736.81	20.00% 147.36	208.04 884.17
903020206 Steel Reinforcement Bars	493,000.00	LB	Subcontractor - Steel Erection MN	1.07 526,382.62	1.26 621,763.84	1.58 777,204.80	1.89 934,122.45	186,824.49	2.27 1,120,946.94
USR BARR Steel Reinforcement Bars - Furnish and Install	493,000.00	LB	Subcontractor - Steel Erection MN	0.81 399,330.00	0.98 483,794.92	1.23 604,743.65	1.47 726,841.39	20.00% 145,368.28	1.77 872,209.67
USR BARR Steel Reinforcement Bars - Hoist	493,000.00	LB	Subcontractor - Steel Erection MN	0.26 127,052.62	0.28 137,968.92	0.35 172,461.15	0.42 207,281.06	20.00% 41,456.21	0.50 248,737.27
903020207 Hydraulic Gates - Steel	2.00	EA	Subcontractor - Steel Erection MN	184,809.58 369,619.16	198,071.31 396,142.62	247,589.14 495,178.27	297,577.38 595,154.77	119,030.95	357,092.86 714,185.72
USR BARR Hydraulic Gates - Steel - Furnish	200.00	SF	Subcontractor - Steel Erection MN	400.00 80,000.00	420.00 84,000.00	525.00 105,000.00	631.00 126,199.50	20.00% 25,239.90	757.20 151,439.40
USR BARR Hydraulic Gates - Steel - Install	2.00	EA	Subcontractor - Steel Erection MN	44,809.58 89,619.16	56,071.31 112,142.62	70,089.14 140,178.27	84,240.13 168,480.27	20.00% 33,696.05	101,088.16 202,176.32
				100,000.00	100,000.00	125,000.00	150,237.50	20.00%	180,285.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Hydraulic Gate Hoist - Furnish and Install	2.00	EA	Subcontractor - Steel Erection MN	200,000.00	200,000.00	250,000.00	300,475.00	60,095.00	360,570.00
903020208 Bulkheads - Steel	1.00	LS	Subcontractor - Steel Erection MN	26,800.00	28,006.00	35,007.50	42,075.51	8,415.10	50,490.62
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Steel Erection MN	26,800.00	28,006.00	35,007.50	42,075.51	8,415.10	50,490.62
903020209 Bridge Railing	500.00	LF	Subcontractor - Steel Erection MN	20,000.00	20,500.00	25,625.00	30,798.69	6,159.74	36,958.43
USR BARR Bridge Railing - Furnish and Install	500.00	LF	Subcontractor - Steel Erection MN	20,000.00	20,500.00	25,625.00	30,798.69	6,159.74	36,958.43
903020210 Steel Sheetpile	600.00	SF	Subcontractor - Pile Driving MN	20,087.50	22,520.04	28,150.05	33,833.54	6,766.71	40,600.25
USR BARR Sheet Piling - Furnish	600.00	SF	Subcontractor - Pile Driving MN	10,500.00	11,025.00	13,781.25	16,563.68	3,312.74	19,876.42
USR BARR Sheet Piling - Unload Sheeting	1.00	EA	Subcontractor - Pile Driving MN	212.33	267.77	334.71	402.29	80.46	482.75
USR BARR Sheet Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving MN	2,406.95	2,858.79	3,573.48	4,294.97	858.99	5,153.96
USR BARR Sheet Piling - Drive Sheets	40.00	EA	Subcontractor - Pile Driving MN	6,418.53	7,623.43	9,529.29	11,453.25	2,290.65	13,743.90
USR BARR Sheet Piling - Cut Sheets	40.00	EA	Subcontractor - Pile Driving MN	549.70	745.05	931.31	1,119.34	223.87	1,343.21
903020211 Structural Aggregate Backfill	600.00	ECY	Subcontractor - Excavation - Earth MN	12,491.27	13,137.51	16,027.76	19,263.76	3,852.75	23,116.52
USR BARR Aggregate Base - Class V - Furnish and Install	600.00	ECY	Subcontractor - Excavation - Earth MN	12,491.27	13,137.51	16,027.76	19,263.76	3,852.75	23,116.52

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9030203 Riprap	1.00	EA	Subcontractor - Excavation - Earth MN	<i>42,619.55</i> 42,619.55	<i>44,923.67</i> 44,923.67	<i>54,806.87</i> 54,806.87	<i>65,872.38</i> 65,872.38	13,174.48	<i>79,046.86</i> 79,046.86
USR BARR Select Granular Aggregate - Furnish and Install	200.00	CY	Subcontractor - Excavation - Earth MN	<i>56.82</i> 11,363.76	<i>59.70</i> 11,939.17	<i>72.83</i> 14,565.79	<i>87.53</i> 17,506.62	<i>20.00%</i> 3,501.32	<i>105.04</i> 21,007.94
USR BARR Riprap - Furnish and Install	400.00	CY	Subcontractor - Excavation - Earth MN	<i>78.14</i> 31,255.80	<i>82.46</i> 32,984.50	<i>100.60</i> 40,241.09	<i>120.91</i> 48,365.76	<i>20.00%</i> 9,673.15	<i>145.10</i> 58,038.92
9030204 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth MN	<i>170,450.00</i> 170,450.00	<i>174,711.25</i> 174,711.25	<i>213,147.73</i> 213,147.73	<i>256,182.25</i> 256,182.25	51,236.45	<i>307,418.70</i> 307,418.70
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth MN	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth MN	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth MN	6,700.00	6,867.50	8,378.35	10,069.94	2,013.99	12,083.93
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth MN	16,750.00	17,168.75	20,945.88	25,174.85	5,034.97	30,209.82
USR BARR Equipment Storage Shed	2,000.00	SF	Subcontractor - Excavation - Earth MN	<i>40.00</i> 80,000.00	<i>41.00</i> 82,000.00	<i>50.02</i> 100,040.00	<i>60.12</i> 120,238.08	<i>20.00%</i> 24,047.62	<i>72.14</i> 144,285.69
904 Hydraulic Structure - Wild Rice River	1.00	EA	Prime - Management (Excavation - Earth) ND	<i>18,865,061.43</i> 18,865,061.43	<i>19,874,965.20</i> 19,874,965.20	<i>24,418,074.79</i> 24,418,074.79	<i>29,348,084.09</i> 29,348,084.09	5,869,616.82	<i>35,217,700.90</i> 35,217,700.90
90401 Hydraulic Structure - Wild Rice River - Site work	1.00	EA	Prime - Management (Excavation - Earth) ND	<i>6,765,458.97</i> 6,765,458.97	<i>7,055,515.36</i> 7,055,515.36	<i>8,612,929.25</i> 8,612,929.25	<i>10,351,879.66</i> 10,351,879.66	2,070,375.93	<i>12,422,255.59</i> 12,422,255.59

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9040101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	40,000.00	40,000.00	48,800.00	58,652.72	11,730.54	70,383.26
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	40,000.00	40,000.00	48,800.00	58,652.72	11,730.54	70,383.26
9040102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	352,077.39	379,438.13	462,914.52	556,376.96	111,275.39	667,652.35
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	16,100.00	LF	Subcontractor - Excavation - Earth ND	40,775.32	49,015.74	59,799.20	71,872.66	14,374.53	86,247.19
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	43,560.00	SY	Subcontractor - Excavation - Earth ND	274,860.12	294,475.82	359,260.50	431,795.19	86,359.04	518,154.23
USR BARR Temporary Sedimentation Basins	12,000.00	BCY	Subcontractor - Excavation - Earth ND	35,591.96	35,075.32	42,791.89	51,431.58	10,286.32	61,717.89
USR BARR Floating Silt Curtain	100.00	LF	Subcontractor - Excavation - Earth ND	850.00	871.25	1,062.93	1,277.53	255.51	1,533.04
9040103 Clearing and Grubbing	29.00	ACR	Subcontractor - Excavation - Earth ND	30,458.07	33,428.00	40,782.16	49,016.08	9,803.22	58,819.29
USR BARR Clearing and Grubbing	29.00	ACR	Subcontractor - Excavation - Earth ND	30,458.07	33,428.00	40,782.16	49,016.08	9,803.22	58,819.29
9040104 Strip and Stockpile Topsoil	120,000.00	BCY	Subcontractor - Excavation - Earth ND	158,352.88	162,384.51	198,109.11	238,107.33	47,621.47	285,728.80

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Topsoil - Channel - Strip	120,000.00	BCY	Subcontractor - Excavation - Earth ND	0.73 87,783.34	0.75 89,811.30	0.91 109,569.79	1.10 131,691.93	20.00% 26,338.39	1.32 158,030.32
USR BARR Topsoil - Channel - Stockpile	120,000.00	BCY	Subcontractor - Excavation - Earth ND	0.59 70,569.53	0.60 72,573.21	0.74 88,539.32	0.89 106,415.40	20.00% 21,283.08	1.06 127,698.49
9040105 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	761,589.74 761,589.74	801,931.35 801,931.35	978,356.24 978,356.24	1,175,886.37 1,175,886.37	235,177.27	1,411,063.64 1,411,063.64
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	45,222.00	BCY	Subcontractor - Excavation - Earth ND	7.85 355,085.55	8.24 372,602.71	10.05 454,575.30	12.08 546,354.06	20.00% 109,270.81	14.50 655,624.87
USR BARR Aggregate Base - Class V - Furnish and Install	17,315.00	ECY	Subcontractor - Excavation - Earth ND	20.82 360,477.19	21.87 378,751.63	26.69 462,076.99	32.07 555,370.34	20.00% 111,074.07	38.49 666,444.41
RSM 312323184600 Hauling, haul road maintenance, includes loading	60.00	DAY	Subcontractor - Excavation - Earth ND	767.12 46,027.00	842.95 50,577.00	1,028.40 61,703.95	1,236.03 74,161.97	20.00% 14,832.39	1,483.24 88,994.37
9040106 Coffering - Steel Sheetpile	4,200.00	SF	Subcontractor - Pile Driving ND	38.96 163,618.00	41.27 173,350.07	51.59 216,687.58	62.01 260,436.81	52,087.36	74.41 312,524.17
USR BARR Sheet Piling - Furnish Material	4,200.00	SF	Subcontractor - Pile Driving ND	17.50 73,500.00	18.38 77,175.00	22.97 96,468.75	27.61 115,945.79	20.00% 23,189.16	33.13 139,134.95
USR BARR Sheet Piling - Unload Sheeting	3.00	EA	Subcontractor - Pile Driving ND	212.33 636.98	263.09 789.28	328.87 986.60	395.26 1,185.79	20.00% 237.16	474.32 1,422.95
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	2,406.95 4,813.90	2,816.54 5,633.09	3,520.68 7,041.36	4,231.51 8,463.01	20.00% 1,692.60	5,077.81 10,155.62
USR BARR Sheet Piling - Drive Sheets	94.00	EA	Subcontractor - Pile Driving ND	160.46 15,083.54	187.77 17,650.35	234.71 22,062.93	282.10 26,517.44	20.00% 5,303.49	338.52 31,820.93

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				13.74	18.23	22.79	27.39	20.00%	32.87
USR BARR Sheet Piling - Cut Sheets	188.00	EA	Subcontractor - Pile Driving ND	2,583.59	3,427.35	4,284.19	5,149.17	1,029.83	6,179.00
USR BARR Control of water	1.00	LS	Subcontractor - Pile Driving ND	67,000.00	68,675.00	85,843.75	103,175.60	20,635.12	123,810.72
9040107 Embankment - Temporary Levee	6,908.00	BCY	Subcontractor - Excavation - Earth ND	9.83 67,927.02	10.29 71,109.50	12.56 86,753.59	15.09 104,269.14	20,853.83	18.11 125,122.96
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Excavate	6,908.00	BCY	Subcontractor - Excavation - Earth ND	0.95 6,582.09	0.98 6,755.52	1.19 8,241.73	1.43 9,905.74	20.00% 1,981.15	1.72 11,886.88
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Spoil	6,908.00	BCY	Subcontractor - Excavation - Earth ND	0.65 4,491.98	0.67 4,609.10	0.81 5,623.10	0.98 6,758.40	20.00% 1,351.68	1.17 8,110.08
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Semi Compact and Manage Moisture Content	6,908.00	BCY	Subcontractor - Excavation - Earth ND	0.38 2,610.97	0.41 2,827.02	0.50 3,448.97	0.60 4,145.32	20.00% 829.06	0.72 4,974.38
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	6,908.00	BCY	Subcontractor - Excavation - Earth ND	7.85 54,241.98	8.24 56,917.86	10.05 69,439.79	12.08 83,459.68	20.00% 16,691.94	14.50 100,151.62
9040108 Excavation and Embankment - Channel Realignment	1.00	BCY	Subcontractor - Excavation - Earth ND	2,251,639.93 2,251,639.93	2,349,332.09 2,349,332.09	2,866,185.15 2,866,185.15	3,444,867.93 3,444,867.93	688,973.59	4,133,841.52 4,133,841.52
904010801 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	433,484.00	BCY	Subcontractor - Excavation - Earth ND	4.71 2,042,712.95	4.92 2,130,909.56	6.00 2,599,709.66	7.21 3,124,591.05	624,918.21	8.65 3,749,509.26
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	433,484.00	BCY	Subcontractor - Excavation - Earth ND	0.95 413,032.64	0.98 423,915.55	1.19 517,176.98	1.43 621,595.01	20.00% 124,319.00	1.72 745,914.01

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	433,484.00	BCY	Subcontractor - Excavation - Earth ND	0.65 281,876.26	0.67 289,225.49	0.81 352,855.10	0.98 424,096.54	20.00% 84,819.31	1.17 508,915.85
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	275,075.00	BCY	Subcontractor - Excavation - Earth ND	0.38 103,968.16	0.41 112,571.44	0.50 137,337.16	0.60 165,065.53	20.00% 33,013.11	0.72 198,078.64
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	158,409.00	BCY	Subcontractor - Excavation - Earth ND	7.85 1,243,835.90	8.24 1,305,197.08	10.05 1,592,340.43	12.08 1,913,833.97	20.00% 382,766.79	14.50 2,296,600.76
904010802 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	50,126.00	BCY	Subcontractor - Excavation - Earth ND	2.30 115,222.05	2.38 119,317.56	2.90 145,567.42	3.49 174,957.49	34,991.50	4.19 209,948.99
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	50,126.00	BCY	Subcontractor - Excavation - Earth ND	1.27 63,681.47	1.30 65,359.40	1.59 79,738.47	1.91 95,837.67	20.00% 19,167.53	2.29 115,005.20
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	50,126.00	BCY	Subcontractor - Excavation - Earth ND	0.65 32,594.81	0.67 33,444.64	0.81 40,802.46	0.98 49,040.48	20.00% 9,808.10	1.17 58,848.58
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	50,126.00	BCY	Subcontractor - Excavation - Earth ND	0.38 18,945.77	0.41 20,513.52	0.50 25,026.49	0.60 30,079.34	20.00% 6,015.87	0.72 36,095.21
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				2.97	3.08	3.76	4.52		5.43

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
904010803 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	5,744.00	BCY	Subcontractor - Excavation - Earth ND	17,033.61	17,712.24	21,608.93	25,971.77	5,194.35	31,166.13
				<i>0.95</i>	<i>0.97</i>	<i>1.18</i>	<i>1.42</i>	<i>20.00%</i>	<i>1.71</i>
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	5,744.00	BCY	Subcontractor - Excavation - Earth ND	5,474.55	5,573.59	6,799.78	8,172.65	1,634.53	9,807.18
				<i>0.98</i>	<i>1.04</i>	<i>1.26</i>	<i>1.52</i>	<i>20.00%</i>	<i>1.82</i>
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	5,744.00	BCY	Subcontractor - Excavation - Earth ND	5,652.97	5,955.52	7,265.73	8,732.68	1,746.54	10,479.22
				<i>0.65</i>	<i>0.67</i>	<i>0.81</i>	<i>0.98</i>	<i>20.00%</i>	<i>1.17</i>
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	5,744.00	BCY	Subcontractor - Excavation - Earth ND	3,735.08	3,832.46	4,675.60	5,619.61	1,123.92	6,743.53
				<i>0.38</i>	<i>0.41</i>	<i>0.50</i>	<i>0.60</i>	<i>20.00%</i>	<i>0.72</i>
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	5,744.00	BCY	Subcontractor - Excavation - Earth ND	2,171.02	2,350.67	2,867.82	3,446.83	689.37	4,136.19
				<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>		<i>0.00</i>
904010804 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>1.53</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>1.23</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>0.65</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>0.38</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
904010805 Excavation and Embankment - Channel	330,945.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.23</i> 76,671.31	<i>0.25</i> 81,392.73	<i>0.30</i> 99,299.13	<i>0.36</i> 119,347.63	23,869.53	<i>0.43</i> 143,217.16
USR BARR Earthwork - Haul from No-Spoil Areas	330,945.00	BCY	Subcontractor - Excavation - Earth ND	76,671.31	81,392.73	99,299.13	119,347.63	23,869.53	143,217.16
9040109 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	<i>704,787.34</i> 704,787.34	<i>725,747.94</i> 725,747.94	<i>885,412.49</i> 885,412.49	<i>1,064,177.27</i> 1,064,177.27	212,835.45	<i>1,277,012.72</i> 1,277,012.72
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	30.00	DAY	Subcontractor - Excavation - Earth ND	<i>909.58</i> 27,287.34	<i>1,046.81</i> 31,404.19	<i>1,277.10</i> 38,313.11	<i>1,534.95</i> 46,048.53	<i>20.00%</i> 9,209.71	<i>1,841.94</i> 55,258.24
USR BARR Temporary Storm Sewer Pipe	300.00	LF	Subcontractor - Excavation - Earth ND	<i>25.00</i> 7,500.00	<i>25.31</i> 7,593.75	<i>30.88</i> 9,264.38	<i>37.12</i> 11,134.85	<i>20.00%</i> 2,226.97	<i>44.54</i> 13,361.82
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	670,000.00	686,750.00	837,835.00	1,006,993.89	201,398.78	1,208,392.66
9040110 Electrical Utilities	2,000.00	LF	Subcontractor - Excavation - Earth ND	<i>24.00</i> 48,000.00	<i>25.20</i> 50,400.00	<i>30.74</i> 61,488.00	<i>36.95</i> 73,902.43	14,780.49	<i>44.34</i> 88,682.91
USR BARR Electrical Utilities	2,000.00	LF	Subcontractor - Excavation - Earth ND	48,000.00	50,400.00	61,488.00	73,902.43	14,780.49	88,682.91
9040111 Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	700,000.00	717,500.00	875,350.00	1,052,083.17	210,416.63	1,262,499.80
USR BARR Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	700,000.00	717,500.00	875,350.00	1,052,083.17	210,416.63	1,262,499.80

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9040112 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	<i>400,000.00</i> 400,000.00	<i>410,000.00</i> 410,000.00	<i>500,200.00</i> 500,200.00	<i>601,190.38</i> 601,190.38	120,238.08	<i>721,428.46</i> 721,428.46
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.00	MI	Subcontractor - Excavation - Earth ND	<i>100,000.00</i> 200,000.00	<i>102,500.00</i> 205,000.00	<i>125,050.00</i> 250,100.00	<i>150,297.60</i> 300,595.19	20.00% 60,119.04	<i>180,357.11</i> 360,714.23
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	<i>200,000.00</i> 200,000.00	<i>205,000.00</i> 205,000.00	<i>250,100.00</i> 250,100.00	<i>300,595.19</i> 300,595.19	20.00% 60,119.04	<i>360,714.23</i> 360,714.23
9040113 Dust Control	60.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 30,000.00	<i>500.00</i> 30,000.00	<i>610.00</i> 36,600.00	<i>733.16</i> 43,989.54	8,797.91	<i>879.79</i> 52,787.45
USR BARR Dust Control	60.00	DAY	Subcontractor - Excavation - Earth ND	<i>500.00</i> 30,000.00	<i>500.00</i> 30,000.00	<i>610.00</i> 36,600.00	<i>733.16</i> 43,989.54	20.00% 8,797.91	<i>879.79</i> 52,787.45
9040114 Topsoil Placement	120,000.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.13</i> 135,419.61	<i>1.16</i> 139,632.89	<i>1.42</i> 170,352.13	<i>1.71</i> 204,746.23	40,949.25	<i>2.05</i> 245,695.47
USR BARR Topsoil - Placement from Stockpile	120,000.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.13</i> 135,419.61	<i>1.16</i> 139,632.89	<i>1.42</i> 170,352.13	<i>1.71</i> 204,746.23	20.00% 40,949.25	<i>2.05</i> 245,695.47
9040115 Site Restoration	90.00	ACR	Subcontractor - Excavation - Earth ND	<i>2,622.18</i> 235,996.60	<i>2,750.98</i> 247,588.27	<i>3,356.20</i> 302,057.69	<i>4,033.81</i> 363,043.13	72,608.63	<i>4,840.58</i> 435,651.76
USR BARR Seeding	90.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,272.18</i> 114,496.60	<i>1,393.48</i> 125,413.27	<i>1,700.05</i> 153,004.19	<i>2,043.29</i> 183,895.73	20.00% 36,779.15	<i>2,451.94</i> 220,674.88
USR BARR Straw Mulch and Disk Anchoring	90.00	ACR	Subcontractor - Excavation - Earth ND	<i>400.00</i> 36,000.00	<i>405.00</i> 36,450.00	<i>494.10</i> 44,469.00	<i>593.86</i> 53,447.29	20.00% 10,689.46	<i>712.63</i> 64,136.75

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Vegetation Establishment and Maintenance	90.00	ACR	Subcontractor - Excavation - Earth ND	950.00 85,500.00	952.50 85,725.00	1,162.05 104,584.50	1,396.67 125,700.11	20.00% 25,140.02	1,676.00 150,840.13
9040116 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	40,926.79 40,926.79	44,251.70 44,251.70	53,987.08 53,987.08	64,887.07 64,887.07	12,977.41	77,864.48 77,864.48
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	2,000.00	LF	Subcontractor - Excavation - Earth ND	16.70 33,394.03	18.17 36,339.71	22.17 44,334.44	26.64 53,285.57	20.00% 10,657.11	31.97 63,942.68
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	4.00	EA	Subcontractor - Excavation - Earth ND	883.19 3,532.76	946.75 3,786.99	1,155.03 4,620.13	1,388.23 5,552.94	20.00% 1,110.59	1,665.88 6,663.52
9040117 Snow Removal	640.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,527.00	111.70 71,489.68	136.28 87,217.41	163.79 104,826.61	20,965.32	196.55 125,791.93
USR BARR Snow Removal	640.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,527.00	111.70 71,489.68	136.28 87,217.41	163.79 104,826.61	20.00% 20,965.32	196.55 125,791.93
9040118 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	18,213.87 18,213.87	18,939.51 18,939.51	23,106.21 23,106.21	27,771.35 27,771.35	5,554.27	33,325.62 33,325.62
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901081301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00		0.00
901081302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.27	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901081303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	6,142.00	BCY	Subcontractor - Excavation - Earth ND	18,213.87	18,939.51	23,106.21	27,771.35	5,554.27	33,325.62
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	6,142.00	BCY	Subcontractor - Excavation - Earth ND	5,853.88	5,959.78	7,270.93	8,738.93	1,747.79	10,486.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	6,142.00	BCY	Subcontractor - Excavation - Earth ND	6,044.66	6,368.17	7,769.17	9,337.77	1,867.55	11,205.32
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	6,142.00	BCY	Subcontractor - Excavation - Earth ND	3,993.88	4,098.01	4,999.58	6,008.99	1,201.80	7,210.79
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	6,142.00	BCY	Subcontractor - Excavation - Earth ND	2,321.45	2,513.55	3,066.53	3,685.66	737.13	4,422.79
901081304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9040119 Lower Bank Protection	5,867.00	CY	Subcontractor - Excavation - Earth ND	<i>91.78</i> 538,444.37	<i>96.37</i> 565,386.41	<i>117.57</i> 689,771.42	<i>141.30</i> 829,036.27	165,807.25	<i>169.57</i> 994,843.53
USR BARR Lower Bank Protection Riprap - Furnish and Install	5,867.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 458,444.37	<i>82.05</i> 481,386.41	<i>100.10</i> 587,291.42	<i>120.31</i> 705,865.56	<i>20.00%</i> 141,173.11	<i>144.37</i> 847,038.67
USR BARR Lower Bank Protection Geotextile - Furnish and Install	20,000.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 80,000.00	<i>4.20</i> 84,000.00	<i>5.12</i> 102,480.00	<i>6.16</i> 123,170.71	<i>20.00%</i> 24,634.14	<i>7.39</i> 147,804.85
9040120 Low Flow Channel Riprap Protection	275.00	CY	Subcontractor - Excavation - Earth ND	<i>81.75</i> 22,480.36	<i>85.84</i> 23,605.31	<i>104.72</i> 28,798.47	<i>125.87</i> 34,612.89	6,922.58	<i>151.04</i> 41,535.46
USR BARR Grade Control Riprap - Furnish and Install	275.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 21,488.36	<i>82.05</i> 22,563.71	<i>100.10</i> 27,527.72	<i>120.31</i> 33,085.57	<i>20.00%</i> 6,617.11	<i>144.37</i> 39,702.68
USR BARR Grade Control Geotextile - Furnish and Install	248.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 992.00	<i>4.20</i> 1,041.60	<i>5.12</i> 1,270.75	<i>6.16</i> 1,527.32	<i>20.00%</i> 305.46	<i>7.39</i> 1,832.78
90402 Hydraulic Structure - Wild Rice River - Structure	1.00	EA	Prime - Management (Excavation - Earth) ND	<i>12,099,602.46</i> 12,099,602.46	<i>12,819,449.83</i> 12,819,449.83	<i>15,805,145.54</i> 15,805,145.54	<i>18,996,204.42</i> 18,996,204.42	3,799,240.88	<i>22,795,445.31</i> 22,795,445.31
9040201 Earthwork - Structural	27,411.00	BCY	Subcontractor - Excavation - Earth ND	<i>3.88</i> 106,368.08	<i>4.06</i> 111,174.93	<i>4.95</i> 135,633.42	<i>5.95</i> 163,017.81	32,603.56	<i>7.14</i> 195,621.37
USR BARR Earthwork - Structural Excavation	27,411.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.71</i> 19,461.90	<i>0.72</i> 19,827.49	<i>0.88</i> 24,189.54	<i>1.06</i> 29,073.41	<i>20.00%</i> 5,814.68	<i>1.27</i> 34,888.09
USR BARR Earthwork - Structural Haul	27,411.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.29</i> 35,250.35	<i>1.36</i> 37,143.31	<i>1.65</i> 45,314.84	<i>1.99</i> 54,463.91	<i>20.00%</i> 10,892.78	<i>2.38</i> 65,356.69

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Structural Embankment	27,411.00	BCY	Subcontractor - Excavation - Earth ND	1.88 51,655.83	1.98 54,204.13	2.41 66,129.04	2.90 79,480.49	20.00% 15,896.10	3.48 95,376.59
9040202 Gated Structure	1.00	EA	Prime - Management (Excavation - Earth) ND	2,465,705.36	2,697,035.00	3,368,741.68	4,048,890.63	809,778.13	4,858,668.76
904020201 HP 14X73 Piling	5,100.00	LF	Subcontractor - Pile Driving ND	47.77 243,643.28	51.05 260,364.93	63.81 325,456.16	76.70 391,165.76	78,233.15	92.04 469,398.91
USR BARR HP 14X73 Piling - Furnish Material	5,100.00	LF	Subcontractor - Pile Driving ND	29.93 152,643.00	31.43 160,275.15	39.28 200,343.94	47.21 240,793.38	20.00% 48,158.68	56.66 288,952.05
USR BARR HP 14X73 Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	2,406.95 4,813.90	2,816.54 5,633.09	3,520.68 7,041.36	4,231.51 8,463.01	20.00% 1,692.60	5,077.81 10,155.62
USR BARR HP 14X73 Piling - Unload Piles	10.00	EA	Subcontractor - Pile Driving ND	499.37 4,993.71	584.57 5,845.70	730.71 7,307.13	878.24 8,782.43	20.00% 1,756.49	1,053.89 10,538.92
USR BARR HP 14X73 Piling - Weld Splices	25.00	EA	Subcontractor - Pile Driving ND	63.59 1,589.78	79.29 1,982.15	99.11 2,477.69	119.12 2,977.94	20.00% 595.59	142.94 3,573.53
USR BARR HP 14X73 Piling - Drive Piling	5,100.00	LF	Subcontractor - Pile Driving ND	7.41 37,770.57	8.67 44,198.09	10.83 55,247.61	13.02 66,402.10	20.00% 13,280.42	15.62 79,682.52
USR BARR HP 14X73 Piling - Cut Offs	100.00	EA	Subcontractor - Pile Driving ND	18.32 1,832.33	24.31 2,430.75	30.38 3,038.43	36.52 3,651.89	20.00% 730.38	43.82 4,382.27
USR HP 14X73 Piling - Pile Test, 52 ft	8.00	EA	Subcontractor - Pile Driving ND	5,000.00 40,000.00	5,000.00 40,000.00	6,250.00 50,000.00	7,511.88 60,095.00	20.00% 12,019.00	9,014.25 72,114.00
904020202 Concrete - Footing	832.00	CY	Subcontractor - Concrete ND	142.52 118,574.86	150.92 125,568.52	188.65 156,960.65	226.74 188,651.00	37,730.20	272.09 226,381.20
USR BARR Concrete - Footing - Form, Strip and Cure	939.00	SF	Subcontractor - Concrete ND	8.15 7,651.23	9.42 8,846.89	11.78 11,058.61	14.15 13,291.34	20.00% 2,658.27	16.99 15,949.61

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				128.00	134.70	168.38	202.38	20.00%	242.85
USR BARR Concrete - Footing - Pour	832.00	CY	Subcontractor - Concrete ND	106,497.39	112,074.08	140,092.60	168,377.29	33,675.46	202,052.75
				106.40	111.72	139.65	167.85	20.00%	201.41
USR BARR Concrete - 5% Waste	41.60	CY	Subcontractor - Concrete ND	4,426.24	4,647.55	5,809.44	6,982.37	1,396.47	8,378.84
904020203 Concrete - Piers	1,604.00	CY	Subcontractor - Concrete ND	399.63 641,012.00	468.89 752,097.22	586.11 940,121.53	704.45 1,129,932.06	225,986.41	845.34 1,355,918.48
				4.93	5.44	6.80	8.17	20.00%	9.81
USR BARR Concrete - Pier - Build Forms	2,560.00	SF	Subcontractor - Concrete ND	12,627.20	13,925.40	17,406.75	20,921.17	4,184.23	25,105.40
				229.78	280.84	351.05	421.93	20.00%	506.32
USR BARR Concrete - Pier - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	919.11	1,123.37	1,404.21	1,687.72	337.54	2,025.26
				12.16	14.29	17.86	21.46	20.00%	25.76
USR BARR Concrete - Pier- Form, Strip and Cure	15,922.00	SF	Subcontractor - Concrete ND	193,671.91	227,461.80	284,327.25	341,732.92	68,346.58	410,079.50
				264.95	311.93	389.91	468.63	20.00%	562.36
USR BARR Concrete - Pier- Pour	1,604.00	CY	Subcontractor - Concrete ND	424,979.80	500,331.98	625,414.98	751,686.26	150,337.25	902,023.51
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	80.20	CY	Subcontractor - Concrete ND	8,813.98	9,254.68	11,568.35	13,904.00	2,780.80	16,684.80
904020204 Concrete - Elevated Deck	59.00	CY	Subcontractor - Concrete ND	237.80 14,029.97	264.18 15,586.88	330.23 19,483.59	396.90 23,417.33	4,683.47	476.28 28,100.80
				5.05	6.00	7.50	9.01	20.00%	10.81
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	1,143.00	SF	Subcontractor - Concrete ND	5,770.83	6,854.72	8,568.40	10,298.36	2,059.67	12,358.04
				134.49	142.23	177.79	213.69	20.00%	256.42
USR BARR Concrete - Elevated Deck - Pour	59.00	CY	Subcontractor - Concrete ND	7,934.93	8,391.74	10,489.67	12,607.54	2,521.51	15,129.04
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	2.95	CY	Subcontractor - Concrete ND	324.21	340.42	425.52	511.43	102.29	613.72

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
904020205 Steel Reinforcement Bars	192,447.00	LB	Subcontractor - Steel Erection ND	<i>1.07</i> 205,478.21	<i>1.22</i> 234,496.44	<i>1.52</i> 293,120.55	<i>1.83</i> 352,301.59	70,460.32	422,761.91
USR BARR Steel Reinforcement Bars - Furnish and Install	192,447.00	LB	Subcontractor - Steel Erection ND	<i>0.81</i> 155,882.07	<i>0.95</i> 182,075.97	<i>1.18</i> 227,594.97	<i>1.42</i> 273,546.39	20.00% 54,709.28	<i>1.71</i> 328,255.67
USR BARR Steel Reinforcement Bars - Hoist	192,447.00	LB	Subcontractor - Steel Erection ND	<i>0.26</i> 49,596.14	<i>0.27</i> 52,420.47	<i>0.34</i> 65,525.59	<i>0.41</i> 78,755.20	20.00% 15,751.04	<i>0.49</i> 94,506.24
904020206 Hydraulic Gates - Steel	2.00	EA	Subcontractor - Steel Erection ND	<i>504,809.58</i> 1,009,619.16	<i>531,177.79</i> 1,062,355.58	<i>663,972.24</i> 1,327,944.47	<i>798,028.23</i> 1,596,056.46	319,211.29	957,633.88 1,915,267.76
USR BARR Hydraulic Gates - Steel - Furnish	1,800.00	SF	Subcontractor - Steel Erection ND	<i>400.00</i> 720,000.00	<i>420.00</i> 756,000.00	<i>525.00</i> 945,000.00	<i>631.00</i> 1,135,795.50	20.00% 227,159.10	<i>757.20</i> 1,362,954.60
USR BARR Hydraulic Gates - Steel - Install	2.00	EA	Subcontractor - Steel Erection ND	<i>44,809.58</i> 89,619.16	<i>53,177.79</i> 106,355.58	<i>66,472.24</i> 132,944.47	<i>79,892.98</i> 159,785.96	20.00% 31,957.19	<i>95,871.58</i> 191,743.16
USR BARR Hydraulic Gate Hoist - Furnish and Install	2.00	EA	Subcontractor - Steel Erection ND	<i>100,000.00</i> 200,000.00	<i>100,000.00</i> 200,000.00	<i>125,000.00</i> 250,000.00	<i>150,237.50</i> 300,475.00	20.00% 60,095.00	<i>180,285.00</i> 360,570.00
904020207 Bulkheads - Steel	1.00	LS	Subcontractor - Steel Erection ND	100,500.00	105,022.50	131,278.13	157,783.18	31,556.64	189,339.81
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Steel Erection ND	100,500.00	105,022.50	131,278.13	157,783.18	31,556.64	189,339.81
904020208 Bridge Railing	168.00	LF	Subcontractor - Steel Erection ND	<i>40.00</i> 6,720.00	<i>41.00</i> 6,888.00	<i>51.25</i> 8,610.00	<i>61.60</i> 10,348.36	2,069.67	12,418.03
USR BARR Bridge Railing - Furnish and Install	168.00	LF	Subcontractor - Steel Erection ND	<i>40.00</i> 6,720.00	<i>41.00</i> 6,888.00	<i>51.25</i> 8,610.00	<i>61.60</i> 10,348.36	20.00% 2,069.67	<i>73.92</i> 12,418.03
904020209 Steel Sheeppile	1,680.00	SF	Subcontractor - Pile Driving ND	<i>26.88</i> 45,163.65	<i>29.52</i> 49,586.20	<i>36.89</i> 61,982.75	<i>44.34</i> 74,497.07	14,899.41	89,396.48
USR BARR Sheet Piling - Furnish	1,680.00	SF	Subcontractor - Pile Driving ND	<i>17.50</i> 29,400.00	<i>18.38</i> 30,870.00	<i>22.97</i> 38,587.50	<i>27.61</i> 46,378.32	20.00% 9,275.66	<i>33.13</i> 55,653.98

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Unload Sheeting	2.00	EA	Subcontractor - Pile Driving ND	212.33 424.65	263.09 526.18	328.87 657.73	395.26 790.53	20.00% 158.11	474.32 948.63
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	2,406.95 4,813.90	2,816.54 5,633.09	3,520.68 7,041.36	4,231.51 8,463.01	20.00% 1,692.60	5,077.81 10,155.62
USR BARR Sheet Piling - Drive Sheets	56.00	EA	Subcontractor - Pile Driving ND	160.46 8,985.94	187.77 10,515.10	234.71 13,143.88	282.10 15,797.62	20.00% 3,159.52	338.52 18,957.15
USR BARR Sheet Piling - Cut Sheets	112.00	EA	Subcontractor - Pile Driving ND	13.74 1,539.16	18.23 2,041.83	22.79 2,552.28	27.39 3,067.59	20.00% 613.52	32.87 3,681.11
904020210 Structural Aggregate Backfill	3,889.00	ECY	Subcontractor - Excavation - Earth ND	20.82 80,964.24	21.87 85,068.73	26.69 103,783.85	32.07 124,737.81	20.00% 24,947.56	38.49 149,685.38
USR BARR Aggregate Base - Class V - Furnish and Install	3,889.00	ECY	Subcontractor - Excavation - Earth ND	20.82 80,964.24	21.87 85,068.73	26.69 103,783.85	32.07 124,737.81	20.00% 24,947.56	38.49 149,685.38
9040203 Wingwalls	1.00	EA	Prime - Management (Excavation - Earth) ND	2,669,191.03 2,669,191.03	2,931,870.91 2,931,870.91	3,663,940.27 3,663,940.27	4,403,689.81 4,403,689.81	20.00% 880,737.96	5,284,427.77 5,284,427.77
904020301 HP 14X73 Piling	17,476.00	LF	Subcontractor - Pile Driving ND	40.43 706,587.40	43.62 762,267.42	54.52 952,834.27	65.53 1,145,211.51	20.00% 229,042.30	78.64 1,374,253.81
USR BARR HP 14X73 Piling - Furnish Material	17,476.00	LF	Subcontractor - Pile Driving ND	29.93 523,056.68	31.43 549,209.51	39.28 686,511.89	47.21 825,118.64	20.00% 165,023.73	56.66 990,142.37
USR BARR HP 14X73 Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	2,406.95 4,813.90	2,816.54 5,633.09	3,520.68 7,041.36	4,231.51 8,463.01	20.00% 1,692.60	5,077.81 10,155.62
USR BARR HP 14X73 Piling - Unload Piles	32.00	EA	Subcontractor - Pile Driving ND	499.37 15,979.87	584.57 18,706.24	730.71 23,382.80	878.24 28,103.79	20.00% 5,620.76	1,053.89 33,724.55
USR BARR HP 14X73 Piling - Weld Splices	140.00	EA	Subcontractor - Pile Driving ND	56.59 7,922.75	72.29 10,120.06	90.36 12,650.07	108.60 15,204.12	20.00% 3,040.82	130.32 18,244.95

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				7.41	8.67	10.83	13.02	20.00%	15.62
USR BARR HP 14X73 Piling - Drive Piling	17,476.00	LF	Subcontractor - Pile Driving ND	129,427.14	151,452.12	189,315.15	227,537.88	45,507.58	273,045.45
				18.32	24.31	30.38	36.52	20.00%	43.82
USR BARR HP 14X73 Piling - Cut Offs	294.00	EA	Subcontractor - Pile Driving ND	5,387.06	7,146.39	8,932.99	10,736.56	2,147.31	12,883.87
				5,000.00	5,000.00	6,250.00	7,511.88	20.00%	9,014.25
USR HP 14X73 Piling - Pile Test, 52 ft	4.00	EA	Subcontractor - Pile Driving ND	20,000.00	20,000.00	25,000.00	30,047.50	6,009.50	36,057.00
904020302 Concrete - Footing	1,478.00	CY	Subcontractor - Concrete ND	244,081.27	261,730.74	327,163.43	393,217.72	78,643.54	471,861.27
				8.15	9.42	11.78	14.15	20.00%	16.99
USR BARR Concrete - Footing - Form, Strip and Cure	5,772.00	SF	Subcontractor - Concrete ND	47,031.85	54,381.50	67,976.87	81,701.40	16,340.28	98,041.68
				128.00	134.70	168.38	202.38	20.00%	242.85
USR BARR Concrete - Footing - Pour	1,478.00	CY	Subcontractor - Concrete ND	189,186.46	199,093.14	248,866.42	299,112.55	59,822.51	358,935.06
				106.40	111.72	139.65	167.85	20.00%	201.41
USR BARR Concrete - Footing - 5% waste	73.90	CY	Subcontractor - Concrete ND	7,862.96	8,256.11	10,320.14	12,403.77	2,480.75	14,884.52
904020303 Concrete - Elevated Deck	508.00	CY	Subcontractor - Concrete ND	118,511.11	131,486.40	164,358.00	197,541.87	39,508.37	237,050.25
				5.05	6.00	7.50	9.01	20.00%	10.81
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	9,388.00	SF	Subcontractor - Concrete ND	47,398.57	56,301.08	70,376.35	84,585.33	16,917.07	101,502.40
				134.49	142.23	177.79	213.69	20.00%	256.42
USR BARR Concrete - Elevated Deck - Pour	508.00	CY	Subcontractor - Concrete ND	68,321.08	72,254.28	90,317.85	108,553.03	21,710.61	130,263.63
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	25.40	CY	Subcontractor - Concrete ND	2,791.46	2,931.03	3,663.79	4,403.51	880.70	5,284.21
904020304 Concrete - Wall	3,576.00	CY	Subcontractor - Concrete ND	719,080.49	784,856.75	981,070.93	1,179,149.16	235,829.83	1,414,978.99
				201.09	219.48	274.35	329.74		395.69

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Wall- Build Forms	2,560.00	SF	Subcontractor - Concrete ND	1.93 4,947.20	2.44 6,245.40	3.05 7,806.75	3.67 9,382.93	20.00% 1,876.59	4.40 11,259.52
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	229.78 919.11	280.84 1,123.37	351.05 1,404.21	421.93 1,687.72	20.00% 337.54	506.32 2,025.26
USR BARR Concrete - Wall - Form, Strip and Cure	24,312.00	SF	Subcontractor - Concrete ND	9.19 223,314.10	10.78 262,010.54	13.47 327,513.18	16.19 393,638.09	20.00% 78,727.62	19.43 472,365.71
USR BARR Concrete - Wall - Pour	3,576.00	CY	Subcontractor - Concrete ND	131.50 470,249.96	138.38 494,844.81	172.97 618,556.02	207.90 743,442.48	20.00% 148,688.50	249.48 892,130.97
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	178.80	CY	Subcontractor - Concrete ND	109.90 19,650.12	115.40 20,632.63	144.24 25,790.78	173.37 30,997.94	20.00% 6,199.59	208.04 37,197.53
904020305 Steel Reinforcement	638,422.00	LB	Subcontractor - Steel Erection ND	1.07 681,651.62	1.22 777,916.45	1.52 972,395.56	1.83 1,168,722.22	233,744.44	2.20 1,402,466.67
USR BARR Steel Reinforcement Bars - Hoist	638,422.00	LB	Subcontractor - Steel Erection ND	0.26 164,529.80	0.27 173,899.20	0.34 217,374.00	0.41 261,261.82	20.00% 52,252.36	0.49 313,514.18
USR BARR Steel Reinforcement Bars - Furnish and Install	638,422.00	LB	Subcontractor - Steel Erection ND	0.81 517,121.82	0.95 604,017.24	1.18 755,021.55	1.42 907,460.41	20.00% 181,492.08	1.71 1,088,952.49
904020306 Bridge Railing	1,040.00	LF	Subcontractor - Steel Erection ND	40.00 41,600.00	41.00 42,640.00	51.25 53,300.00	61.60 64,061.27	12,812.25	73.92 76,873.52
USR BARR Bridge Railing - Furnish and Install	1,040.00	LF	Subcontractor - Steel Erection ND	40.00 41,600.00	41.00 42,640.00	51.25 53,300.00	61.60 64,061.27	20.00% 12,812.25	73.92 76,873.52
904020307 Steel Sheftpile	5,200.00	SF	Subcontractor - Pile Driving ND	24.84 129,178.24	27.12 141,027.40	33.90 176,284.24	40.75 211,876.03	42,375.21	48.89 254,251.24
				17.50	18.38	22.97	27.61	20.00%	33.13

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Furnish Material	5,200.00	SF	Subcontractor - Pile Driving ND	91,000.00	95,550.00	119,437.50	143,551.93	28,710.39	172,262.32
				212.33	263.09	328.87	395.26	20.00%	474.32
USR BARR Sheet Piling - Unload Sheeting	4.00	EA	Subcontractor - Pile Driving ND	849.30	1,052.37	1,315.46	1,581.05	316.21	1,897.26
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	4,813.90	5,633.09	7,041.36	8,463.01	1,692.60	10,155.62
				160.46	187.77	234.71	282.10	20.00%	338.52
USR BARR Sheet Piling - Drive Sheets	173.00	EA	Subcontractor - Pile Driving ND	27,760.13	32,484.15	40,605.19	48,803.38	9,760.68	58,564.05
				13.74	18.23	22.79	27.39	20.00%	32.87
USR BARR Sheet Piling - Cut Sheets	346.00	EA	Subcontractor - Pile Driving ND	4,754.91	6,307.79	7,884.73	9,476.66	1,895.33	11,371.99
				20.82	21.87	26.69	32.07		38.49
904020308 Structural Aggregate Backfill	1,369.00	ECY	Subcontractor - Excavation - Earth ND	28,500.91	29,945.77	36,533.84	43,910.02	8,782.00	52,692.02
				20.82	21.87	26.69	32.07	20.00%	38.49
USR BARR Aggregate Base - Class V - Furnish and Install	1,369.00	ECY	Subcontractor - Excavation - Earth ND	28,500.91	29,945.77	36,533.84	43,910.02	8,782.00	52,692.02
				1,218,414.83	1,279,456.95	1,560,937.48	1,876,090.76		2,251,308.91
9040204 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	1,218,414.83	1,279,456.95	1,560,937.48	1,876,090.76	375,218.15	2,251,308.91
				56.82	59.67	72.80	87.50	20.00%	105.00
USR BARR Select Granular Aggregate - Furnish and Install	5,718.00	CY	Subcontractor - Excavation - Earth ND	324,889.79	341,217.03	416,284.78	500,332.67	100,066.53	600,399.21
				78.14	82.05	100.10	120.31	20.00%	144.37
USR BARR Riprap - Furnish and Install	11,435.00	CY	Subcontractor - Excavation - Earth ND	893,525.04	938,239.92	1,144,652.71	1,375,758.09	275,151.62	1,650,909.71
				3,007,923.16	3,097,924.54	3,779,467.94	4,542,542.51		5,451,051.01
9040205 Fish Passage System	1.00	EA	Subcontractor - Excavation - Earth ND	3,007,923.16	3,097,924.54	3,779,467.94	4,542,542.51	908,508.50	5,451,051.01
				8.18	8.39	10.23	12.30	20.00%	14.76

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Fish Passage System - Furnish and Install	210,000.00	SF	Subcontractor - Excavation - Earth ND	1,717,800.00	1,761,270.00	2,148,749.40	2,582,581.90	516,516.38	3,099,098.28
				<i>400.00</i>	<i>420.00</i>	<i>512.40</i>	<i>615.85</i>	<i>20.00%</i>	<i>739.02</i>
USR BARR Hydraulic Gates - Steel - Furnish	300.00	SF	Subcontractor - Excavation - Earth ND	120,000.00	126,000.00	153,720.00	184,756.07	36,951.21	221,707.28
				<i>44,809.58</i>	<i>50,913.93</i>	<i>62,114.99</i>	<i>74,656.01</i>	<i>20.00%</i>	<i>89,587.21</i>
USR BARR Hydraulic Gates - Steel - Install	2.00	EA	Subcontractor - Excavation - Earth ND	89,619.16	101,827.86	124,229.99	149,312.02	29,862.40	179,174.42
				<i>100,000.00</i>	<i>100,000.00</i>	<i>122,000.00</i>	<i>146,631.80</i>	<i>20.00%</i>	<i>175,958.16</i>
USR BARR Hydraulic Gate Hoist - Furnish and Install	2.00	EA	Subcontractor - Excavation - Earth ND	200,000.00	200,000.00	244,000.00	293,263.60	58,652.72	351,916.32
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Excavation - Earth ND	315,504.00	329,701.68	402,236.05	483,447.51	96,689.50	580,137.01
USR BARR Wall Extension	1.00	LS	Subcontractor - Excavation - Earth ND	565,000.00	579,125.00	706,532.50	849,181.41	169,836.28	1,019,017.69
				<i>2,632,000.00</i>	<i>2,701,987.50</i>	<i>3,296,424.75</i>	<i>3,961,972.91</i>		<i>4,754,367.49</i>
9040206 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	2,632,000.00	2,701,987.50	3,296,424.75	3,961,972.91	792,394.58	4,754,367.49
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	134,000.00	137,350.00	167,567.00	201,398.78	40,279.76	241,678.53
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	51,250.00	62,525.00	75,148.80	15,029.76	90,178.56
				<i>900.00</i>	<i>922.50</i>	<i>1,125.45</i>	<i>1,352.68</i>	<i>20.00%</i>	<i>1,623.21</i>
USR BARR Ice Control Measure - Furnish and Install	2,000.00	LF	Subcontractor - Excavation - Earth ND	1,800,000.00	1,845,000.00	2,250,900.00	2,705,356.71	541,071.34	3,246,428.05

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				900.00	922.50	1,125.45	1,352.68	20.00%	1,623.21
USR BARR Debris Control Measure - Furnish and Install	200.00	LF	Subcontractor - Excavation - Earth ND	180,000.00	184,500.00	225,090.00	270,535.67	54,107.13	324,642.81
USR BARR Debris Picking Measures	1.00	LS	Subcontractor - Excavation - Earth ND	167,500.00	175,875.00	214,567.50	257,888.68	51,577.74	309,466.41
				40.00	41.00	50.02	60.12	20.00%	72.14
USR BARR Equipment Storage Shed	5,000.00	SF	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	60,119.04	360,714.23
905 Hydraulic Structure - East Weir (at connecting channel)	1.00	EA	Prime - Management (Excavation - Earth) ND	140,577.82	148,629.18	182,765.30	219,665.61	43,933.12	263,598.73
				3.88	4.06	4.95	5.95		7.14
90501 Earthwork - Structural	3,000.00	BCY	Subcontractor - Excavation - Earth ND	11,641.47	12,167.55	14,844.41	17,841.50	3,568.30	21,409.80
				0.71	0.72	0.88	1.06	20.00%	1.27
USR BARR Earthwork - Structural Excavation	3,000.00	BCY	Subcontractor - Excavation - Earth ND	2,130.01	2,170.02	2,647.43	3,181.94	636.39	3,818.33
				1.29	1.36	1.65	1.99	20.00%	2.38
USR BARR Earthwork - Structural Haul	3,000.00	BCY	Subcontractor - Excavation - Earth ND	3,857.98	4,065.15	4,959.49	5,960.81	1,192.16	7,152.97
				1.88	1.98	2.41	2.90	20.00%	3.48
USR BARR Earthwork - Structural Levee Embankment	3,000.00	BCY	Subcontractor - Excavation - Earth ND	5,653.48	5,932.38	7,237.50	8,698.75	1,739.75	10,438.50
				28.95	31.95	39.94	48.00		57.60
90502 Steel Sheetpile	1,500.00	SF	Subcontractor - Pile Driving ND	43,427.17	47,923.44	59,904.29	71,998.97	14,399.79	86,398.76
				17.50	18.38	22.97	27.61	20.00%	33.13
USR BARR Sheet Piling - Furnish	1,500.00	SF	Subcontractor - Pile Driving ND	26,250.00	27,562.50	34,453.13	41,409.21	8,281.84	49,691.05
				212.33	263.09	328.87	395.26	20.00%	474.32
USR BARR Sheet Piling - Unload Sheeting	9.00	EA	Subcontractor - Pile Driving ND	1,910.93	2,367.83	2,959.79	3,557.37	711.47	4,268.84

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Set up Rig	4.00	EA	Subcontractor - Pile Driving ND	2,406.95 9,627.79	2,816.54 11,266.18	3,520.68 14,082.72	4,231.51 16,926.03	20.00% 3,385.21	5,077.81 20,311.23
USR BARR Sheet Piling - Drive Sheets	30.00	EA	Subcontractor - Pile Driving ND	160.46 4,813.90	187.77 5,633.09	234.71 7,041.36	282.10 8,463.01	20.00% 1,692.60	338.52 10,155.62
USR BARR Sheet Piling - Cut Sheets	60.00	EA	Subcontractor - Pile Driving ND	13.74 824.55	18.23 1,093.84	22.79 1,367.29	27.39 1,643.35	20.00% 328.67	32.87 1,972.02
90503 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	35,509.19 35,509.19	37,288.19 37,288.19	45,491.59 45,491.59	54,676.34 54,676.34	10,935.27	65,611.61 65,611.61
USR BARR Select Granular Aggregate - Furnish and Install	167.00	CY	Subcontractor - Excavation - Earth ND	56.82 9,488.74	59.67 9,965.59	72.80 12,158.02	87.50 14,612.72	20.00% 2,922.54	105.00 17,535.27
USR BARR Riprap - Furnish and Install	333.00	CY	Subcontractor - Excavation - Earth ND	78.14 26,020.45	82.05 27,322.60	100.10 33,333.57	120.31 40,063.62	20.00% 8,012.72	144.37 48,076.34
90504 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	50,000.00 50,000.00	51,250.00 51,250.00	62,525.00 62,525.00	75,148.80 75,148.80	15,029.76	90,178.56 90,178.56
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	51,250.00	62,525.00	75,148.80	15,029.76	90,178.56
906 Hydraulic Structure - Inlet Weir to Diversion	1.00	EA	Subcontractor - Excavation - Earth ND	6,164,681.98 6,164,681.98	6,587,285.73 6,587,285.73	8,142,164.83 8,142,164.83	9,786,067.91 9,786,067.91	1,957,213.58	11,743,281.49 11,743,281.49
90601 Hydraulic Structure - Inlet Weir to Diversion - Site work	1.00	LS	Subcontractor - Excavation - Earth ND	1,277,234.40	1,328,960.50	1,621,331.81	1,948,678.71	389,735.74	2,338,414.45
9060101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	67,000.00 67,000.00	67,000.00 67,000.00	81,740.00 81,740.00	98,243.31 98,243.31	19,648.66	117,891.97 117,891.97

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	67,000.00	81,740.00	98,243.31	19,648.66	117,891.97
9060102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	39,500.94	42,459.98	51,801.17	62,259.83	12,451.97	74,711.80
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	1,500.00	LF	Subcontractor - Excavation - Earth ND	3,798.94	4,566.68	5,571.35	6,696.21	1,339.24	8,035.45
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	5,000.00	SY	Subcontractor - Excavation - Earth ND	31,549.60	33,801.17	41,237.43	49,563.27	9,912.65	59,475.92
USR BARR Temporary Sedimentation Basins	1,400.00	BCY	Subcontractor - Excavation - Earth ND	4,152.40	4,092.12	4,992.39	6,000.35	1,200.07	7,200.42
9060103 Clearing and Grubbing	1.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28	1,152.69	1,406.28	1,690.21	338.04	2,028.25
USR BARR Clearing and Grubbing	1.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28	1,152.69	1,406.28	1,690.21	338.04	2,028.25
9060104 Strip and Stockpile Topsoil	14,626.00	BCY	Subcontractor - Excavation - Earth ND	19,300.58	19,791.97	24,146.20	29,021.32	5,804.26	34,825.58
USR BARR Topsoil - Channel - Strip	14,626.00	BCY	Subcontractor - Excavation - Earth ND	10,699.33	10,946.50	13,354.73	16,051.05	3,210.21	19,261.26
USR BARR Topsoil - Channel - Stockpile	14,626.00	BCY	Subcontractor - Excavation - Earth ND	8,601.25	8,845.46	10,791.47	12,970.26	2,594.05	15,564.32

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9060108 Embankment - Temporary Levee	2,000.00	BCY	Subcontractor - Excavation - Earth ND	<i>9.46</i> 18,910.26	<i>9.88</i> 19,769.10	<i>12.06</i> 24,118.30	<i>14.49</i> 28,987.79	5,797.56	<i>17.39</i> 34,785.35
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Excavate	2,000.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 1,905.64	<i>0.98</i> 1,955.85	<i>1.19</i> 2,386.14	<i>1.43</i> 2,867.90	<i>20.00%</i> 573.58	<i>1.72</i> 3,441.48
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Spoil	2,000.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 1,300.52	<i>0.67</i> 1,334.42	<i>0.81</i> 1,628.00	<i>0.98</i> 1,956.69	<i>20.00%</i> 391.34	<i>1.17</i> 2,348.03
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.38</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	2,000.00	BCY	Subcontractor - Excavation - Earth ND	<i>7.85</i> 15,704.11	<i>8.24</i> 16,478.82	<i>10.05</i> 20,104.17	<i>12.08</i> 24,163.20	<i>20.00%</i> 4,832.64	<i>14.50</i> 28,995.84
9060109 Excavation and Embankment - Channel Realignment	1.00	BCY	Subcontractor - Excavation - Earth ND	<i>418,056.98</i> 418,056.98	<i>435,728.33</i> 435,728.33	<i>531,588.56</i> 531,588.56	<i>638,916.29</i> 638,916.29	127,783.26	<i>766,699.55</i> 766,699.55
902010901 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	30,317.00	BCY	Subcontractor - Excavation - Earth ND	<i>5.96</i> 180,706.00	<i>6.22</i> 188,677.21	<i>7.59</i> 230,186.20	<i>9.13</i> 276,660.79	55,332.16	<i>10.95</i> 331,992.95
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	30,317.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 28,886.67	<i>0.98</i> 29,647.80	<i>1.19</i> 36,170.32	<i>1.43</i> 43,473.11	<i>20.00%</i> 8,694.62	<i>1.72</i> 52,167.73
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	30,317.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 19,713.86	<i>0.67</i> 20,227.85	<i>0.81</i> 24,677.98	<i>0.98</i> 29,660.46	<i>20.00%</i> 5,932.09	<i>1.17</i> 35,592.55

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	14,175.00	BCY	Subcontractor - Excavation - Earth ND	0.38 5,357.62	0.41 5,800.96	0.50 7,077.18	0.60 8,506.06	20.00% 1,701.21	0.72 10,207.27
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	16,142.00	BCY	Subcontractor - Excavation - Earth ND	7.85 126,747.84	8.24 133,000.59	10.05 162,260.73	12.08 195,021.17	20.00% 39,004.23	14.50 234,025.40
902010902 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	14,551.00	BCY	Subcontractor - Excavation - Earth ND	2.30 33,447.63	2.38 34,636.51	2.90 42,256.55	3.49 50,788.14	10,157.63	4.19 60,945.77
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	14,551.00	BCY	Subcontractor - Excavation - Earth ND	1.27 18,486.00	1.30 18,973.08	1.59 23,147.16	1.91 27,820.57	20.00% 5,564.11	2.29 33,384.68
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	14,551.00	BCY	Subcontractor - Excavation - Earth ND	0.65 9,461.90	0.67 9,708.59	0.81 11,844.48	0.98 14,235.89	20.00% 2,847.18	1.17 17,083.06
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	14,551.00	BCY	Subcontractor - Excavation - Earth ND	0.38 5,499.74	0.41 5,954.84	0.50 7,264.90	0.60 8,731.69	20.00% 1,746.34	0.72 10,478.02
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
902010903 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	51,548.00	BCY	Subcontractor - Excavation - Earth ND	2.97 152,863.62	3.08 158,953.76	3.76 193,923.59	4.52 233,076.76	46,615.35	5.43 279,692.11

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	51,548.00	BCY	Subcontractor - Excavation - Earth ND	49,129.86	50,018.69	61,022.80	73,343.30	14,668.66	88,011.96
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	51,548.00	BCY	Subcontractor - Excavation - Earth ND	50,731.04	53,446.20	65,204.37	78,369.13	15,673.83	94,042.95
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	51,548.00	BCY	Subcontractor - Excavation - Earth ND	33,519.48	34,393.42	41,959.97	50,431.68	10,086.34	60,518.02
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	51,548.00	BCY	Subcontractor - Excavation - Earth ND	19,483.23	21,095.46	25,736.46	30,932.65	6,186.53	37,119.18
902010904 Excavation and Embankment - Channel - Type 4 Brenna	8,087.00	BCY	Subcontractor - Excavation - Earth ND	30,568.79	31,729.31	38,709.76	46,525.26	9,305.05	55,830.31
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Excavate	8,087.00	BCY	Subcontractor - Excavation - Earth ND	12,337.47	12,558.16	15,320.96	18,414.26	3,682.85	22,097.12
				1.23	1.29	1.58	1.90	20.00%	2.28
USR BARR Earthwork - Type 4 Brenna - Haul	8,087.00	BCY	Subcontractor - Excavation - Earth ND	9,916.10	10,465.89	12,768.38	15,346.32	3,069.26	18,415.58
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 4 Brenna - Spoil	8,087.00	BCY	Subcontractor - Excavation - Earth ND	5,258.63	5,395.74	6,582.80	7,911.87	1,582.37	9,494.24
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	8,087.00	BCY	Subcontractor - Excavation - Earth ND	3,056.59	3,309.52	4,037.61	4,852.80	970.56	5,823.36
				0.23	0.25	0.30	0.36		0.43

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
902010905 Excavation and Embankment - Channel	88,361.00	BCY	Subcontractor - Excavation - Earth ND	20,470.94	21,731.54	26,512.47	31,865.34	6,373.07	38,238.41
USR BARR Earthwork - Haul from No-Spoil Areas	88,361.00	BCY	Subcontractor - Excavation - Earth ND	20,470.94	21,731.54	26,512.47	31,865.34	6,373.07	38,238.41
				0.23	0.25	0.30	0.36	20.00%	0.43
9060110 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	96,787.34	102,610.44	125,184.74	150,459.54	30,091.91	180,551.44
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	30.00	DAY	Subcontractor - Excavation - Earth ND	27,287.34	31,404.19	38,313.11	46,048.53	9,209.71	55,258.24
				909.58	1,046.81	1,277.10	1,534.95	20.00%	1,841.94
USR BARR Temporary Storm Sewer Pipe	100.00	LF	Subcontractor - Excavation - Earth ND	2,500.00	2,531.25	3,088.13	3,711.62	742.32	4,453.94
				25.00	25.31	30.88	37.12	20.00%	44.54
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
9060111 Electrical Utilities	5,000.00	LF	Subcontractor - Excavation - Earth ND	120,000.00	126,000.00	153,720.00	184,756.07	36,951.21	221,707.28
USR BARR Electrical Utilities	5,000.00	LF	Subcontractor - Excavation - Earth ND	120,000.00	126,000.00	153,720.00	184,756.07	36,951.21	221,707.28
				24.00	25.20	30.74	36.95	20.00%	44.34
9060113 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	300,000.00	307,500.00	375,150.00	450,892.79	90,178.56	541,071.34
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	100,000.00	102,500.00	125,050.00	150,297.60	30,059.52	180,357.11
				100,000.00	102,500.00	125,050.00	150,297.60	20.00%	180,357.11

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	20.00% 60,119.04	360,714.23
9060114 Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	15,000.00	15,000.00	18,300.00	21,994.77	4,398.95	26,393.72
USR BARR Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	15,000.00	15,000.00	18,300.00	21,994.77	20.00% 4,398.95	26,393.72
9060115 Topsoil Placement	14,626.00	BCY	Subcontractor - Excavation - Earth ND	16,505.39	17,018.92	20,763.09	24,955.15	4,991.03	29,946.18
USR BARR Topsoil - Placement from Stockpile	14,626.00	BCY	Subcontractor - Excavation - Earth ND	16,505.39	17,018.92	20,763.09	24,955.15	20.00% 4,991.03	29,946.18
9060116 Site Restoration	10.00	ACR	Subcontractor - Excavation - Earth ND	26,221.84	27,509.81	33,561.97	40,338.13	8,067.63	48,405.75
USR BARR Seeding	10.00	ACR	Subcontractor - Excavation - Earth ND	12,721.84	13,934.81	17,000.47	20,432.86	20.00% 4,086.57	24,519.43
USR BARR Straw Mulch and Disk Anchoring	10.00	ACR	Subcontractor - Excavation - Earth ND	4,000.00	4,050.00	4,941.00	5,938.59	20.00% 1,187.72	7,126.31
USR BARR Vegetation Establishment and Maintenance	10.00	ACR	Subcontractor - Excavation - Earth ND	9,500.00	9,525.00	11,620.50	13,966.68	20.00% 2,793.34	16,760.01
9060117 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	15,784.59	16,920.41	20,642.90	24,810.70	4,962.14	29,772.84
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	600.00	LF	Subcontractor - Excavation - Earth ND	16.70 10,018.21	18.17 10,901.91	22.17 13,300.33	26.64 15,985.67	20.00% 3,197.13	31.97 19,182.80
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	2.00	EA	Subcontractor - Excavation - Earth ND	883.19 1,766.38	946.75 1,893.50	1,155.03 2,310.07	1,388.23 2,776.47	20.00% 555.29	1,665.88 3,331.76
9060118 Snow Removal	320.00	HR	Subcontractor - Excavation - Earth ND	102.39 32,763.50	111.70 35,744.84	136.28 43,608.71	163.79 52,413.31	10,482.66	196.55 62,895.97
USR BARR Snow Removal	320.00	HR	Subcontractor - Excavation - Earth ND	102.39 32,763.50	111.70 35,744.84	136.28 43,608.71	163.79 52,413.31	20.00% 10,482.66	196.55 62,895.97
9060119 Earthwork - Structural	5,000.00	BCY	Subcontractor - Excavation - Earth ND	3.88 19,402.44	4.06 20,279.26	4.95 24,740.69	5.95 29,735.84	5,947.17	7.14 35,683.00
USR BARR Earthwork - Structural Excavation	5,000.00	BCY	Subcontractor - Excavation - Earth ND	0.71 3,550.02	0.72 3,616.70	0.88 4,412.38	1.06 5,303.24	20.00% 1,060.65	1.27 6,363.89
USR BARR Earthwork - Structural Haul	5,000.00	BCY	Subcontractor - Excavation - Earth ND	1.29 6,429.96	1.36 6,775.26	1.65 8,265.81	1.99 9,934.68	20.00% 1,986.94	2.38 11,921.62
USR BARR Earthwork - Structural Embankment	5,000.00	BCY	Subcontractor - Excavation - Earth ND	1.88 9,422.46	1.98 9,887.29	2.41 12,062.50	2.90 14,497.92	20.00% 2,899.58	3.48 17,397.50
				2,550.30	2,651.90	3,235.32	3,888.53		4,666.24

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9060120 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	2,550.30	2,651.90	3,235.32	3,888.53	777.71	4,666.24
				0.00	0.00	0.00	0.00		0.00
901081301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
901081302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	1.27 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				0.38	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
901081303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	860.00	BCY	Subcontractor - Excavation - Earth ND	2,550.30	2,651.90	3,235.32	3,888.53	777.71	4,666.24
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	860.00	BCY	Subcontractor - Excavation - Earth ND	819.66	834.49	1,018.07	1,223.62	244.72	1,468.35
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	860.00	BCY	Subcontractor - Excavation - Earth ND	846.37	891.67	1,087.84	1,307.47	261.49	1,568.96
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	860.00	BCY	Subcontractor - Excavation - Earth ND	559.22	573.80	700.04	841.38	168.28	1,009.65
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	860.00	BCY	Subcontractor - Excavation - Earth ND	325.05	351.95	429.37	516.06	103.21	619.28
901081304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9060121 Lower Bank Protection	860.00	CY	Subcontractor - Excavation - Earth ND	79.53 68,399.96	83.51 71,822.86	101.89 87,623.89	122.46 105,315.16	21,063.03	146.95 126,378.19
USR BARR Lower Bank Protection Riprap - Furnish and Install	860.00	CY	Subcontractor - Excavation - Earth ND	78.14 67,199.96	82.05 70,562.86	100.10 86,086.69	120.31 103,467.60	20.00% 20,693.52	144.37 124,161.11
USR BARR Lower Bank Protection Geotextile - Furnish and Install	300.00	SY	Subcontractor - Excavation - Earth ND	4.00 1,200.00	4.20 1,260.00	5.12 1,537.20	6.16 1,847.56	20.00% 369.51	7.39 2,217.07
9060122 Low Flow Channel Riprap Protection	1.00	CY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00
USR BARR Grade Control Riprap - Furnish and Install	0.00	CY	Subcontractor - Excavation - Earth ND	78.14 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Grade Control Geotextile - Furnish and Install	0.00	SY	Subcontractor - Excavation - Earth ND	4.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
90602 Hydraulic Structure - Inlet Weir Structure	1.00	EA	Subcontractor - Excavation - Earth ND	4,887,447.58 4,887,447.58	5,258,325.22 5,258,325.22	6,520,833.02 6,520,833.02	7,837,389.21 7,837,389.21	1,567,477.84	9,404,867.05 9,404,867.05
9060201 Concrete Rollway Structure	1.00	EA	Subcontractor - Excavation - Earth ND	1,141,367.14 1,141,367.14	1,244,602.16 1,244,602.16	1,555,424.59 1,555,424.59	1,869,464.81 1,869,464.81	373,892.96	2,243,357.77 2,243,357.77
906020101 HP 14X73 Piling	9,234.00	LF	Subcontractor - Pile Driving ND	38.46 355,157.45	41.41 382,386.51	51.76 477,983.13	62.21 574,487.93	114,897.59	74.66 689,385.51

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR HP 14X73 Piling - Furnish Material	9,234.00	LF	Subcontractor - Pile Driving ND	29.93 276,373.62	31.43 290,192.30	39.28 362,740.38	47.21 435,977.66	20.00% 87,195.53	56.66 523,173.19
USR BARR HP 14X73 Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95 2,406.95	2,816.54 2,816.54	3,520.68 3,520.68	4,231.51 4,231.51	20.00% 846.30	5,077.81 5,077.81
USR BARR HP 14X73 Piling - Unload Piles	16.00	EA	Subcontractor - Pile Driving ND	499.37 7,989.94	584.57 9,353.12	730.71 11,691.40	878.24 14,051.90	20.00% 2,810.38	1,053.89 16,862.28
USR BARR HP 14X73 Piling - Weld Splices	0.00	EA	Subcontractor - Pile Driving ND	63.59 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR HP 14X73 Piling - Drive Piling	9,234.00	LF	Subcontractor - Pile Driving ND	7.41 68,386.94	8.67 80,024.54	10.83 100,030.67	13.02 120,226.87	20.00% 24,045.37	15.62 144,272.24
USR BARR HP 14X73 Piling - Cut Offs	0.00	EA	Subcontractor - Pile Driving ND	18.32 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR HP 14X73 Piling - Pile Test, 52 ft	0.00	EA	Subcontractor - Pile Driving ND	5,000.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
906020102 Concrete - Footing	990.00	CY	Subcontractor - Concrete ND	143.44 142,002.68	151.99 150,466.67	189.98 188,083.34	228.34 226,057.36	45,211.47	274.01 271,268.83
USR BARR Concrete - Footing - Form, Strip and Cure	1,229.00	SF	Subcontractor - Concrete ND	8.15 10,014.23	9.42 11,579.15	11.78 14,473.94	14.15 17,396.23	20.00% 3,479.25	16.99 20,875.47
USR BARR Concrete - Footing - Pour	990.00	CY	Subcontractor - Concrete ND	128.00 126,721.65	134.70 133,357.38	168.38 166,696.72	202.38 200,352.79	20.00% 40,070.56	242.85 240,423.35
USR BARR Concrete - 5% Waste	49.50	CY	Subcontractor - Concrete ND	106.40 5,266.80	111.72 5,530.14	139.65 6,912.68	167.85 8,308.34	20.00% 1,661.67	201.41 9,970.01
906020103 Concrete - Wall	1,691.00	CY	Subcontractor - Concrete ND	190.31 321,819.10	206.97 349,983.75	258.71 437,479.68	310.94 525,806.83	105,161.37	373.13 630,968.20
				1.93	2.44	3.05	3.67	20.00%	4.40

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Wall- Build Forms	2,500.00	SF	Subcontractor - Concrete ND	4,831.25	6,099.02	7,623.78	9,163.02	1,832.60	10,995.62
				229.78	280.84	351.05	421.93	20.00%	506.32
USR BARR Concrete - Wall - Assemble and Modify Forms	2.00	EA	Subcontractor - Concrete ND	459.55	561.68	702.10	843.86	168.77	1,012.63
				9.19	10.78	13.47	16.19	20.00%	19.43
USR BARR Concrete - Wall - Form, Strip and Cure	9,234.00	SF	Subcontractor - Concrete ND	84,817.47	99,514.86	124,393.58	149,508.64	29,901.73	179,410.37
				131.50	138.38	172.97	207.90	20.00%	249.48
USR BARR Concrete - Wall - Pour	1,691.00	CY	Subcontractor - Concrete ND	222,369.32	233,999.60	292,499.50	351,555.15	70,311.03	421,866.18
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	85.00	CY	Subcontractor - Concrete ND	9,341.50	9,808.58	12,260.72	14,736.16	2,947.23	17,683.39
				0.00	0.00	0.00	0.00		0.00
906020104 Concrete - Elevated Deck	1.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				5.05	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				134.49	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Elevated Deck - Pour	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				109.90	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.07	1.22	1.52	1.83		2.20
906020105 Steel Reinforcement Bars	235,463.00	LB	Subcontractor - Steel Erection ND	251,406.96	286,911.39	358,639.23	431,048.49	86,209.70	517,258.19
				0.81	0.95	1.18	1.42	20.00%	1.71
USR BARR Steel Reinforcement Bars - Furnish and Install	235,463.00	LB	Subcontractor - Steel Erection ND	190,725.03	222,773.83	278,467.28	334,689.83	66,937.97	401,627.79
				0.26	0.27	0.34	0.41	20.00%	0.49

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Steel Reinforcement Bars - Hoist	235,463.00	LB	Subcontractor - Steel Erection ND	60,681.93	64,137.56	80,171.95	96,358.66	19,271.73	115,630.40
906020106 Bridge Railing	900.00	LF	Subcontractor - Steel Erection ND	<i>40.00</i> 36,000.00	<i>41.00</i> 36,900.00	<i>51.25</i> 46,125.00	<i>61.60</i> 55,437.64	11,087.53	<i>73.92</i> 66,525.17
USR BARR Bridge Railing - Furnish and Install	900.00	LF	Subcontractor - Steel Erection ND	36,000.00	36,900.00	46,125.00	55,437.64	11,087.53	66,525.17
906020107 Steel Sheetpile	900.00	SF	Subcontractor - Pile Driving ND	<i>27.30</i> 24,571.56	<i>30.02</i> 27,016.76	<i>37.52</i> 33,770.94	<i>45.10</i> 40,589.30	8,117.86	<i>54.12</i> 48,707.16
USR BARR Sheet Piling - Furnish	900.00	SF	Subcontractor - Pile Driving ND	15,750.00	16,537.50	20,671.88	24,845.53	4,969.11	29,814.63
USR BARR Sheet Piling - Unload Sheeting	1.00	EA	Subcontractor - Pile Driving ND	<i>17.50</i> 212.33	<i>18.38</i> 263.09	<i>22.97</i> 328.87	<i>27.61</i> 395.26	<i>20.00%</i> 79.05	<i>33.13</i> 474.32
USR BARR Sheet Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	<i>212.33</i> 2,406.95	<i>263.09</i> 2,816.54	<i>328.87</i> 3,520.68	<i>395.26</i> 4,231.51	<i>20.00%</i> 846.30	<i>474.32</i> 5,077.81
USR BARR Sheet Piling - Drive Sheets	33.00	EA	Subcontractor - Pile Driving ND	<i>160.46</i> 5,295.29	<i>187.77</i> 6,196.40	<i>234.71</i> 7,745.50	<i>282.10</i> 9,309.31	<i>20.00%</i> 1,861.86	<i>338.52</i> 11,171.18
USR BARR Sheet Piling - Cut Sheets	66.00	EA	Subcontractor - Pile Driving ND	<i>13.74</i> 907.01	<i>18.23</i> 1,203.22	<i>22.79</i> 1,504.02	<i>27.39</i> 1,807.69	<i>20.00%</i> 361.54	<i>32.87</i> 2,169.22
906020108 Structural Aggregate Backfill	500.00	ECY	Subcontractor - Excavation - Earth ND	<i>20.82</i> 10,409.39	<i>21.87</i> 10,937.10	<i>26.69</i> 13,343.26	<i>32.07</i> 16,037.26	3,207.45	<i>38.49</i> 19,244.71
USR BARR Aggregate Base - Class V - Furnish and Install	500.00	ECY	Subcontractor - Excavation - Earth ND	10,409.39	10,937.10	13,343.26	16,037.26	3,207.45	19,244.71
9060202 Walls	1.00	EA	Subcontractor - Excavation - Earth ND	<i>2,076,921.79</i> 2,076,921.79	<i>2,295,438.74</i> 2,295,438.74	<i>2,869,101.56</i> 2,869,101.56	<i>3,448,373.16</i> 3,448,373.16	689,674.63	<i>4,138,047.80</i> 4,138,047.80

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
906020201 HP 14X73 Piling	12,100.00	LF	Subcontractor - Pile Driving ND	465,658.00	501,384.44	626,730.55	753,267.45	150,653.49	903,920.94
				38.48	41.44	51.80	62.25		74.70
USR BARR HP 14X73 Piling - Furnish Material	12,100.00	LF	Subcontractor - Pile Driving ND	362,153.00	380,260.65	475,325.81	571,294.09	114,258.82	685,552.91
				29.93	31.43	39.28	47.21	20.00%	56.66
USR BARR HP 14X73 Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	846.30	5,077.81
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
USR BARR HP 14X73 Piling - Unload Piles	23.00	EA	Subcontractor - Pile Driving ND	11,485.53	13,445.11	16,806.39	20,199.60	4,039.92	24,239.52
				499.37	584.57	730.71	878.24	20.00%	1,053.89
USR BARR HP 14X73 Piling - Weld Splices	0.00	EA	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				56.59	0.00	0.00	0.00	0.00%	0.00
USR BARR HP 14X73 Piling - Drive Piling	12,100.00	LF	Subcontractor - Pile Driving ND	89,612.52	104,862.13	131,077.67	157,542.25	31,508.45	189,050.70
				7.41	8.67	10.83	13.02	20.00%	15.62
USR BARR HP 14X73 Piling - Cut Offs	0.00	EA	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				18.32	0.00	0.00	0.00	0.00%	0.00
USR HP 14X73 Piling - Pile Test, 52 ft	0.00	EA	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				5,000.00	0.00	0.00	0.00	0.00%	0.00
906020202 Concrete - Footing	990.00	CY	Subcontractor - Concrete ND	142,002.68	150,466.67	188,083.34	226,057.36	45,211.47	271,268.83
				143.44	151.99	189.98	228.34		274.01
USR BARR Concrete - Footing - Form, Strip and Cure	1,229.00	SF	Subcontractor - Concrete ND	10,014.23	11,579.15	14,473.94	17,396.23	3,479.25	20,875.47
				8.15	9.42	11.78	14.15	20.00%	16.99
USR BARR Concrete - Footing - Pour	990.00	CY	Subcontractor - Concrete ND	126,721.65	133,357.38	166,696.72	200,352.79	40,070.56	240,423.35
				128.00	134.70	168.38	202.38	20.00%	242.85
USR BARR Concrete - Footing - 5% waste	49.50	CY	Subcontractor - Concrete ND	5,266.80	5,530.14	6,912.68	8,308.34	1,661.67	9,970.01
				106.40	111.72	139.65	167.85	20.00%	201.41
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
906020203 Concrete - Elevated Deck	1.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Elevated Deck - Pour	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00%	0.00
906020204 Concrete - Wall	3,000.00	CY	Subcontractor - Concrete ND	876,007.59	978,520.15	1,223,150.19	1,470,104.21	294,020.84	1,764,125.05
USR BARR Concrete - Wall- Build Forms	2,500.00	SF	Subcontractor - Concrete ND	4,831.25	6,099.02	7,623.78	9,163.02	1,832.60	10,995.62
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	919.11	1,123.37	1,404.21	1,687.72	337.54	2,025.26
USR BARR Concrete - Wall - Form, Strip and Cure	50,000.00	SF	Subcontractor - Concrete ND	459,267.22	538,850.25	673,562.81	809,555.14	161,911.03	971,466.17
USR BARR Concrete - Wall - Pour	3,000.00	CY	Subcontractor - Concrete ND	394,505.00	415,138.27	518,922.83	623,693.35	124,738.67	748,432.02
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	150.00	CY	Subcontractor - Concrete ND	16,485.00	17,309.25	21,636.56	26,004.98	5,201.00	31,205.98
906020205 Steel Reinforcement	354,000.00	LB	Subcontractor - Steel Erection ND	377,970.49	431,348.58	539,185.72	648,047.32	129,609.46	777,656.79
				0.26	0.27	0.34	0.41	20.00%	0.49

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Steel Reinforcement Bars - Hoist	354,000.00	LB	Subcontractor - Steel Erection ND	91,230.49	96,425.75	120,532.18	144,867.63	28,973.53	173,841.16
				<i>0.81</i>	<i>0.95</i>	<i>1.18</i>	<i>1.42</i>	<i>20.00%</i>	<i>1.71</i>
USR BARR Steel Reinforcement Bars - Furnish and Install	354,000.00	LB	Subcontractor - Steel Erection ND	286,740.00	334,922.83	418,653.54	503,179.69	100,635.94	603,815.63
906020206 Bridge Railing	700.00	LF	Subcontractor - Steel Erection ND	28,000.00	28,700.00	35,875.00	43,118.16	8,623.63	51,741.80
				<i>40.00</i>	<i>41.00</i>	<i>51.25</i>	<i>61.60</i>	<i>20.00%</i>	<i>73.92</i>
USR BARR Bridge Railing - Furnish and Install	700.00	LF	Subcontractor - Steel Erection ND	28,000.00	28,700.00	35,875.00	43,118.16	8,623.63	51,741.80
				<i>40.00</i>	<i>41.00</i>	<i>51.25</i>	<i>61.60</i>	<i>20.00%</i>	<i>73.92</i>
906020207 Steel Sheetpile	7,000.00	SF	Subcontractor - Pile Driving ND	181,037.40	198,456.64	248,070.81	298,156.30	59,631.26	357,787.56
				<i>25.86</i>	<i>28.35</i>	<i>35.44</i>	<i>42.59</i>	<i>20.00%</i>	<i>51.11</i>
USR BARR Sheet Piling - Furnish Material	7,000.00	SF	Subcontractor - Pile Driving ND	122,500.00	128,625.00	160,781.25	193,242.98	38,648.60	231,891.58
				<i>17.50</i>	<i>18.38</i>	<i>22.97</i>	<i>27.61</i>	<i>20.00%</i>	<i>33.13</i>
USR BARR Sheet Piling - Unload Sheeting	5.00	EA	Subcontractor - Pile Driving ND	1,061.63	1,315.46	1,644.33	1,976.32	395.26	2,371.58
				<i>212.33</i>	<i>263.09</i>	<i>328.87</i>	<i>395.26</i>	<i>20.00%</i>	<i>474.32</i>
USR BARR Sheet Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	846.30	5,077.81
				<i>2,406.95</i>	<i>2,816.54</i>	<i>3,520.68</i>	<i>4,231.51</i>	<i>20.00%</i>	<i>5,077.81</i>
USR BARR Sheet Piling - Drive Sheets	293.00	EA	Subcontractor - Pile Driving ND	47,015.71	55,016.51	68,770.64	82,655.43	16,531.09	99,186.52
				<i>160.46</i>	<i>187.77</i>	<i>234.71</i>	<i>282.10</i>	<i>20.00%</i>	<i>338.52</i>
USR BARR Sheet Piling - Cut Sheets	586.00	EA	Subcontractor - Pile Driving ND	8,053.11	10,683.13	13,353.91	16,050.06	3,210.01	19,260.08
				<i>13.74</i>	<i>18.23</i>	<i>22.79</i>	<i>27.39</i>	<i>20.00%</i>	<i>32.87</i>
906020208 Structural Aggregate Backfill	300.00	ECY	Subcontractor - Excavation - Earth ND	6,245.63	6,562.26	8,005.95	9,622.36	1,924.47	11,546.83
				<i>20.82</i>	<i>21.87</i>	<i>26.69</i>	<i>32.07</i>	<i>20.00%</i>	<i>38.49</i>
USR BARR Aggregate Base - Class V - Furnish and Install	300.00	ECY	Subcontractor - Excavation - Earth ND	6,245.63	6,562.26	8,005.95	9,622.36	1,924.47	11,546.83
				<i>20.82</i>	<i>21.87</i>	<i>26.69</i>	<i>32.07</i>	<i>20.00%</i>	<i>38.49</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9060203 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	<i>127,858.65</i> 127,858.65	<i>134,264.32</i> 134,264.32	<i>163,802.47</i> 163,802.47	<i>196,874.19</i> 196,874.19	39,374.84	<i>236,249.03</i> 236,249.03
USR BARR Select Granular Aggregate - Furnish and Install	600.00	CY	Subcontractor - Excavation - Earth ND	<i>56.82</i> 34,091.27	<i>59.67</i> 35,804.52	<i>72.80</i> 43,681.51	<i>87.50</i> 52,500.81	<i>20.00%</i> 10,500.16	<i>105.00</i> 63,000.97
USR BARR Riprap - Furnish and Install	1,200.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 93,767.39	<i>82.05</i> 98,459.81	<i>100.10</i> 120,120.97	<i>120.31</i> 144,373.39	<i>20.00%</i> 28,874.68	<i>144.37</i> 173,248.07
9060204 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	<i>1,541,300.00</i> 1,541,300.00	<i>1,584,020.00</i> 1,584,020.00	<i>1,932,504.40</i> 1,932,504.40	<i>2,322,677.04</i> 2,322,677.04	464,535.41	<i>2,787,212.45</i> 2,787,212.45
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	13,400.00	13,735.00	16,756.70	20,139.88	4,027.98	24,167.85
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	13,400.00	13,735.00	16,756.70	20,139.88	4,027.98	24,167.85
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Ice Control Measure - Furnish and Install	1,200.00	LF	Subcontractor - Excavation - Earth ND	<i>900.00</i> 1,080,000.00	<i>922.50</i> 1,107,000.00	<i>1,125.45</i> 1,350,540.00	<i>1,352.68</i> 1,623,214.03	<i>20.00%</i> 324,642.81	<i>1,623.21</i> 1,947,856.83
USR BARR Debris Picking Measures	1.00	LS	Subcontractor - Excavation - Earth ND	167,500.00	175,875.00	214,567.50	257,888.68	51,577.74	309,466.41
USR BARR Equipment Storage Shed	5,000.00	SF	Subcontractor - Excavation - Earth ND	<i>40.00</i> 200,000.00	<i>41.00</i> 205,000.00	<i>50.02</i> 250,100.00	<i>60.12</i> 300,595.19	<i>20.00%</i> 60,119.04	<i>72.14</i> 360,714.23
				31,289,442.95	33,484,273.64	41,332,672.11	49,677,738.61		59,613,286.33

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
907 Hydraulic Structure - Sheyenne River	1.00	EA	Prime - Management (Excavation - Earth) ND	31,289,442.95	33,484,273.64	41,332,672.11	49,677,738.61	9,935,547.72	59,613,286.33
				<i>11,129,427.03</i>	<i>11,581,139.97</i>	<i>14,132,248.44</i>	<i>16,985,549.40</i>		<i>20,382,659.28</i>
90701 Hydraulic Structure - Sheyenne River - Site work	1.00	EA	Prime - Management (Excavation - Earth) ND	11,129,427.03	11,581,139.97	14,132,248.44	16,985,549.40	3,397,109.88	20,382,659.28
				<i>46,000.00</i>	<i>46,000.00</i>	<i>56,120.00</i>	<i>67,450.63</i>		<i>80,940.75</i>
9070101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	46,000.00	46,000.00	56,120.00	67,450.63	13,490.13	80,940.75
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	46,000.00	46,000.00	56,120.00	67,450.63	13,490.13	80,940.75
				<i>376,187.30</i>	<i>403,571.68</i>	<i>492,357.45</i>	<i>591,764.42</i>		<i>710,117.30</i>
9070102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	376,187.30	403,571.68	492,357.45	591,764.42	118,352.88	710,117.30
				<i>2.53</i>	<i>3.04</i>	<i>3.71</i>	<i>4.46</i>	<i>20.00%</i>	<i>5.36</i>
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	12,000.00	LF	Subcontractor - Excavation - Earth ND	30,391.54	36,533.47	44,570.83	53,569.69	10,713.94	64,283.62
				<i>6.31</i>	<i>6.76</i>	<i>8.25</i>	<i>9.91</i>	<i>20.00%</i>	<i>11.90</i>
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	48,400.00	SY	Subcontractor - Excavation - Earth ND	305,400.13	327,195.35	399,178.33	479,772.44	95,954.49	575,726.92
				<i>2.97</i>	<i>2.92</i>	<i>3.57</i>	<i>4.29</i>	<i>20.00%</i>	<i>5.14</i>
USR BARR Temporary Sedimentation Basins	13,333.00	BCY	Subcontractor - Excavation - Earth ND	39,545.63	38,971.61	47,545.36	57,144.77	11,428.95	68,573.72
				<i>8.50</i>	<i>8.71</i>	<i>10.63</i>	<i>12.78</i>	<i>20.00%</i>	<i>15.33</i>
USR BARR Floating Silt Curtain	100.00	LF	Subcontractor - Excavation - Earth ND	850.00	871.25	1,062.93	1,277.53	255.51	1,533.04
				<i>1,050.28</i>	<i>1,152.69</i>	<i>1,406.28</i>	<i>1,690.21</i>		<i>2,028.25</i>
9070103 Clearing and Grubbing	15.00	ACR	Subcontractor - Excavation - Earth ND	15,754.18	17,290.34	21,094.22	25,353.14	5,070.63	30,423.77

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Clearing and Grubbing	15.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 15,754.18	1,152.69 17,290.34	1,406.28 21,094.22	1,690.21 25,353.14	20.00% 5,070.63	2,028.25 30,423.77
9070104 Strip and Stockpile Topsoil	160,957.00	BCY	Subcontractor - Excavation - Earth ND	1.32 212,400.04	1.35 217,807.70	1.65 265,725.39	1.98 319,375.35	63,875.07	2.38 383,250.42
USR BARR Topsoil - Channel - Strip	160,957.00	BCY	Subcontractor - Excavation - Earth ND	0.73 117,744.53	0.75 120,464.65	0.91 146,966.87	1.10 176,639.48	20.00% 35,327.90	1.32 211,967.38
USR BARR Topsoil - Channel - Stockpile	160,957.00	BCY	Subcontractor - Excavation - Earth ND	0.59 94,655.50	0.60 97,343.05	0.74 118,758.52	0.89 142,735.87	20.00% 28,547.17	1.06 171,283.04
9070105 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	441,281.88 441,281.88	465,592.21 465,592.21	568,022.50 568,022.50	682,706.24 682,706.24	136,541.25	819,247.49 819,247.49
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	25,900.00	BCY	Subcontractor - Excavation - Earth ND	7.85 203,368.18	8.24 213,400.78	10.05 260,348.95	12.08 312,913.41	20.00% 62,582.68	14.50 375,496.09
USR BARR Aggregate Base - Class V - Furnish and Install	9,217.00	ECY	Subcontractor - Excavation - Earth ND	20.82 191,886.70	21.87 201,614.43	26.69 245,969.60	32.07 295,630.86	20.00% 59,126.17	38.49 354,757.04
RSM 312323184600 Hauling, haul road maintenance, includes loading	60.00	DAY	Subcontractor - Excavation - Earth ND	767.12 46,027.00	842.95 50,577.00	1,028.40 61,703.95	1,236.03 74,161.97	20.00% 14,832.39	1,483.24 88,994.37
9070106 Coffering - Steel Sheetpile	2,400.00	SF	Subcontractor - Pile Driving ND	42.02 100,849.00	45.25 108,589.47	56.56 135,736.84	67.98 163,142.11	32,628.42	81.57 195,770.53
USR BARR Sheet Piling - Furnish Material	2,400.00	SF	Subcontractor - Pile Driving ND	17.50 42,000.00	18.38 44,100.00	22.97 55,125.00	27.61 66,254.74	20.00% 13,250.95	33.13 79,505.69

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				212.33	263.09	328.87	395.26	20.00%	474.32
USR BARR Sheet Piling - Unload Sheeting	2.00	EA	Subcontractor - Pile Driving ND	424.65	526.18	657.73	790.53	158.11	948.63
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	4,813.90	5,633.09	7,041.36	8,463.01	1,692.60	10,155.62
				160.46	187.77	234.71	282.10	20.00%	338.52
USR BARR Sheet Piling - Drive Sheets	107.00	EA	Subcontractor - Pile Driving ND	17,169.56	20,091.35	25,114.19	30,184.75	6,036.95	36,221.70
				13.74	18.23	22.79	27.39	20.00%	32.87
USR BARR Sheet Piling - Cut Sheets	214.00	EA	Subcontractor - Pile Driving ND	2,940.90	3,901.35	4,876.68	5,861.29	1,172.26	7,033.54
USR BARR Control of water	1.00	LS	Subcontractor - Pile Driving ND	33,500.00	34,337.50	42,921.88	51,587.80	10,317.56	61,905.36
				9.83	10.29	12.56	15.09		18.11
9070108 Embankment - Temporary Levee	12,095.00	BCY	Subcontractor - Excavation - Earth ND	118,931.28	124,503.38	151,894.13	182,561.55	36,512.31	219,073.87
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate	12,095.00	BCY	Subcontractor - Excavation - Earth ND	11,524.37	11,828.02	14,430.19	17,343.64	3,468.73	20,812.37
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	12,095.00	BCY	Subcontractor - Excavation - Earth ND	7,864.87	8,069.92	9,845.31	11,833.07	2,366.61	14,199.69
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	12,095.00	BCY	Subcontractor - Excavation - Earth ND	4,571.46	4,949.75	6,038.69	7,257.90	1,451.58	8,709.48
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	12,095.00	BCY	Subcontractor - Excavation - Earth ND	94,970.58	99,655.69	121,579.95	146,126.94	29,225.39	175,352.32
				6,711,839.66	6,979,555.51	8,515,057.72	10,234,247.87		12,281,097.45
9070109 Excavation and Embankment - Channel Realignment	1.00	BCY	Prime - Management (Excavation - Earth) ND	6,711,839.66	6,979,555.51	8,515,057.72	10,234,247.87	2,046,849.57	12,281,097.45

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
907010901 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1,172,333.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.08</i> 2,439,731.21	<i>2.16</i> 2,531,293.08	<i>2.63</i> 3,088,177.56	<i>3.17</i> 3,711,680.61	742,336.12	4,454,016.73
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	1,172,333.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 1,117,023.45	<i>0.98</i> 1,146,455.68	<i>1.19</i> 1,398,675.93	<i>1.43</i> 1,681,068.60	<i>20.00%</i> 336,213.72	<i>1.72</i> 2,017,282.31
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	1,172,333.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 762,318.42	<i>0.67</i> 782,194.00	<i>0.81</i> 954,276.68	<i>0.98</i> 1,146,945.14	<i>20.00%</i> 229,389.03	<i>1.17</i> 1,376,334.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	1,156,640.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.38</i> 437,167.07	<i>0.41</i> 473,342.31	<i>0.50</i> 577,477.62	<i>0.60</i> 694,070.35	<i>20.00%</i> 138,814.07	<i>0.72</i> 832,884.41
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	15,693.00	BCY	Subcontractor - Excavation - Earth ND	<i>7.85</i> 123,222.27	<i>8.24</i> 129,301.10	<i>10.05</i> 157,747.34	<i>12.08</i> 189,596.53	<i>20.00%</i> 37,919.31	<i>14.50</i> 227,515.83
907010902 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	260,189.00	BCY	Subcontractor - Excavation - Earth ND	<i>2.30</i> 598,083.05	<i>2.38</i> 619,341.60	<i>2.90</i> 755,596.75	<i>3.49</i> 908,151.73	181,630.35	1,089,782.08
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	260,189.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.27</i> 330,551.38	<i>1.30</i> 339,261.01	<i>1.59</i> 413,898.43	<i>1.91</i> 497,464.52	<i>20.00%</i> 99,492.90	<i>2.29</i> 596,957.43
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	260,189.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 169,189.87	<i>0.67</i> 173,601.08	<i>0.81</i> 211,793.32	<i>0.98</i> 254,554.39	<i>20.00%</i> 50,910.88	<i>1.17</i> 305,465.27
				<i>0.38</i>	<i>0.41</i>	<i>0.50</i>	<i>0.60</i>	<i>20.00%</i>	<i>0.72</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	260,189.00	BCY	Subcontractor - Excavation - Earth ND	98,341.80	106,479.51	129,905.00	156,132.82	31,226.56	187,359.39
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
907010903 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	464,378.00	BCY	Subcontractor - Excavation - Earth ND	1,377,095.15	1,431,959.12	1,746,990.13	2,099,707.44	419,941.49	2,519,648.92
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	464,378.00	BCY	Subcontractor - Excavation - Earth ND	442,593.85	450,600.94	549,733.15	660,724.27	132,144.85	792,869.12
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	464,378.00	BCY	Subcontractor - Excavation - Earth ND	457,018.30	481,478.23	587,403.44	706,000.20	141,200.04	847,200.24
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	464,378.00	BCY	Subcontractor - Excavation - Earth ND	301,965.32	309,838.32	378,002.75	454,321.50	90,864.30	545,185.80
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	464,378.00	BCY	Subcontractor - Excavation - Earth ND	175,517.68	190,041.63	231,850.79	278,661.47	55,732.29	334,393.76
				3.78	3.92	4.79	5.75		6.90
907010904 Excavation and Embankment - Channel - Type 4 Brenna	463,923.00	BCY	Subcontractor - Excavation - Earth ND	1,753,625.12	1,820,199.83	2,220,643.80	2,668,991.78	533,798.36	3,202,790.13
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Excavate	463,923.00	BCY	Subcontractor - Excavation - Earth ND	707,757.90	720,418.15	878,910.14	1,056,362.10	211,272.42	1,267,634.52
				1.23	1.29	1.58	1.90	20.00%	2.28

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Haul	463,923.00	BCY	Subcontractor - Excavation - Earth ND	568,852.07	600,391.52	732,477.65	880,364.89	176,072.98	1,056,437.87
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 4 Brenna - Spoil	463,923.00	BCY	Subcontractor - Excavation - Earth ND	301,669.45	309,534.74	377,632.38	453,876.36	90,775.27	544,651.63
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	463,923.00	BCY	Subcontractor - Excavation - Earth ND	175,345.71	189,855.43	231,623.62	278,388.43	55,677.69	334,066.12
				0.23	0.25	0.30	0.36		0.43
907010905 Excavation and Embankment - Channel	2,345,129.00	BCY	Subcontractor - Excavation - Earth ND	543,305.13	576,761.87	703,649.49	845,716.32	169,143.26	1,014,859.58
				0.23	0.25	0.30	0.36	20.00%	0.43
USR BARR Earthwork - Haul from No-Spoil Areas	2,345,129.00	BCY	Subcontractor - Excavation - Earth ND	543,305.13	576,761.87	703,649.49	845,716.32	169,143.26	1,014,859.58
				704,787.34	725,747.94	885,412.49	1,064,177.27		1,277,012.72
9070110 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	704,787.34	725,747.94	885,412.49	1,064,177.27	212,835.45	1,277,012.72
				909.58	1,046.81	1,277.10	1,534.95	20.00%	1,841.94
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	30.00	DAY	Subcontractor - Excavation - Earth ND	27,287.34	31,404.19	38,313.11	46,048.53	9,209.71	55,258.24
				25.00	25.31	30.88	37.12	20.00%	44.54
USR BARR Temporary Storm Sewer Pipe	300.00	LF	Subcontractor - Excavation - Earth ND	7,500.00	7,593.75	9,264.38	11,134.85	2,226.97	13,361.82
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	670,000.00	686,750.00	837,835.00	1,006,993.89	201,398.78	1,208,392.66
				24.00	25.20	30.74	36.95		44.34
9070111 Electrical Utilities	3,000.00	LF	Subcontractor - Excavation - Earth ND	72,000.00	75,600.00	92,232.00	110,853.64	22,170.73	133,024.37

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Electrical Utilities	3,000.00	LF	Subcontractor - Excavation - Earth ND	24.00 72,000.00	25.20 75,600.00	30.74 92,232.00	36.95 110,853.64	20.00% 22,170.73	44.34 133,024.37
9070112 Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	700,000.00	717,500.00	875,350.00	1,052,083.17	210,416.63	1,262,499.80
USR BARR Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	700,000.00	717,500.00	875,350.00	1,052,083.17	210,416.63	1,262,499.80
9070113 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	400,000.00 400,000.00	410,000.00 410,000.00	500,200.00 500,200.00	601,190.38 601,190.38	120,238.08	721,428.46 721,428.46
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.00	MI	Subcontractor - Excavation - Earth ND	100,000.00 200,000.00	102,500.00 205,000.00	125,050.00 250,100.00	150,297.60 300,595.19	20.00% 60,119.04	180,357.11 360,714.23
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	200,000.00 200,000.00	205,000.00 205,000.00	250,100.00 250,100.00	300,595.19 300,595.19	20.00% 60,119.04	360,714.23 360,714.23
9070114 Dust Control	60.00	DAY	Subcontractor - Excavation - Earth ND	500.00 30,000.00	500.00 30,000.00	610.00 36,600.00	733.16 43,989.54	8,797.91	879.79 52,787.45
USR BARR Dust Control	60.00	DAY	Subcontractor - Excavation - Earth ND	500.00 30,000.00	500.00 30,000.00	610.00 36,600.00	733.16 43,989.54	20.00% 8,797.91	879.79 52,787.45
9070115 Topsoil Placement	160,957.00	BCY	Subcontractor - Excavation - Earth ND	1.13 181,639.46	1.16 187,290.76	1.42 228,494.73	1.71 274,627.82	54,925.56	2.05 329,553.38
USR BARR Topsoil - Placement from Stockpile	160,957.00	BCY	Subcontractor - Excavation - Earth ND	1.13 181,639.46	1.16 187,290.76	1.42 228,494.73	1.71 274,627.82	20.00% 54,925.56	2.05 329,553.38
9070116 Site Restoration	100.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 262,218.44	2,750.98 275,098.07	3,356.20 335,619.65	4,033.81 403,381.26	80,676.25	4,840.58 484,057.51

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Seeding	100.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 127,218.44	1,393.48 139,348.07	1,700.05 170,004.65	2,043.29 204,328.59	20.00% 40,865.72	2,451.94 245,194.31
USR BARR Straw Mulch and Disk Anchoring	100.00	ACR	Subcontractor - Excavation - Earth ND	400.00 40,000.00	405.00 40,500.00	494.10 49,410.00	593.86 59,385.88	20.00% 11,877.18	712.63 71,263.05
USR BARR Vegetation Establishment and Maintenance	100.00	ACR	Subcontractor - Excavation - Earth ND	950.00 95,000.00	952.50 95,250.00	1,162.05 116,205.00	1,396.67 139,666.79	20.00% 27,933.36	1,676.00 167,600.15
9070117 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	40,926.79 40,926.79	44,251.70 44,251.70	53,987.08 53,987.08	64,887.07 64,887.07	12,977.41	77,864.48 77,864.48
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	2,000.00	LF	Subcontractor - Excavation - Earth ND	16.70 33,394.03	18.17 36,339.71	22.17 44,334.44	26.64 53,285.57	20.00% 10,657.11	31.97 63,942.68
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	4.00	EA	Subcontractor - Excavation - Earth ND	883.19 3,532.76	946.75 3,786.99	1,155.03 4,620.13	1,388.23 5,552.94	20.00% 1,110.59	1,665.88 6,663.52
9070118 Snow Removal	640.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,527.00	111.70 71,489.68	136.28 87,217.41	163.79 104,826.61	20,965.32	196.55 125,791.93
USR BARR Snow Removal	640.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,527.00	111.70 71,489.68	136.28 87,217.41	163.79 104,826.61	20.00% 20,965.32	196.55 125,791.93

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9070119 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	25,794.66	26,773.93	32,664.20	39,259.10	7,851.82	47,110.92
				0.00	0.00	0.00	0.00		0.00
907011901 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95	0.00	0.00	0.00	0.00%	0.00
				0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65	0.00	0.00	0.00	0.00%	0.00
				0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38	0.00	0.00	0.00	0.00%	0.00
				0.00	0.00	0.00	0.00	0.00	0.00
907011902 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	1.27	0.00	0.00	0.00	0.00%	0.00
				0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65	0.00	0.00	0.00	0.00%	0.00
				0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
907011903 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.98 0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00	0.00	0.00	0.00%	0.00
907011904 Excavation and Embankment - Channel - Type 4 Brenna	6,824.00	BCY	Subcontractor - Excavation - Earth ND	3.78 25,794.66	3.92 26,773.93	4.79 32,664.20	5.75 39,259.10	7,851.82	6.90 47,110.92
USR BARR Earthwork - Type 4 Brenna - Excavate	6,824.00	BCY	Subcontractor - Excavation - Earth ND	1.53 10,410.65	1.55 10,596.87	1.89 12,928.19	2.28 15,538.39	20.00% 3,107.68	2.73 18,646.06
USR BARR Earthwork - Type 4 Brenna - Haul	6,824.00	BCY	Subcontractor - Excavation - Earth ND	1.23 8,367.44	1.29 8,831.36	1.58 10,774.26	1.90 12,949.58	20.00% 2,589.92	2.28 15,539.50
USR BARR Earthwork - Type 4 Brenna - Spoil	6,824.00	BCY	Subcontractor - Excavation - Earth ND	0.65 4,437.36	0.67 4,553.05	0.81 5,554.72	0.98 6,676.22	20.00% 1,335.24	1.17 8,011.46

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	6,824.00	BCY	Subcontractor - Excavation - Earth ND	0.38 2,579.22	0.41 2,792.65	0.50 3,407.03	0.60 4,094.91	20.00% 818.98	0.72 4,913.89
9070120 Lower Bank Protection	6,519.00	CY	Subcontractor - Excavation - Earth ND	91.77 598,279.32	96.37 628,215.31	117.57 766,422.68	141.30 921,163.41	184,232.68	169.57 1,105,396.10
USR BARR Lower Bank Protection Riprap - Furnish and Install	6,519.00	CY	Subcontractor - Excavation - Earth ND	78.14 509,391.32	82.05 534,882.91	100.10 652,557.15	120.31 784,308.44	20.00% 156,861.69	144.37 941,170.12
USR BARR Lower Bank Protection Geotextile - Furnish and Install	22,222.00	SY	Subcontractor - Excavation - Earth ND	4.00 88,888.00	4.20 93,332.40	5.12 113,865.53	6.16 136,854.98	20.00% 27,371.00	7.39 164,225.97
9070121 Low Flow Channel Riprap Protection	306.00	CY	Subcontractor - Excavation - Earth ND	81.73 25,010.68	85.82 26,262.25	104.71 32,039.95	125.85 38,508.81	7,701.76	151.01 46,210.57
USR BARR Grade Control Riprap - Furnish and Install	306.00	CY	Subcontractor - Excavation - Earth ND	78.14 23,910.68	82.05 25,107.25	100.10 30,630.85	120.31 36,815.21	20.00% 7,363.04	144.37 44,178.26
USR BARR Grade Control Geotextile - Furnish and Install	275.00	SY	Subcontractor - Excavation - Earth ND	4.00 1,100.00	4.20 1,155.00	5.12 1,409.10	6.16 1,693.60	20.00% 338.72	7.39 2,032.32
90702 Hydraulic Structure - Sheyenne River - Structure	1.00	EA	Prime - Management (Excavation - Earth) ND	15,905,205.36 15,905,205.36	17,407,145.41 17,407,145.41	21,648,075.45 21,648,075.45	26,018,821.88 26,018,821.88	5,203,764.38	31,222,586.25 31,222,586.25
9070201 Earthwork - Structural	24,596.00	BCY	Subcontractor - Excavation - Earth ND	3.88 95,444.50	4.06 99,757.71	4.95 121,704.41	5.95 146,276.53	29,255.31	7.14 175,531.83
USR BARR Earthwork - Structural Excavation	24,596.00	BCY	Subcontractor - Excavation - Earth ND	0.71 17,463.24	0.72 17,791.29	0.88 21,705.37	1.06 26,087.69	20.00% 5,217.54	1.27 31,305.23

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Structural Haul	24,596.00	BCY	Subcontractor - Excavation - Earth ND	1.29 31,630.28	1.36 33,328.84	1.65 40,661.19	1.99 48,870.68	20.00% 9,774.14	2.38 58,644.82
USR BARR Earthwork - Structural Embankment	24,596.00	BCY	Subcontractor - Excavation - Earth ND	1.88 46,350.98	1.98 48,637.58	2.41 59,337.85	2.90 71,318.16	20.00% 14,263.63	3.48 85,581.79
9070202 Aqueduct Structure and Wingwalls	1.00	EA	Prime - Management (Excavation - Earth) ND	12,830,723.20 12,830,723.20	14,220,268.90 14,220,268.90	17,760,086.10 17,760,086.10	21,345,847.49 21,345,847.49	4,269,169.50	25,615,016.99 25,615,016.99
907020201 HP 14X73 Piling	64,196.00	LF	Subcontractor - Pile Driving ND	40.74 2,615,584.72	43.81 2,812,416.52	54.76 3,515,520.65	65.82 4,225,304.26	845,060.85	78.98 5,070,365.12
USR BARR HP 14X73 Piling - Furnish Material	64,196.00	LF	Subcontractor - Pile Driving ND	29.93 1,921,386.28	31.43 2,017,455.59	39.28 2,521,819.49	47.21 3,030,974.85	20.00% 606,194.97	56.66 3,637,169.82
USR BARR HP 14X73 Piling - Set up Rig	6.00	EA	Subcontractor - Pile Driving ND	2,406.95 14,441.69	2,816.54 16,899.27	3,520.68 21,124.09	4,231.51 25,389.04	20.00% 5,077.81	5,077.81 30,466.85
USR BARR HP 14X73 Piling - Unload Piles	118.00	EA	Subcontractor - Pile Driving ND	499.37 58,925.78	584.57 68,979.27	730.71 86,224.09	878.24 103,632.73	20.00% 20,726.55	1,053.89 124,359.28
USR BARR HP 14X73 Piling - Weld Splices	187.00	EA	Subcontractor - Pile Driving ND	63.59 11,891.53	79.29 14,826.51	99.11 18,533.13	119.12 22,274.97	20.00% 4,454.99	142.94 26,729.97
USR BARR HP 14X73 Piling - Drive Piling	64,196.00	LF	Subcontractor - Pile Driving ND	7.41 475,435.15	8.67 556,341.28	10.83 695,426.60	13.02 835,833.23	20.00% 167,166.65	15.62 1,002,999.87
USR BARR HP 14X73 Piling - Cut Offs	737.00	EA	Subcontractor - Pile Driving ND	18.32 13,504.30	24.31 17,914.60	30.38 22,393.25	36.52 26,914.44	20.00% 5,382.89	43.82 32,297.33
USR HP 14X73 Piling - Pile Test, 52 ft	24.00	EA	Subcontractor - Pile Driving ND	5,000.00 120,000.00	5,000.00 120,000.00	6,250.00 150,000.00	7,511.88 180,285.00	20.00% 36,057.00	9,014.25 216,342.00
907020202 Concrete - Footing	9,297.00	CY	Subcontractor - Concrete ND	154.83 1,439,417.63	165.16 1,535,448.53	206.44 1,919,310.66	248.13 2,306,819.49	461,363.90	297.75 2,768,183.38

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Footing - Form, Strip and Cure	24,536.00	SF	Subcontractor - Concrete ND	8.15 199,926.09	9.42 231,168.47	11.78 288,960.59	14.15 347,301.74	20.00% 69,460.35	16.99 416,762.08
USR BARR Concrete - Footing - Pour	9,297.00	CY	Subcontractor - Concrete ND	128.00 1,190,031.50	134.70 1,252,347.01	168.38 1,565,433.77	202.38 1,881,494.85	20.00% 376,298.97	242.85 2,257,793.81
USR BARR Concrete - 5% Waste	464.85	CY	Subcontractor - Concrete ND	106.40 49,460.04	111.72 51,933.04	139.65 64,916.30	167.85 78,022.90	20.00% 15,604.58	201.41 93,627.48
907020203 Concrete - Wall	8,174.00	CY	Subcontractor - Concrete ND	290.64 2,375,712.27	324.47 2,652,192.21	405.58 3,315,240.26	487.47 3,984,587.27	20.00% 796,917.45	584.97 4,781,504.72
USR BARR Concrete - Wall- Build Forms	2,000.00	SF	Subcontractor - Concrete ND	1.93 3,865.00	2.44 4,879.22	3.05 6,099.02	3.67 7,330.41	20.00% 1,466.08	4.40 8,796.50
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	229.78 919.11	280.84 1,123.37	351.05 1,404.21	421.93 1,687.72	20.00% 337.54	506.32 2,025.26
USR BARR Concrete - Wall - Form, Strip and Cure	136,208.00	SF	Subcontractor - Concrete ND	9.19 1,251,117.40	10.78 1,467,914.29	13.47 1,834,892.86	16.19 2,205,357.73	20.00% 441,071.55	19.43 2,646,429.27
USR BARR Concrete - Wall - Pour	8,174.00	CY	Subcontractor - Concrete ND	131.50 1,074,894.62	138.38 1,131,113.40	172.97 1,413,891.75	207.90 1,699,356.49	20.00% 339,871.30	249.48 2,039,227.79
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	408.70	CY	Subcontractor - Concrete ND	109.90 44,916.13	115.40 47,161.94	144.24 58,952.42	173.37 70,854.91	20.00% 14,170.98	208.04 85,025.90
907020204 Concrete - Piers	844.00	CY	Subcontractor - Concrete ND	541.13 456,710.93	633.98 535,080.56	792.48 668,850.70	952.48 803,891.65	20.00% 160,778.33	1,142.97 964,669.98
USR BARR Concrete - Pier - Build Forms	4,000.00	SF	Subcontractor - Concrete ND	4.93 19,730.01	5.44 21,758.43	6.80 27,198.04	8.17 32,689.33	20.00% 6,537.87	9.81 39,227.19
				229.78	280.84	351.05	421.93	20.00%	506.32

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Pier - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	919.11	1,123.37	1,404.21	1,687.72	337.54	2,025.26
				12.16	14.29	17.86	21.46	20.00%	25.76
USR BARR Concrete - Pier- Form, Strip and Cure	17,084.00	SF	Subcontractor - Concrete ND	207,806.23	244,062.14	305,077.67	366,672.85	73,334.57	440,007.42
				264.95	311.93	389.91	468.63	20.00%	562.36
USR BARR Concrete - Pier- Pour	844.00	CY	Subcontractor - Concrete ND	223,617.80	263,266.95	329,083.69	395,525.69	79,105.14	474,630.83
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	42.20	CY	Subcontractor - Concrete ND	4,637.78	4,869.67	6,087.09	7,316.07	1,463.21	8,779.28
				198.18	217.13	271.41	326.21		391.45
907020205 Concrete - Elevated Deck	1,932.00	CY	Subcontractor - Concrete ND	382,889.44	419,497.15	524,371.43	630,242.03	126,048.41	756,290.43
				5.05	6.00	7.50	9.01	20.00%	10.81
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	22,270.00	SF	Subcontractor - Concrete ND	112,437.80	133,556.14	166,945.18	200,651.41	40,130.28	240,781.69
				134.49	142.23	177.79	213.69	20.00%	256.42
USR BARR Concrete - Elevated Deck - Pour	1,932.00	CY	Subcontractor - Concrete ND	259,835.30	274,793.85	343,492.31	412,843.41	82,568.68	495,412.09
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	96.60	CY	Subcontractor - Concrete ND	10,616.34	11,147.16	13,933.95	16,747.21	3,349.44	20,096.65
				1.07	1.22	1.52	1.83		2.20
907020206 Steel Reinforcement Bars	4,246,926.00	LB	Subcontractor - Steel Erection ND	4,534,499.10	5,174,874.28	6,468,592.85	7,774,601.75	1,554,920.35	9,329,522.10
				0.81	0.95	1.18	1.42	20.00%	1.71
USR BARR Steel Reinforcement Bars - Furnish and Install	4,246,926.00	LB	Subcontractor - Steel Erection ND	3,440,010.06	4,018,057.86	5,022,572.33	6,036,629.68	1,207,325.94	7,243,955.62
				0.26	0.27	0.34	0.41	20.00%	0.49
USR BARR Steel Reinforcement Bars - Hoist	4,246,926.00	LB	Subcontractor - Steel Erection ND	1,094,489.04	1,156,816.42	1,446,020.52	1,737,972.06	347,594.41	2,085,566.47
				40.00	41.00	51.25	61.60		73.92
907020207 Bridge Railing	2,400.00	LF	Subcontractor - Steel Erection ND	96,000.00	98,400.00	123,000.00	147,833.70	29,566.74	177,400.44

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Bridge Railing - Furnish and Install	2,400.00	LF	Subcontractor - Steel Erection ND	40.00 96,000.00	41.00 98,400.00	51.25 123,000.00	61.60 147,833.70	20.00% 29,566.74	73.92 177,400.44
907020208 Steel Sheetpile	16,196.00	SF	Subcontractor - Pile Driving ND	27.17 439,967.97	29.89 484,025.62	37.36 605,032.03	44.90 727,187.99	145,437.60	53.88 872,625.59
USR BARR Sheet Piling - Furnish	16,196.00	SF	Subcontractor - Pile Driving ND	17.50 283,430.00	18.38 297,601.50	22.97 372,001.88	27.61 447,109.05	20.00% 89,421.81	33.13 536,530.86
USR BARR Sheet Piling - Unload Sheeting	11.00	EA	Subcontractor - Pile Driving ND	212.33 2,335.59	263.09 2,894.01	328.87 3,617.52	395.26 4,347.90	20.00% 869.58	474.32 5,217.47
USR BARR Sheet Piling - Set up Rig	8.00	EA	Subcontractor - Pile Driving ND	2,406.95 19,255.58	2,816.54 22,532.36	3,520.68 28,165.45	4,231.51 33,852.05	20.00% 6,770.41	5,077.81 40,622.46
USR BARR Sheet Piling - Drive Sheets	718.00	EA	Subcontractor - Pile Driving ND	160.46 115,212.57	187.77 134,818.62	234.71 168,523.27	282.10 202,548.12	20.00% 40,509.62	338.52 243,057.74
USR BARR Sheet Piling - Cut Sheets	1,436.00	EA	Subcontractor - Pile Driving ND	13.74 19,734.23	18.23 26,179.13	22.79 32,723.92	27.39 39,330.88	20.00% 7,866.18	32.87 47,197.05
907020209 Structural Aggregate Backfill	1.00	CY	Subcontractor - Excavation - Earth ND	489,941.15 489,941.15	508,334.04 508,334.04	620,167.53 620,167.53	745,379.35 745,379.35	149,075.87	894,455.22 894,455.22
USR BARR Structural Aggregate Backfill - Furnish and Install	10,718.00	ECY	Subcontractor - Excavation - Earth ND	23.45 251,337.10	24.04 257,633.93	29.33 314,313.39	35.25 377,773.26	20.00% 75,554.65	42.30 453,327.91
USR BARR Aggregate Base - Class V - Furnish and Install	11,461.00	ECY	Subcontractor - Excavation - Earth ND	20.82 238,604.05	21.87 250,700.11	26.69 305,854.14	32.07 367,606.09	20.00% 73,521.22	38.49 441,127.31
9070203 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	1,172,037.66 1,172,037.66	1,230,756.30 1,230,756.30	1,501,522.68 1,501,522.68	1,804,680.11 1,804,680.11	360,936.02	2,165,616.14 2,165,616.14
				56.82	59.67	72.80	87.50	20.00%	105.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Select Granular Aggregate - Furnish and Install	5,500.00	CY	Subcontractor - Excavation - Earth ND	312,503.29	328,208.06	400,413.83	481,257.38	96,251.48	577,508.86
USR BARR Riprap - Furnish and Install	11,000.00	CY	Subcontractor - Excavation - Earth ND	859,534.36	902,548.24	1,101,108.86	1,323,422.73	264,684.55	1,588,107.28
9070204 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	1,807,000.00	1,856,362.50	2,264,762.25	2,722,017.75	544,403.55	3,266,421.30
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	134,000.00	137,350.00	167,567.00	201,398.78	40,279.76	241,678.53
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	51,250.00	62,525.00	75,148.80	15,029.76	90,178.56
USR BARR Ice Control Measure - Furnish and Install	1,000.00	LF	Subcontractor - Excavation - Earth ND	900,000.00	922,500.00	1,125,450.00	1,352,678.36	270,535.67	1,623,214.03
USR BARR Debris Control Measure - Furnish and Install	200.00	LF	Subcontractor - Excavation - Earth ND	180,000.00	184,500.00	225,090.00	270,535.67	54,107.13	324,642.81
USR BARR Debris Picking Measures	1.00	LS	Subcontractor - Excavation - Earth ND	167,500.00	175,875.00	214,567.50	257,888.68	51,577.74	309,466.41
USR BARR Equipment Storage Shed	5,000.00	SF	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	60,119.04	360,714.23
USR BARR Winter Channel Heating Coil System	1.00	LS	Subcontractor - Excavation - Earth ND	75,000.00	76,875.00	93,787.50	112,723.20	22,544.64	135,267.84

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
90703 Hydraulic Structure - Sheyenne River - Weir to Diversion	1.00	EA	Prime - Management (Excavation - Earth) ND	4,254,810.56 4,254,810.56	4,495,988.26 4,495,988.26	5,552,348.22 5,552,348.22	6,673,367.33 6,673,367.33	1,334,673.47	8,008,040.79 8,008,040.79
9070301 Earthwork - Structural	28,667.00	BCY	Subcontractor - Excavation - Earth ND	3.88 111,241.98	4.06 116,269.08	4.95 141,848.28	5.95 170,487.45	34,097.49	7.14 204,584.94
USR BARR Earthwork - Structural Excavation	28,667.00	BCY	Subcontractor - Excavation - Earth ND	0.71 20,353.66	0.72 20,736.01	0.88 25,297.93	1.06 30,405.59	20.00% 6,081.12	1.27 36,486.70
USR BARR Earthwork - Structural Haul	28,667.00	BCY	Subcontractor - Excavation - Earth ND	1.29 36,865.56	1.36 38,845.26	1.65 47,391.21	1.99 56,959.50	20.00% 11,391.90	2.38 68,351.40
USR BARR Earthwork - Structural Embankment	28,667.00	BCY	Subcontractor - Excavation - Earth ND	1.88 54,022.75	1.98 56,687.82	2.41 69,159.14	2.90 83,122.37	20.00% 16,624.47	3.48 99,746.84
9070302 Steel Sheetpile	98,880.00	SF	Subcontractor - Pile Driving ND	18.89 1,868,214.63	20.05 1,982,770.68	25.07 2,478,463.34	30.13 2,978,865.09	595,773.02	36.15 3,574,638.11
USR BARR Sheet Piling - Furnish	98,880.00	SF	Subcontractor - Pile Driving ND	17.50 1,730,400.00	18.38 1,816,920.00	22.97 2,271,150.00	27.61 2,729,695.19	20.00% 545,939.04	33.13 3,275,634.22
USR BARR Sheet Piling - Unload Sheeting	180.00	EA	Subcontractor - Pile Driving ND	212.33 38,218.67	263.09 47,356.60	328.87 59,195.75	395.26 71,147.37	20.00% 14,229.47	474.32 85,376.85
USR BARR Sheet Piling - Set up Rig	6.00	EA	Subcontractor - Pile Driving ND	2,406.95 14,441.69	2,816.54 16,899.27	3,520.68 21,124.09	4,231.51 25,389.04	20.00% 5,077.81	5,077.81 30,466.85
USR BARR Sheet Piling - Drive Sheets	453.00	EA	Subcontractor - Pile Driving ND	160.46 72,689.83	187.77 85,059.66	234.71 106,324.57	282.10 127,791.50	20.00% 25,558.30	338.52 153,349.80
USR BARR Sheet Piling - Cut Sheets	907.00	EA	Subcontractor - Pile Driving ND	13.74 12,464.45	18.23 16,535.15	22.79 20,668.94	27.39 24,841.99	20.00% 4,968.40	32.87 29,810.39

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9070303 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	<i>2,036,284.01</i> 2,036,284.01	<i>2,138,301.08</i> 2,138,301.08	<i>2,608,727.31</i> 2,608,727.31	<i>3,135,429.36</i> 3,135,429.36	627,085.87	<i>3,762,515.23</i> 3,762,515.23
USR BARR Select Granular Aggregate - Furnish and Install	9,556.00	CY	Subcontractor - Excavation - Earth ND	<i>56.82</i> 542,960.27	<i>59.67</i> 570,246.58	<i>72.80</i> 695,700.83	<i>87.50</i> 836,162.82	<i>20.00%</i> 167,232.56	<i>105.00</i> 1,003,395.39
USR BARR Riprap - Furnish and Install	19,111.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 1,493,323.75	<i>82.05</i> 1,568,054.50	<i>100.10</i> 1,913,026.49	<i>120.31</i> 2,299,266.53	<i>20.00%</i> 459,853.31	<i>144.37</i> 2,759,119.84
9070304 Concrete - Wall	1,200.00	CY	Subcontractor - Concrete ND	<i>145.84</i> 175,007.15	<i>154.61</i> 185,537.50	<i>193.27</i> 231,921.87	<i>232.29</i> 278,746.90	55,749.38	<i>278.75</i> 334,496.28
USR BARR Concrete - Wall- Build Forms	500.00	SF	Subcontractor - Concrete ND	<i>1.93</i> 966.25	<i>2.44</i> 1,219.80	<i>3.05</i> 1,524.76	<i>3.67</i> 1,832.60	<i>20.00%</i> 366.52	<i>4.40</i> 2,199.12
USR BARR Concrete - Wall - Assemble and Modify Forms	2.00	EA	Subcontractor - Concrete ND	<i>229.78</i> 459.55	<i>280.84</i> 561.68	<i>351.05</i> 702.10	<i>421.93</i> 843.86	<i>20.00%</i> 168.77	<i>506.32</i> 1,012.63
USR BARR Concrete - Wall - Form, Strip and Cure	1,000.00	SF	Subcontractor - Concrete ND	<i>9.19</i> 9,185.34	<i>10.78</i> 10,777.00	<i>13.47</i> 13,471.26	<i>16.19</i> 16,191.10	<i>20.00%</i> 3,238.22	<i>19.43</i> 19,429.32
USR BARR Concrete - Wall - Pour	1,200.00	CY	Subcontractor - Concrete ND	<i>131.50</i> 157,802.00	<i>138.38</i> 166,055.31	<i>172.97</i> 207,569.13	<i>207.90</i> 249,477.34	<i>20.00%</i> 49,895.47	<i>249.48</i> 299,372.81
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	60.00	CY	Subcontractor - Concrete ND	<i>109.90</i> 6,594.00	<i>115.40</i> 6,923.70	<i>144.24</i> 8,654.63	<i>173.37</i> 10,401.99	<i>20.00%</i> 2,080.40	<i>208.04</i> 12,482.39
9070305 Steel Reinforcement Bars	60,000.00	LB	Subcontractor - Steel Erection ND	<i>1.07</i> 64,062.79	<i>1.22</i> 73,109.93	<i>1.52</i> 91,387.41	<i>1.83</i> 109,838.53	21,967.71	<i>2.20</i> 131,806.23
USR BARR Steel Reinforcement Bars - Furnish and Install	60,000.00	LB	Subcontractor - Steel Erection ND	<i>0.81</i> 48,600.00	<i>0.95</i> 56,766.58	<i>1.18</i> 70,958.23	<i>1.42</i> 85,284.69	<i>20.00%</i> 17,056.94	<i>1.71</i> 102,341.63

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Steel Reinforcement Bars - Hoist	60,000.00	LB	Subcontractor - Steel Erection ND	0.26 15,462.79	0.27 16,343.35	0.34 20,429.18	0.41 24,553.84	20.00% 4,910.77	0.49 29,464.60
908 Hydraulic Structure - Drain 14 - Large Drain Structure	1.00	EA	Prime - Management (Excavation - Earth) ND	5,017,915.21 5,017,915.21	5,486,470.54 5,486,470.54	6,852,717.52 6,852,717.52	8,236,281.18 8,236,281.18	1,647,256.24	9,883,537.42 9,883,537.42
90801 Earthwork - Structural	1,000.00	BCY	Subcontractor - Excavation - Earth ND	3.88 3,880.49	4.06 4,055.85	4.95 4,948.14	5.95 5,947.17	1,189.43	7.14 7,136.60
USR BARR Earthwork - Structural Excavation	1,000.00	BCY	Subcontractor - Excavation - Earth ND	0.71 710.00	0.72 723.34	0.88 882.48	1.06 1,060.65	20.00% 212.13	1.27 1,272.78
USR BARR Earthwork - Structural Haul	1,000.00	BCY	Subcontractor - Excavation - Earth ND	1.29 1,285.99	1.36 1,355.05	1.65 1,653.16	1.99 1,986.94	20.00% 397.39	2.38 2,384.32
USR BARR Earthwork - Structural Embankment	1,000.00	BCY	Subcontractor - Excavation - Earth ND	1.88 1,884.49	1.98 1,977.46	2.41 2,412.50	2.90 2,899.58	20.00% 579.92	3.48 3,479.50
90802 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	16,750.00 16,750.00	17,168.75 17,168.75	20,945.88 20,945.88	25,174.85 25,174.85	5,034.97	30,209.82 30,209.82
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	16,750.00	17,168.75	20,945.88	25,174.85	5,034.97	30,209.82
90803 HP 14X73 Piling	58,177.00	LF	Subcontractor - Pile Driving ND	40.06 2,330,567.01	43.16 2,511,058.56	53.95 3,138,823.20	64.85 3,772,551.60	754,510.32	77.82 4,527,061.92
USR BARR HP 14X73 Piling - Furnish Material	58,177.00	LF	Subcontractor - Pile Driving ND	29.93 1,741,237.61	31.43 1,828,299.49	39.28 2,285,374.36	47.21 2,746,791.45	20.00% 549,358.29	56.66 3,296,149.74
USR BARR HP 14X73 Piling - Set up Rig	4.00	EA	Subcontractor - Pile Driving ND	2,406.95 9,627.79	2,816.54 11,266.18	3,520.68 14,082.72	4,231.51 16,926.03	20.00% 3,385.21	5,077.81 20,311.23

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR HP 14X73 Piling - Unload Piles	110.00	EA	Subcontractor - Pile Driving ND	499.37 54,930.81	584.57 64,302.71	730.71 80,378.39	878.24 96,606.78	20.00% 19,321.36	1,053.89 115,928.14
USR BARR HP 14X73 Piling - Weld Splices	430.00	EA	Subcontractor - Pile Driving ND	63.59 27,344.15	79.29 34,093.04	99.11 42,616.30	119.12 51,220.53	20.00% 10,244.11	142.94 61,464.63
USR BARR HP 14X73 Piling - Drive Piling	58,000.00	LF	Subcontractor - Pile Driving ND	7.41 429,547.62	8.67 502,644.93	10.83 628,306.17	13.02 755,161.18	20.00% 151,032.24	15.62 906,193.42
USR BARR HP 14X73 Piling - Cut Offs	430.00	EA	Subcontractor - Pile Driving ND	18.32 7,879.03	24.31 10,452.21	30.38 13,065.26	36.52 15,703.14	20.00% 3,140.63	43.82 18,843.76
USR HP 14X73 Piling - Pile Test, 52 ft	12.00	EA	Subcontractor - Pile Driving ND	5,000.00 60,000.00	5,000.00 60,000.00	6,250.00 75,000.00	7,511.88 90,142.50	20.00% 18,028.50	9,014.25 108,171.00
90804 Concrete - Footing	5,000.00	CY	Subcontractor - Concrete ND	152.88 764,387.64	162.90 814,511.36	203.63 1,018,139.20	244.74 1,223,701.50	244,740.30	1,468,441.80
USR BARR Concrete - Footing - Form, Strip and Cure	12,000.00	SF	Subcontractor - Concrete ND	8.15 97,779.31	9.42 113,059.25	11.78 141,324.06	14.15 169,857.39	20.00% 33,971.48	16.99 203,828.86
USR BARR Concrete - Footing - Pour	5,000.00	CY	Subcontractor - Concrete ND	128.00 640,008.33	134.70 673,522.11	168.38 841,902.64	202.38 1,011,882.78	20.00% 202,376.56	242.85 1,214,259.34
USR BARR Concrete - 5% Waste	250.00	CY	Subcontractor - Concrete ND	106.40 26,600.00	111.72 27,930.00	139.65 34,912.50	167.85 41,961.33	20.00% 8,392.27	201.41 50,353.60
90805 Concrete - Wall	2,000.00	CY	Subcontractor - Concrete ND	321.90 643,799.17	361.19 722,379.83	451.49 902,974.79	542.64 1,085,285.40	217,057.08	1,302,342.48
USR BARR Concrete - Wall- Build Forms	1,000.00	SF	Subcontractor - Concrete ND	1.93 1,932.50	2.44 2,439.61	3.05 3,049.51	3.67 3,665.21	20.00% 733.04	4.40 4,398.25
USR BARR Concrete - Wall - Assemble and Modify Forms	2.00	EA	Subcontractor - Concrete ND	229.78 459.55	280.84 561.68	351.05 702.10	421.93 843.86	20.00% 168.77	506.32 1,012.63
				9.19	10.78	13.47	16.19	20.00%	19.43

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Wall - Form, Strip and Cure	40,000.00	SF	Subcontractor - Concrete ND	367,413.78	431,080.20	538,850.25	647,644.11	129,528.82	777,172.93
				<i>131.50</i>	<i>138.38</i>	<i>172.97</i>	<i>207.90</i>	<i>20.00%</i>	<i>249.48</i>
USR BARR Concrete - Wall - Pour	2,000.00	CY	Subcontractor - Concrete ND	263,003.33	276,758.84	345,948.56	415,795.57	83,159.11	498,954.68
				<i>109.90</i>	<i>115.40</i>	<i>144.24</i>	<i>173.37</i>	<i>20.00%</i>	<i>208.04</i>
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	100.00	CY	Subcontractor - Concrete ND	10,990.00	11,539.50	14,424.38	17,336.66	3,467.33	20,803.99
				<i>1.07</i>	<i>1.22</i>	<i>1.52</i>	<i>1.83</i>		<i>2.20</i>
90806 Steel Reinforcement Bars	1,000,000.00	LB	Subcontractor - Steel Erection ND	1,067,713.23	1,218,498.81	1,523,123.51	1,830,642.15	366,128.43	2,196,770.58
				<i>0.81</i>	<i>0.95</i>	<i>1.18</i>	<i>1.42</i>	<i>20.00%</i>	<i>1.71</i>
USR BARR Steel Reinforcement Bars - Furnish and Install	1,000,000.00	LB	Subcontractor - Steel Erection ND	810,000.00	946,109.70	1,182,637.12	1,421,411.55	284,282.31	1,705,693.86
				<i>0.26</i>	<i>0.27</i>	<i>0.34</i>	<i>0.41</i>	<i>20.00%</i>	<i>0.49</i>
USR BARR Steel Reinforcement Bars - Hoist	1,000,000.00	LB	Subcontractor - Steel Erection ND	257,713.23	272,389.12	340,486.39	409,230.60	81,846.12	491,076.72
				<i>40.00</i>	<i>41.00</i>	<i>51.25</i>	<i>61.60</i>		<i>73.92</i>
90807 Bridge Railing	1,000.00	LF	Subcontractor - Steel Erection ND	40,000.00	41,000.00	51,250.00	61,597.38	12,319.48	73,916.85
				<i>40.00</i>	<i>41.00</i>	<i>51.25</i>	<i>61.60</i>	<i>20.00%</i>	<i>73.92</i>
USR BARR Bridge Railing - Furnish and Install	1,000.00	LF	Subcontractor - Steel Erection ND	40,000.00	41,000.00	51,250.00	61,597.38	12,319.48	73,916.85
				<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>		<i>0.00</i>
90808 Steel Sheetpile	1.00	SF	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>17.50</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Sheet Piling - Furnish	0.00	SF	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>212.33</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Sheet Piling - Unload Sheeting	0.00	EA	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>2,406.95</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>
USR BARR Sheet Piling - Set up Rig	0.00	EA	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				<i>160.46</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Drive Sheets	0.00	EA	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				13.74	0.00	0.00	0.00	0.00%	0.00
USR BARR Sheet Piling - Cut Sheets	0.00	EA	Subcontractor - Pile Driving ND	0.00	0.00	0.00	0.00	0.00	0.00
				20.82	21.87	26.69	32.07		38.49
90809 Structural Aggregate Backfill	1,000.00	CY	Subcontractor - Excavation - Earth ND	20,818.78	21,874.19	26,686.51	32,074.52	6,414.90	38,489.43
				20.82	21.87	26.69	32.07	20.00%	38.49
USR BARR Aggregate Base - Class V - Furnish and Install	1,000.00	ECY	Subcontractor - Excavation - Earth ND	20,818.78	21,874.19	26,686.51	32,074.52	6,414.90	38,489.43
				106,548.88	111,886.94	136,502.06	164,061.83		196,874.19
90810 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	106,548.88	111,886.94	136,502.06	164,061.83	32,812.37	196,874.19
				56.82	59.67	72.80	87.50	20.00%	105.00
USR BARR Select Granular Aggregate - Furnish and Install	500.00	CY	Subcontractor - Excavation - Earth ND	28,409.39	29,837.10	36,401.26	43,750.67	8,750.13	52,500.81
				78.14	82.05	100.10	120.31	20.00%	144.37
USR BARR Riprap - Furnish and Install	1,000.00	CY	Subcontractor - Excavation - Earth ND	78,139.49	82,049.84	100,100.81	120,311.16	24,062.23	144,373.39
				23,450.00	24,036.25	29,324.23	35,244.79		42,293.74
90811 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	23,450.00	24,036.25	29,324.23	35,244.79	7,048.96	42,293.74
				6,700.00	6,867.50	8,378.35	10,069.94	2,013.99	12,083.93
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	6,700.00	6,867.50	8,378.35	10,069.94	2,013.99	12,083.93
				16,750.00	17,168.75	20,945.88	25,174.85	5,034.97	30,209.82
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	16,750.00	17,168.75	20,945.88	25,174.85	5,034.97	30,209.82
				28,294,883.66	30,364,782.15	37,531,288.55	45,108,855.71		54,130,626.85
909 Hydraulic Structure - Maple River	1.00	EA	Prime - Management (Excavation - Earth) ND	28,294,883.66	30,364,782.15	37,531,288.55	45,108,855.71	9,021,771.14	54,130,626.85

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
90901 Hydraulic Structure - Maple River - Site work	1.00	EA	Prime - Management (Excavation - Earth) ND	8,520,273.50	8,869,271.86	10,825,108.14	13,010,697.48	2,602,139.50	15,612,836.97
9090101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	46,000.00	46,000.00	56,120.00	67,450.63	13,490.13	80,940.75
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	46,000.00	46,000.00	56,120.00	67,450.63	13,490.13	80,940.75
9090102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	433,122.07	464,716.47	566,954.09	681,422.13	136,284.43	817,706.55
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	14,000.00	LF	Subcontractor - Excavation - Earth ND	35,456.80	42,622.38	51,999.31	62,497.97	12,499.59	74,997.56
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	55,660.00	SY	Subcontractor - Excavation - Earth ND	351,210.15	376,274.66	459,055.08	551,738.30	110,347.66	662,085.96
USR BARR Temporary Sedimentation Basins	15,333.00	BCY	Subcontractor - Excavation - Earth ND	45,477.63	44,817.49	54,677.34	65,716.70	13,143.34	78,860.04
USR BARR Floating Silt Curtain	115.00	LF	Subcontractor - Excavation - Earth ND	977.50	1,001.94	1,222.36	1,469.16	293.83	1,762.99
9090103 Clearing and Grubbing	15.00	ACR	Subcontractor - Excavation - Earth ND	15,754.18	17,290.34	21,094.22	25,353.14	5,070.63	30,423.77
USR BARR Clearing and Grubbing	15.00	ACR	Subcontractor - Excavation - Earth ND	15,754.18	17,290.34	21,094.22	25,353.14	5,070.63	30,423.77

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9090104 Strip and Stockpile Topsoil	183,802.00	BCY	Subcontractor - Excavation - Earth ND	242,546.46	248,721.65	303,440.42	364,705.04	72,941.01	437,646.04
				1.32	1.35	1.65	1.98		2.38
USR BARR Topsoil - Channel - Strip	183,802.00	BCY	Subcontractor - Excavation - Earth ND	134,456.29	137,562.48	167,826.22	201,710.33	40,342.07	242,052.40
				0.73	0.75	0.91	1.10	20.00%	1.32
USR BARR Topsoil - Channel - Stockpile	183,802.00	BCY	Subcontractor - Excavation - Earth ND	108,090.18	111,159.18	135,614.20	162,994.70	32,598.94	195,593.64
				0.59	0.60	0.74	0.89	20.00%	1.06
9090105 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	324,696.19	343,263.38	418,781.32	503,333.27	100,666.65	603,999.92
				324,696.19	343,263.38	418,781.32	503,333.27		603,999.92
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	10,278.00	BCY	Subcontractor - Excavation - Earth ND	80,703.40	84,684.68	103,315.31	124,174.67	24,834.93	149,009.61
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Aggregate Base - Class V - Furnish and Install	9,509.00	ECY	Subcontractor - Excavation - Earth ND	197,965.79	208,001.69	253,762.06	304,996.62	60,999.32	365,995.95
				20.82	21.87	26.69	32.07	20.00%	38.49
RSM 312323184600 Hauling, haul road maintenance, includes loading	60.00	DAY	Subcontractor - Excavation - Earth ND	46,027.00	50,577.00	61,703.95	74,161.97	14,832.39	88,994.37
				767.12	842.95	1,028.40	1,236.03	20.00%	1,483.24
9090106 Coffering - Steel Sheetpile	4,800.00	SF	Subcontractor - Pile Driving ND	143,273.66	153,215.66	191,519.57	230,187.38	46,037.48	276,224.85
				29.85	31.92	39.90	47.96		57.55
USR BARR Sheet Piling - Furnish Material	4,800.00	SF	Subcontractor - Pile Driving ND	84,000.00	88,200.00	110,250.00	132,509.48	26,501.90	159,011.37
				17.50	18.38	22.97	27.61	20.00%	33.13
USR BARR Sheet Piling - Unload Sheeting	4.00	EA	Subcontractor - Pile Driving ND	849.30	1,052.37	1,315.46	1,581.05	316.21	1,897.26
				212.33	263.09	328.87	395.26	20.00%	474.32
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	4,813.90	5,633.09	7,041.36	8,463.01	1,692.60	10,155.62
				160.46	187.77	234.71	282.10	20.00%	338.52
USR BARR Sheet Piling - Drive Sheets	107.00	EA	Subcontractor - Pile Driving ND	17,169.56	20,091.35	25,114.19	30,184.75	6,036.95	36,221.70
				13.74	18.23	22.79	27.39	20.00%	32.87
USR BARR Sheet Piling - Cut Sheets	214.00	EA	Subcontractor - Pile Driving ND	2,940.90	3,901.35	4,876.68	5,861.29	1,172.26	7,033.54
USR BARR Control of water	1.00	LS	Subcontractor - Pile Driving ND	33,500.00	34,337.50	42,921.88	51,587.80	10,317.56	61,905.36
				9.83	10.29	12.56	15.09		18.11
9090107 Embankment - Temporary Levee	4,187.00	BCY	Subcontractor - Excavation - Earth ND	41,171.17	43,100.10	52,582.12	63,198.45	12,639.69	75,838.14
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate	4,187.00	BCY	Subcontractor - Excavation - Earth ND	3,989.46	4,094.58	4,995.39	6,003.95	1,200.79	7,204.75
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	4,187.00	BCY	Subcontractor - Excavation - Earth ND	2,722.63	2,793.61	3,408.21	4,096.33	819.27	4,915.59
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	4,187.00	BCY	Subcontractor - Excavation - Earth ND	1,582.53	1,713.48	2,090.45	2,512.51	502.50	3,015.02
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	4,187.00	BCY	Subcontractor - Excavation - Earth ND	32,876.55	34,498.42	42,088.07	50,585.65	10,117.13	60,702.78
				4,071,971.16	4,234,818.68	5,166,478.80	6,209,590.86		7,451,509.04
9090108 Excavation and Embankment - Channel Realignment	1.00	BCY	Prime - Management (Excavation - Earth) ND	4,071,971.16	4,234,818.68	5,166,478.80	6,209,590.86	1,241,918.17	7,451,509.04
				2.11	2.19	2.67	3.21		3.85

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
905010901 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1,168,454.00	BCY	Subcontractor - Excavation - Earth ND	2,464,237.66	2,557,048.71	3,119,599.43	3,749,446.55	749,889.31	4,499,335.86
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	1,168,454.00	BCY	Subcontractor - Excavation - Earth ND	1,113,327.46	1,142,662.30	1,394,048.01	1,675,506.30	335,101.26	2,010,607.56
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	1,168,454.00	BCY	Subcontractor - Excavation - Earth ND	759,796.07	779,605.89	951,119.18	1,143,150.14	228,630.03	1,371,780.17
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	1,148,454.00	BCY	Subcontractor - Excavation - Earth ND	434,073.06	469,992.28	573,390.58	689,158.13	137,831.63	826,989.76
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	20,000.00	BCY	Subcontractor - Excavation - Earth ND	157,041.06	164,788.25	201,041.66	241,631.97	48,326.39	289,958.37
905010902 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	216,898.00	BCY	Subcontractor - Excavation - Earth ND	498,572.26	516,293.75	629,878.37	757,050.82	151,410.16	908,460.98
				1.27	1.30	1.59	1.91	20.00%	2.29
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	216,898.00	BCY	Subcontractor - Excavation - Earth ND	275,553.28	282,813.78	345,032.81	414,694.93	82,938.99	497,633.92
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	216,898.00	BCY	Subcontractor - Excavation - Earth ND	141,039.57	144,716.83	176,554.53	212,200.89	42,440.18	254,641.07
				0.38	0.41	0.50	0.60	20.00%	0.72

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	216,898.00	BCY	Subcontractor - Excavation - Earth ND	81,979.41	88,763.14	108,291.03	130,154.99	26,031.00	156,185.99
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
905010903 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	247,986.00	BCY	Subcontractor - Excavation - Earth ND	735,392.97	764,691.30	932,923.38	1,121,280.61	224,256.12	1,345,536.73
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	247,986.00	BCY	Subcontractor - Excavation - Earth ND	236,352.88	240,628.81	293,567.15	352,838.35	70,567.67	423,406.02
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	247,986.00	BCY	Subcontractor - Excavation - Earth ND	244,055.79	257,117.82	313,683.74	377,016.49	75,403.30	452,419.79
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	247,986.00	BCY	Subcontractor - Excavation - Earth ND	161,254.78	165,459.10	201,860.10	242,615.65	48,523.13	291,138.79
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	247,986.00	BCY	Subcontractor - Excavation - Earth ND	93,729.52	101,485.57	123,812.39	148,810.11	29,762.02	178,572.14
				0.00	0.00	0.00	0.00		0.00
905010904 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.23	0.25	0.30	0.36		0.43
905010905 Excavation and Embankment - Channel	1,613,338.00	BCY	Subcontractor - Excavation - Earth ND	373,768.27	396,784.93	484,077.62	581,812.89	116,362.58	698,175.46
				0.23	0.25	0.30	0.36	20.00%	0.43
USR BARR Earthwork - Haul from No-Spoil Areas	1,613,338.00	BCY	Subcontractor - Excavation - Earth ND	373,768.27	396,784.93	484,077.62	581,812.89	116,362.58	698,175.46
				704,787.34	725,747.94	885,412.49	1,064,177.27		1,277,012.72
9090109 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	704,787.34	725,747.94	885,412.49	1,064,177.27	212,835.45	1,277,012.72
				909.58	1,046.81	1,277.10	1,534.95	20.00%	1,841.94
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	30.00	DAY	Subcontractor - Excavation - Earth ND	27,287.34	31,404.19	38,313.11	46,048.53	9,209.71	55,258.24
				25.00	25.31	30.88	37.12	20.00%	44.54
USR BARR Temporary Storm Sewer Pipe	300.00	LF	Subcontractor - Excavation - Earth ND	7,500.00	7,593.75	9,264.38	11,134.85	2,226.97	13,361.82
				670,000.00	686,750.00	837,835.00	1,006,993.89	201,398.78	1,208,392.66
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	670,000.00	686,750.00	837,835.00	1,006,993.89	201,398.78	1,208,392.66
				24.00	25.20	30.74	36.95		44.34
9090110 Electrical Utilities	4,500.00	LF	Subcontractor - Excavation - Earth ND	108,000.00	113,400.00	138,348.00	166,280.46	33,256.09	199,536.55

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Electrical Utilities	4,500.00	LF	Subcontractor - Excavation - Earth ND	24.00 108,000.00	25.20 113,400.00	30.74 138,348.00	36.95 166,280.46	20.00% 33,256.09	44.34 199,536.55
9090111 Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	700,000.00	717,500.00	875,350.00	1,052,083.17	210,416.63	1,262,499.80
USR BARR Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	700,000.00	717,500.00	875,350.00	1,052,083.17	210,416.63	1,262,499.80
9090112 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	400,000.00 400,000.00	410,000.00 410,000.00	500,200.00 500,200.00	601,190.38 601,190.38	120,238.08	721,428.46 721,428.46
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.00	MI	Subcontractor - Excavation - Earth ND	100,000.00 200,000.00	102,500.00 205,000.00	125,050.00 250,100.00	150,297.60 300,595.19	20.00% 60,119.04	180,357.11 360,714.23
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	200,000.00 200,000.00	205,000.00 205,000.00	250,100.00 250,100.00	300,595.19 300,595.19	20.00% 60,119.04	360,714.23 360,714.23
9090113 Dust Control	60.00	DAY	Subcontractor - Excavation - Earth ND	500.00 30,000.00	500.00 30,000.00	610.00 36,600.00	733.16 43,989.54	8,797.91	879.79 52,787.45
USR BARR Dust Control	60.00	DAY	Subcontractor - Excavation - Earth ND	500.00 30,000.00	500.00 30,000.00	610.00 36,600.00	733.16 43,989.54	20.00% 8,797.91	879.79 52,787.45
9090114 Topsoil Placement	183,802.00	BCY	Subcontractor - Excavation - Earth ND	1.13 207,419.96	1.16 213,873.38	1.42 260,925.52	1.71 313,606.38	62,721.28	2.05 376,327.66
USR BARR Topsoil - Placement from Stockpile	183,802.00	BCY	Subcontractor - Excavation - Earth ND	1.13 207,419.96	1.16 213,873.38	1.42 260,925.52	1.71 313,606.38	20.00% 62,721.28	2.05 376,327.66
9090115 Site Restoration	115.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 301,551.21	2,750.98 316,362.79	3,356.20 385,962.60	4,033.81 463,888.45	92,777.69	4,840.58 556,666.14

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Seeding	115.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 146,301.21	1,393.48 160,250.29	1,700.05 195,505.35	2,043.29 234,977.88	20.00% 46,995.58	2,451.94 281,973.45
USR BARR Straw Mulch and Disk Anchoring	115.00	ACR	Subcontractor - Excavation - Earth ND	400.00 46,000.00	405.00 46,575.00	494.10 56,821.50	593.86 68,293.76	20.00% 13,658.75	712.63 81,952.51
USR BARR Vegetation Establishment and Maintenance	115.00	ACR	Subcontractor - Excavation - Earth ND	950.00 109,250.00	952.50 109,537.50	1,162.05 133,635.75	1,396.67 160,616.81	20.00% 32,123.36	1,676.00 192,740.17
9090116 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	40,926.79 40,926.79	44,251.70 44,251.70	53,987.08 53,987.08	64,887.07 64,887.07	12,977.41	77,864.48 77,864.48
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	2,000.00	LF	Subcontractor - Excavation - Earth ND	16.70 33,394.03	18.17 36,339.71	22.17 44,334.44	26.64 53,285.57	20.00% 10,657.11	31.97 63,942.68
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	4.00	EA	Subcontractor - Excavation - Earth ND	883.19 3,532.76	946.75 3,786.99	1,155.03 4,620.13	1,388.23 5,552.94	20.00% 1,110.59	1,665.88 6,663.52
9090117 Snow Removal	640.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,527.00	111.70 71,489.68	136.28 87,217.41	163.79 104,826.61	20,965.32	196.55 125,791.93
USR BARR Snow Removal	640.00	HR	Subcontractor - Excavation - Earth ND	102.39 65,527.00	111.70 71,489.68	136.28 87,217.41	163.79 104,826.61	20.00% 20,965.32	196.55 125,791.93

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9090118 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	<i>20,236.31</i> 20,236.31	<i>21,042.53</i> 21,042.53	<i>25,671.89</i> 25,671.89	<i>30,855.04</i> 30,855.04	6,171.01	<i>37,026.05</i> 37,026.05
901081301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	0.00	<i>0.00</i> 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.95</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.38</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
901081302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	0.00	<i>0.00</i> 0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.27</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.65</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00</i> 0.00	<i>0.00%</i> 0.00	<i>0.00</i> 0.00
				<i>0.38</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00%</i>	<i>0.00</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
901081303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	6,824.00	BCY	Subcontractor - Excavation - Earth ND	20,236.31	21,042.53	25,671.89	30,855.04	6,171.01	37,026.05
				2.97	3.08	3.76	4.52		5.43
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	6,824.00	BCY	Subcontractor - Excavation - Earth ND	6,503.88	6,621.55	8,078.29	9,709.29	1,941.86	11,651.15
				0.95	0.97	1.18	1.42	20.00%	1.71
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	6,824.00	BCY	Subcontractor - Excavation - Earth ND	6,715.85	7,075.29	8,631.85	10,374.62	2,074.92	12,449.54
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	6,824.00	BCY	Subcontractor - Excavation - Earth ND	4,437.36	4,553.05	5,554.72	6,676.22	1,335.24	8,011.46
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	6,824.00	BCY	Subcontractor - Excavation - Earth ND	2,579.22	2,792.65	3,407.03	4,094.91	818.98	4,913.89
				0.38	0.41	0.50	0.60	20.00%	0.72
901081304 Excavation and Embankment - Channel - Type 4 Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00		0.00
USR BARR Earthwork - Type 4 Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.53	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.23	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 4 Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9090119 Lower Bank Protection	6,519.00	CY	Subcontractor - Excavation - Earth ND	91.77 598,279.32	96.37 628,215.31	117.57 766,422.68	141.30 921,163.41	184,232.68	169.57 1,105,396.10
USR BARR Lower Bank Protection Riprap - Furnish and Install	6,519.00	CY	Subcontractor - Excavation - Earth ND	78.14 509,391.32	82.05 534,882.91	100.10 652,557.15	120.31 784,308.44	20.00% 156,861.69	144.37 941,170.12
USR BARR Lower Bank Protection Geotextile - Furnish and Install	22,222.00	SY	Subcontractor - Excavation - Earth ND	4.00 88,888.00	4.20 93,332.40	5.12 113,865.53	6.16 136,854.98	20.00% 27,371.00	7.39 164,225.97
9090120 Low Flow Channel Riprap Protection	306.00	CY	Subcontractor - Excavation - Earth ND	81.73 25,010.68	85.82 26,262.25	104.71 32,039.95	125.85 38,508.81	7,701.76	151.01 46,210.57
USR BARR Grade Control Riprap - Furnish and Install	306.00	CY	Subcontractor - Excavation - Earth ND	78.14 23,910.68	82.05 25,107.25	100.10 30,630.85	120.31 36,815.21	20.00% 7,363.04	144.37 44,178.26
USR BARR Grade Control Geotextile - Furnish and Install	275.00	SY	Subcontractor - Excavation - Earth ND	4.00 1,100.00	4.20 1,155.00	5.12 1,409.10	6.16 1,693.60	20.00% 338.72	7.39 2,032.32
90902 Hydraulic Structure - Maple River - Structure	1.00	EA	Prime - Management (Excavation - Earth) ND	16,377,248.73 16,377,248.73	17,905,316.61 17,905,316.61	22,277,031.88 22,277,031.88	26,774,764.61 26,774,764.61	5,354,952.92	32,129,717.54 32,129,717.54
9090201 Earthwork - Structural	23,417.00	BCY	Subcontractor - Excavation - Earth ND	3.88 90,869.41	4.06 94,975.86	4.95 115,870.55	5.95 139,264.82	27,852.96	7.14 167,117.78
USR BARR Earthwork - Structural Excavation	23,417.00	BCY	Subcontractor - Excavation - Earth ND	0.71 16,626.15	0.72 16,938.47	0.88 20,664.93	1.06 24,837.19	20.00% 4,967.44	1.27 29,804.62

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Structural Haul	23,417.00	BCY	Subcontractor - Excavation - Earth ND	1.29 30,114.10	1.36 31,731.24	1.65 38,712.11	1.99 46,528.08	20.00% 9,305.62	2.38 55,833.70
USR BARR Earthwork - Structural Embankment	23,417.00	BCY	Subcontractor - Excavation - Earth ND	1.88 44,129.17	1.98 46,306.16	2.41 56,493.51	2.90 67,899.55	20.00% 13,579.91	3.48 81,479.46
9090202 Aqueduct Structure and Wingwalls	1.00	EA	Prime - Management (Excavation - Earth) ND	13,492,745.88	14,916,233.17	18,630,350.08	22,391,817.76	4,478,363.55	26,870,181.32
909020201 HP 14X73 Piling	80,802.00	LF	Subcontractor - Pile Driving ND	40.28 3,254,994.01	43.33 3,501,449.59	54.17 4,376,811.99	65.10 5,260,490.33	1,052,098.07	78.12 6,312,588.40
USR BARR HP 14X73 Piling - Furnish Material	80,802.00	LF	Subcontractor - Pile Driving ND	29.93 2,418,403.86	31.43 2,539,324.05	39.28 3,174,155.07	47.21 3,815,016.97	20.00% 763,003.39	56.66 4,578,020.37
USR BARR HP 14X73 Piling - Set up Rig	6.00	EA	Subcontractor - Pile Driving ND	2,406.95 14,441.69	2,816.54 16,899.27	3,520.68 21,124.09	4,231.51 25,389.04	20.00% 5,077.81	5,077.81 30,466.85
USR BARR HP 14X73 Piling - Unload Piles	148.00	EA	Subcontractor - Pile Driving ND	499.37 73,906.91	584.57 86,516.37	730.71 108,145.47	878.24 129,980.04	20.00% 25,996.01	1,053.89 155,976.04
USR BARR HP 14X73 Piling - Weld Splices	218.00	EA	Subcontractor - Pile Driving ND	63.59 13,862.85	79.29 17,284.38	99.11 21,605.47	119.12 25,967.62	20.00% 5,193.52	142.94 31,161.14
USR BARR HP 14X73 Piling - Drive Piling	80,802.00	LF	Subcontractor - Pile Driving ND	7.41 598,419.08	8.67 700,253.72	10.83 875,317.15	13.02 1,052,043.69	20.00% 210,408.74	15.62 1,262,452.42
USR BARR HP 14X73 Piling - Cut Offs	871.00	EA	Subcontractor - Pile Driving ND	18.32 15,959.62	24.31 21,171.80	30.38 26,464.75	36.52 31,807.98	20.00% 6,361.60	43.82 38,169.57
USR HP 14X73 Piling - Pile Test, 52 ft	24.00	EA	Subcontractor - Pile Driving ND	5,000.00 120,000.00	5,000.00 120,000.00	6,250.00 150,000.00	7,511.88 180,285.00	20.00% 36,057.00	9,014.25 216,342.00
909020202 Concrete - Footing	10,260.00	CY	Subcontractor - Concrete ND	153.02 1,570,022.72	163.07 1,673,110.88	203.84 2,091,388.60	244.99 2,513,639.96	502,727.99	293.99 3,016,367.96

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				8.15	9.42	11.78	14.15	20.00%	16.99
USR BARR Concrete - Footing - Form, Strip and Cure	24,808.00	SF	Subcontractor - Concrete ND	202,142.42	233,731.15	292,163.94	351,151.84	70,230.37	421,382.21
				128.00	134.70	168.38	202.38	20.00%	242.85
USR BARR Concrete - Footing - Pour	10,260.00	CY	Subcontractor - Concrete ND	1,313,297.10	1,382,067.37	1,727,584.22	2,076,383.47	415,276.69	2,491,660.16
				106.40	111.72	139.65	167.85	20.00%	201.41
USR BARR Concrete - 5% Waste	513.00	CY	Subcontractor - Concrete ND	54,583.20	57,312.36	71,640.45	86,104.66	17,220.93	103,325.59
909020203 Concrete - Wall	8,068.00	CY	Subcontractor - Concrete ND	2,317,870.80	2,586,452.97	3,233,066.21	3,885,822.28	777,164.46	4,662,986.73
				1.93	2.44	3.05	3.67	20.00%	4.40
USR BARR Concrete - Wall- Build Forms	4,000.00	SF	Subcontractor - Concrete ND	7,730.01	9,758.43	12,198.04	14,660.83	2,932.17	17,592.99
				229.78	280.84	351.05	421.93	20.00%	506.32
USR BARR Concrete - Wall - Assemble and Modify Forms	6.00	EA	Subcontractor - Concrete ND	1,378.66	1,685.05	2,106.31	2,531.58	506.32	3,037.89
				9.19	10.78	13.47	16.19	20.00%	19.43
USR BARR Concrete - Wall - Form, Strip and Cure	131,021.00	SF	Subcontractor - Concrete ND	1,203,473.02	1,412,013.96	1,765,017.45	2,121,374.48	424,274.90	2,545,649.37
				131.50	138.38	172.97	207.90	20.00%	249.48
USR BARR Concrete - Wall - Pour	8,068.00	CY	Subcontractor - Concrete ND	1,060,955.45	1,116,445.18	1,395,556.47	1,677,319.33	335,463.87	2,012,783.19
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	403.40	CY	Subcontractor - Concrete ND	44,333.66	46,550.34	58,187.93	69,936.07	13,987.21	83,923.29
909020204 Concrete - Piers	561.00	CY	Subcontractor - Concrete ND	303,752.39	356,101.13	445,126.41	534,997.43	106,999.49	641,996.92
				4.93	5.44	6.80	8.17	20.00%	9.81
USR BARR Concrete - Pier - Build Forms	2,000.00	SF	Subcontractor - Concrete ND	9,865.00	10,879.22	13,599.02	16,344.66	3,268.93	19,613.60
				229.78	280.84	351.05	421.93	20.00%	506.32

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Pier - Assemble and Modify Forms	2.00	EA	Subcontractor - Concrete ND	459.55	561.68	702.10	843.86	168.77	1,012.63
				12.16	14.29	17.86	21.46	20.00%	25.76
USR BARR Concrete - Pier- Form, Strip and Cure	11,650.00	SF	Subcontractor - Concrete ND	141,708.18	166,431.98	208,039.97	250,043.24	50,008.65	300,051.89
USR BARR Concrete - Pier- Pour	561.00	CY	Subcontractor - Concrete ND	264.95	311.93	389.91	468.63	20.00%	562.36
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	28.05	CY	Subcontractor - Concrete ND	109.90	115.40	144.24	173.37	20.00%	208.04
				3,082.70	3,236.83	4,046.04	4,862.93	972.59	5,835.52
909020205 Concrete - Elevated Deck	1,932.00	CY	Subcontractor - Concrete ND	198.18	217.13	271.41	326.21		391.45
				382,889.44	419,497.15	524,371.43	630,242.03	126,048.41	756,290.43
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	22,270.00	SF	Subcontractor - Concrete ND	5.05	6.00	7.50	9.01	20.00%	10.81
USR BARR Concrete - Elevated Deck - Pour	1,932.00	CY	Subcontractor - Concrete ND	134.49	142.23	177.79	213.69	20.00%	256.42
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	96.60	CY	Subcontractor - Concrete ND	109.90	115.40	144.24	173.37	20.00%	208.04
				10,616.34	11,147.16	13,933.95	16,747.21	3,349.44	20,096.65
909020206 Steel Reinforcement Bars	4,361,982.00	LB	Subcontractor - Steel Erection ND	1.07	1.22	1.52	1.83		2.20
				4,657,345.91	5,315,069.88	6,643,837.35	7,985,228.11	1,597,045.62	9,582,273.73
USR BARR Steel Reinforcement Bars - Furnish and Install	4,361,982.00	LB	Subcontractor - Steel Erection ND	0.81	0.95	1.18	1.42	20.00%	1.71
USR BARR Steel Reinforcement Bars - Hoist	4,361,982.00	LB	Subcontractor - Steel Erection ND	0.26	0.27	0.34	0.41	20.00%	0.49
				1,124,140.49	1,188,156.42	1,485,195.52	1,785,056.50	357,011.30	2,142,067.80
909020207 Bridge Railing	2,400.00	LF	Subcontractor - Steel Erection ND	40.00	41.00	51.25	61.60		73.92
				96,000.00	98,400.00	123,000.00	147,833.70	29,566.74	177,400.44

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Bridge Railing - Furnish and Install	2,400.00	LF	Subcontractor - Steel Erection ND	40.00 96,000.00	41.00 98,400.00	51.25 123,000.00	61.60 147,833.70	20.00% 29,566.74	73.92 177,400.44
909020208 Steel Sheetpile	16,740.00	SF	Subcontractor - Pile Driving ND	25.68 429,966.06	27.96 468,105.58	34.95 585,131.98	42.01 703,270.12	140,654.02	50.41 843,924.15
USR BARR Sheet Piling - Furnish	16,740.00	SF	Subcontractor - Pile Driving ND	17.50 292,950.00	18.38 307,597.50	22.97 384,496.88	27.61 462,126.79	20.00% 92,425.36	33.13 554,552.15
USR BARR Sheet Piling - Unload Sheeting	12.00	EA	Subcontractor - Pile Driving ND	212.33 2,547.91	263.09 3,157.11	328.87 3,946.38	395.26 4,743.16	20.00% 948.63	474.32 5,691.79
USR BARR Sheet Piling - Set up Rig	8.00	EA	Subcontractor - Pile Driving ND	2,406.95 19,255.58	2,816.54 22,532.36	3,520.68 28,165.45	4,231.51 33,852.05	20.00% 6,770.41	5,077.81 40,622.46
USR BARR Sheet Piling - Drive Sheets	718.00	EA	Subcontractor - Pile Driving ND	160.46 115,212.57	187.77 134,818.62	234.71 168,523.27	282.10 202,548.12	20.00% 40,509.62	338.52 243,057.74
USR BARR Sheet Piling - Cut Sheets	0.00	EA	Subcontractor - Pile Driving ND	13.74 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
909020209 Structural Aggregate Backfill	1.00	ECY	Subcontractor - Excavation - Earth ND	479,904.55 479,904.55	498,045.99 498,045.99	607,616.11 607,616.11	730,293.80 730,293.80	146,058.76	876,352.56 876,352.56
USR BARR Structural Aggregate Backfill - Furnish and Install	10,290.00	ECY	Subcontractor - Excavation - Earth ND	23.45 241,300.50	24.04 247,345.88	29.33 301,761.97	35.25 362,687.71	20.00% 72,537.54	42.30 435,225.25
USR BARR Aggregate Base - Class V - Furnish and Install	11,461.00	ECY	Subcontractor - Excavation - Earth ND	20.82 238,604.05	21.87 250,700.11	26.69 305,854.14	32.07 367,606.09	20.00% 73,521.22	38.49 441,127.31
9090203 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	1,053,633.44 1,053,633.44	1,106,420.08 1,106,420.08	1,349,832.49 1,349,832.49	1,622,363.67 1,622,363.67	324,472.73	1,946,836.41 1,946,836.41
				56.82	59.67	72.80	87.50	20.00%	105.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Select Granular Aggregate - Furnish and Install	4,944.00	CY	Subcontractor - Excavation - Earth ND	280,912.05	295,029.21	359,935.63	432,606.63	86,521.33	519,127.96
USR BARR Riprap - Furnish and Install	9,889.00	CY	Subcontractor - Excavation - Earth ND	772,721.39	811,390.87	989,896.86	1,189,757.04	237,951.41	1,427,708.45
9090204 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	1,740,000.00	1,787,687.50	2,180,978.75	2,621,318.36	524,263.67	3,145,582.03
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	51,250.00	62,525.00	75,148.80	15,029.76	90,178.56
USR BARR Ice Control Measure - Furnish and Install	1,000.00	LF	Subcontractor - Excavation - Earth ND	900,000.00	922,500.00	1,125,450.00	1,352,678.36	270,535.67	1,623,214.03
USR BARR Debris Control Measure - Furnish and Install	200.00	LF	Subcontractor - Excavation - Earth ND	180,000.00	184,500.00	225,090.00	270,535.67	54,107.13	324,642.81
USR BARR Debris Picking Measures	1.00	LS	Subcontractor - Excavation - Earth ND	167,500.00	175,875.00	214,567.50	257,888.68	51,577.74	309,466.41
USR BARR Equipment Storage Shed	5,000.00	SF	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	60,119.04	360,714.23
USR BARR Winter Channel Heating Coil System	1.00	LS	Subcontractor - Excavation - Earth ND	75,000.00	76,875.00	93,787.50	112,723.20	22,544.64	135,267.84

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
90903 Hydraulic Structure - Maple River - Weir to Diversion	1.00	EA	Prime - Management (Excavation - Earth) ND	3,397,361.43	3,590,193.68	4,429,148.53	5,323,393.62	1,064,678.72	6,388,072.34
				3,397,361.43	3,590,193.68	4,429,148.53	5,323,393.62		6,388,072.34
9090301 Earthwork - Structural	24,833.00	BCY	Subcontractor - Excavation - Earth ND	96,364.18	100,718.95	122,877.12	147,686.01	29,537.20	177,223.21
				3.88	4.06	4.95	5.95		7.14
USR BARR Earthwork - Structural Excavation	24,833.00	BCY	Subcontractor - Excavation - Earth ND	17,631.51	17,962.72	21,914.52	26,339.06	5,267.81	31,606.87
				0.71	0.72	0.88	1.06	20.00%	1.27
USR BARR Earthwork - Structural Haul	24,833.00	BCY	Subcontractor - Excavation - Earth ND	31,935.06	33,649.99	41,052.99	49,341.58	9,868.32	59,209.90
				1.29	1.36	1.65	1.99	20.00%	2.38
USR BARR Earthwork - Structural Levee Embankment	24,833.00	BCY	Subcontractor - Excavation - Earth ND	46,797.61	49,106.24	59,909.61	72,005.36	14,401.07	86,406.43
				1.88	1.98	2.41	2.90	20.00%	3.48
9090302 Steel Sheetpile	74,160.00	SF	Subcontractor - Pile Driving ND	1,444,854.75	1,536,963.72	1,921,204.65	2,309,095.87	461,819.17	2,770,915.04
				19.48	20.72	25.91	31.14		37.36
USR BARR Sheet Piling - Furnish	74,160.00	SF	Subcontractor - Pile Driving ND	1,297,800.00	1,362,690.00	1,703,362.50	2,047,271.39	409,454.28	2,456,725.67
				17.50	18.38	22.97	27.61	20.00%	33.13
USR BARR Sheet Piling - Unload Sheeting	100.00	EA	Subcontractor - Pile Driving ND	21,232.59	26,309.22	32,886.53	39,526.32	7,905.26	47,431.58
				212.33	263.09	328.87	395.26	20.00%	474.32
USR BARR Sheet Piling - Set up Rig	5.00	EA	Subcontractor - Pile Driving ND	12,034.74	14,082.72	17,603.41	21,157.53	4,231.51	25,389.04
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
USR BARR Sheet Piling - Drive Sheets	680.00	EA	Subcontractor - Pile Driving ND	109,114.97	127,683.37	159,604.21	191,828.30	38,365.66	230,193.96
				160.46	187.77	234.71	282.10	20.00%	338.52
USR BARR Sheet Piling - Cut Sheets	340.00	EA	Subcontractor - Pile Driving ND	4,672.45	6,198.40	7,748.00	9,312.32	1,862.46	11,174.79
				13.74	18.23	22.79	27.39	20.00%	32.87

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9090303 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	<i>1,764,023.22</i> 1,764,023.22	<i>1,852,400.12</i> 1,852,400.12	<i>2,259,928.14</i> 2,259,928.14	<i>2,716,207.63</i> 2,716,207.63	543,241.53	<i>3,259,449.16</i> 3,259,449.16
USR BARR Select Granular Aggregate - Furnish and Install	8,278.00	CY	Subcontractor - Excavation - Earth ND	<i>56.82</i> 470,345.87	<i>59.67</i> 493,982.96	<i>72.80</i> 602,659.21	<i>87.50</i> 724,336.11	<i>20.00%</i> 144,867.22	<i>105.00</i> 869,203.33
USR BARR Riprap - Furnish and Install	16,556.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 1,293,677.36	<i>82.05</i> 1,358,417.16	<i>100.10</i> 1,657,268.93	<i>120.31</i> 1,991,871.53	<i>20.00%</i> 398,374.31	<i>144.37</i> 2,390,245.83
9090304 Concrete - Wall	440.00	CY	Subcontractor - Concrete ND	<i>155.98</i> 68,629.59	<i>166.60</i> 73,303.92	<i>208.25</i> 91,629.91	<i>250.30</i> 110,129.98	22,026.00	<i>300.35</i> 132,155.98
USR BARR Concrete - Wall- Build Forms	400.00	SF	Subcontractor - Concrete ND	<i>1.93</i> 773.00	<i>2.44</i> 975.84	<i>3.05</i> 1,219.80	<i>3.67</i> 1,466.08	<i>20.00%</i> 293.22	<i>4.40</i> 1,759.30
USR BARR Concrete - Wall - Assemble and Modify Forms	1.00	EA	Subcontractor - Concrete ND	<i>229.78</i> 229.78	<i>280.84</i> 280.84	<i>351.05</i> 351.05	<i>421.93</i> 421.93	<i>20.00%</i> 84.39	<i>506.32</i> 506.32
USR BARR Concrete - Wall - Form, Strip and Cure	800.00	SF	Subcontractor - Concrete ND	<i>9.19</i> 7,348.28	<i>10.78</i> 8,621.60	<i>13.47</i> 10,777.00	<i>16.19</i> 12,952.88	<i>20.00%</i> 2,590.58	<i>19.43</i> 15,543.46
USR BARR Concrete - Wall - Pour	440.00	CY	Subcontractor - Concrete ND	<i>131.50</i> 57,860.73	<i>138.38</i> 60,886.95	<i>172.97</i> 76,108.68	<i>207.90</i> 91,475.03	<i>20.00%</i> 18,295.01	<i>249.48</i> 109,770.03
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	22.00	CY	Subcontractor - Concrete ND	<i>109.90</i> 2,417.80	<i>115.40</i> 2,538.69	<i>144.24</i> 3,173.36	<i>173.37</i> 3,814.06	<i>20.00%</i> 762.81	<i>208.04</i> 4,576.88
9090305 Steel Reinforcement Bars	22,000.00	LB	Subcontractor - Steel Erection ND	<i>1.07</i> 23,489.69	<i>1.22</i> 26,806.97	<i>1.52</i> 33,508.72	<i>1.83</i> 40,274.13	8,054.83	<i>2.20</i> 48,328.95
USR BARR Steel Reinforcement Bars - Furnish and Install	22,000.00	LB	Subcontractor - Steel Erection ND	<i>0.81</i> 17,820.00	<i>0.95</i> 20,814.41	<i>1.18</i> 26,018.02	<i>1.42</i> 31,271.05	<i>20.00%</i> 6,254.21	<i>1.71</i> 37,525.27

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				0.26	0.27	0.34	0.41	20.00%	0.49
USR BARR Steel Reinforcement Bars - Hoist	22,000.00	LB	Subcontractor - Steel Erection ND	5,669.69	5,992.56	7,490.70	9,003.07	1,800.61	10,803.69
910 Hydraulic Structure - Lower Rush River	1.00	EA	Prime - Management (Excavation - Earth) ND	10,933,815.44	11,632,769.18	14,357,517.03	17,256,299.72	3,451,259.94	20,707,559.67
91001 Hydraulic Structure - Lower Rush River - Site work	1.00	EA	Prime - Management (Excavation - Earth) ND	3,914,626.91	4,071,905.58	4,967,724.81	5,970,708.44	1,194,141.69	7,164,850.13
9100101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	24,000.00	24,000.00	29,280.00	35,191.63	7,038.33	42,229.96
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	24,000.00	24,000.00	29,280.00	35,191.63	7,038.33	42,229.96
9100102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	100,021.15	105,949.24	129,258.08	155,355.28	31,071.06	186,426.34
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	1,500.00	LF	Subcontractor - Excavation - Earth ND	3,798.94	4,566.68	5,571.35	6,696.21	1,339.24	8,035.45
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	12,100.00	SY	Subcontractor - Excavation - Earth ND	76,350.03	81,798.84	99,794.58	119,943.11	23,988.62	143,931.73
USR BARR Temporary Sedimentation Basins	6,700.00	BCY	Subcontractor - Excavation - Earth ND	19,872.18	19,583.72	23,892.14	28,715.96	5,743.19	34,459.16
USR BARR Floating Silt Curtain	0.00	LF	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9100103 Clearing and Grubbing	7.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 7,351.95	<i>1,152.69</i> 8,068.83	<i>1,406.28</i> 9,843.97	<i>1,690.21</i> 11,831.47	2,366.29	<i>2,028.25</i> 14,197.76
USR BARR Clearing and Grubbing	7.00	ACR	Subcontractor - Excavation - Earth ND	<i>1,050.28</i> 7,351.95	<i>1,152.69</i> 8,068.83	<i>1,406.28</i> 9,843.97	<i>1,690.21</i> 11,831.47	20.00% 2,366.29	<i>2,028.25</i> 14,197.76
9100104 Strip and Stockpile Topsoil	185,214.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.32</i> 244,409.75	<i>1.35</i> 250,632.38	<i>1.65</i> 305,771.50	<i>1.98</i> 367,506.76	73,501.35	<i>2.38</i> 441,008.12
USR BARR Topsoil - Channel - Strip	185,214.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.73</i> 135,489.20	<i>0.75</i> 138,619.25	<i>0.91</i> 169,115.49	<i>1.10</i> 203,259.91	20.00% 40,651.98	<i>1.32</i> 243,911.89
USR BARR Topsoil - Channel - Stockpile	185,214.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.59</i> 108,920.55	<i>0.60</i> 112,013.12	<i>0.74</i> 136,656.01	<i>0.89</i> 164,246.86	20.00% 32,849.37	<i>1.06</i> 197,096.23
9100105 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	<i>73,196.88</i> 73,196.88	<i>77,980.73</i> 77,980.73	<i>95,136.50</i> 95,136.50	<i>114,344.55</i> 114,344.55	22,868.91	<i>137,213.47</i> 137,213.47
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	3,289.00	BCY	Subcontractor - Excavation - Earth ND	<i>7.85</i> 25,825.40	<i>8.24</i> 27,099.43	<i>10.05</i> 33,061.30	<i>12.08</i> 39,736.38	20.00% 7,947.28	<i>14.50</i> 47,683.65
USR BARR Aggregate Base - Class V - Furnish and Install	1,170.00	ECY	Subcontractor - Excavation - Earth ND	<i>20.82</i> 24,357.97	<i>21.87</i> 25,592.80	<i>26.69</i> 31,223.22	<i>32.07</i> 37,527.19	20.00% 7,505.44	<i>38.49</i> 45,032.63
RSM 312323184600 Hauling, haul road maintenance, includes loading	30.00	DAY	Subcontractor - Excavation - Earth ND	<i>767.12</i> 23,013.50	<i>842.95</i> 25,288.50	<i>1,028.40</i> 30,851.97	<i>1,236.03</i> 37,080.99	20.00% 7,416.20	<i>1,483.24</i> 44,497.18
9100106 Embankment - Temporary Levee	2,667.00	BCY	Subcontractor - Excavation - Earth ND	<i>9.83</i> 26,224.86	<i>10.29</i> 27,453.54	<i>12.56</i> 33,493.31	<i>15.09</i> 40,255.62	8,051.12	<i>18.11</i> 48,306.74

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Excavate	2,667.00	BCY	Subcontractor - Excavation - Earth ND	2,541.17	2,608.13	3,181.92	3,824.35	764.87	4,589.22
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Spoil	2,667.00	BCY	Subcontractor - Excavation - Earth ND	1,734.24	1,779.45	2,170.93	2,609.24	521.85	3,131.09
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Semi Compact and Manage Moisture Content	2,667.00	BCY	Subcontractor - Excavation - Earth ND	1,008.03	1,091.44	1,331.56	1,600.40	320.08	1,920.48
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	2,667.00	BCY	Subcontractor - Excavation - Earth ND	20,941.43	21,974.51	26,808.91	32,221.62	6,444.32	38,665.95
9100107 Excavation and Embankment - Channel Realignment	1.00	BCY	Prime - Management (Excavation - Earth) ND	2,192,331.89	2,281,852.70	2,783,860.29	3,345,921.69	669,184.34	4,015,106.02
				2.82	2.93	3.58	4.30		5.16
910010701 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	178,630.00	BCY	Subcontractor - Excavation - Earth ND	503,355.25	523,576.86	638,763.77	767,730.18	153,546.04	921,276.21
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	178,630.00	BCY	Subcontractor - Excavation - Earth ND	170,202.41	174,687.04	213,118.18	256,146.75	51,229.35	307,376.10
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	178,630.00	BCY	Subcontractor - Excavation - Earth ND	116,155.51	119,183.98	145,404.46	174,761.62	34,952.32	209,713.94
				0.38	0.41	0.50	0.60	20.00%	0.72

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	158,630.00	BCY	Subcontractor - Excavation - Earth ND	59,956.26	64,917.60	79,199.47	95,189.84	19,037.97	114,227.81
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	20,000.00	BCY	Subcontractor - Excavation - Earth ND	157,041.06	164,788.25	201,041.66	241,631.97	48,326.39	289,958.37
910010702 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	155,500.00	BCY	Subcontractor - Excavation - Earth ND	357,439.84	370,144.85	451,576.72	542,750.06	108,550.01	651,300.07
				2.30	2.38	2.90	3.49		4.19
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	155,500.00	BCY	Subcontractor - Excavation - Earth ND	197,551.55	202,756.79	247,363.28	297,305.93	59,461.19	356,767.12
				1.27	1.30	1.59	1.91	20.00%	2.29
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	155,500.00	BCY	Subcontractor - Excavation - Earth ND	101,115.05	103,751.38	126,576.68	152,132.52	30,426.50	182,559.02
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	155,500.00	BCY	Subcontractor - Excavation - Earth ND	58,773.24	63,636.68	77,636.75	93,311.61	18,662.32	111,973.93
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
				7.85	0.00	0.00	0.00	0.00%	0.00
910010703 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	390,749.00	BCY	Subcontractor - Excavation - Earth ND	1,158,751.17	1,204,916.24	1,469,997.82	1,766,790.38	353,358.08	2,120,148.45
				2.97	3.08	3.76	4.52		5.43
				0.95	0.97	1.18	1.42	20.00%	1.71

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	390,749.00	BCY	Subcontractor - Excavation - Earth ND	372,418.82	379,156.35	462,570.74	555,963.78	111,192.76	667,156.53
				0.98	1.04	1.26	1.52	20.00%	1.82
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	390,749.00	BCY	Subcontractor - Excavation - Earth ND	384,556.21	405,137.92	494,268.26	594,061.03	118,812.21	712,873.23
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	390,749.00	BCY	Subcontractor - Excavation - Earth ND	254,087.50	260,712.21	318,068.89	382,287.00	76,457.40	458,744.40
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	390,749.00	BCY	Subcontractor - Excavation - Earth ND	147,688.65	159,909.77	195,089.92	234,478.57	46,895.71	281,374.28
				3.78	3.92	4.79	5.75		6.90
910010704 Excavation and Embankment - Channel - Type 4 Brenna	2,364.00	BCY	Subcontractor - Excavation - Earth ND	8,935.90	9,275.14	11,315.68	13,600.31	2,720.06	16,320.37
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Excavate	2,364.00	BCY	Subcontractor - Excavation - Earth ND	3,606.50	3,671.02	4,478.64	5,382.88	1,076.58	6,459.45
				1.23	1.29	1.58	1.90	20.00%	2.28
USR BARR Earthwork - Type 4 Brenna - Haul	2,364.00	BCY	Subcontractor - Excavation - Earth ND	2,898.68	3,059.40	3,732.47	4,486.05	897.21	5,383.26
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 4 Brenna - Spoil	2,364.00	BCY	Subcontractor - Excavation - Earth ND	1,537.21	1,577.29	1,924.29	2,312.81	462.56	2,775.37
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	2,364.00	BCY	Subcontractor - Excavation - Earth ND	893.50	967.44	1,180.28	1,418.58	283.72	1,702.29
				0.23	0.25	0.30	0.36		0.43
910010705 Excavation and Embankment - Channel	707,243.00	BCY	Subcontractor - Excavation - Earth ND	163,849.73	173,939.60	212,206.31	255,050.76	51,010.15	306,060.92

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Haul from No-Spoil Areas	707,243.00	BCY	Subcontractor - Excavation - Earth ND	0.23 163,849.73	0.25 173,939.60	0.30 212,206.31	0.36 255,050.76	20.00% 51,010.15	0.43 306,060.92
9100108 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	193,393.67 193,393.67	195,498.97 195,498.97	238,508.74 238,508.74	286,663.66 286,663.66	57,332.73	343,996.39 343,996.39
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	15.00	DAY	Subcontractor - Excavation - Earth ND	909.58 13,643.67	1,046.81 15,702.10	1,277.10 19,156.56	1,534.95 23,024.27	20.00% 4,604.85	1,841.94 27,629.12
USR BARR Temporary Storm Sewer Pipe	150.00	LF	Subcontractor - Excavation - Earth ND	25.00 3,750.00	25.31 3,796.88	30.88 4,632.19	37.12 5,567.43	20.00% 1,113.49	44.54 6,680.91
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	176,000.00	176,000.00	214,720.00	258,071.97	51,614.39	309,686.36
9100109 Electrical Utilities	1,600.00	LF	Subcontractor - Excavation - Earth ND	24.00 38,400.00	25.20 40,320.00	30.74 49,190.40	36.95 59,121.94	11,824.39	44.34 70,946.33
USR BARR Electrical Utilities	1,600.00	LF	Subcontractor - Excavation - Earth ND	24.00 38,400.00	25.20 40,320.00	30.74 49,190.40	36.95 59,121.94	20.00% 11,824.39	44.34 70,946.33
9100110 Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Channel Grade Control System	0.00	LS	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
9100111 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	110,000.00 110,000.00	112,750.00 112,750.00	137,555.00 137,555.00	165,327.35 165,327.35	33,065.47	198,392.83 198,392.83

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	0.50	MI	Subcontractor - Excavation - Earth ND	100,000.00 50,000.00	102,500.00 51,250.00	125,050.00 62,525.00	150,297.60 75,148.80	20.00% 15,029.76	180,357.11 90,178.56
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.30	MI	Subcontractor - Excavation - Earth ND	200,000.00 60,000.00	205,000.00 61,500.00	250,100.00 75,030.00	300,595.19 90,178.56	20.00% 18,035.71	360,714.23 108,214.27
9100112 Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	500.00 15,000.00	500.00 15,000.00	610.00 18,300.00	733.16 21,994.77	4,398.95	879.79 26,393.72
USR BARR Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	500.00 15,000.00	500.00 15,000.00	610.00 18,300.00	733.16 21,994.77	20.00% 4,398.95	879.79 26,393.72
9100113 Topsoil Placement	185,214.00	BCY	Subcontractor - Excavation - Earth ND	1.13 209,013.40	1.16 215,516.39	1.42 262,930.00	1.71 316,015.56	63,203.11	2.05 379,218.67
USR BARR Topsoil - Placement from Stockpile	185,214.00	BCY	Subcontractor - Excavation - Earth ND	1.13 209,013.40	1.16 215,516.39	1.42 262,930.00	1.71 316,015.56	20.00% 63,203.11	2.05 379,218.67
9100114 Site Restoration	115.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 301,551.21	2,750.98 316,362.79	3,356.20 385,962.60	4,033.81 463,888.45	92,777.69	4,840.58 556,666.14
USR BARR Seeding	115.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 146,301.21	2,750.98 160,250.29	3,356.20 195,505.35	4,033.81 234,977.88	20.00% 46,995.58	4,840.58 281,973.45
USR BARR Straw Mulch and Disk Anchoring	115.00	ACR	Subcontractor - Excavation - Earth ND	400.00 46,000.00	405.00 46,575.00	494.10 56,821.50	593.86 68,293.76	20.00% 13,658.75	712.63 81,952.51
USR BARR Vegetation Establishment and Maintenance	115.00	ACR	Subcontractor - Excavation - Earth ND	950.00 109,250.00	952.50 109,537.50	1,162.05 133,635.75	1,396.67 160,616.81	20.00% 32,123.36	1,676.00 192,740.17

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9100115 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	22,463.39	24,188.35	29,509.79	35,467.81	7,093.56	42,561.38
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	1,000.00	LF	Subcontractor - Excavation - Earth ND	16,697.01	18,169.85	22,167.22	26,642.78	5,328.56	31,971.34
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	2.00	EA	Subcontractor - Excavation - Earth ND	1,766.38	1,893.50	2,310.07	2,776.47	555.29	3,331.76
9100116 Snow Removal	320.00	HR	Subcontractor - Excavation - Earth ND	32,763.50	35,744.84	43,608.71	52,413.31	10,482.66	62,895.97
USR BARR Snow Removal	320.00	HR	Subcontractor - Excavation - Earth ND	32,763.50	35,744.84	43,608.71	52,413.31	10,482.66	62,895.97
9100117 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	12,897.33	13,386.97	16,332.10	19,629.55	3,925.91	23,555.46
910011701 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
910011702 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1.27	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00%	0.00
910011703 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.98	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				3.78	3.92	4.79	5.75		6.90
910011704 Excavation and Embankment - Channel - Type 4 Brenna	3,412.00	BCY	Subcontractor - Excavation - Earth ND	12,897.33	13,386.97	16,332.10	19,629.55	3,925.91	23,555.46
				1.53	1.55	1.89	2.28	20.00%	2.73
USR BARR Earthwork - Type 4 Brenna - Excavate	3,412.00	BCY	Subcontractor - Excavation - Earth ND	5,205.32	5,298.44	6,464.09	7,769.19	1,553.84	9,323.03
				1.23	1.29	1.58	1.90	20.00%	2.28
USR BARR Earthwork - Type 4 Brenna - Haul	3,412.00	BCY	Subcontractor - Excavation - Earth ND	4,183.72	4,415.68	5,387.13	6,474.79	1,294.96	7,769.75
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 4 Brenna - Spoil	3,412.00	BCY	Subcontractor - Excavation - Earth ND	2,218.68	2,276.53	2,777.36	3,338.11	667.62	4,005.73
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	3,412.00	BCY	Subcontractor - Excavation - Earth ND	1,289.61	1,396.32	1,703.52	2,047.45	409.49	2,456.95
				91.78	96.37	117.57	141.31		169.57
9100118 Lower Bank Protection	3,259.00	CY	Subcontractor - Excavation - Earth ND	299,100.59	314,066.63	383,161.29	460,521.55	92,104.31	552,625.86

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Lower Bank Protection Riprap - Furnish and Install	3,259.00	CY	Subcontractor - Excavation - Earth ND	78.14 254,656.59	82.05 267,400.43	100.10 326,228.52	120.31 392,094.06	20.00% 78,418.81	144.37 470,512.88
USR BARR Lower Bank Protection Geotextile - Furnish and Install	11,111.00	SY	Subcontractor - Excavation - Earth ND	4.00 44,444.00	4.20 46,666.20	5.12 56,932.76	6.16 68,427.49	20.00% 13,685.50	7.39 82,112.99
9100119 Low Flow Channel Riprap Protection	153.00	CY	Subcontractor - Excavation - Earth ND	81.75 12,507.34	85.84 13,133.23	104.72 16,022.54	125.87 19,257.49	3,851.50	151.04 23,108.98
USR BARR Grade Control Riprap - Furnish and Install	153.00	CY	Subcontractor - Excavation - Earth ND	78.14 11,955.34	82.05 12,553.63	100.10 15,315.42	120.31 18,407.61	20.00% 3,681.52	144.37 22,089.13
USR BARR Grade Control Geotextile - Furnish and Install	138.00	SY	Subcontractor - Excavation - Earth ND	4.00 552.00	4.20 579.60	5.12 707.11	6.16 849.88	20.00% 169.98	7.39 1,019.85
91002 Hydraulic Structure - Lower Rush River - Structure	1.00	EA	Prime - Management (Excavation - Earth) ND	7,019,188.53 7,019,188.53	7,560,863.60 7,560,863.60	9,389,792.23 9,389,792.23	11,285,591.28 11,285,591.28	2,257,118.26	13,542,709.53 13,542,709.53
9100201 Earthwork - Structural	6,600.00	BCY	Subcontractor - Excavation - Earth ND	3.88 25,611.23	4.06 26,768.62	4.95 32,657.71	5.95 39,251.30	7,850.26	7.14 47,101.57
USR BARR Earthwork - Structural Excavation	6,600.00	BCY	Subcontractor - Excavation - Earth ND	0.71 4,686.02	0.72 4,774.05	0.88 5,824.34	1.06 7,000.27	20.00% 1,400.05	1.27 8,400.33
USR BARR Earthwork - Structural Haul	6,600.00	BCY	Subcontractor - Excavation - Earth ND	1.29 8,487.55	1.36 8,943.34	1.65 10,910.87	1.99 13,113.78	20.00% 2,622.76	2.38 15,736.53
USR BARR Earthwork - Structural Embankment	6,600.00	BCY	Subcontractor - Excavation - Earth ND	1.88 12,437.65	1.98 13,051.23	2.41 15,922.50	2.90 19,137.25	20.00% 3,827.45	3.48 22,964.70

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9100202 Drop Structure and Walls	1.00	EA	Prime - Management (Excavation - Earth) ND	5,141,190.67 5,141,190.67	5,627,128.67 5,627,128.67	7,030,635.62 7,030,635.62	8,450,120.95 8,450,120.95	1,690,024.19	10,140,145.14 10,140,145.14
910020201 HP 14X73 Piling	59,804.00	LF	Subcontractor - Pile Driving ND	40.01 2,392,623.54	43.10 2,577,823.46	53.88 3,222,279.33	64.76 3,872,857.53	774,571.51	77.71 4,647,429.03
USR BARR HP 14X73 Piling - Furnish Material	59,804.00	LF	Subcontractor - Pile Driving ND	29.93 1,789,933.72	31.43 1,879,430.41	39.28 2,349,288.01	47.21 2,823,609.26	20.00% 564,721.85	56.66 3,388,331.11
USR BARR HP 14X73 Piling - Set up Rig	4.00	EA	Subcontractor - Pile Driving ND	2,406.95 9,627.79	2,816.54 11,266.18	3,520.68 14,082.72	4,231.51 16,926.03	20.00% 3,385.21	5,077.81 20,311.23
USR BARR HP 14X73 Piling - Unload Piles	110.00	EA	Subcontractor - Pile Driving ND	499.37 54,930.81	584.57 64,302.71	730.71 80,378.39	878.24 96,606.78	20.00% 19,321.36	1,053.89 115,928.14
USR BARR HP 14X73 Piling - Weld Splices	430.00	EA	Subcontractor - Pile Driving ND	63.59 27,344.15	79.29 34,093.04	99.11 42,616.30	119.12 51,220.53	20.00% 10,244.11	142.94 61,464.63
USR BARR HP 14X73 Piling - Drive Piling	59,804.00	LF	Subcontractor - Pile Driving ND	7.41 442,908.03	8.67 518,278.92	10.83 647,848.65	13.02 778,649.30	20.00% 155,729.86	15.62 934,379.16
USR BARR HP 14X73 Piling - Cut Offs	430.00	EA	Subcontractor - Pile Driving ND	18.32 7,879.03	24.31 10,452.21	30.38 13,065.26	36.52 15,703.14	20.00% 3,140.63	43.82 18,843.76
USR HP 14X73 Piling - Pile Test, 52 ft	12.00	EA	Subcontractor - Pile Driving ND	5,000.00 60,000.00	5,000.00 60,000.00	6,250.00 75,000.00	7,511.88 90,142.50	20.00% 18,028.50	9,014.25 108,171.00
910020202 Concrete - Footing	5,890.00	CY	Subcontractor - Concrete ND	149.92 883,043.92	159.49 939,369.83	199.36 1,174,212.29	239.61 1,411,285.76	282,257.15	287.53 1,693,542.91
USR BARR Concrete - Footing - Form, Strip and Cure	12,000.00	SF	Subcontractor - Concrete ND	8.15 97,779.31	9.42 113,059.25	11.78 141,324.06	14.15 169,857.39	20.00% 33,971.48	16.99 203,828.86
USR BARR Concrete - Footing - Pour	5,890.00	CY	Subcontractor - Concrete ND	128.00 753,929.82	134.70 793,409.05	168.38 991,761.31	202.38 1,191,997.92	20.00% 238,399.58	242.85 1,430,397.50

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - 5% Waste	294.50	CY	Subcontractor - Concrete ND	106.40 31,334.80	111.72 32,901.54	139.65 41,126.93	167.85 49,430.45	20.00% 9,886.09	201.41 59,316.54
910020203 Concrete - Wall	2,057.00	CY	Subcontractor - Concrete ND	321.79 661,914.75	362.55 745,756.25	453.18 932,195.31	544.68 1,120,405.54	224,081.11	653.62 1,344,486.65
USR BARR Concrete - Wall- Build Forms	18,677.00	SF	Subcontractor - Concrete ND	1.93 36,093.33	2.44 45,564.57	3.05 56,955.71	3.67 68,455.07	20.00% 13,691.01	4.40 82,146.08
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	229.78 919.11	280.84 1,123.37	351.05 1,404.21	421.93 1,687.72	20.00% 337.54	506.32 2,025.26
USR BARR Concrete - Wall - Form, Strip and Cure	37,353.00	SF	Subcontractor - Concrete ND	9.19 343,100.17	10.78 402,553.47	13.47 503,191.83	16.19 604,786.26	20.00% 120,957.25	19.43 725,743.52
USR BARR Concrete - Wall - Pour	2,057.00	CY	Subcontractor - Concrete ND	131.50 270,498.93	138.38 284,646.47	172.97 355,808.09	207.90 427,645.74	20.00% 85,529.15	249.48 513,174.89
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	102.85	CY	Subcontractor - Concrete ND	109.90 11,303.22	115.40 11,868.38	144.24 14,835.47	173.37 17,830.75	20.00% 3,566.15	208.04 21,396.90
910020204 Steel Reinforcement Bars	1,029,960.00	LB	Subcontractor - Steel Erection ND	1.07 1,099,701.92	1.22 1,255,005.04	1.52 1,568,756.29	1.83 1,885,488.19	377,097.64	2,262,585.83
USR BARR Steel Reinforcement Bars - Furnish and Install	1,029,960.00	LB	Subcontractor - Steel Erection ND	0.81 834,267.60	0.95 974,455.14	1.18 1,218,068.93	1.42 1,463,997.04	20.00% 292,799.41	1.71 1,756,796.45
USR BARR Steel Reinforcement Bars - Hoist	1,029,960.00	LB	Subcontractor - Steel Erection ND	0.26 265,434.32	0.27 280,549.89	0.34 350,687.37	0.41 421,491.15	20.00% 84,298.23	0.49 505,789.37
910020205 Bridge Railing	1.00	LF	Subcontractor - Steel Erection ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00	0.00 0.00
				40.00	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Bridge Railing - Furnish and Install	0.00	LF	Subcontractor - Steel Erection ND	0.00	0.00	0.00	0.00	0.00	0.00
910020206 Structural Aggregate Backfill	4,991.00	CY	Subcontractor - Excavation - Earth ND	<i>20.82</i> 103,906.53	<i>21.87</i> 109,174.09	<i>26.69</i> 133,192.39	<i>32.07</i> 160,083.94	32,016.79	<i>38.49</i> 192,100.72
USR BARR Aggregate Base - Class V - Furnish and Install	4,991.00	ECY	Subcontractor - Excavation - Earth ND	103,906.53	109,174.09	133,192.39	160,083.94	32,016.79	192,100.72
9100203 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	<i>319,646.63</i> 319,646.63	<i>335,660.81</i> 335,660.81	<i>409,506.19</i> 409,506.19	<i>492,185.49</i> 492,185.49	98,437.10	<i>590,622.58</i> 590,622.58
USR BARR Select Granular Aggregate - Furnish and Install	1,500.00	CY	Subcontractor - Excavation - Earth ND	<i>56.82</i> 85,228.17	<i>59.67</i> 89,511.29	<i>72.80</i> 109,203.77	<i>87.50</i> 131,252.01	<i>20.00%</i> 26,250.40	<i>105.00</i> 157,502.42
USR BARR Riprap - Furnish and Install	3,000.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 234,418.46	<i>82.05</i> 246,149.52	<i>100.10</i> 300,302.42	<i>120.31</i> 360,933.47	<i>20.00%</i> 72,186.69	<i>144.37</i> 433,120.17
9100204 Fish Passage System	1.00	EA	Subcontractor - Excavation - Earth ND	<i>1,215,240.00</i> 1,215,240.00	<i>1,245,868.00</i> 1,245,868.00	<i>1,519,958.96</i> 1,519,958.96	<i>1,826,838.67</i> 1,826,838.67	365,367.73	<i>2,192,206.41</i> 2,192,206.41
USR BARR Fish Passage System - Furnish and Install	104,000.00	SF	Subcontractor - Excavation - Earth ND	<i>11.69</i> 1,215,240.00	<i>11.98</i> 1,245,868.00	<i>14.61</i> 1,519,958.96	<i>17.57</i> 1,826,838.67	<i>20.00%</i> 365,367.73	<i>21.08</i> 2,192,206.41
9100205 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	<i>317,500.00</i> 317,500.00	<i>325,437.50</i> 325,437.50	<i>397,033.75</i> 397,033.75	<i>477,194.86</i> 477,194.86	95,438.97	<i>572,633.84</i> 572,633.84
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	51,250.00	62,525.00	75,148.80	15,029.76	90,178.56
USR BARR Debris Picking Measures	0.00	LS	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Equipment Storage Shed	2,500.00	SF	Subcontractor - Excavation - Earth ND	40.00 100,000.00	41.00 102,500.00	50.02 125,050.00	60.12 150,297.60	20.00% 30,059.52	72.14 180,357.11
911 Hydraulic Structure - Rush River	1.00	EA	Prime - Management (Excavation - Earth) ND	10,877,729.70	11,597,768.87	14,323,273.75	17,215,142.72	3,443,028.54	20,658,171.26
91101 Hydraulic Structure - Rush River - Site work	1.00	EA	Prime - Management (Excavation - Earth) ND	4,023,868.58	4,185,925.65	5,106,829.29	6,137,898.12	1,227,579.62	7,365,477.74
9110101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	20,000.00	20,000.00	24,400.00	29,326.36	5,865.27	35,191.63
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	20,000.00	20,000.00	24,400.00	29,326.36	5,865.27	35,191.63
9110102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	100,021.15	105,949.24	129,258.08	155,355.28	31,071.06	186,426.34
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	1,500.00	LF	Subcontractor - Excavation - Earth ND	2.53 3,798.94	3.04 4,566.68	3.71 5,571.35	4.46 6,696.21	20.00% 1,339.24	5.36 8,035.45
				6.31	6.76	8.25	9.91	20.00%	11.90

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	12,100.00	SY	Subcontractor - Excavation - Earth ND	76,350.03	81,798.84	99,794.58	119,943.11	23,988.62	143,931.73
				2.97	2.92	3.57	4.29	20.00%	5.14
USR BARR Temporary Sedimentation Basins	6,700.00	BCY	Subcontractor - Excavation - Earth ND	19,872.18	19,583.72	23,892.14	28,715.96	5,743.19	34,459.16
USR BARR Floating Silt Curtain	0.00	LF	Subcontractor - Excavation - Earth ND	8.50 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9110103 Clearing and Grubbing	7.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 7,351.95	1,152.69 8,068.83	1,406.28 9,843.97	1,690.21 11,831.47	2,366.29	2,028.25 14,197.76
USR BARR Clearing and Grubbing	7.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 7,351.95	1,152.69 8,068.83	1,406.28 9,843.97	1,690.21 11,831.47	20.00% 2,366.29	2,028.25 14,197.76
9110104 Strip and Stockpile Topsoil	186,054.00	BCY	Subcontractor - Excavation - Earth ND	1.32 245,518.22	1.35 251,769.07	1.65 307,158.26	1.98 369,173.52	73,834.70	2.38 443,008.22
USR BARR Topsoil - Channel - Strip	186,054.00	BCY	Subcontractor - Excavation - Earth ND	0.73 136,103.69	0.75 139,247.93	0.91 169,882.48	1.10 204,181.75	20.00% 40,836.35	1.32 245,018.10
USR BARR Topsoil - Channel - Stockpile	186,054.00	BCY	Subcontractor - Excavation - Earth ND	0.59 109,414.53	0.60 112,521.13	0.74 137,275.78	0.89 164,991.76	20.00% 32,998.35	1.06 197,990.12
9110105 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	179,851.18 179,851.18	189,967.10 189,967.10	231,759.87 231,759.87	278,552.18 278,552.18	55,710.44	334,262.62 334,262.62
USR BARR Earthwork - Type 1 Non-Saturated Non -Brenna - Levee Embankment	10,278.00	BCY	Subcontractor - Excavation - Earth ND	7.85 80,703.40	8.24 84,684.68	10.05 103,315.31	12.08 124,174.67	20.00% 24,834.93	14.50 149,009.61

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Aggregate Base - Class V - Furnish and Install	3,657.00	ECY	Subcontractor - Excavation - Earth ND	20.82 76,134.28	21.87 79,993.92	26.69 97,592.58	32.07 117,296.52	20.00% 23,459.30	38.49 140,755.83
RSM 312323184600 Hauling, haul road maintenance, includes loading	30.00	DAY	Subcontractor - Excavation - Earth ND	767.12 23,013.50	842.95 25,288.50	1,028.40 30,851.97	1,236.03 37,080.99	20.00% 7,416.20	1,483.24 44,497.18
9110106 Embankment - Temporary Levee	2,667.00	BCY	Subcontractor - Excavation - Earth ND	9.83 26,224.86	10.29 27,453.54	12.56 33,493.31	15.09 40,255.62	8,051.12	18.11 48,306.74
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate	2,667.00	BCY	Subcontractor - Excavation - Earth ND	0.95 2,541.17	0.98 2,608.13	1.19 3,181.92	1.43 3,824.35	20.00% 764.87	1.72 4,589.22
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	2,667.00	BCY	Subcontractor - Excavation - Earth ND	0.65 1,734.24	0.67 1,779.45	0.81 2,170.93	0.98 2,609.24	20.00% 521.85	1.17 3,131.09
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	2,667.00	BCY	Subcontractor - Excavation - Earth ND	0.38 1,008.03	0.41 1,091.44	0.50 1,331.56	0.60 1,600.40	20.00% 320.08	0.72 1,920.48
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	2,667.00	BCY	Subcontractor - Excavation - Earth ND	7.85 20,941.43	8.24 21,974.51	10.05 26,808.91	12.08 32,221.62	20.00% 6,444.32	14.50 38,665.95
9110107 Excavation and Embankment - Channel Realignment	1.00	BCY	Prime - Management (Excavation - Earth) ND	2,108,542.84 2,108,542.84	2,193,036.28 2,193,036.28	2,675,504.26 2,675,504.26	3,215,688.57 3,215,688.57	643,137.71	3,858,826.28 3,858,826.28
907010901 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	233,197.00	BCY	Subcontractor - Excavation - Earth ND	2.62 611,454.74	2.73 635,678.06	3.33 775,527.24	4.00 932,106.19	186,421.24	4.80 1,118,527.42

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	233,197.00	BCY	Subcontractor - Excavation - Earth ND	0.95 222,194.99	0.98 228,049.56	1.19 278,220.46	1.43 334,393.17	20.00% 66,878.63	1.72 401,271.81
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	233,197.00	BCY	Subcontractor - Excavation - Earth ND	0.65 151,638.12	0.67 155,591.71	0.81 189,821.88	0.98 228,146.92	20.00% 45,629.38	1.17 273,776.31
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	213,197.00	BCY	Subcontractor - Excavation - Earth ND	0.38 80,580.57	0.41 87,248.55	0.50 106,443.23	0.60 127,934.12	20.00% 25,586.82	0.72 153,520.94
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	20,000.00	BCY	Subcontractor - Excavation - Earth ND	7.85 157,041.06	8.24 164,788.25	10.05 201,041.66	12.08 241,631.97	20.00% 48,326.39	14.50 289,958.37
907010902 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	200,327.00	BCY	Subcontractor - Excavation - Earth ND	2.30 460,481.35	2.38 476,848.92	2.90 581,755.69	3.49 699,212.16	139,842.43	4.19 839,054.59
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	200,327.00	BCY	Subcontractor - Excavation - Earth ND	1.27 254,501.02	1.30 261,206.81	1.59 318,672.31	1.91 383,012.25	20.00% 76,602.45	2.29 459,614.70
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	200,327.00	BCY	Subcontractor - Excavation - Earth ND	0.65 130,264.15	0.67 133,660.47	0.81 163,065.77	0.98 195,988.75	20.00% 39,197.75	1.17 235,186.50
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	200,327.00	BCY	Subcontractor - Excavation - Earth ND	0.38 75,716.18	0.41 81,981.64	0.50 100,017.60	0.60 120,211.15	20.00% 24,042.23	0.72 144,253.39
				7.85	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				2.97	3.08	3.76	4.52		5.43
907010903 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	150,290.00	BCY	Subcontractor - Excavation - Earth ND	445,679.23	463,435.25	565,391.01	679,543.45	135,908.69	815,452.15
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	150,290.00	BCY	Subcontractor - Excavation - Earth ND	0.95 143,239.84	0.97 145,831.23	1.18 177,914.10	1.42 213,834.96	20.00% 42,766.99	1.71 256,601.95
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	150,290.00	BCY	Subcontractor - Excavation - Earth ND	0.98 147,908.13	1.04 155,824.27	1.26 190,105.61	1.52 228,487.93	20.00% 45,697.59	1.82 274,185.52
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	150,290.00	BCY	Subcontractor - Excavation - Earth ND	0.65 97,727.21	0.67 100,275.21	0.81 122,335.75	0.98 147,035.34	20.00% 29,407.07	1.17 176,442.41
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	150,290.00	BCY	Subcontractor - Excavation - Earth ND	0.38 56,804.05	0.41 61,504.54	0.50 75,035.54	0.60 90,185.22	20.00% 18,037.04	0.72 108,222.26
907010904 Excavation and Embankment - Channel - Type 4 Brenna	114,742.00	BCY	Subcontractor - Excavation - Earth ND	3.78 433,723.82	3.92 450,189.73	4.79 549,231.47	5.75 660,121.30	132,024.26	6.90 792,145.56
USR BARR Earthwork - Type 4 Brenna - Excavate	114,742.00	BCY	Subcontractor - Excavation - Earth ND	1.53 175,049.65	1.55 178,180.90	1.89 217,380.70	2.28 261,269.87	20.00% 52,253.97	2.73 313,523.84
USR BARR Earthwork - Type 4 Brenna - Haul	114,742.00	BCY	Subcontractor - Excavation - Earth ND	1.23 140,694.09	1.29 148,494.74	1.58 181,163.58	1.90 217,740.50	20.00% 43,548.10	2.28 261,288.61
USR BARR Earthwork - Type 4 Brenna - Spoil	114,742.00	BCY	Subcontractor - Excavation - Earth ND	0.65 74,611.86	0.67 76,557.18	0.81 93,399.75	0.98 112,257.17	20.00% 22,451.43	1.17 134,708.60

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	114,742.00	BCY	Subcontractor - Excavation - Earth ND	0.38 43,368.23	0.41 46,956.91	0.50 57,287.43	0.60 68,853.77	20.00% 13,770.75	0.72 82,624.52
907010905 Excavation and Embankment - Channel	678,556.00	BCY	Subcontractor - Excavation - Earth ND	0.23 157,203.70	0.25 166,884.31	0.30 203,598.86	0.36 244,705.46	48,941.09	0.43 293,646.56
USR BARR Earthwork - Haul from No-Spoil Areas	678,556.00	BCY	Subcontractor - Excavation - Earth ND	0.23 157,203.70	0.25 166,884.31	0.30 203,598.86	0.36 244,705.46	20.00% 48,941.09	0.43 293,646.56
9110108 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	193,393.67 193,393.67	195,498.97 195,498.97	238,508.74 238,508.74	286,663.66 286,663.66	57,332.73	343,996.39 343,996.39
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	15.00	DAY	Subcontractor - Excavation - Earth ND	909.58 13,643.67	1,046.81 15,702.10	1,277.10 19,156.56	1,534.95 23,024.27	20.00% 4,604.85	1,841.94 27,629.12
USR BARR Temporary Storm Sewer Pipe	150.00	LF	Subcontractor - Excavation - Earth ND	25.00 3,750.00	25.31 3,796.88	30.88 4,632.19	37.12 5,567.43	20.00% 1,113.49	44.54 6,680.91
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	176,000.00	176,000.00	214,720.00	258,071.97	51,614.39	309,686.36
9110109 Electrical Utilities	5,280.00	LF	Subcontractor - Excavation - Earth ND	24.00 126,720.00	25.20 133,056.00	30.74 162,328.32	36.95 195,102.41	39,020.48	44.34 234,122.89
USR BARR Electrical Utilities	5,280.00	LF	Subcontractor - Excavation - Earth ND	24.00 126,720.00	25.20 133,056.00	30.74 162,328.32	36.95 195,102.41	20.00% 39,020.48	44.34 234,122.89
9110110 Channel Grade Control System	1.00	LS	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Channel Grade Control System	0.00	LS	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
9110111 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	110,000.00	112,750.00	137,555.00	165,327.35	33,065.47	198,392.83
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	0.50	MI	Subcontractor - Excavation - Earth ND	100,000.00 50,000.00	102,500.00 51,250.00	125,050.00 62,525.00	150,297.60 75,148.80	20.00% 15,029.76	180,357.11 90,178.56
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.30	MI	Subcontractor - Excavation - Earth ND	200,000.00 60,000.00	205,000.00 61,500.00	250,100.00 75,030.00	300,595.19 90,178.56	20.00% 18,035.71	360,714.23 108,214.27
9110112 Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	500.00 15,000.00	500.00 15,000.00	610.00 18,300.00	733.16 21,994.77	4,398.95	879.79 26,393.72
USR BARR Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	500.00 15,000.00	500.00 15,000.00	610.00 18,300.00	733.16 21,994.77	20.00% 4,398.95	879.79 26,393.72
9110113 Topsoil Placement	186,054.00	BCY	Subcontractor - Excavation - Earth ND	1.13 209,961.34	1.16 216,493.82	1.42 264,122.46	1.71 317,448.78	63,489.76	2.05 380,938.54
USR BARR Topsoil - Placement from Stockpile	186,054.00	BCY	Subcontractor - Excavation - Earth ND	1.13 209,961.34	1.16 216,493.82	1.42 264,122.46	1.71 317,448.78	20.00% 63,489.76	2.05 380,938.54
9110114 Site Restoration	115.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 301,551.21	2,750.98 316,362.79	3,356.20 385,962.60	4,033.81 463,888.45	92,777.69	4,840.58 556,666.14
USR BARR Seeding	115.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 146,301.21	2,750.98 160,250.29	3,356.20 195,505.35	4,033.81 234,977.88	20.00% 46,995.58	4,840.58 281,973.45
				400.00	405.00	494.10	593.86	20.00%	712.63

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Straw Mulch and Disk Anchoring	115.00	ACR	Subcontractor - Excavation - Earth ND	46,000.00	46,575.00	56,821.50	68,293.76	13,658.75	81,952.51
				950.00	952.50	1,162.05	1,396.67	20.00%	1,676.00
USR BARR Vegetation Establishment and Maintenance	115.00	ACR	Subcontractor - Excavation - Earth ND	109,250.00	109,537.50	133,635.75	160,616.81	32,123.36	192,740.17
9110115 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	22,463.39	24,188.35	29,509.79	35,467.81	7,093.56	42,561.38
				22,463.39	24,188.35	29,509.79	35,467.81		42,561.38
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
				16.70	18.17	22.17	26.64	20.00%	31.97
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	1,000.00	LF	Subcontractor - Excavation - Earth ND	16,697.01	18,169.85	22,167.22	26,642.78	5,328.56	31,971.34
				883.19	946.75	1,155.03	1,388.23	20.00%	1,665.88
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	2.00	EA	Subcontractor - Excavation - Earth ND	1,766.38	1,893.50	2,310.07	2,776.47	555.29	3,331.76
				102.39	111.70	136.28	163.79		196.55
9110116 Snow Removal	320.00	HR	Subcontractor - Excavation - Earth ND	32,763.50	35,744.84	43,608.71	52,413.31	10,482.66	62,895.97
				102.39	111.70	136.28	163.79	20.00%	196.55
USR BARR Snow Removal	320.00	HR	Subcontractor - Excavation - Earth ND	32,763.50	35,744.84	43,608.71	52,413.31	10,482.66	62,895.97
				12,897.33	13,386.97	16,332.10	19,629.55		23,555.46
9110117 Excavation and Embankment - Channel - Lower Bank Protection Riprap Excavation	1.00	BCY	Subcontractor - Excavation - Earth ND	12,897.33	13,386.97	16,332.10	19,629.55	3,925.91	23,555.46

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901081301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
901081302 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	1.27 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
901081303 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.98 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
901081304 Excavation and Embankment - Channel - Type 4 Brenna	3,412.00	BCY	Subcontractor - Excavation - Earth ND	3.78 12,897.33	3.92 13,386.97	4.79 16,332.10	5.75 19,629.55	3,925.91	6.90 23,555.46
USR BARR Earthwork - Type 4 Brenna - Excavate	3,412.00	BCY	Subcontractor - Excavation - Earth ND	1.53 5,205.32	1.55 5,298.44	1.89 6,464.09	2.28 7,769.19	20.00% 1,553.84	2.73 9,323.03
USR BARR Earthwork - Type 4 Brenna - Haul	3,412.00	BCY	Subcontractor - Excavation - Earth ND	1.23 4,183.72	1.29 4,415.68	1.58 5,387.13	1.90 6,474.79	20.00% 1,294.96	2.28 7,769.75
USR BARR Earthwork - Type 4 Brenna - Spoil	3,412.00	BCY	Subcontractor - Excavation - Earth ND	0.65 2,218.68	0.67 2,276.53	0.81 2,777.36	0.98 3,338.11	20.00% 667.62	1.17 4,005.73
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	3,412.00	BCY	Subcontractor - Excavation - Earth ND	0.38 1,289.61	0.41 1,396.32	0.50 1,703.52	0.60 2,047.45	20.00% 409.49	0.72 2,456.95

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9110118 Lower Bank Protection	3,259.00	CY	Subcontractor - Excavation - Earth ND	<i>91.78</i> 299,100.59	<i>96.37</i> 314,066.63	<i>117.57</i> 383,161.29	<i>141.31</i> 460,521.55	92,104.31	<i>169.57</i> 552,625.86
USR BARR Lower Bank Protection Riprap - Furnish and Install	3,259.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 254,656.59	<i>82.05</i> 267,400.43	<i>100.10</i> 326,228.52	<i>120.31</i> 392,094.06	<i>20.00%</i> 78,418.81	<i>144.37</i> 470,512.88
USR BARR Lower Bank Protection Geotextile - Furnish and Install	11,111.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 44,444.00	<i>4.20</i> 46,666.20	<i>5.12</i> 56,932.76	<i>6.16</i> 68,427.49	<i>20.00%</i> 13,685.50	<i>7.39</i> 82,112.99
9110119 Low Flow Channel Riprap Protection	153.00	CY	Subcontractor - Excavation - Earth ND	<i>81.75</i> 12,507.34	<i>85.84</i> 13,133.23	<i>104.72</i> 16,022.54	<i>125.87</i> 19,257.49	3,851.50	<i>151.04</i> 23,108.98
USR BARR Grade Control Riprap - Furnish and Install	153.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 11,955.34	<i>82.05</i> 12,553.63	<i>100.10</i> 15,315.42	<i>120.31</i> 18,407.61	<i>20.00%</i> 3,681.52	<i>144.37</i> 22,089.13
USR BARR Grade Control Geotextile - Furnish and Install	138.00	SY	Subcontractor - Excavation - Earth ND	<i>4.00</i> 552.00	<i>4.20</i> 579.60	<i>5.12</i> 707.11	<i>6.16</i> 849.88	<i>20.00%</i> 169.98	<i>7.39</i> 1,019.85
91102 Hydraulic Structure - Rush River - Structure	1.00	EA	Prime - Management (Excavation - Earth) ND	<i>6,853,861.12</i> 6,853,861.12	<i>7,411,843.23</i> 7,411,843.23	<i>9,216,444.46</i> 9,216,444.46	<i>11,077,244.60</i> 11,077,244.60	2,215,448.92	<i>13,292,693.52</i> 13,292,693.52
9110201 Earthwork - Structural	7,300.00	BCY	Subcontractor - Excavation - Earth ND	<i>3.88</i> 28,327.57	<i>4.06</i> 29,607.71	<i>4.95</i> 36,121.41	<i>5.95</i> 43,414.32	8,682.86	<i>7.14</i> 52,097.19
USR BARR Earthwork - Structural Excavation	7,300.00	BCY	Subcontractor - Excavation - Earth ND	<i>0.71</i> 5,183.02	<i>0.72</i> 5,280.39	<i>0.88</i> 6,442.07	<i>1.06</i> 7,742.73	<i>20.00%</i> 1,548.55	<i>1.27</i> 9,291.27
USR BARR Earthwork - Structural Haul	7,300.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.29</i> 9,387.75	<i>1.36</i> 9,891.87	<i>1.65</i> 12,068.09	<i>1.99</i> 14,504.63	<i>20.00%</i> 2,900.93	<i>2.38</i> 17,405.56

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Structural Embankment	7,300.00	BCY	Subcontractor - Excavation - Earth ND	1.88 13,756.80	1.98 14,435.45	2.41 17,611.25	2.90 21,166.96	20.00% 4,233.39	3.48 25,400.35
9110202 Drop Structure and Wingwalls	1.00	EA	Prime - Management (Excavation - Earth) ND	5,343,946.32 5,343,946.32	5,854,542.92 5,854,542.92	7,316,538.08 7,316,538.08	8,793,747.12 8,793,747.12	1,758,749.42	10,552,496.54 10,552,496.54
911020201 HP 14X73 Piling	58,177.00	LF	Subcontractor - Pile Driving ND	40.07 2,330,871.25	43.17 2,511,460.34	53.96 3,139,325.43	64.86 3,773,155.23	754,631.05	77.83 4,527,786.28
USR BARR HP 14X73 Piling - Furnish Material	58,177.00	LF	Subcontractor - Pile Driving ND	29.93 1,741,237.61	31.43 1,828,299.49	39.28 2,285,374.36	47.21 2,746,791.45	20.00% 549,358.29	56.66 3,296,149.74
USR BARR HP 14X73 Piling - Set up Rig	4.00	EA	Subcontractor - Pile Driving ND	2,406.95 9,627.79	2,816.54 11,266.18	3,520.68 14,082.72	4,231.51 16,926.03	20.00% 3,385.21	5,077.81 20,311.23
USR BARR HP 14X73 Piling - Unload Piles	107.00	EA	Subcontractor - Pile Driving ND	499.37 53,432.70	584.57 62,549.00	730.71 78,186.25	878.24 93,972.05	20.00% 18,794.41	1,053.89 112,766.46
USR BARR HP 14X73 Piling - Weld Splices	436.00	EA	Subcontractor - Pile Driving ND	63.59 27,725.70	79.29 34,568.75	99.11 43,210.94	119.12 51,935.23	20.00% 10,387.05	142.94 62,322.28
USR BARR HP 14X73 Piling - Drive Piling	58,177.00	LF	Subcontractor - Pile Driving ND	7.41 430,858.48	8.67 504,178.87	10.83 630,223.58	13.02 757,465.72	20.00% 151,493.14	15.62 908,958.87
USR BARR HP 14X73 Piling - Cut Offs	436.00	EA	Subcontractor - Pile Driving ND	18.32 7,988.97	24.31 10,598.05	30.38 13,247.57	36.52 15,922.25	20.00% 3,184.45	43.82 19,106.70
USR HP 14X73 Piling - Pile Test, 52 ft	12.00	EA	Subcontractor - Pile Driving ND	5,000.00 60,000.00	5,000.00 60,000.00	6,250.00 75,000.00	7,511.88 90,142.50	20.00% 18,028.50	9,014.25 108,171.00
911020202 Concrete - Footing	6,335.00	CY	Subcontractor - Concrete ND	148.67 941,817.98	158.04 1,001,158.40	197.55 1,251,448.00	237.43 1,504,115.36	300,823.07	284.92 1,804,938.43
USR BARR Concrete - Footing - Form, Strip and Cure	11,932.00	SF	Subcontractor - Concrete ND	8.15 97,225.22	9.42 112,418.58	11.78 140,523.22	14.15 168,894.86	20.00% 33,778.97	16.99 202,673.83

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				128.00	134.70	168.38	202.38	20.00%	242.85
USR BARR Concrete - Footing - Pour	6,335.00	CY	Subcontractor - Concrete ND	810,890.56	853,352.52	1,066,690.64	1,282,055.49	256,411.10	1,538,466.58
				106.40	111.72	139.65	167.85	20.00%	201.41
USR BARR Concrete - 5% Waste	316.75	CY	Subcontractor - Concrete ND	33,702.20	35,387.31	44,234.14	53,165.01	10,633.00	63,798.01
911020203 Concrete - Wall	2,578.00	CY	Subcontractor - Concrete ND	787,302.89	881,357.91	1,101,697.39	1,324,130.10	264,826.02	1,588,956.11
				1.93	2.44	3.05	3.67	20.00%	4.40
USR BARR Concrete - Wall- Build Forms	2,000.00	SF	Subcontractor - Concrete ND	3,865.00	4,879.22	6,099.02	7,330.41	1,466.08	8,796.50
				229.78	280.84	351.05	421.93	20.00%	506.32
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	919.11	1,123.37	1,404.21	1,687.72	337.54	2,025.26
				9.19	10.78	13.47	16.19	20.00%	19.43
USR BARR Concrete - Wall - Form, Strip and Cure	46,742.00	SF	Subcontractor - Concrete ND	429,341.37	503,738.76	629,673.46	756,804.53	151,360.91	908,165.43
				131.50	138.38	172.97	207.90	20.00%	249.48
USR BARR Concrete - Wall - Pour	2,578.00	CY	Subcontractor - Concrete ND	339,011.30	356,742.15	445,927.69	535,960.49	107,192.10	643,152.59
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	128.90	CY	Subcontractor - Concrete ND	14,166.11	14,874.42	18,593.02	22,346.95	4,469.39	26,816.34
911020204 Steel Reinforcement Bars	1,153,781.00	LB	Subcontractor - Steel Erection ND	1,231,907.24	1,405,880.78	1,757,350.97	2,112,160.13	422,432.03	2,534,592.16
				0.81	0.95	1.18	1.42	20.00%	1.71
USR BARR Steel Reinforcement Bars - Furnish and Install	1,153,781.00	LB	Subcontractor - Steel Erection ND	934,562.61	1,091,603.39	1,364,504.24	1,639,997.64	327,999.53	1,967,997.17
				0.26	0.27	0.34	0.41	20.00%	0.49
USR BARR Steel Reinforcement Bars - Hoist	1,153,781.00	LB	Subcontractor - Steel Erection ND	297,344.63	314,277.39	392,846.73	472,162.49	94,432.50	566,594.98
911020205 Bridge Railing	1.00	LF	Subcontractor - Steel Erection ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Bridge Railing - Furnish and Install	0.00	LF	Subcontractor - Steel Erection ND	40.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
911020206 Structural Aggregate Backfill	2,500.00	CY	Subcontractor - Excavation - Earth ND	20.82 52,046.95	21.87 54,685.48	26.69 66,716.29	32.07 80,186.30	16,037.26	38.49 96,223.56
USR BARR Aggregate Base - Class V - Furnish and Install	2,500.00	ECY	Subcontractor - Excavation - Earth ND	20.82 52,046.95	21.87 54,685.48	26.69 66,716.29	32.07 80,186.30	20.00% 16,037.26	38.49 96,223.56
9110203 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	354,452.24 354,452.24	372,210.60 372,210.60	454,096.93 454,096.93	545,779.10 545,779.10	109,155.82	654,934.92 654,934.92
USR BARR Select Granular Aggregate - Furnish and Install	1,700.00	CY	Subcontractor - Excavation - Earth ND	56.82 96,591.93	59.67 101,446.13	72.80 123,764.27	87.50 148,752.28	20.00% 29,750.46	105.00 178,502.74
USR BARR Riprap - Furnish and Install	3,300.00	CY	Subcontractor - Excavation - Earth ND	78.14 257,860.31	82.05 270,764.47	100.10 330,332.66	120.31 397,026.82	20.00% 79,405.36	144.37 476,432.18
9110204 Fish Passage System	1.00	EA	Subcontractor - Excavation - Earth ND	829,635.00 829,635.00	850,544.50 850,544.50	1,037,664.29 1,037,664.29	1,247,168.71 1,247,168.71	249,433.74	1,496,602.45 1,496,602.45
USR BARR Fish Passage System - Furnish and Install	71,000.00	SF	Subcontractor - Excavation - Earth ND	11.69 829,635.00	11.98 850,544.50	14.61 1,037,664.29	17.57 1,247,168.71	20.00% 249,433.74	21.08 1,496,602.45
9110205 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	297,500.00 297,500.00	304,937.50 304,937.50	372,023.75 372,023.75	447,135.35 447,135.35	89,427.07	536,562.41 536,562.41
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	68,675.00	83,783.50	100,699.39	20,139.88	120,839.27

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	50,000.00	51,250.00	62,525.00	75,148.80	15,029.76	90,178.56
USR BARR Debris Picking Measures	0.00	LS	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Equipment Storage Shed	2,000.00	SF	Subcontractor - Excavation - Earth ND	40.00 80,000.00	41.00 82,000.00	50.02 100,040.00	60.12 120,238.08	20.00% 24,047.62	72.14 144,285.69
912 Hydraulic Structure - Large Drain Structure (1 Structures)	1.00	EA	Prime - Management (Excavation - Earth) ND	273,950.56	301,202.74	373,510.53	448,922.30	224,461.15	673,383.45
91201 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	12,000.00	BCY	Subcontractor - Excavation - Earth ND	1.98 23,772.50	2.05 24,652.53	2.51 30,076.08	3.01 36,148.44	18,074.22	4.52 54,222.66
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	12,000.00	BCY	Subcontractor - Excavation - Earth ND	0.95 11,433.85	0.98 11,735.12	1.19 14,316.85	1.43 17,207.42	50.00% 8,603.71	2.15 25,811.13
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	12,000.00	BCY	Subcontractor - Excavation - Earth ND	0.65 7,803.09	0.67 8,006.54	0.81 9,767.98	0.98 11,740.13	50.00% 5,870.06	1.47 17,610.19
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	12,000.00	BCY	Subcontractor - Excavation - Earth ND	0.38 4,535.56	0.41 4,910.87	0.50 5,991.26	0.60 7,200.90	50.00% 3,600.45	0.90 10,801.34
91202 Concrete - Wall	375.00	CY	Subcontractor - Concrete ND	315.63 118,360.16	354.40 132,898.98	443.00 166,123.73	532.44 199,664.11	99,832.05	798.66 299,496.16
				1.93	2.44	3.05	3.67	50.00%	5.50

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Wall-Build Forms	5,625.00	SF	Subcontractor - Concrete ND	10,870.32	13,722.80	17,153.50	20,616.79	10,308.39	30,925.18
USR BARR Concrete - Wall - Assemble and Modify Forms	1.00	EA	Subcontractor - Concrete ND	229.78	280.84	351.05	421.93	50.00% 210.96	632.89
USR BARR Concrete - Wall - Form, Strip and Cure	5,625.00	SF	Subcontractor - Concrete ND	9.94 55,886.31	11.53 64,839.40	14.41 81,049.25	17.32 97,413.10	50.00% 48,706.55	25.98 146,119.65
USR BARR Concrete - Wall - Pour	375.00	CY	Subcontractor - Concrete ND	131.50 49,313.13	138.38 51,892.28	172.97 64,865.35	207.90 77,961.67	50.00% 38,980.83	311.85 116,942.50
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	18.75	CY	Subcontractor - Concrete ND	109.90 2,060.63	115.40 2,163.66	144.24 2,704.57	173.37 3,250.62	50.00% 1,625.31	260.05 4,875.93
91203 Steel Reinforcement Bars	56,250.00	LB	Subcontractor - Steel Erection ND	1.07 60,058.87	1.22 68,540.56	1.52 85,675.70	1.83 102,973.62	51,486.81	2.75 154,460.43
USR BARR Steel Reinforcement Bars - Furnish and Install	56,250.00	LB	Subcontractor - Steel Erection ND	0.81 45,562.50	0.95 53,218.67	1.18 66,523.34	1.42 79,954.40	50.00% 39,977.20	2.13 119,931.60
USR BARR Steel Reinforcement Bars - Hoist	56,250.00	LB	Subcontractor - Steel Erection ND	0.26 14,496.37	0.27 15,321.89	0.34 19,152.36	0.41 23,019.22	50.00% 11,509.61	0.61 34,528.83
91204 Erosion Protection	1.00	EA	Subcontractor - Excavation - Earth ND	71,759.03 71,759.03	75,110.67 75,110.67	91,635.02 91,635.02	110,136.13 110,136.13	55,068.07	165,204.20 165,204.20
USR BARR Geotextile Fabric - Furnish and Install	1,195.00	SY	Subcontractor - Excavation - Earth ND	8.00 9,560.00	8.20 9,799.00	10.00 11,954.78	12.02 14,368.45	50.00% 7,184.23	18.04 21,552.68
USR BARR Riprap - Furnish and Install	796.00	CY	Subcontractor - Excavation - Earth ND	78.14 62,199.03	82.05 65,311.67	100.10 79,680.24	120.31 95,767.68	50.00% 47,883.84	180.47 143,651.52
				154,621.64	169,465.69	209,975.11	252,369.09		378,553.63

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
913 Hydraulic Structure - Small Drain Structure (2 Structures)	1.00	EA	Prime - Management (Excavation - Earth) ND	154,621.64	169,465.69	209,975.11	252,369.09	126,184.54	378,553.63
				1.98	2.05	2.51	3.01		4.52
91301 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	12,000.00	BCY	Subcontractor - Excavation - Earth ND	23,772.50	24,652.53	30,076.08	36,148.44	18,074.22	54,222.66
				0.95	0.98	1.19	1.43	50.00%	2.15
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	12,000.00	BCY	Subcontractor - Excavation - Earth ND	11,433.85	11,735.12	14,316.85	17,207.42	8,603.71	25,811.13
				0.65	0.67	0.81	0.98	50.00%	1.47
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	12,000.00	BCY	Subcontractor - Excavation - Earth ND	7,803.09	8,006.54	9,767.98	11,740.13	5,870.06	17,610.19
				0.38	0.41	0.50	0.60	50.00%	0.90
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	12,000.00	BCY	Subcontractor - Excavation - Earth ND	4,535.56	4,910.87	5,991.26	7,200.90	3,600.45	10,801.34
				316.16	355.05	443.82	533.42		800.13
91302 Concrete - Wall	200.00	CY	Subcontractor - Concrete ND	63,232.65	71,010.52	88,763.15	106,684.42	53,342.21	160,026.64
				1.93	2.44	3.05	3.67	50.00%	5.50
USR BARR Concrete - Wall-Build Forms	3,000.00	SF	Subcontractor - Concrete ND	5,797.50	7,318.83	9,148.53	10,995.62	5,497.81	16,493.43
				229.78	280.84	351.05	421.93	50.00%	632.89
USR BARR Concrete - Wall - Assemble and Modify Forms	1.00	EA	Subcontractor - Concrete ND	229.78	280.84	351.05	421.93	210.96	632.89
				9.94	11.53	14.41	17.32	50.00%	25.98
USR BARR Concrete - Wall - Form, Strip and Cure	3,000.00	SF	Subcontractor - Concrete ND	29,806.03	34,581.01	43,226.27	51,953.65	25,976.83	77,930.48
				131.50	138.38	172.97	207.90	50.00%	311.85
USR BARR Concrete - Wall - Pour	200.00	CY	Subcontractor - Concrete ND	26,300.33	27,675.88	34,594.86	41,579.56	20,789.78	62,369.34
				109.90	115.40	144.24	173.37	50.00%	260.05

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	10.00	CY	Subcontractor - Concrete ND	1,099.00	1,153.95	1,442.44	1,733.67	866.83	2,600.50
91303 Steel Reinforcement Bars	30,000.00	LB	Subcontractor - Steel Erection ND	32,031.40	36,554.96	45,693.71	54,919.26	27,459.63	82,378.90
				1.07	1.22	1.52	1.83		2.75
USR BARR Steel Reinforcement Bars - Furnish and Install	30,000.00	LB	Subcontractor - Steel Erection ND	24,300.00	28,383.29	35,479.11	42,642.35	50.00%	63,963.52
				0.81	0.95	1.18	1.42	50.00%	2.13
USR BARR Steel Reinforcement Bars - Hoist	30,000.00	LB	Subcontractor - Steel Erection ND	7,731.40	8,171.67	10,214.59	12,276.92	50.00%	18,415.38
				0.26	0.27	0.34	0.41	50.00%	0.61
91304 Erosion Protection	1.00	EA	Subcontractor - Excavation - Earth ND	35,585.10	37,247.69	45,442.18	54,616.95	27,308.48	81,925.43
				35,585.10	37,247.69	45,442.18	54,616.95		81,925.43
USR BARR Geotextile Fabric - Furnish and Install	590.00	SY	Subcontractor - Excavation - Earth ND	4,720.00	4,838.00	5,902.36	7,094.05	50.00%	10,641.07
				8.00	8.20	10.00	12.02	50.00%	18.04
USR BARR Riprap - Furnish and Install	395.00	CY	Subcontractor - Excavation - Earth ND	30,865.10	32,409.69	39,539.82	47,522.91	50.00%	71,284.36
				78.14	82.05	100.10	120.31	50.00%	180.47
914 Hydraulic Structure - Side Channel Inlet 1X72" (19 Inlets)	19.00	EA	Prime - Management (Excavation - Earth) ND	5,341,042.78	5,659,562.58	6,941,855.83	8,343,416.52	4,171,708.26	12,515,124.77
				281,107.51	297,871.71	365,360.83	439,127.19		658,690.78
91401 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	228,000.00	BCY	Subcontractor - Excavation - Earth ND	451,677.46	468,398.00	571,445.56	686,820.42	343,410.21	1,030,230.63
				1.98	2.05	2.51	3.01		4.52
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	228,000.00	BCY	Subcontractor - Excavation - Earth ND	217,243.18	222,967.27	272,020.08	326,940.93	50.00%	490,411.39
				0.95	0.98	1.19	1.43	50.00%	2.15
				0.65	0.67	0.81	0.98	50.00%	1.47

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non- Brenna - Spoil	228,000.00	BCY	Subcontractor - Excavation - Earth ND	148,258.73	152,124.21	185,591.54	223,062.47	111,531.23	334,593.70
				<i>0.38</i>	<i>0.41</i>	<i>0.50</i>	<i>0.60</i>	<i>50.00%</i>	<i>0.90</i>
USR BARR Earthwork - Type 1 Non-Saturated Non- Brenna - Semi Compact and Manage Moisture Content	228,000.00	BCY	Subcontractor - Excavation - Earth ND	86,175.55	93,306.51	113,833.95	136,817.02	68,408.51	205,225.53
91402 Manhole	1.00	EA	Subcontractor - Excavation - Earth ND	3,667,000.00	3,850,350.00	4,697,427.00	5,645,837.51	2,822,918.76	8,468,756.27
				<i>3,000.00</i>	<i>3,150.00</i>	<i>3,843.00</i>	<i>4,618.90</i>	<i>50.00%</i>	<i>6,928.35</i>
USR MOORE 96" Reinforced Concrete Manhole	589.00	LF	Subcontractor - Excavation - Earth ND	1,767,000.00	1,855,350.00	2,263,527.00	2,720,533.10	1,360,266.55	4,080,799.65
				<i>400.00</i>	<i>420.00</i>	<i>512.40</i>	<i>615.85</i>	<i>50.00%</i>	<i>923.78</i>
USR MOORE 72" Reinforced Concrete Pipe	4,750.00	LF	Subcontractor - Excavation - Earth ND	1,900,000.00	1,995,000.00	2,433,900.00	2,925,304.41	1,462,652.21	4,387,956.62
91403 Concrete - Wall	1,520.00	CY	Subcontractor - Concrete ND	483,187.59	542,881.52	678,601.90	815,611.62	407,805.81	1,223,417.43
				<i>317.89</i>	<i>357.16</i>	<i>446.45</i>	<i>536.59</i>		<i>804.88</i>
USR BARR Concrete - Wall- Build Forms	22,800.00	SF	Subcontractor - Concrete ND	44,061.03	55,623.07	69,528.84	83,566.72	41,783.36	125,350.07
				<i>1.93</i>	<i>2.44</i>	<i>3.05</i>	<i>3.67</i>	<i>50.00%</i>	<i>5.50</i>
USR BARR Concrete - Wall - Assemble and Modify Forms	19.00	EA	Subcontractor - Concrete ND	4,365.77	5,335.99	6,669.98	8,016.65	4,008.33	12,024.98
				<i>229.78</i>	<i>280.84</i>	<i>351.05</i>	<i>421.93</i>	<i>50.00%</i>	<i>632.89</i>
USR BARR Concrete - Wall - Form, Strip and Cure	22,800.00	SF	Subcontractor - Concrete ND	226,525.85	262,815.71	328,519.64	394,847.76	197,423.88	592,271.63
				<i>9.94</i>	<i>11.53</i>	<i>14.41</i>	<i>17.32</i>	<i>50.00%</i>	<i>25.98</i>
USR BARR Concrete - Wall - Pour	1,520.00	CY	Subcontractor - Concrete ND	199,882.53	210,336.72	262,920.90	316,004.63	158,002.32	474,006.95
				<i>131.50</i>	<i>138.38</i>	<i>172.97</i>	<i>207.90</i>	<i>50.00%</i>	<i>311.85</i>
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	76.00	CY	Subcontractor - Concrete ND	8,352.40	8,770.02	10,962.53	13,175.86	6,587.93	19,763.79
				<i>109.90</i>	<i>115.40</i>	<i>144.24</i>	<i>173.37</i>	<i>50.00%</i>	<i>260.05</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
91404 Steel Reinforcement Bars	228,000.00	LB	Subcontractor - Steel Erection ND	<i>1.07</i> 243,438.62	<i>1.22</i> 277,817.73	<i>1.52</i> 347,272.16	<i>1.83</i> 417,386.41	208,693.21	626,079.62
USR BARR Steel Reinforcement Bars - Furnish and Install	228,000.00	LB	Subcontractor - Steel Erection ND	<i>0.81</i> 184,680.00	<i>0.95</i> 215,713.01	<i>1.18</i> 269,641.26	<i>1.42</i> 324,081.83	<i>50.00%</i> 162,040.92	<i>2.13</i> 486,122.75
USR BARR Steel Reinforcement Bars - Hoist	228,000.00	LB	Subcontractor - Steel Erection ND	<i>0.26</i> 58,758.62	<i>0.27</i> 62,104.72	<i>0.34</i> 77,630.90	<i>0.41</i> 93,304.58	<i>50.00%</i> 46,652.29	<i>0.61</i> 139,956.86
91405 Erosion Protection	1.00	EA	Subcontractor - Excavation - Earth ND	<i>96,739.11</i> 96,739.11	<i>101,165.34</i> 101,165.34	<i>123,421.71</i> 123,421.71	<i>148,340.55</i> 148,340.55	74,170.28	222,510.83
USR BARR Geotextile Fabric - Furnish and Install	2,071.00	SY	Subcontractor - Excavation - Earth ND	<i>8.00</i> 16,568.00	<i>8.20</i> 16,982.20	<i>10.00</i> 20,718.28	<i>12.02</i> 24,901.31	<i>50.00%</i> 12,450.65	<i>18.04</i> 37,351.96
USR BARR Riprap - Furnish and Install	1,026.00	CY	Subcontractor - Excavation - Earth ND	<i>78.14</i> 80,171.11	<i>82.05</i> 84,183.14	<i>100.10</i> 102,703.43	<i>120.31</i> 123,439.25	<i>50.00%</i> 61,719.62	<i>180.47</i> 185,158.87
91406 Gates	1.00	EA	Subcontractor - Steel Erection ND	<i>399,000.00</i> 399,000.00	<i>418,950.00</i> 418,950.00	<i>523,687.50</i> 523,687.50	<i>629,420.01</i> 629,420.01	314,710.00	944,130.01
USR MOORE 72" Flap Gates	19.00	EA	Subcontractor - Steel Erection ND	<i>21,000.00</i> 399,000.00	<i>22,050.00</i> 418,950.00	<i>27,562.50</i> 523,687.50	<i>33,127.37</i> 629,420.01	<i>50.00%</i> 314,710.00	<i>49,691.05</i> 944,130.01
915 Hydraulic Structure - Side Channel Inlet 2X72" (7 Inlets)	7.00	EA	Prime - Management (Excavation - Earth) ND	<i>515,347.36</i> 3,607,431.49	<i>544,759.69</i> 3,813,317.86	<i>667,627.98</i> 4,673,395.89	<i>802,422.08</i> 5,616,954.53	2,808,477.26	8,425,431.79
91501 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	84,000.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.98</i> 166,407.49	<i>2.05</i> 172,567.68	<i>2.51</i> 210,532.57	<i>3.01</i> 253,039.10	126,519.55	379,558.65
				<i>0.95</i>	<i>0.98</i>	<i>1.19</i>	<i>1.43</i>	<i>50.00%</i>	<i>2.15</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non- Brenna - Excavate and Haul	84,000.00	BCY	Subcontractor - Excavation - Earth ND	80,036.96	82,145.84	100,217.92	120,451.92	60,225.96	180,677.88
				0.65	0.67	0.81	0.98	50.00%	1.47
USR BARR Earthwork - Type 1 Non-Saturated Non- Brenna - Spoil	84,000.00	BCY	Subcontractor - Excavation - Earth ND	54,621.64	56,045.76	68,375.83	82,180.91	41,090.45	123,271.36
				0.38	0.41	0.50	0.60	50.00%	0.90
USR BARR Earthwork - Type 1 Non-Saturated Non- Brenna - Semi Compact and Manage Moisture Content	84,000.00	BCY	Subcontractor - Excavation - Earth ND	31,748.89	34,376.08	41,938.82	50,406.27	25,203.14	75,609.41
				2,758,000.00	2,895,900.00	3,532,998.00	4,246,310.30		6,369,465.44
91502 Manhole	1.00	EA	Subcontractor - Excavation - Earth ND	2,758,000.00	2,895,900.00	3,532,998.00	4,246,310.30	2,123,155.15	6,369,465.44
				3,000.00	3,150.00	3,843.00	4,618.90	50.00%	6,928.35
USR MOORE 96" Reinforced Concrete Manhole	434.00	LF	Subcontractor - Excavation - Earth ND	1,302,000.00	1,367,100.00	1,667,862.00	2,004,603.34	1,002,301.67	3,006,905.01
				400.00	420.00	512.40	615.85	50.00%	923.78
USR MOORE 72" Reinforced Concrete Pipe	3,640.00	LF	Subcontractor - Excavation - Earth ND	1,456,000.00	1,528,800.00	1,865,136.00	2,241,706.96	1,120,853.48	3,362,560.44
				317.20	356.32	445.40	535.33		803.00
91503 Concrete - Wall	735.00	CY	Subcontractor - Concrete ND	233,143.99	261,897.45	327,371.81	393,468.17	196,734.09	590,202.26
				1.93	2.44	3.05	3.67	50.00%	5.50
USR BARR Concrete - Wall- Build Forms	11,025.00	SF	Subcontractor - Concrete ND	21,305.83	26,896.68	33,620.85	40,408.91	20,204.45	60,613.36
				229.78	280.84	351.05	421.93	50.00%	632.89
USR BARR Concrete - Wall - Assemble and Modify Forms	7.00	EA	Subcontractor - Concrete ND	1,608.44	1,965.89	2,457.36	2,953.50	1,476.75	4,430.26
				9.94	11.53	14.41	17.32	50.00%	25.98
USR BARR Concrete - Wall - Form, Strip and Cure	11,025.00	SF	Subcontractor - Concrete ND	109,537.17	127,085.23	158,856.54	190,929.67	95,464.84	286,394.51
				131.50	138.38	172.97	207.90	50.00%	311.85
USR BARR Concrete - Wall - Pour	735.00	CY	Subcontractor - Concrete ND	96,653.73	101,708.88	127,136.09	152,804.87	76,402.44	229,207.31

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	36.75	CY	Subcontractor - Concrete ND	109.90 4,038.83	115.40 4,240.77	144.24 5,300.96	173.37 6,371.22	50.00% 3,185.61	260.05 9,556.83
91504 Steel Reinforcement Bars	110,250.00	LB	Subcontractor - Steel Erection ND	1.07 117,715.38	1.22 134,339.49	1.52 167,924.37	1.83 201,828.30	100,914.15	2.75 302,742.45
USR BARR Steel Reinforcement Bars - Furnish and Install	110,250.00	LB	Subcontractor - Steel Erection ND	0.81 89,302.50	0.95 104,308.59	1.18 130,385.74	1.42 156,710.62	50.00% 78,355.31	2.13 235,065.94
USR BARR Steel Reinforcement Bars - Hoist	110,250.00	LB	Subcontractor - Steel Erection ND	0.26 28,412.88	0.27 30,030.90	0.34 37,538.62	0.41 45,117.67	50.00% 22,558.84	0.61 67,676.51
91505 Erosion Protection	1.00	EA	Subcontractor - Excavation - Earth ND	38,164.63 38,164.63	39,913.24 39,913.24	48,694.15 48,694.15	58,525.50 58,525.50	29,262.75	87,788.24 87,788.24
USR BARR Geotextile Fabric - Furnish and Install	805.00	SY	Subcontractor - Excavation - Earth ND	8.00 6,440.00	8.20 6,601.00	10.00 8,053.22	12.02 9,679.17	50.00% 4,839.58	18.04 14,518.75
USR BARR Riprap - Furnish and Install	406.00	CY	Subcontractor - Excavation - Earth ND	78.14 31,724.63	82.05 33,312.24	100.10 40,640.93	120.31 48,846.33	50.00% 24,423.17	180.47 73,269.50
91506 Gates	2.00	EA	Subcontractor - Steel Erection ND	147,000.00 294,000.00	154,350.00 308,700.00	192,937.50 385,875.00	231,891.58 463,783.16	231,891.58	347,837.37 695,674.74
USR MOORE 72" Flap Gates	14.00	EA	Subcontractor - Steel Erection ND	21,000.00 294,000.00	22,050.00 308,700.00	27,562.50 385,875.00	33,127.37 463,783.16	50.00% 231,891.58	49,691.05 695,674.74
916 Hydraulic Structure - Outlet to Red River of the North	1.00	EA	Prime - Management (Excavation - Earth) ND	13,608,804.45 13,608,804.45	14,783,536.23 14,783,536.23	18,310,861.20 18,310,861.20	22,007,824.07 22,007,824.07	4,401,564.81	26,409,388.89 26,409,388.89
91601 Hydraulic Structure - Outlet to Red River of the North - Site work	1.00	LS	Subcontractor - Excavation - Earth ND	3,876,459.95	4,035,026.20	4,922,731.97	5,916,631.55	1,183,326.31	7,099,957.86

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9160101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	42,000.00	42,000.00	51,240.00	61,585.36	12,317.07	73,902.43
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	42,000.00	42,000.00	51,240.00	61,585.36	12,317.07	73,902.43
9160102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	187,408.14	199,675.22	243,603.77	292,787.37	58,557.47	351,344.84
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	3,000.00	LF	Subcontractor - Excavation - Earth ND	2.53 7,597.89	3.04 9,133.37	3.71 11,142.71	4.46 13,392.42	20.00% 2,678.48	5.36 16,070.91
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	24,000.00	SY	Subcontractor - Excavation - Earth ND	6.31 151,438.08	6.76 162,245.63	8.25 197,939.67	9.91 237,903.69	20.00% 47,580.74	11.90 285,484.42
USR BARR Temporary Sedimentation Basins	6,700.00	BCY	Subcontractor - Excavation - Earth ND	2.97 19,872.18	2.92 19,583.72	3.57 23,892.14	4.29 28,715.96	20.00% 5,743.19	5.14 34,459.16
USR BARR Floating Silt Curtain	1,000.00	LF	Subcontractor - Excavation - Earth ND	8.50 8,500.00	8.71 8,712.50	10.63 10,629.25	12.78 12,775.30	20.00% 2,555.06	15.33 15,330.35
9160103 Clearing and Grubbing	25.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28	1,152.69	1,406.28	1,690.21	8,451.05	2,028.25
USR BARR Clearing and Grubbing	25.00	ACR	Subcontractor - Excavation - Earth ND	1,050.28 26,256.96	1,152.69 28,817.24	1,406.28 35,157.03	1,690.21 42,255.24	20.00% 8,451.05	2,028.25 50,706.29
9160104 Strip and Stockpile Topsoil	81,172.00	BCY	Subcontractor - Excavation - Earth ND	1.32	1.35	1.65	1.98	32,212.75	193,276.49
				107,115.17	109,842.30	134,007.60	161,063.74		

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Topsoil - Channel - Strip	81,172.00	BCY	Subcontractor - Excavation - Earth ND	0.73 59,379.58	0.75 60,751.36	0.91 74,116.66	1.10 89,080.81	20.00% 17,816.16	1.32 106,896.97
USR BARR Topsoil - Channel - Stockpile	81,172.00	BCY	Subcontractor - Excavation - Earth ND	0.59 47,735.59	0.60 49,090.94	0.74 59,890.95	0.89 71,982.93	20.00% 14,396.59	1.06 86,379.51
9160105 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	7.85 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Aggregate Base - Class V - Furnish and Install	0.00	ECY	Subcontractor - Excavation - Earth ND	20.82 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
RSM 312323184600 Hauling, haul road maintenance, includes loading	0.00	DAY	Subcontractor - Excavation - Earth ND	767.12 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
9160106 Embankment - Temporary Levee	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.95 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.65 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
				0.38	0.00	0.00	0.00	0.00%	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non- -Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non- -Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				1,681,969.43	1,749,213.57	2,134,040.55	2,564,903.34		3,077,884.00
9160107 Excavation and Embankment - Channel Realignment	1.00	BCY	Subcontractor - Excavation - Earth ND	1,681,969.43	1,749,213.57	2,134,040.55	2,564,903.34	512,980.67	3,077,884.00
				2.30	2.39	2.92	3.51		4.21
916010701 Excavation and Embankment - Channel - Type 1 Non- Saturated Non-Brenna	461,716.00	BCY	Subcontractor - Excavation - Earth ND	1,064,160.36	1,105,142.28	1,348,273.59	1,620,490.02	324,098.00	1,944,588.03
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	461,716.00	BCY	Subcontractor - Excavation - Earth ND	439,932.68	451,524.38	550,859.74	662,078.32	132,415.66	794,493.99
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	461,716.00	BCY	Subcontractor - Excavation - Earth ND	300,234.33	308,062.20	375,835.89	451,717.15	90,343.43	542,060.58
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	441,716.00	BCY	Subcontractor - Excavation - Earth ND	166,952.28	180,767.46	220,536.30	265,062.58	53,012.52	318,075.09
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	20,000.00	BCY	Subcontractor - Excavation - Earth ND	157,041.06	164,788.25	201,041.66	241,631.97	48,326.39	289,958.37
				2.30	2.38	2.90	3.49		4.19

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
916010702 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	88,117.00	BCY	Subcontractor - Excavation - Earth ND	202,550.01	209,749.54	255,894.44	307,559.53	61,511.91	369,071.43
				1.27	1.30	1.59	1.91	20.00%	2.29
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	88,117.00	BCY	Subcontractor - Excavation - Earth ND	111,946.30	114,895.95	140,173.06	168,474.00	33,694.80	202,168.80
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Spoil	88,117.00	BCY	Subcontractor - Excavation - Earth ND	57,298.75	58,792.67	71,727.06	86,208.75	17,241.75	103,450.50
				0.38	0.41	0.50	0.60	20.00%	0.72
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Semi Compact and Manage Moisture Content	88,117.00	BCY	Subcontractor - Excavation - Earth ND	33,304.96	36,060.92	43,994.32	52,876.78	10,575.36	63,452.13
				7.85	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Levee Embankment	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00		0.00
916010703 Excavation and Embankment - Channel - Type 3 Oxidized Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.95	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Excavate	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.98	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Haul	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				0.65	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 3 Oxidized Brenna - Spoil	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 3 Oxidized Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
916010704 Excavation and Embankment - Channel - Type 4 Brenna	72,915.00	BCY	Subcontractor - Excavation - Earth ND	3.78 275,618.10	3.92 286,081.68	4.79 349,019.65	5.75 419,486.72	83,897.34	6.90 503,384.06
USR BARR Earthwork - Type 4 Brenna - Excavate	72,915.00	BCY	Subcontractor - Excavation - Earth ND	1.53 111,238.65	1.55 113,228.47	1.89 138,138.73	2.28 166,028.94	20.00% 33,205.79	2.73 199,234.72
USR BARR Earthwork - Type 4 Brenna - Haul	72,915.00	BCY	Subcontractor - Excavation - Earth ND	1.23 89,406.75	1.29 94,363.82	1.58 115,123.86	1.90 138,367.37	20.00% 27,673.47	2.28 166,040.85
USR BARR Earthwork - Type 4 Brenna - Spoil	72,915.00	BCY	Subcontractor - Excavation - Earth ND	0.65 47,413.53	0.67 48,649.72	0.81 59,352.66	0.98 71,335.96	20.00% 14,267.19	1.17 85,603.16
USR BARR Earthwork - Type 4 Brenna - Semi Compact and Manage Moisture Content	72,915.00	BCY	Subcontractor - Excavation - Earth ND	0.38 27,559.17	0.41 29,839.67	0.50 36,404.40	0.60 43,754.44	20.00% 8,750.89	0.72 52,505.33
916010705 Excavation and Embankment - Channel	602,748.00	BCY	Subcontractor - Excavation - Earth ND	0.23 139,640.97	0.25 148,240.06	0.30 180,852.87	0.36 217,367.07	43,473.41	0.43 260,840.48
USR BARR Earthwork - Haul from No-Spoil Areas	602,748.00	BCY	Subcontractor - Excavation - Earth ND	0.23 139,640.97	0.25 148,240.06	0.30 180,852.87	0.36 217,367.07	20.00% 43,473.41	0.43 260,840.48
9160108 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	949,149.36 949,149.36	986,585.51 986,585.51	1,203,634.33 1,203,634.33	1,446,648.10 1,446,648.10	289,329.62	1,735,977.72 1,735,977.72
				909.58	1,046.81	1,277.10	1,534.95	20.00%	1,841.94

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312319201100 Dewatering, pumping, 8 hr., attended 8 hours per day, 6" centrifugal pump, includes 20 L.F. of suction hose and 100 L.F. of discharge hose	120.00	DAY	Subcontractor - Excavation - Earth ND	109,149.36	125,616.76	153,252.45	184,194.12	36,838.82	221,032.95
				25.00	25.31	30.88	37.12	20.00%	44.54
USR BARR Temporary Storm Sewer Pipe	100.00	LF	Subcontractor - Excavation - Earth ND	2,500.00	2,531.25	3,088.13	3,711.62	742.32	4,453.94
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	837,500.00	858,437.50	1,047,293.75	1,258,742.36	251,748.47	1,510,490.83
9160109 Electrical Utilities	5,000.00	LF	Subcontractor - Excavation - Earth ND	120,000.00	126,000.00	153,720.00	184,756.07	36,951.21	221,707.28
				24.00	25.20	30.74	36.95		44.34
USR BARR Electrical Utilities	5,000.00	LF	Subcontractor - Excavation - Earth ND	120,000.00	126,000.00	153,720.00	184,756.07	36,951.21	221,707.28
				24.00	25.20	30.74	36.95	20.00%	44.34
9160110 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	400,000.00	410,000.00	500,200.00	601,190.38	120,238.08	721,428.46
				400,000.00	410,000.00	500,200.00	601,190.38		721,428.46
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.00	MI	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	60,119.04	360,714.23
				100,000.00	102,500.00	125,050.00	150,297.60	20.00%	180,357.11
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	60,119.04	360,714.23
				200,000.00	205,000.00	250,100.00	300,595.19	20.00%	360,714.23
9160111 Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	15,000.00	15,000.00	18,300.00	21,994.77	4,398.95	26,393.72
				500.00	500.00	610.00	733.16		879.79
USR BARR Dust Control	30.00	DAY	Subcontractor - Excavation - Earth ND	15,000.00	15,000.00	18,300.00	21,994.77	4,398.95	26,393.72
				500.00	500.00	610.00	733.16	20.00%	879.79

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
9160112 Topsoil Placement	81,172.00	BCY	Subcontractor - Excavation - Earth ND	<i>1.13</i> 91,602.34	<i>1.16</i> 94,452.34	<i>1.42</i> 115,231.86	<i>1.71</i> 138,497.17	27,699.43	<i>2.05</i> 166,196.61
USR BARR Topsoil - Placement from Stockpile	81,172.00	BCY	Subcontractor - Excavation - Earth ND	91,602.34	94,452.34	115,231.86	138,497.17	27,699.43	166,196.61
9160113 Site Restoration	50.00	ACR	Subcontractor - Excavation - Earth ND	<i>2,622.18</i> 131,109.22	<i>2,750.98</i> 137,549.04	<i>3,356.20</i> 167,809.83	<i>4,033.81</i> 201,690.63	40,338.13	<i>4,840.58</i> 242,028.76
USR BARR Seeding	50.00	ACR	Subcontractor - Excavation - Earth ND	63,609.22	69,674.04	85,002.33	102,164.30	20,432.86	122,597.15
USR BARR Straw Mulch and Disk Anchoring	50.00	ACR	Subcontractor - Excavation - Earth ND	<i>400.00</i> 20,000.00	<i>405.00</i> 20,250.00	<i>494.10</i> 24,705.00	<i>593.86</i> 29,692.94	<i>20.00%</i> 5,938.59	<i>712.63</i> 35,631.53
USR BARR Vegetation Establishment and Maintenance	50.00	ACR	Subcontractor - Excavation - Earth ND	<i>950.00</i> 47,500.00	<i>952.50</i> 47,625.00	<i>1,162.05</i> 58,102.50	<i>1,396.67</i> 69,833.39	<i>20.00%</i> 13,966.68	<i>1,676.00</i> 83,800.07
9160114 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	<i>22,463.39</i> 22,463.39	<i>24,188.35</i> 24,188.35	<i>29,509.79</i> 29,509.79	<i>35,467.81</i> 35,467.81	7,093.56	<i>42,561.38</i> 42,561.38
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	1,000.00	LF	Subcontractor - Excavation - Earth ND	<i>16.70</i> 16,697.01	<i>18.17</i> 18,169.85	<i>22.17</i> 22,167.22	<i>26.64</i> 26,642.78	<i>20.00%</i> 5,328.56	<i>31.97</i> 31,971.34
				<i>883.19</i>	<i>946.75</i>	<i>1,155.03</i>	<i>1,388.23</i>	<i>20.00%</i>	<i>1,665.88</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	2.00	EA	Subcontractor - Excavation - Earth ND	1,766.38	1,893.50	2,310.07	2,776.47	555.29	3,331.76
9160115 Snow Removal	1,000.00	HR	Subcontractor - Excavation - Earth ND	102,385.93	111,702.63	136,277.21	163,791.58	32,758.32	196,549.89
USR BARR Snow Removal	1,000.00	HR	Subcontractor - Excavation - Earth ND	102,385.93	111,702.63	136,277.21	163,791.58	20.00% 32,758.32	196,549.89
91602 Hydraulic Structure - Outlet to Red River of the North - Structure	1.00	EA	Subcontractor - Excavation - Earth ND	9,732,344.50	10,748,510.03	13,388,129.23	16,091,192.53	3,218,238.51	19,309,431.03
9160201 Earthwork - Structural	7,000.00	BCY	Subcontractor - Excavation - Earth ND	27,163.42	28,390.96	34,636.97	41,630.17	8,326.03	49,956.21
USR BARR Earthwork - Structural Excavation	7,000.00	BCY	Subcontractor - Excavation - Earth ND	4,970.02	5,063.39	6,177.33	7,424.53	20.00% 1,484.91	8,909.44
USR BARR Earthwork - Structural Haul	7,000.00	BCY	Subcontractor - Excavation - Earth ND	9,001.95	9,485.36	11,572.14	13,908.55	20.00% 2,781.71	16,690.26
USR BARR Earthwork - Structural Embankment	7,000.00	BCY	Subcontractor - Excavation - Earth ND	13,191.45	13,842.21	16,887.50	20,297.09	20.00% 4,059.42	24,356.50
9160207 Embankment - Temporary Levee	4,000.00	BCY	Subcontractor - Excavation - Earth ND	39,090.95	40,842.10	49,827.37	59,887.51	11,977.50	71,865.01
				1.27	1.30	1.59	1.91	20.00%	2.29

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	4,000.00	BCY	Subcontractor - Excavation - Earth ND	5,081.71	5,215.61	6,363.04	7,647.74	1,529.55	9,177.29
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	4,000.00	BCY	Subcontractor - Excavation - Earth ND	2,601.03	2,668.85	3,255.99	3,913.38	782.68	4,696.05
				0.38	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	4,000.00	BCY	Subcontractor - Excavation - Earth ND	31,408.21	32,957.65	40,208.33	48,326.39	9,665.28	57,991.67
				132,514.96	141,428.08	172,542.26	207,378.54		248,854.25
9160208 Temporary Haul Roads	1.00	EA	Subcontractor - Excavation - Earth ND	132,514.96	141,428.08	172,542.26	207,378.54	41,475.71	248,854.25
				7.85	8.24	10.05	12.08	20.00%	14.50
USR BARR Earthwork - Type 1 Non-Saturated Non- Brenna - Levee Embankment	2,000.00	BCY	Subcontractor - Excavation - Earth ND	15,704.11	16,478.82	20,104.17	24,163.20	4,832.64	28,995.84
				20.82	21.87	26.69	32.07	20.00%	38.49
USR BARR Aggregate Base - Class V - Furnish and Install	3,400.00	ECY	Subcontractor - Excavation - Earth ND	70,783.85	74,372.25	90,734.15	109,053.37	21,810.67	130,864.05
				767.12	842.95	1,028.40	1,236.03	20.00%	1,483.24
RSM 312323184600 Hauling, haul road maintenance, includes loading	60.00	DAY	Subcontractor - Excavation - Earth ND	46,027.00	50,577.00	61,703.95	74,161.97	14,832.39	88,994.37
				4,454,420.50	5,036,022.16	6,293,387.14	7,564,022.00		9,076,826.40
9160202 Concrete Rollway Structure	1.00	EA	Subcontractor - Excavation - Earth ND	4,454,420.50	5,036,022.16	6,293,387.14	7,564,022.00	1,512,804.40	9,076,826.40

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
916020201 HP 14X73 Piling	35,456.00	LF	Subcontractor - Pile Driving ND	1,398,694.38	1,511,901.24	1,889,876.55	2,271,442.63	454,288.53	2,725,731.15
				39.45	42.64	53.30	64.06		76.88
USR BARR HP 14X73 Piling - Furnish Material	35,456.00	LF	Subcontractor - Pile Driving ND	1,061,198.08	1,114,257.98	1,392,822.48	1,674,033.34	334,806.67	2,008,840.01
USR BARR HP 14X73 Piling - Set up Rig	3.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
				7,220.84	8,449.63	10,562.04	12,694.52	2,538.90	15,233.42
USR BARR HP 14X73 Piling - Unload Piles	65.00	EA	Subcontractor - Pile Driving ND	499.37	584.57	730.71	878.24	20.00%	1,053.89
				32,459.12	37,997.06	47,496.32	57,085.83	11,417.17	68,502.99
USR BARR HP 14X73 Piling - Weld Splices	554.00	EA	Subcontractor - Pile Driving ND	63.59	79.29	99.11	119.12	20.00%	142.94
				35,229.44	43,924.52	54,905.65	65,991.10	13,198.22	79,189.32
USR BARR HP 14X73 Piling - Drive Piling	35,456.00	LF	Subcontractor - Pile Driving ND	7.41	8.67	10.83	13.02	20.00%	15.62
				262,586.90	307,272.05	384,090.06	461,637.84	92,327.57	553,965.41
USR BARR HP 14X73 Piling - Cut Offs	0.00	EA	Subcontractor - Pile Driving ND	18.32	0.00	0.00	0.00	0.00%	0.00
				0.00	0.00	0.00	0.00	0.00	0.00
USR HP 14X73 Piling - Pile Test, 52 ft	0.00	EA	Subcontractor - Pile Driving ND	5,000.00	0.00	0.00	0.00	0.00%	0.00
				0.00	0.00	0.00	0.00	0.00	0.00
916020202 Concrete - Footing	1,944.00	CY	Subcontractor - Concrete ND	276,125.73	292,321.52	365,401.90	439,176.54	87,835.31	527,011.85
				142.04	150.37	187.96	225.91		271.10
USR BARR Concrete - Footing - Form, Strip and Cure	2,080.00	SF	Subcontractor - Concrete ND	8.15	9.42	11.78	14.15	20.00%	16.99
				16,948.41	19,596.94	24,496.17	29,441.95	5,888.39	35,330.34
USR BARR Concrete - Footing - Pour	1,944.00	CY	Subcontractor - Concrete ND	128.00	134.70	168.38	202.38	20.00%	242.85
				248,835.24	261,865.40	327,331.75	393,420.03	78,684.01	472,104.03
USR BARR Concrete - 5% Waste	97.20	CY	Subcontractor - Concrete ND	106.40	111.72	139.65	167.85	20.00%	201.41
				10,342.08	10,859.18	13,573.98	16,314.57	3,262.91	19,577.48
				301.35	353.87	442.34	531.65		637.98

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
916020203 Concrete - Piers	6,769.00	CY	Subcontractor - Concrete ND	2,039,851.27	2,395,363.79	2,994,204.73	3,598,734.67	719,746.93	4,318,481.60
USR BARR Concrete - Pier - Build Forms	2,500.00	SF	Subcontractor - Concrete ND	12,331.25	13,599.02	16,998.78	20,430.83	4,086.17	24,517.00
USR BARR Concrete - Pier - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	919.11	1,123.37	1,404.21	1,687.72	337.54	2,025.26
USR BARR Concrete - Pier- Form, Strip and Cure	16,110.00	SF	Subcontractor - Concrete ND	195,958.70	230,147.57	287,684.46	345,767.95	69,153.59	414,921.54
USR BARR Concrete - Pier- Pour	6,769.00	CY	Subcontractor - Concrete ND	1,793,446.55	2,111,438.40	2,639,297.99	3,172,172.26	634,434.45	3,806,606.71
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	338.45	CY	Subcontractor - Concrete ND	37,195.66	39,055.44	48,819.30	58,675.91	11,735.18	70,411.10
916020204 Steel Reinforcement Bars	585,851.00	LB	Subcontractor - Steel Erection ND	625,520.87	713,858.75	892,323.43	1,072,483.53	214,496.71	1,286,980.24
USR BARR Steel Reinforcement Bars - Furnish and Install	585,851.00	LB	Subcontractor - Steel Erection ND	474,539.31	554,279.31	692,849.14	832,735.38	166,547.08	999,282.46
USR BARR Steel Reinforcement Bars - Hoist	585,851.00	LB	Subcontractor - Steel Erection ND	150,981.56	159,579.44	199,474.29	239,748.15	47,949.63	287,697.79
916020205 Bridge Railing	1.00	LF	Subcontractor - Steel Erection ND	0.00	0.00	0.00	0.00	0.00	0.00
USR BARR Bridge Railing - Furnish and Install	0.00	LF	Subcontractor - Steel Erection ND	0.00	0.00	0.00	0.00	0.00	0.00
916020206 Steel Sheetpile	2,500.00	SF	Subcontractor - Pile Driving ND	62,181.30	67,891.39	84,864.24	101,998.33	20,399.67	122,397.99

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
				17.50	18.38	22.97	27.61	20.00%	33.13
USR BARR Sheet Piling - Furnish	2,500.00	SF	Subcontractor - Pile Driving ND	43,750.00	45,937.50	57,421.88	69,015.35	13,803.07	82,818.42
				212.33	263.09	328.87	395.26	20.00%	474.32
USR BARR Sheet Piling - Unload Sheeting	2.00	EA	Subcontractor - Pile Driving ND	424.65	526.18	657.73	790.53	158.11	948.63
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
USR BARR Sheet Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	846.30	5,077.81
				160.46	187.77	234.71	282.10	20.00%	338.52
USR BARR Sheet Piling - Drive Sheets	83.00	EA	Subcontractor - Pile Driving ND	13,318.44	15,584.88	19,481.10	23,414.34	4,682.87	28,097.20
				13.74	18.23	22.79	27.39	20.00%	32.87
USR BARR Sheet Piling - Cut Sheets	166.00	EA	Subcontractor - Pile Driving ND	2,281.26	3,026.28	3,782.85	4,546.61	909.32	5,455.93
				20.82	21.87	26.69	32.07		38.49
91602027 Structural Aggregate Backfill	2,500.00	ECY	Subcontractor - Excavation - Earth ND	52,046.95	54,685.48	66,716.29	80,186.30	16,037.26	96,223.56
				20.82	21.87	26.69	32.07	20.00%	38.49
USR BARR Aggregate Base - Class V - Furnish and Install	2,500.00	ECY	Subcontractor - Excavation - Earth ND	52,046.95	54,685.48	66,716.29	80,186.30	16,037.26	96,223.56
				3,824,118.20	4,201,062.72	5,250,803.42	6,310,940.63		7,573,128.75
9160203 Walls	1.00	EA	Subcontractor - Excavation - Earth ND	3,824,118.20	4,201,062.72	5,250,803.42	6,310,940.63	1,262,188.13	7,573,128.75
				38.56	41.55	51.93	62.42		74.90
916020301 HP 14X73 Piling	36,214.00	LF	Subcontractor - Pile Driving ND	1,396,372.59	1,504,607.74	1,880,759.67	2,260,485.05	452,097.01	2,712,582.06
				29.93	31.43	39.28	47.21	20.00%	56.66
USR BARR HP 14X73 Piling - Furnish Material	36,214.00	LF	Subcontractor - Pile Driving ND	1,083,885.02	1,138,079.27	1,422,599.09	1,709,821.84	341,964.37	2,051,786.21
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
USR BARR HP 14X73 Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	846.30	5,077.81
				499.37	584.57	730.71	878.24	20.00%	1,053.89
USR BARR HP 14X73 Piling - Unload Piles	68.00	EA	Subcontractor - Pile Driving ND	33,957.23	39,750.77	49,688.46	59,720.56	11,944.11	71,664.67

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR HP 14X73 Piling - Weld Splices	140.00	EA	Subcontractor - Pile Driving ND	56.59 7,922.75	72.29 10,120.06	90.36 12,650.07	108.60 15,204.12	20.00% 3,040.82	130.32 18,244.95
USR BARR HP 14X73 Piling - Drive Piling	36,214.00	LF	Subcontractor - Pile Driving ND	7.41 268,200.65	8.67 313,841.10	10.83 392,301.37	13.02 471,507.02	20.00% 94,301.40	15.62 565,808.42
USR BARR HP 14X73 Piling - Cut Offs	0.00	EA	Subcontractor - Pile Driving ND	18.32 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR HP 14X73 Piling - Pile Test, 52 ft	0.00	EA	Subcontractor - Pile Driving ND	5,000.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
916020302 Concrete - Footing	1,618.00	CY	Subcontractor - Concrete ND	184.16 297,963.15	199.07 322,091.57	248.83 402,614.47	299.07 483,902.33	20.00% 96,780.47	358.89 580,682.79
USR BARR Concrete - Footing - Form, Strip and Cure	10,094.00	SF	Subcontractor - Concrete ND	8.15 82,248.69	9.42 95,101.67	11.78 118,877.09	14.15 142,878.37	20.00% 28,575.67	16.99 171,454.05
USR BARR Concrete - Footing - Pour	1,618.00	CY	Subcontractor - Concrete ND	128.00 207,106.70	134.70 217,951.76	168.38 272,439.69	202.38 327,445.27	20.00% 65,489.05	242.85 392,934.32
USR BARR Concrete - Footing - 5% waste	80.90	CY	Subcontractor - Concrete ND	106.40 8,607.76	111.72 9,038.15	139.65 11,297.69	167.85 13,578.69	20.00% 2,715.74	201.41 16,294.43
916020303 Concrete - Wall	4,600.00	CY	Subcontractor - Concrete ND	278.80 1,282,500.61	310.63 1,428,912.73	388.29 1,786,140.92	466.69 2,146,762.77	20.00% 429,352.55	560.03 2,576,115.32
USR BARR Concrete - Wall- Build Forms	2,500.00	SF	Subcontractor - Concrete ND	1.93 4,831.25	2.44 6,099.02	3.05 7,623.78	3.67 9,163.02	20.00% 1,832.60	4.40 10,995.62
USR BARR Concrete - Wall - Assemble and Modify Forms	4.00	EA	Subcontractor - Concrete ND	229.78 919.11	280.84 1,123.37	351.05 1,404.21	421.93 1,687.72	20.00% 337.54	506.32 2,025.26
USR BARR Concrete - Wall - Form, Strip and Cure	70,391.00	SF	Subcontractor - Concrete ND	9.19 646,565.58	10.78 758,604.15	13.47 948,255.19	16.19 1,139,707.92	20.00% 227,941.58	19.43 1,367,649.50

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Wall - Pour	4,600.00	CY	Subcontractor - Concrete ND	131.50 604,907.67	138.38 636,545.34	172.97 795,681.68	207.90 956,329.81	20.00% 191,265.96	249.48 1,147,595.77
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	230.00	CY	Subcontractor - Concrete ND	109.90 25,277.00	115.40 26,540.85	144.24 33,176.06	173.37 39,874.31	20.00% 7,974.86	208.04 47,849.17
916020304 Steel Reinforcement	475,419.00	LB	Subcontractor - Steel Erection ND	1.07 507,611.16	1.22 579,297.49	1.52 724,121.86	1.83 870,322.06	174,064.41	2.20 1,044,386.47
USR BARR Steel Reinforcement Bars - Hoist	475,419.00	LB	Subcontractor - Steel Erection ND	0.26 122,521.77	0.27 129,498.96	0.34 161,873.70	0.41 194,556.00	20.00% 38,911.20	0.49 233,467.20
USR BARR Steel Reinforcement Bars - Furnish and Install	475,419.00	LB	Subcontractor - Steel Erection ND	0.81 385,089.39	0.95 449,798.53	1.18 562,248.16	1.42 675,766.06	20.00% 135,153.21	1.71 810,919.27
916020305 Bridge Railing	1,400.00	LF	Subcontractor - Steel Erection ND	40.00 56,000.00	41.00 57,400.00	51.25 71,750.00	61.60 86,236.33	17,247.27	73.92 103,483.59
USR BARR Bridge Railing - Furnish and Install	1,400.00	LF	Subcontractor - Steel Erection ND	40.00 56,000.00	41.00 57,400.00	51.25 71,750.00	61.60 86,236.33	20.00% 17,247.27	73.92 103,483.59
916020306 Steel Sheetpile	10,900.00	SF	Subcontractor - Pile Driving ND	24.50 267,015.66	26.72 291,253.83	33.40 364,067.29	40.14 437,572.48	87,514.50	48.17 525,086.97
USR BARR Sheet Piling - Furnish Material	10,900.00	SF	Subcontractor - Pile Driving ND	17.50 190,750.00	18.38 200,287.50	22.97 250,359.38	27.61 300,906.93	20.00% 60,181.39	33.13 361,088.32
USR BARR Sheet Piling - Unload Sheeting	9.00	EA	Subcontractor - Pile Driving ND	212.33 1,910.93	263.09 2,367.83	328.87 2,959.79	395.26 3,557.37	20.00% 711.47	474.32 4,268.84
USR BARR Sheet Piling - Set up Rig	2.00	EA	Subcontractor - Pile Driving ND	2,406.95 4,813.90	2,816.54 5,633.09	3,520.68 7,041.36	4,231.51 8,463.01	20.00% 1,692.60	5,077.81 10,155.62
USR BARR Sheet Piling - Drive Sheets	370.00	EA	Subcontractor - Pile Driving ND	160.46 59,371.38	187.77 69,474.77	234.71 86,843.47	282.10 104,377.16	20.00% 20,875.43	338.52 125,252.60

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Cut Sheets	740.00	EA	Subcontractor - Pile Driving ND	13.74 10,169.45	18.23 13,490.64	22.79 16,863.30	27.39 20,268.00	20.00% 4,053.60	32.87 24,321.60
916020307 Structural Aggregate Backfill	800.00	ECY	Subcontractor - Excavation - Earth ND	20.82 16,655.02	21.87 17,499.35	26.69 21,349.21	32.07 25,659.62	5,131.92	38.49 30,791.54
USR BARR Aggregate Base - Class V - Furnish and Install	800.00	ECY	Subcontractor - Excavation - Earth ND	20.82 16,655.02	21.87 17,499.35	26.69 21,349.21	32.07 25,659.62	20.00% 5,131.92	38.49 30,791.54
9160204 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	255,717.31 255,717.31	268,528.65 268,528.65	327,604.95 327,604.95	393,748.39 393,748.39	78,749.68	472,498.07 472,498.07
USR BARR Select Granular Aggregate - Furnish and Install	1,200.00	CY	Subcontractor - Excavation - Earth ND	56.82 68,182.54	59.67 71,609.03	72.80 87,363.02	87.50 105,001.61	20.00% 21,000.32	105.00 126,001.93
USR BARR Riprap - Furnish and Install	2,400.00	CY	Subcontractor - Excavation - Earth ND	78.14 187,534.77	82.05 196,919.62	100.10 240,241.93	120.31 288,746.78	20.00% 57,749.36	144.37 346,496.13
9160205 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	173,700.00 173,700.00	178,042.50 178,042.50	217,211.85 217,211.85	261,066.92 261,066.92	52,213.38	313,280.31 313,280.31
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	13,400.00	13,735.00	16,756.70	20,139.88	4,027.98	24,167.85
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	13,400.00	13,735.00	16,756.70	20,139.88	4,027.98	24,167.85
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	13,400.00	13,735.00	16,756.70	20,139.88	4,027.98	24,167.85
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
				40.00	41.00	50.02	60.12	20.00%	72.14

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Equipment Storage Shed	2,500.00	SF	Subcontractor - Excavation - Earth ND	100,000.00	102,500.00	125,050.00	150,297.60	30,059.52	180,357.11
9160206 Fish Passage System	1.00	EA	Subcontractor - Excavation - Earth ND	825,619.16	854,192.86	1,042,115.29	1,252,518.36	250,503.67	1,503,022.03
USR BARR Fish Passage System - Furnish and Install	50,000.00	SF	Subcontractor - Excavation - Earth ND	409,000.00	419,350.00	511,607.00	614,900.45	122,980.09	737,880.54
USR BARR Hydraulic Gates - Steel - Furnish	150.00	SF	Subcontractor - Excavation - Earth ND	60,000.00	63,000.00	76,860.00	92,378.03	18,475.61	110,853.64
USR BARR Hydraulic Gates - Steel - Install	2.00	EA	Subcontractor - Excavation - Earth ND	89,619.16	101,827.86	124,229.99	149,312.02	29,862.40	179,174.42
USR BARR Hydraulic Gate Hoist - Furnish and Install	2.00	EA	Subcontractor - Excavation - Earth ND	200,000.00	200,000.00	244,000.00	293,263.60	58,652.72	351,916.32
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Excavation - Earth ND	67,000.00	70,015.00	85,418.30	102,664.25	20,532.85	123,197.11
09 20 Plantings	1.00	LS	Prime - Management (Excavation - Earth) ND	904,356.06	904,356.06	904,356.06	1,086,945.55	217,389.11	1,304,334.66
Channel Plantings	191,000.00	LF	Prime - Management (Excavation - Earth) ND	904,356.06	904,356.06	904,356.06	1,086,945.55	217,389.11	1,304,334.66
USR Channel Plantings	36.17	MI	Prime - Management (Excavation - Earth) ND	904,356.06	904,356.06	904,356.06	1,086,945.55	217,389.11	1,304,334.66

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
11 Levees and Floodwalls and Floodproofing	1.00	LS	Subcontractor - Excavation - Earth MN	67,207,565.54	70,670,898.69	86,397,467.29	103,841,115.94	23,656,417.10	127,497,533.04
				<i>11,994,369.60</i>	<i>12,666,434.10</i>	<i>15,453,049.60</i>	<i>18,573,020.31</i>		<i>22,287,624.38</i>
1101 Tie-Back Levee - TBL East 2B (Constructed in MN)	1.00	EA	Subcontractor - Excavation - Earth MN	11,994,369.60	12,666,434.10	15,453,049.60	18,573,020.31	3,714,604.06	22,287,624.38
				<i>87,544.63</i>	<i>98,336.71</i>	<i>119,970.79</i>	<i>144,192.89</i>		<i>173,031.47</i>
110101 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth MN	87,544.63	98,336.71	119,970.79	144,192.89	28,838.58	173,031.47
				<i>2.53</i>	<i>3.18</i>	<i>3.88</i>	<i>4.67</i>	<i>20.00%</i>	<i>5.60</i>
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	17,000.00	LF	Subcontractor - Excavation - Earth MN	43,054.69	54,099.84	66,001.80	79,327.56	15,865.51	95,193.08
				<i>2.97</i>	<i>2.95</i>	<i>3.60</i>	<i>4.32</i>	<i>20.00%</i>	<i>5.19</i>
USR BARR Temporary Sedimentation Basins	15,000.00	BCY	Subcontractor - Excavation - Earth MN	44,489.95	44,236.88	53,968.99	64,865.33	12,973.07	77,838.39
				<i>1.32</i>	<i>1.38</i>	<i>1.68</i>	<i>2.02</i>		<i>2.42</i>
110102 Strip and Stockpile Topsoil - Channel	110,024.00	BCY	Subcontractor - Excavation - Earth MN	145,188.48	151,359.92	184,659.10	221,941.77	44,388.35	266,330.13
				<i>0.73</i>	<i>0.76</i>	<i>0.93</i>	<i>1.12</i>	<i>20.00%</i>	<i>1.34</i>
USR BARR Topsoil - Channel - Strip	110,024.00	BCY	Subcontractor - Excavation - Earth MN	80,485.62	83,684.22	102,094.75	122,707.68	24,541.54	147,249.22
				<i>0.59</i>	<i>0.62</i>	<i>0.75</i>	<i>0.90</i>	<i>20.00%</i>	<i>1.08</i>
USR BARR Topsoil - Channel - Stockpile	110,024.00	BCY	Subcontractor - Excavation - Earth MN	64,702.85	67,675.69	82,564.35	99,234.09	19,846.82	119,080.91
				<i>10.28</i>	<i>10.94</i>	<i>13.35</i>	<i>16.05</i>		<i>19.26</i>
110103 Excavation and Embankment - Tie-Back Levee	835,320.00	BCY	Subcontractor - Excavation - Earth MN	8,583,376.32	9,140,938.76	11,151,945.28	13,403,523.04	2,680,704.61	16,084,227.64
				<i>9.00</i>	<i>9.00</i>	<i>10.98</i>	<i>13.20</i>	<i>20.00%</i>	<i>15.84</i>
USR Inspection Trench	35,250.00	LF	Subcontractor - Excavation - Earth MN	317,250.00	317,250.00	387,045.00	465,189.39	93,037.88	558,227.26

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Tie Back Levee - Haul from diversion excavation	100,000.00	BCY	Subcontractor - Excavation - Earth MN	4.63 463,347.76	5.04 503,521.80	6.14 614,296.59	7.38 738,323.07	20.00% 147,664.61	8.86 885,987.69
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	735,320.00	BCY	Subcontractor - Excavation - Earth MN	0.95 700,628.31	0.99 731,258.40	1.21 892,135.25	1.46 1,072,257.36	20.00% 214,451.47	1.75 1,286,708.83
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	835,320.00	BCY	Subcontractor - Excavation - Earth MN	0.65 543,173.16	0.68 566,556.90	0.83 691,199.42	0.99 830,752.58	20.00% 166,150.52	1.19 996,903.09
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth MN	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	835,320.00	BCY	Subcontractor - Excavation - Earth MN	7.85 6,558,977.09	8.41 7,022,351.66	10.26 8,567,269.03	12.33 10,297,000.64	20.00% 2,059,400.13	14.79 12,356,400.77
110104 Topsoil Placement	110,024.00	CY	Subcontractor - Excavation - Earth MN	1.08 118,791.87	1.14 125,330.22	1.39 152,902.87	1.67 183,773.96	36,754.79	2.00 220,528.76
USR BARR Topsoil - Berms - Placement from Stockpile	110,024.00	BCY	Subcontractor - Excavation - Earth MN	1.08 118,791.87	1.14 125,330.22	1.39 152,902.87	1.67 183,773.96	20.00% 36,754.79	2.00 220,528.76
110105 Access Surfacing	7,000.00	ECY	Subcontractor - Excavation - Earth MN	20.82 145,731.46	21.90 153,270.93	26.71 186,990.53	32.11 224,743.92	44,948.78	38.53 269,692.71
USR BARR Aggregate Base - Class V - Furnish and Install	7,000.00	ECY	Subcontractor - Excavation - Earth MN	20.82 145,731.46	21.90 153,270.93	26.71 186,990.53	32.11 224,743.92	20.00% 44,948.78	38.53 269,692.71
110106 Site Restoration	113.00	ACR	Subcontractor - Excavation - Earth MN	2,622.18 296,306.84	2,781.70 314,331.81	3,393.67 383,484.81	4,078.85 460,910.39	92,182.08	4,894.62 553,092.47

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Seeding	113.00	ACR	Subcontractor - Excavation - Earth MN	1,272.18 143,756.84	1,423.20 160,821.31	1,736.30 196,202.00	2,086.86 235,815.18	20.00% 47,163.04	2,504.23 282,978.22
USR BARR Straw Mulch and Disk Anchoring	113.00	ACR	Subcontractor - Excavation - Earth MN	400.00 45,200.00	406.00 45,878.00	495.32 55,971.16	595.33 67,271.74	20.00% 13,454.35	714.39 80,726.08
USR BARR Vegetation Establishment and Maintenance	113.00	ACR	Subcontractor - Excavation - Earth MN	950.00 107,350.00	952.50 107,632.50	1,162.05 131,311.65	1,396.67 157,823.47	20.00% 31,564.69	1,676.00 189,388.17
110107 Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth MN	787,250.00	806,931.25	984,456.13	1,183,217.82	236,643.56	1,419,861.38
USR Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth MN	787,250.00	806,931.25	984,456.13	1,183,217.82	236,643.56	1,419,861.38
110108 Road Raise for LPP Tie Back Levees MN	1.00	LS	Subcontractor - Excavation - Earth MN	1,830,180.00	1,875,934.50	2,288,640.09	2,750,716.52	550,143.30	3,300,859.83
USR Road Raise for LPP Tie Back Levees MN	1.00	LS	Subcontractor - Excavation - Earth MN	1,830,180.00	1,875,934.50	2,288,640.09	2,750,716.52	550,143.30	3,300,859.83
1102 Tie-Back Levee - TBL Cass 17 (Constructed in ND)	1.00	EA	Subcontractor - Excavation - Earth ND	4,129,736.40 4,129,736.40	4,310,531.96 4,310,531.96	5,258,848.99 5,258,848.99	6,320,610.60 6,320,610.60	1,264,122.12	7,584,732.72 7,584,732.72
110201 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	57,518.88 57,518.88	62,718.45 62,718.45	76,516.51 76,516.51	91,965.19 91,965.19	18,393.04	110,358.23 110,358.23
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	11,000.00	LF	Subcontractor - Excavation - Earth ND	2.53 27,858.91	3.04 33,489.02	3.71 40,856.60	4.46 49,105.55	20.00% 9,821.11	5.36 58,926.65
USR BARR Temporary Sedimentation Basins	10,000.00	BCY	Subcontractor - Excavation - Earth ND	2.97 29,659.97	2.92 29,229.44	3.57 35,659.91	4.29 42,859.65	20.00% 8,571.93	5.14 51,431.58

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
110202 Strip and Stockpile Topsoil - Channel	68,739.00	BCY	Subcontractor - Excavation - Earth ND	90,708.49	93,017.91	113,481.85	136,393.83	27,278.77	163,672.60
				1.32	1.35	1.65	1.98		2.38
USR BARR Topsoil - Channel - Strip	68,739.00	BCY	Subcontractor - Excavation - Earth ND	50,284.49	51,446.16	62,764.31	75,436.43	15,087.29	90,523.72
				0.73	0.75	0.91	1.10	20.00%	1.32
USR BARR Topsoil - Channel - Stockpile	68,739.00	BCY	Subcontractor - Excavation - Earth ND	40,423.99	41,571.75	50,717.53	60,957.40	12,191.48	73,148.89
				0.59	0.60	0.74	0.89	20.00%	1.06
110203 Excavation and Embankment - Tie-Back Levee	292,080.00	BCY	Subcontractor - Excavation - Earth ND	3,330,600.54	3,482,047.56	4,248,098.02	5,105,789.01	1,021,157.80	6,126,946.82
				11.40	11.92	14.54	17.48		20.98
USR Inspection Trench	22,320.00	LF	Subcontractor - Excavation - Earth ND	200,880.00	200,880.00	245,073.60	294,553.96	58,910.79	353,464.75
				9.00	9.00	10.98	13.20	20.00%	15.84
USR BARR Earthwork - Tie Back Levee - Haul from diversion excavation	100,000.00	BCY	Subcontractor - Excavation - Earth ND	463,347.76	491,880.72	600,094.48	721,253.56	144,250.71	865,504.27
				4.63	4.92	6.00	7.21	20.00%	8.66
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	192,080.00	BCY	Subcontractor - Excavation - Earth ND	183,017.85	187,840.15	229,164.98	275,433.39	55,086.68	330,520.07
				0.95	0.98	1.19	1.43	20.00%	1.72
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	292,080.00	BCY	Subcontractor - Excavation - Earth ND	189,927.23	194,879.12	237,752.53	285,754.76	57,150.95	342,905.71
				0.65	0.67	0.81	0.98	20.00%	1.17
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
				0.38	0.00	0.00	0.00	0.00%	0.00
				7.85	8.24	10.05	12.08	20.00%	14.50

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 1 Non-Saturated Non- Brenna - Levee Embankment	292,080.00	BCY	Subcontractor - Excavation - Earth ND	2,293,427.70	2,406,567.57	2,936,012.43	3,528,793.34	705,758.67	4,234,552.01
110204 Topsoil Placement	68,739.00	CY	Subcontractor - Excavation - Earth ND	74,216.85	76,885.22	93,799.96	112,738.18	22,547.64	135,285.81
USR BARR Topsoil - Berms - Placement from Stockpile	68,739.00	BCY	Subcontractor - Excavation - Earth ND	74,216.85	76,885.22	93,799.96	112,738.18	22,547.64	135,285.81
110205 Site Restoration	74.00	ACR	Subcontractor - Excavation - Earth ND	194,041.65	203,646.58	248,448.82	298,610.64	59,722.13	358,332.77
USR BARR Seeding	74.00	ACR	Subcontractor - Excavation - Earth ND	94,141.65	103,117.58	125,803.44	151,203.16	30,240.63	181,443.79
USR BARR Straw Mulch and Disk Anchoring	74.00	ACR	Subcontractor - Excavation - Earth ND	29,600.00	30,044.00	36,653.68	44,054.06	8,810.81	52,864.87
USR BARR Vegetation Establishment and Maintenance	74.00	ACR	Subcontractor - Excavation - Earth ND	70,300.00	70,485.00	85,991.70	103,353.42	20,670.68	124,024.11
110206 Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	301,500.00	309,037.50	377,025.75	453,147.25	90,629.45	543,776.70
USR Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	301,500.00	309,037.50	377,025.75	453,147.25	90,629.45	543,776.70
110207 Road Raise for LPP Tie Back Levees ND	1.00	LS	Subcontractor - Excavation - Earth ND	81,150.00	83,178.75	101,478.08	121,966.50	24,393.30	146,359.80
USR Road Raise for LPP Tie Back Levees ND	1.00	LS	Subcontractor - Excavation - Earth ND	81,150.00	83,178.75	101,478.08	121,966.50	24,393.30	146,359.80

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
1103 Levee - Connecting Channel - Reach 2018 (ND-23, 26)	1.00	EA	Subcontractor - Excavation - Earth ND	1,101,178.83	1,148,168.92	1,400,766.09	1,683,580.76	336,716.15	2,020,296.91
				<i>9.46</i>	<i>9.88</i>	<i>12.06</i>	<i>14.49</i>		<i>17.39</i>
110301 Excavation and Embankment - Levee - Type 1	105,000.00	BCY	Subcontractor - Excavation - Earth ND	992,788.83	1,037,877.80	1,266,210.92	1,521,858.90	304,371.78	1,826,230.68
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	105,000.00	BCY	Subcontractor - Excavation - Earth ND	100,046.20	102,682.30	125,272.40	150,564.90	20.00% 30,112.98	180,677.88
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	105,000.00	BCY	Subcontractor - Excavation - Earth ND	68,277.05	70,057.20	85,469.79	102,726.14	20.00% 20,545.23	123,271.36
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	105,000.00	BCY	Subcontractor - Excavation - Earth ND	824,465.59	865,138.30	1,055,468.73	1,268,567.86	20.00% 253,713.57	1,522,281.43
110302 Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	34,690.00	34,748.63	42,393.32	50,952.53	10,190.51	61,143.04
USR Inspection Trench	2,000.00	LF	Subcontractor - Excavation - Earth ND	18,000.00	18,000.00	21,960.00	26,393.72	20.00% 5,278.74	31,672.47
USR Instrumentation	2,000.00	LF	Subcontractor - Excavation - Earth ND	12,000.00	12,000.00	14,640.00	17,595.82	20.00% 3,519.16	21,114.98
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	4,690.00	4,748.63	5,793.32	6,962.99	1,392.60	8,355.59

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
110303 Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	73,700.00	75,542.50	92,161.85	110,769.33	22,153.87	132,923.19
USR Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	73,700.00	75,542.50	92,161.85	110,769.33	22,153.87	132,923.19
1104 Levee - Connecting Channel - Reach 2019 (ND-25)	1.00	EA	Subcontractor - Excavation - Earth ND	4,560,216.62	4,754,381.85	5,800,345.85	6,971,435.68	1,394,287.14	8,365,722.82
				4,560,216.62	4,754,381.85	5,800,345.85	6,971,435.68		8,365,722.82
110401 Excavation and Embankment - Levee - Type 1	288,863.00	BCY	Subcontractor - Excavation - Earth ND	2,731,237.72	2,855,280.90	3,483,442.70	4,186,749.78	837,349.96	5,024,099.74
				9.46	9.88	12.06	14.49		17.39
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	288,863.00	BCY	Subcontractor - Excavation - Earth ND	275,234.72	282,486.82	344,633.93	414,215.52	82,843.10	497,058.62
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	288,863.00	BCY	Subcontractor - Excavation - Earth ND	187,835.36	192,732.70	235,133.89	282,607.43	56,521.49	339,128.91
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	288,863.00	BCY	Subcontractor - Excavation - Earth ND	2,268,167.65	2,380,061.38	2,903,674.88	3,489,926.84	697,985.37	4,187,912.21
110402 Excavation and Embankment - Levee - Type 2	142,000.00	BCY	Subcontractor - Excavation - Earth ND	1,387,728.90	1,449,894.70	1,768,871.53	2,126,006.69	425,201.34	2,551,208.03
				9.77	10.21	12.46	14.97		17.97
USR BARR Earthwork - Type 2 Saturated Non-Brenna - Excavate and Haul	142,000.00	BCY	Subcontractor - Excavation - Earth ND	180,400.77	185,154.11	225,888.02	271,494.81	54,298.96	325,793.77

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	142,000.00	BCY	Subcontractor - Excavation - Earth ND	0.65 92,336.58	0.67 94,744.03	0.81 115,587.71	0.98 138,924.87	20.00% 27,784.97	1.17 166,709.84
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	142,000.00	BCY	Subcontractor - Excavation - Earth ND	7.85 1,114,991.56	8.24 1,169,996.56	10.05 1,427,395.80	12.08 1,715,587.01	20.00% 343,117.40	14.50 2,058,704.42
110403 Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	139,750.00	140,168.75	171,005.88	205,531.96	41,106.39	246,638.35
USR Inspection Trench	8,200.00	LF	Subcontractor - Excavation - Earth ND	9.00 73,800.00	9.00 73,800.00	10.98 90,036.00	13.20 108,214.27	20.00% 21,642.85	15.84 129,857.12
USR Instrumentation	8,200.00	LF	Subcontractor - Excavation - Earth ND	6.00 49,200.00	6.00 49,200.00	7.32 60,024.00	8.80 72,142.85	20.00% 14,428.57	10.56 86,571.41
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	16,750.00	17,168.75	20,945.88	25,174.85	5,034.97	30,209.82
110404 Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	301,500.00	309,037.50	377,025.75	453,147.25	90,629.45	543,776.70
USR Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	301,500.00	309,037.50	377,025.75	453,147.25	90,629.45	543,776.70
1105 Storage Area 1	1.00	EA	Subcontractor - Excavation - Earth MN	45,422,064.07	47,791,381.85	58,484,456.76	70,292,468.58	16,946,687.63	87,239,156.21
110501 Storage Area 1 - Embankments	1.00	EA	Subcontractor - Excavation - Earth ND	37,780,533.12	39,393,827.43	48,060,469.46	57,763,878.25	14,440,969.56	72,204,847.81

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
11050101 Site Preparation and Traffic Control	1.00	EA	Subcontractor - Excavation - Earth ND	42,000.00	42,000.00	51,240.00	61,585.36	15,396.34	76,981.70
USR BARR Site Preparation and Traffic Control	1.00	LS	Subcontractor - Excavation - Earth ND	42,000.00	42,000.00	51,240.00	61,585.36	15,396.34	76,981.70
11050102 Temporary Erosion and Sedimentation Control	1.00	EA	Subcontractor - Excavation - Earth ND	423,375.11	452,312.61	551,821.38	663,234.12	165,808.53	829,042.65
RSM 312513101120 Erosion control, silt fence, polypropylene, 3' high, includes 7.5' posts	60,000.00	LF	Subcontractor - Excavation - Earth ND	151,957.71	182,667.36	222,854.17	267,848.43	66,962.11	334,810.54
RSM 312513100120 Biodegradable erosion control, revegetation mat, webbed	4,000.00	SY	Subcontractor - Excavation - Earth ND	25,239.68	27,040.94	32,989.94	39,650.61	9,912.65	49,563.27
USR BARR Temporary Sedimentation Basins	83,000.00	BCY	Subcontractor - Excavation - Earth ND	246,177.72	242,604.32	295,977.27	355,735.08	88,933.77	444,668.84
11050103 Clearing and Grubbing	60.00	ACR	Subcontractor - Excavation - Earth ND	63,016.71	69,161.38	84,376.88	101,412.58	25,353.14	126,765.72
USR BARR Clearing and Grubbing	60.00	ACR	Subcontractor - Excavation - Earth ND	63,016.71	69,161.38	84,376.88	101,412.58	25,353.14	126,765.72
11050104 Strip and Stockpile Topsoil	1,000,000.00	BCY	Subcontractor - Excavation - Earth ND	1,319,607.32	1,353,204.27	1,650,909.21	1,984,227.78	496,056.95	2,480,284.73
USR BARR Topsoil - Channel - Strip	1,000,000.00	BCY	Subcontractor - Excavation - Earth ND	731,527.87	748,427.52	913,081.57	1,097,432.74	274,358.19	1,371,790.93

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Topsoil - Channel - Stockpile	1,000,000.00	BCY	Subcontractor - Excavation - Earth ND	0.59 588,079.45	0.60 604,776.75	0.74 737,827.64	0.89 886,795.04	25.00% 221,698.76	1.11 1,108,493.80
11050105 Excavation and Embankment - Channel Realignment	1.00	BCY	Subcontractor - Excavation - Earth ND	29,867,086.70 29,867,086.70	31,221,478.31 31,221,478.31	38,090,203.54 38,090,203.54	45,780,615.64 45,780,615.64	11,445,153.91	57,225,769.55 57,225,769.55
USR Inspection Trench	59,000.00	LF	Subcontractor - Excavation - Earth ND	9.00 531,000.00	9.00 531,000.00	10.98 647,820.00	13.20 778,614.86	25.00% 194,653.71	16.50 973,268.57
1105010501 Excavation and Embankment - Channel - Type 1 Non-Saturated Non-Brenna	900,000.00	BCY	Subcontractor - Excavation - Earth ND	16.07 14,461,236.13	16.81 15,130,732.11	20.51 18,459,493.17	24.65 22,186,464.84	5,546,616.21	30.81 27,733,081.05
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Excavate and Haul	900,000.00	BCY	Subcontractor - Excavation - Earth ND	0.95 857,538.86	0.98 880,133.98	1.19 1,073,763.46	1.43 1,290,556.30	25.00% 322,639.07	1.79 1,613,195.37
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Spoil	1,600,000.00	BCY	Subcontractor - Excavation - Earth ND	0.65 1,040,412.13	0.67 1,067,538.32	0.81 1,302,396.75	0.98 1,565,350.65	25.00% 391,337.66	1.22 1,956,688.31
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.38 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
USR BARR Earthwork - Type 1 Non-Saturated Non-Brenna - Levee Embankment	1,600,000.00	BCY	Subcontractor - Excavation - Earth ND	7.85 12,563,285.14	8.24 13,183,059.81	10.05 16,083,332.97	12.08 19,330,557.89	25.00% 4,832,639.47	15.10 24,163,197.36
1105010502 Excavation and Embankment - Channel - Type 2 Saturated Non-Brenna	1.00	BCY	Subcontractor - Excavation - Earth ND	14,747,082.42 14,747,082.42	15,424,110.10 15,424,110.10	18,817,414.32 18,817,414.32	22,616,650.27 22,616,650.27	5,654,162.57	28,270,812.84 28,270,812.84

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Excavate and Haul	900,000.00	BCY	Subcontractor - Excavation - Earth ND	1,143,385.15	1,173,511.97	1,431,684.61	1,720,741.73	430,185.43	2,150,927.16
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Spoil	1,600,000.00	BCY	Subcontractor - Excavation - Earth ND	1,040,412.13	1,067,538.32	1,302,396.75	1,565,350.65	391,337.66	1,956,688.31
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Semi Compact and Manage Moisture Content	0.00	BCY	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Earthwork - Type 2 Saturated Non- Brenna - Levee Embankment	1,600,000.00	BCY	Subcontractor - Excavation - Earth ND	12,563,285.14	13,183,059.81	16,083,332.97	19,330,557.89	4,832,639.47	24,163,197.36
1105010503 Excavation and Embankment - Channel	551,500.00	BCY	Subcontractor - Excavation - Earth ND	127,768.14	135,636.11	165,476.05	198,885.67	49,721.42	248,607.09
USR BARR Earthwork - Haul from No-Spoil Areas	551,500.00	BCY	Subcontractor - Excavation - Earth ND	127,768.14	135,636.11	165,476.05	198,885.67	49,721.42	248,607.09
11050106 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	280,000.00	287,000.00	350,140.00	420,833.27	105,208.32	526,041.58
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	280,000.00	287,000.00	350,140.00	420,833.27	105,208.32	526,041.58
11050107 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	400,000.00	410,000.00	500,200.00	601,190.38	150,297.60	751,487.98
				100,000.00	102,500.00	125,050.00	150,297.60	25.00%	187,871.99

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	2.00	MI	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	75,148.80	375,743.99
				<i>200,000.00</i>	<i>205,000.00</i>	<i>250,100.00</i>	<i>300,595.19</i>	<i>25.00%</i>	<i>375,743.99</i>
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	200,000.00	205,000.00	250,100.00	300,595.19	75,148.80	375,743.99
11050108 Topsoil Placement	1,000,000.00	BCY	Subcontractor - Excavation - Earth ND	1,128,496.77	1,163,607.45	1,419,601.08	1,706,218.54	426,554.64	2,132,773.18
				<i>1.13</i>	<i>1.16</i>	<i>1.42</i>	<i>1.71</i>		<i>2.13</i>
USR BARR Topsoil - Placement from Stockpile	1,000,000.00	BCY	Subcontractor - Excavation - Earth ND	1,128,496.77	1,163,607.45	1,419,601.08	1,706,218.54	426,554.64	2,132,773.18
				<i>1.13</i>	<i>1.16</i>	<i>1.42</i>	<i>1.71</i>	<i>25.00%</i>	<i>2.13</i>
11050109 Site Restoration	620.00	ACR	Subcontractor - Excavation - Earth ND	1,625,754.35	1,705,608.06	2,080,841.84	2,500,963.81	625,240.95	3,126,204.76
				<i>2,622.18</i>	<i>2,750.98</i>	<i>3,356.20</i>	<i>4,033.81</i>		<i>5,042.27</i>
USR BARR Seeding	620.00	ACR	Subcontractor - Excavation - Earth ND	788,754.35	863,958.06	1,054,028.84	1,266,837.26	316,709.32	1,583,546.58
				<i>1,272.18</i>	<i>1,393.48</i>	<i>1,700.05</i>	<i>2,043.29</i>	<i>25.00%</i>	<i>2,554.11</i>
USR BARR Straw Mulch and Disk Anchoring	620.00	ACR	Subcontractor - Excavation - Earth ND	248,000.00	251,100.00	306,342.00	368,192.45	92,048.11	460,240.56
				<i>400.00</i>	<i>405.00</i>	<i>494.10</i>	<i>593.86</i>	<i>25.00%</i>	<i>742.32</i>
USR BARR Vegetation Establishment and Maintenance	620.00	ACR	Subcontractor - Excavation - Earth ND	589,000.00	590,550.00	720,471.00	865,934.09	216,483.52	1,082,417.62
				<i>950.00</i>	<i>952.50</i>	<i>1,162.05</i>	<i>1,396.67</i>	<i>25.00%</i>	<i>1,745.83</i>
11050110 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	379,996.16	381,975.34	466,009.92	560,097.32	140,024.33	700,121.65
				<i>379,996.16</i>	<i>381,975.34</i>	<i>466,009.92</i>	<i>560,097.32</i>		<i>700,121.65</i>
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,512.14	7,560.70
				<i>16.70</i>	<i>18.17</i>	<i>22.17</i>	<i>26.64</i>	<i>25.00%</i>	<i>33.30</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	1,000.00	LF	Subcontractor - Excavation - Earth ND	16,697.01	18,169.85	22,167.22	26,642.78	6,660.70	33,303.48
				<i>883.19</i>	<i>946.75</i>	<i>1,155.03</i>	<i>1,388.23</i>	<i>25.00%</i>	<i>1,735.29</i>
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	6.00	EA	Subcontractor - Excavation - Earth ND	5,299.14	5,680.49	6,930.20	8,329.40	2,082.35	10,411.75
				<i>6.00</i>	<i>6.00</i>	<i>7.32</i>	<i>8.80</i>	<i>25.00%</i>	<i>11.00</i>
USR Instrumentation	59,000.00	LF	Subcontractor - Excavation - Earth ND	354,000.00	354,000.00	431,880.00	519,076.57	129,769.14	648,845.72
11050111 Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	107,200.00	109,880.00	134,053.60	161,119.02	40,279.76	201,398.78
USR BARR Monuments and Markers	1.00	LS	Subcontractor - Excavation - Earth ND	107,200.00	109,880.00	134,053.60	161,119.02	40,279.76	201,398.78
11050112 Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	2,144,000.00	2,197,600.00	2,681,072.00	3,222,380.44	805,595.11	4,027,975.55
USR Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	2,144,000.00	2,197,600.00	2,681,072.00	3,222,380.44	805,595.11	4,027,975.55
				<i>134,000.00</i>	<i>137,350.00</i>	<i>167,567.00</i>	<i>201,398.78</i>		<i>241,678.53</i>
110502 Storage Area 1 - Inlet	1.00	EA	Subcontractor - Excavation - Earth ND	134,000.00	137,350.00	167,567.00	201,398.78	40,279.76	241,678.53
11050201 Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	134,000.00	137,350.00	167,567.00	201,398.78	40,279.76	241,678.53
USR Embankment Erosion Control	1.00	LS	Subcontractor - Excavation - Earth ND	134,000.00	137,350.00	167,567.00	201,398.78	40,279.76	241,678.53

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
110503 Hydraulic Structure - Storage Area 1 - Closure/Drainage Structure (North)	1.00	EA	Subcontractor - Excavation - Earth ND	3,092,565.48	3,452,372.21	4,301,379.55	5,169,828.08	1,033,965.62	6,203,793.69
				3,092,565.48	3,452,372.21	4,301,379.55	5,169,828.08		6,203,793.69
11050301 Hydraulic Structure - Storage Area 1 - Closure/Drainage Structure (North) - Site Work	1.00	EA	Subcontractor - Excavation - Earth ND	216,433.92	224,127.86	273,435.99	328,642.72	65,728.54	394,371.26
				216,433.92	224,127.86	273,435.99	328,642.72	65,728.54	394,371.26
1105030101 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
				33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
1105030102 Electrical Utilities	2,500.00	LF	Subcontractor - Excavation - Earth ND	60,000.00	63,000.00	76,860.00	92,378.03	18,475.61	110,853.64
				24.00	25.20	30.74	36.95		44.34
USR BARR Electrical Utilities	2,500.00	LF	Subcontractor - Excavation - Earth ND	60,000.00	63,000.00	76,860.00	92,378.03	18,475.61	110,853.64
				24.00	25.20	30.74	36.95	20.00%	44.34
1105030103 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	100,000.00	102,500.00	125,050.00	150,297.60	30,059.52	180,357.11
				100,000.00	102,500.00	125,050.00	150,297.60		180,357.11
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	100,000.00	102,500.00	125,050.00	150,297.60	30,059.52	180,357.11
				200,000.00	0.00	0.00	0.00	0.00%	0.00
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.00	MI	Subcontractor - Excavation - Earth ND	0.00	0.00	0.00	0.00	0.00	0.00
1105030104 Site Restoration	4.00	ACR	Subcontractor - Excavation - Earth ND	10,488.74	11,003.92	13,424.79	16,135.25	3,227.05	19,362.30
				2,622.18	2,750.98	3,356.20	4,033.81		4,840.58

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Seeding	4.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 5,088.74	1,393.48 5,573.92	1,700.05 6,800.19	2,043.29 8,173.14	20.00% 1,634.63	2,451.94 9,807.77
USR BARR Straw Mulch and Disk Anchoring	4.00	ACR	Subcontractor - Excavation - Earth ND	400.00 1,600.00	405.00 1,620.00	494.10 1,976.40	593.86 2,375.44	20.00% 475.09	712.63 2,850.52
USR BARR Vegetation Establishment and Maintenance	4.00	ACR	Subcontractor - Excavation - Earth ND	950.00 3,800.00	952.50 3,810.00	1,162.05 4,648.20	1,396.67 5,586.67	20.00% 1,117.33	1,676.00 6,704.01
1105030105 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	12,445.19 12,445.19	13,286.44 13,286.44	16,209.45 16,209.45	19,482.14 19,482.14	3,896.43	23,378.57 23,378.57
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	400.00	LF	Subcontractor - Excavation - Earth ND	16.70 6,678.81	18.17 7,267.94	22.17 8,866.89	26.64 10,657.11	20.00% 2,131.42	31.97 12,788.54
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	2.00	EA	Subcontractor - Excavation - Earth ND	883.19 1,766.38	946.75 1,893.50	1,155.03 2,310.07	1,388.23 2,776.47	20.00% 555.29	1,665.88 3,331.76
11050302 Hydraulic Structure - Storage Area 1 - Closure/Drainage Structure (North) - Structure	1.00	EA	Subcontractor - Excavation - Earth ND	2,663,062.00 2,663,062.00	3,008,778.33 3,008,778.33	3,760,195.01 3,760,195.01	4,519,378.38 4,519,378.38	903,875.68	5,423,254.06 5,423,254.06
				3.88	4.06	4.95	5.95		7.14

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
1105030201 Earthwork - Structural	1,000.00	BCY	Subcontractor - Excavation - Earth ND	3,880.49	4,055.85	4,948.14	5,947.17	1,189.43	7,136.60
				0.71	0.72	0.88	1.06	20.00%	1.27
USR BARR Earthwork - Structural Excavation	1,000.00	BCY	Subcontractor - Excavation - Earth ND	710.00	723.34	882.48	1,060.65	212.13	1,272.78
				1.29	1.36	1.65	1.99	20.00%	2.38
USR BARR Earthwork - Structural Haul	1,000.00	BCY	Subcontractor - Excavation - Earth ND	1,285.99	1,355.05	1,653.16	1,986.94	397.39	2,384.32
				1.88	1.98	2.41	2.90	20.00%	3.48
USR BARR Earthwork - Structural Embankment	1,000.00	BCY	Subcontractor - Excavation - Earth ND	1,884.49	1,977.46	2,412.50	2,899.58	579.92	3,479.50
				2,659,181.52	3,004,722.48	3,755,246.87	4,513,431.21		5,416,117.46
1105030202 Structure and Walls	1.00	EA	Subcontractor - Excavation - Earth ND	2,659,181.52	3,004,722.48	3,755,246.87	4,513,431.21	902,686.24	5,416,117.46
				40.09	43.19	53.98	64.88		77.86
110503020201 HP 14X73 Piling	14,000.00	LF	Subcontractor - Pile Driving ND	561,249.29	604,625.20	755,781.50	908,373.78	181,674.76	1,090,048.54
				29.93	31.43	39.28	47.21	20.00%	56.66
USR BARR HP 14X73 Piling - Furnish Material	14,000.00	LF	Subcontractor - Pile Driving ND	419,020.00	439,971.00	549,963.75	661,001.43	132,200.29	793,201.72
				2,406.95	2,816.54	3,520.68	4,231.51	20.00%	5,077.81
USR BARR HP 14X73 Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	846.30	5,077.81
				499.37	584.57	730.71	878.24	20.00%	1,053.89
USR BARR HP 14X73 Piling - Unload Piles	26.00	EA	Subcontractor - Pile Driving ND	12,983.65	15,198.82	18,998.53	22,834.33	4,566.87	27,401.20
				63.59	79.29	99.11	119.12	20.00%	142.94
USR BARR HP 14X73 Piling - Weld Splices	100.00	EA	Subcontractor - Pile Driving ND	6,359.10	7,928.61	9,910.77	11,911.75	2,382.35	14,294.10
				7.41	8.67	10.83	13.02	20.00%	15.62
USR BARR HP 14X73 Piling - Drive Piling	14,000.00	LF	Subcontractor - Pile Driving ND	103,683.91	121,328.09	151,660.11	182,280.29	36,456.06	218,736.34
				18.32	24.31	30.38	36.52	20.00%	43.82
USR BARR HP 14X73 Piling - Cut Offs	98.00	EA	Subcontractor - Pile Driving ND	1,795.69	2,382.13	2,977.66	3,578.85	715.77	4,294.62

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR HP 14X73 Piling - Pile Test, 52 ft	3.00	EA	Subcontractor - Pile Driving ND	5,000.00 15,000.00	5,000.00 15,000.00	6,250.00 18,750.00	7,511.88 22,535.63	20.00% 4,507.13	9,014.25 27,042.75
110503020202 Concrete - Footing	705.00	CY	Subcontractor - Concrete ND	142.57 100,510.40	150.98 106,442.03	188.73 133,052.54	226.83 159,915.85	31,983.17	272.20 191,899.02
USR BARR Concrete - Footing - Form, Strip and Cure	800.00	SF	Subcontractor - Concrete ND	8.15 6,518.62	9.42 7,537.28	11.78 9,421.60	14.15 11,323.83	20.00% 2,264.77	16.99 13,588.59
USR BARR Concrete - Footing - Pour	705.00	CY	Subcontractor - Concrete ND	128.00 90,241.18	134.70 94,966.62	168.38 118,708.27	202.38 142,675.47	20.00% 28,535.09	242.85 171,210.57
USR BARR Concrete - 5% Waste	35.25	CY	Subcontractor - Concrete ND	106.40 3,750.60	111.72 3,938.13	139.65 4,922.66	167.85 5,916.55	20.00% 1,183.31	201.41 7,099.86
110503020203 Concrete - Wall	752.00	CY	Subcontractor - Concrete ND	1,974.93 1,485,147.73	2,301.05 1,730,391.82	2,876.32 2,162,989.77	3,457.04 2,599,697.41	519,939.48	4,148.45 3,119,636.89
USR BARR Concrete - Wall- Build Forms	2,000.00	SF	Subcontractor - Concrete ND	1.93 3,865.00	2.44 4,879.22	3.05 6,099.02	3.67 7,330.41	20.00% 1,466.08	4.40 8,796.50
USR BARR Concrete - Wall - Assemble and Modify Forms	2.00	EA	Subcontractor - Concrete ND	229.78 459.55	280.84 561.68	351.05 702.10	421.93 843.86	20.00% 168.77	506.32 1,012.63
USR BARR Concrete - Wall - Form, Strip and Cure	150,000.00	SF	Subcontractor - Concrete ND	9.19 1,377,801.67	10.78 1,616,550.74	13.47 2,020,688.43	16.19 2,428,665.42	20.00% 485,733.08	19.43 2,914,398.50
USR BARR Concrete - Wall - Pour	752.00	CY	Subcontractor - Concrete ND	131.50 98,889.25	138.38 104,061.33	172.97 130,076.66	207.90 156,339.13	20.00% 31,267.83	249.48 187,606.96
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	37.60	CY	Subcontractor - Concrete ND	109.90 4,132.24	115.40 4,338.85	144.24 5,423.57	173.37 6,518.58	20.00% 1,303.72	208.04 7,822.30
				0.00	0.00	0.00	0.00		0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
110503020204 Concrete - Piers	1.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				4.93	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier - Build Forms	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				229.78	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier - Assemble and Modify Forms	0.00	EA	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				12.16	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier- Form, Strip and Cure	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				264.95	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier- Pour	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				109.90	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				139.99	148.00	185.00	222.36		266.83
110503020205 Concrete - Elevated Deck	85.00	CY	Subcontractor - Concrete ND	11,898.75	12,580.22	15,725.28	18,900.21	3,780.04	22,680.25
				5.05	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				134.49	142.23	177.79	213.69	20.00%	256.42
USR BARR Concrete - Elevated Deck - Pour	85.00	CY	Subcontractor - Concrete ND	11,431.68	12,089.79	15,112.24	18,163.40	3,632.68	21,796.08
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	4.25	CY	Subcontractor - Concrete ND	467.08	490.43	613.04	736.81	147.36	884.17
				1.07	1.22	1.52	1.83		2.20
110503020206 Steel Reinforcement Bars	233,000.00	LB	Subcontractor - Steel Erection ND	248,777.18	283,910.22	354,887.78	426,539.62	85,307.92	511,847.55

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Steel Reinforcement Bars - Furnish and Install	233,000.00	LB	Subcontractor - Steel Erection ND	188,730.00	220,443.56	275,554.45	331,188.89	66,237.78	397,426.67
				0.81	0.95	1.18	1.42	20.00%	1.71
USR BARR Steel Reinforcement Bars - Hoist	233,000.00	LB	Subcontractor - Steel Erection ND	60,047.18	63,466.66	79,333.33	95,350.73	19,070.15	114,420.87
				0.26	0.27	0.34	0.41	20.00%	0.49
110503020207 Hydraulic Gates - Steel	1.00	EA	Subcontractor - Steel Erection ND	184,809.58	195,177.79	243,972.24	293,230.23	58,646.05	351,876.28
USR BARR Hydraulic Gates - Steel - Furnish	100.00	SF	Subcontractor - Steel Erection ND	40,000.00	42,000.00	52,500.00	63,099.75	12,619.95	75,719.70
				400.00	420.00	525.00	631.00	20.00%	757.20
USR BARR Hydraulic Gates - Steel - Install	1.00	EA	Subcontractor - Steel Erection ND	44,809.58	53,177.79	66,472.24	79,892.98	15,978.60	95,871.58
				44,809.58	53,177.79	66,472.24	79,892.98	20.00%	95,871.58
USR BARR Hydraulic Gate Hoist - Furnish and Install	1.00	EA	Subcontractor - Steel Erection ND	100,000.00	100,000.00	125,000.00	150,237.50	30,047.50	180,285.00
				100,000.00	100,000.00	125,000.00	150,237.50	20.00%	180,285.00
110503020208 Bulkheads - Steel	1.00	LS	Subcontractor - Steel Erection ND	13,400.00	14,003.00	17,503.75	21,037.76	4,207.55	25,245.31
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Steel Erection ND	13,400.00	14,003.00	17,503.75	21,037.76	4,207.55	25,245.31
				40.00	41.00	51.25	61.60		73.92
110503020209 Bridge Railing	100.00	LF	Subcontractor - Steel Erection ND	4,000.00	4,100.00	5,125.00	6,159.74	1,231.95	7,391.69
USR BARR Bridge Railing - Furnish and Install	100.00	LF	Subcontractor - Steel Erection ND	4,000.00	4,100.00	5,125.00	6,159.74	1,231.95	7,391.69
				40.00	41.00	51.25	61.60	20.00%	73.92
110503020210 Steel Sheetpile	900.00	SF	Subcontractor - Pile Driving ND	28,569.80	31,618.00	39,522.51	47,502.10	9,500.42	57,002.52
USR BARR Sheet Piling - Furnish	900.00	SF	Subcontractor - Pile Driving ND	15,750.00	16,537.50	20,671.88	24,845.53	4,969.11	29,814.63
				17.50	18.38	22.97	27.61	20.00%	33.13
				212.33	263.09	328.87	395.26	20.00%	474.32

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Sheet Piling - Unload Sheeting	1.00	EA	Subcontractor - Pile Driving ND	212.33	263.09	328.87	395.26	79.05	474.32
USR BARR Sheet Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	20.00% 846.30	5,077.81
USR BARR Sheet Piling - Drive Sheets	61.00	EA	Subcontractor - Pile Driving ND	160.46 9,788.25	187.77 11,453.95	234.71 14,317.44	282.10 17,208.13	20.00% 3,441.63	338.52 20,649.75
USR BARR Sheet Piling - Cut Sheets	30.00	EA	Subcontractor - Pile Driving ND	13.74 412.28	18.23 546.92	22.79 683.65	27.39 821.68	20.00% 164.34	32.87 986.01
110503020211 Structural Aggregate Backfill	1,000.00	ECY	Subcontractor - Excavation - Earth ND	20.82 20,818.78	21.87 21,874.19	26.69 26,686.51	32.07 32,074.52	20.00% 6,414.90	38.49 38,489.43
USR BARR Aggregate Base - Class V - Furnish and Install	1,000.00	ECY	Subcontractor - Excavation - Earth ND	20.82 20,818.78	21.87 21,874.19	26.69 26,686.51	32.07 32,074.52	20.00% 6,414.90	38.49 38,489.43
11050303 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	42,619.55 42,619.55	44,754.77 44,754.77	54,600.82 54,600.82	65,624.73 65,624.73	20.00% 13,124.95	78,749.68 78,749.68
USR BARR Select Granular Aggregate - Furnish and Install	200.00	CY	Subcontractor - Excavation - Earth ND	56.82 11,363.76	59.67 11,934.84	72.80 14,560.50	87.50 17,500.27	20.00% 3,500.05	105.00 21,000.32
USR BARR Riprap - Furnish and Install	400.00	CY	Subcontractor - Excavation - Earth ND	78.14 31,255.80	82.05 32,819.94	100.10 40,040.32	120.31 48,124.46	20.00% 9,624.89	144.37 57,749.36
11050304 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	170,450.00 170,450.00	174,711.25 174,711.25	213,147.73 213,147.73	256,182.25 256,182.25	20.00% 51,236.45	307,418.70 307,418.70
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	6,700.00	6,867.50	8,378.35	10,069.94	2,013.99	12,083.93
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	16,750.00	17,168.75	20,945.88	25,174.85	5,034.97	30,209.82
USR BARR Equipment Storage Shed	2,000.00	SF	Subcontractor - Excavation - Earth ND	80,000.00	82,000.00	100,040.00	120,238.08	24,047.62	144,285.69
				<i>40.00</i>	<i>41.00</i>	<i>50.02</i>	<i>60.12</i>	<i>20.00%</i>	<i>72.14</i>
110504 Hydraulic Structure - Storage Area 1 - Closure/Drainage Structure (East)	1.00	EA	Subcontractor - Excavation - Earth ND	3,092,565.48	3,452,372.21	4,301,379.55	5,169,828.08	1,033,965.62	6,203,793.69
				<i>216,433.92</i>	<i>224,127.86</i>	<i>273,435.99</i>	<i>328,642.72</i>		<i>394,371.26</i>
11050401 Hydraulic Structure - Storage Area 1 - Closure/Drainage Structure (East) - Site Work	1.00	EA	Subcontractor - Excavation - Earth ND	216,433.92	224,127.86	273,435.99	328,642.72	65,728.54	394,371.26
				<i>33,500.00</i>	<i>34,337.50</i>	<i>41,891.75</i>	<i>50,349.69</i>		<i>60,419.63</i>
1105040101 Dewatering and Control of Water	1.00	EA	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Control of water	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
				<i>24.00</i>	<i>25.20</i>	<i>30.74</i>	<i>36.95</i>		<i>44.34</i>
1105040102 Electrical Utilities	2,500.00	LF	Subcontractor - Excavation - Earth ND	60,000.00	63,000.00	76,860.00	92,378.03	18,475.61	110,853.64
				<i>24.00</i>	<i>25.20</i>	<i>30.74</i>	<i>36.95</i>	<i>20.00%</i>	<i>44.34</i>
USR BARR Electrical Utilities	2,500.00	LF	Subcontractor - Excavation - Earth ND	60,000.00	63,000.00	76,860.00	92,378.03	18,475.61	110,853.64
				<i>100,000.00</i>	<i>102,500.00</i>	<i>125,050.00</i>	<i>150,297.60</i>		<i>180,357.11</i>
1105040103 Restore Local Roadways	1.00	EA	Subcontractor - Excavation - Earth ND	100,000.00	102,500.00	125,050.00	150,297.60	30,059.52	180,357.11

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Restore Local Haul Roadways - Aggregate Surfacing	1.00	MI	Subcontractor - Excavation - Earth ND	100,000.00 100,000.00	102,500.00 102,500.00	125,050.00 125,050.00	150,297.60 150,297.60	20.00% 30,059.52	180,357.11 180,357.11
USR BARR Restore Local Haul Roadways - Bituminous Surfacing	0.00	MI	Subcontractor - Excavation - Earth ND	200,000.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
1105040104 Site Restoration	4.00	ACR	Subcontractor - Excavation - Earth ND	2,622.18 10,488.74	2,750.98 11,003.92	3,356.20 13,424.79	4,033.81 16,135.25	20.00% 3,227.05	4,840.58 19,362.30
USR BARR Seeding	4.00	ACR	Subcontractor - Excavation - Earth ND	1,272.18 5,088.74	1,393.48 5,573.92	1,700.05 6,800.19	2,043.29 8,173.14	20.00% 1,634.63	2,451.94 9,807.77
USR BARR Straw Mulch and Disk Anchoring	4.00	ACR	Subcontractor - Excavation - Earth ND	400.00 1,600.00	405.00 1,620.00	494.10 1,976.40	593.86 2,375.44	20.00% 475.09	712.63 2,850.52
USR BARR Vegetation Establishment and Maintenance	4.00	ACR	Subcontractor - Excavation - Earth ND	950.00 3,800.00	952.50 3,810.00	1,162.05 4,648.20	1,396.67 5,586.67	20.00% 1,117.33	1,676.00 6,704.01
1105040105 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	12,445.19 12,445.19	13,286.44 13,286.44	16,209.45 16,209.45	19,482.14 19,482.14	20.00% 3,896.43	23,378.57 23,378.57
USR BARR Signage	1.00	LS	Subcontractor - Excavation - Earth ND	4,000.00	4,125.00	5,032.50	6,048.56	1,209.71	7,258.27
RSM 323113202100 Fence, chain link industrial, no barbed wire, galvanized steel, 2" line post, 10' O.C., 1-5/8" top rail, 5' - 0" high, includes excavation, in concrete	400.00	LF	Subcontractor - Excavation - Earth ND	16.70 6,678.81	18.17 7,267.94	22.17 8,866.89	26.64 10,657.11	20.00% 2,131.42	31.97 12,788.54
				883.19	946.75	1,155.03	1,388.23	20.00%	1,665.88

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
HNC 323113307215 Gates, swing, chain link, without barbed wire, double, galvanized, 5' high, 20' wide, excludes excavation	2.00	EA	Subcontractor - Excavation - Earth ND	1,766.38	1,893.50	2,310.07	2,776.47	555.29	3,331.76
11050402 Hydraulic Structure - Storage Area 1 - Closure/Drainage Structure (East) - Structure	1.00	EA	Subcontractor - Excavation - Earth ND	2,663,062.00	3,008,778.33	3,760,195.01	4,519,378.38	903,875.68	5,423,254.06
1105040201 Earthwork - Structural	1,000.00	BCY	Subcontractor - Excavation - Earth ND	3,880.49	4,055.85	4,948.14	5,947.17	1,189.43	7,136.60
USR BARR Earthwork - Structural Excavation	1,000.00	BCY	Subcontractor - Excavation - Earth ND	710.00	723.34	882.48	1,060.65	212.13	1,272.78
USR BARR Earthwork - Structural Haul	1,000.00	BCY	Subcontractor - Excavation - Earth ND	1,285.99	1,355.05	1,653.16	1,986.94	397.39	2,384.32
USR BARR Earthwork - Structural Embankment	1,000.00	BCY	Subcontractor - Excavation - Earth ND	1,884.49	1,977.46	2,412.50	2,899.58	579.92	3,479.50
1105040202 Structure and Walls	1.00	EA	Subcontractor - Excavation - Earth ND	2,659,181.52	3,004,722.48	3,755,246.87	4,513,431.21	902,686.24	5,416,117.46
110504020201 HP 14X73 Piling	14,000.00	LF	Subcontractor - Pile Driving ND	561,249.29	604,625.20	755,781.50	908,373.78	181,674.76	1,090,048.54
USR BARR HP 14X73 Piling - Furnish Material	14,000.00	LF	Subcontractor - Pile Driving ND	419,020.00	439,971.00	549,963.75	661,001.43	132,200.29	793,201.72
USR BARR HP 14X73 Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95	2,816.54	3,520.68	4,231.51	846.30	5,077.81

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR HP 14X73 Piling - Unload Piles	26.00	EA	Subcontractor - Pile Driving ND	499.37 12,983.65	584.57 15,198.82	730.71 18,998.53	878.24 22,834.33	20.00% 4,566.87	1,053.89 27,401.20
USR BARR HP 14X73 Piling - Weld Splices	100.00	EA	Subcontractor - Pile Driving ND	63.59 6,359.10	79.29 7,928.61	99.11 9,910.77	119.12 11,911.75	20.00% 2,382.35	142.94 14,294.10
USR BARR HP 14X73 Piling - Drive Piling	14,000.00	LF	Subcontractor - Pile Driving ND	7.41 103,683.91	8.67 121,328.09	10.83 151,660.11	13.02 182,280.29	20.00% 36,456.06	15.62 218,736.34
USR BARR HP 14X73 Piling - Cut Offs	98.00	EA	Subcontractor - Pile Driving ND	18.32 1,795.69	24.31 2,382.13	30.38 2,977.66	36.52 3,578.85	20.00% 715.77	43.82 4,294.62
USR HP 14X73 Piling - Pile Test, 52 ft	3.00	EA	Subcontractor - Pile Driving ND	5,000.00 15,000.00	5,000.00 15,000.00	6,250.00 18,750.00	7,511.88 22,535.63	20.00% 4,507.13	9,014.25 27,042.75
110504020202 Concrete - Footing	705.00	CY	Subcontractor - Concrete ND	142.57 100,510.40	150.98 106,442.03	188.73 133,052.54	226.83 159,915.85	31,983.17	272.20 191,899.02
USR BARR Concrete - Footing - Form, Strip and Cure	800.00	SF	Subcontractor - Concrete ND	8.15 6,518.62	9.42 7,537.28	11.78 9,421.60	14.15 11,323.83	20.00% 2,264.77	16.99 13,588.59
USR BARR Concrete - Footing - Pour	705.00	CY	Subcontractor - Concrete ND	128.00 90,241.18	134.70 94,966.62	168.38 118,708.27	202.38 142,675.47	20.00% 28,535.09	242.85 171,210.57
USR BARR Concrete - 5% Waste	35.25	CY	Subcontractor - Concrete ND	106.40 3,750.60	111.72 3,938.13	139.65 4,922.66	167.85 5,916.55	20.00% 1,183.31	201.41 7,099.86
110504020203 Concrete - Wall	752.00	CY	Subcontractor - Concrete ND	1,974.93 1,485,147.73	2,301.05 1,730,391.82	2,876.32 2,162,989.77	3,457.04 2,599,697.41	519,939.48	4,148.45 3,119,636.89
USR BARR Concrete - Wall- Build Forms	2,000.00	SF	Subcontractor - Concrete ND	1.93 3,865.00	2.44 4,879.22	3.05 6,099.02	3.67 7,330.41	20.00% 1,466.08	4.40 8,796.50
USR BARR Concrete - Wall - Assemble and Modify Forms	2.00	EA	Subcontractor - Concrete ND	229.78 459.55	280.84 561.68	351.05 702.10	421.93 843.86	20.00% 168.77	506.32 1,012.63
				9.19	10.78	13.47	16.19	20.00%	19.43

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Wall - Form, Strip and Cure	150,000.00	SF	Subcontractor - Concrete ND	1,377,801.67	1,616,550.74	2,020,688.43	2,428,665.42	485,733.08	2,914,398.50
				131.50	138.38	172.97	207.90	20.00%	249.48
USR BARR Concrete - Wall - Pour	752.00	CY	Subcontractor - Concrete ND	98,889.25	104,061.33	130,076.66	156,339.13	31,267.83	187,606.96
				109.90	115.40	144.24	173.37	20.00%	208.04
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	37.60	CY	Subcontractor - Concrete ND	4,132.24	4,338.85	5,423.57	6,518.58	1,303.72	7,822.30
				0.00	0.00	0.00	0.00		0.00
110504020204 Concrete - Piers	1.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				4.93	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier - Build Forms	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				229.78	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier - Assemble and Modify Forms	0.00	EA	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				12.16	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier- Form, Strip and Cure	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				264.95	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Pier- Pour	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				109.90	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	0.00	CY	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00
				139.99	148.00	185.00	222.36		266.83
110504020205 Concrete - Elevated Deck	85.00	CY	Subcontractor - Concrete ND	11,898.75	12,580.22	15,725.28	18,900.21	3,780.04	22,680.25
				5.05	0.00	0.00	0.00	0.00%	0.00
USR BARR Concrete - Elevated Deck - Form, Strip and Cure	0.00	SF	Subcontractor - Concrete ND	0.00	0.00	0.00	0.00	0.00	0.00

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Concrete - Elevated Deck - Pour	85.00	CY	Subcontractor - Concrete ND	134.49 11,431.68	142.23 12,089.79	177.79 15,112.24	213.69 18,163.40	20.00% 3,632.68	256.42 21,796.08
USR BARR Concrete - Walls, Piers and Elevated Deck - 5% waste	4.25	CY	Subcontractor - Concrete ND	109.90 467.08	115.40 490.43	144.24 613.04	173.37 736.81	20.00% 147.36	208.04 884.17
110504020206 Steel Reinforcement Bars	233,000.00	LB	Subcontractor - Steel Erection ND	1.07 248,777.18	1.22 283,910.22	1.52 354,887.78	1.83 426,539.62	85,307.92	2.20 511,847.55
USR BARR Steel Reinforcement Bars - Furnish and Install	233,000.00	LB	Subcontractor - Steel Erection ND	0.81 188,730.00	0.95 220,443.56	1.18 275,554.45	1.42 331,188.89	20.00% 66,237.78	1.71 397,426.67
USR BARR Steel Reinforcement Bars - Hoist	233,000.00	LB	Subcontractor - Steel Erection ND	0.26 60,047.18	0.27 63,466.66	0.34 79,333.33	0.41 95,350.73	20.00% 19,070.15	0.49 114,420.87
110504020207 Hydraulic Gates - Steel	1.00	EA	Subcontractor - Steel Erection ND	184,809.58 184,809.58	195,177.79 195,177.79	243,972.24 243,972.24	293,230.23 293,230.23	58,646.05	351,876.28 351,876.28
USR BARR Hydraulic Gates - Steel - Furnish	100.00	SF	Subcontractor - Steel Erection ND	400.00 40,000.00	420.00 42,000.00	525.00 52,500.00	631.00 63,099.75	20.00% 12,619.95	757.20 75,719.70
USR BARR Hydraulic Gates - Steel - Install	1.00	EA	Subcontractor - Steel Erection ND	44,809.58 44,809.58	53,177.79 53,177.79	66,472.24 66,472.24	79,892.98 79,892.98	20.00% 15,978.60	95,871.58 95,871.58
USR BARR Hydraulic Gate Hoist - Furnish and Install	1.00	EA	Subcontractor - Steel Erection ND	100,000.00 100,000.00	100,000.00 100,000.00	125,000.00 125,000.00	150,237.50 150,237.50	20.00% 30,047.50	180,285.00 180,285.00
110504020208 Bulkheads - Steel	1.00	LS	Subcontractor - Steel Erection ND	13,400.00	14,003.00	17,503.75	21,037.76	4,207.55	25,245.31
USR BARR Bulkheads - Steel - Furnish	1.00	LS	Subcontractor - Steel Erection ND	13,400.00	14,003.00	17,503.75	21,037.76	4,207.55	25,245.31
110504020209 Bridge Railing	100.00	LF	Subcontractor - Steel Erection ND	40.00 4,000.00	41.00 4,100.00	51.25 5,125.00	61.60 6,159.74	1,231.95	73.92 7,391.69

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Bridge Railing - Furnish and Install	100.00	LF	Subcontractor - Steel Erection ND	40.00 4,000.00	41.00 4,100.00	51.25 5,125.00	61.60 6,159.74	20.00% 1,231.95	73.92 7,391.69
110504020210 Steel Sheetpile	900.00	SF	Subcontractor - Pile Driving ND	31.74 28,569.80	35.13 31,618.00	43.91 39,522.51	52.78 47,502.10	9,500.42	63.34 57,002.52
USR BARR Sheet Piling - Furnish	900.00	SF	Subcontractor - Pile Driving ND	17.50 15,750.00	18.38 16,537.50	22.97 20,671.88	27.61 24,845.53	20.00% 4,969.11	33.13 29,814.63
USR BARR Sheet Piling - Unload Sheeting	1.00	EA	Subcontractor - Pile Driving ND	212.33 212.33	263.09 263.09	328.87 328.87	395.26 395.26	20.00% 79.05	474.32 474.32
USR BARR Sheet Piling - Set up Rig	1.00	EA	Subcontractor - Pile Driving ND	2,406.95 2,406.95	2,816.54 2,816.54	3,520.68 3,520.68	4,231.51 4,231.51	20.00% 846.30	5,077.81 5,077.81
USR BARR Sheet Piling - Drive Sheets	61.00	EA	Subcontractor - Pile Driving ND	160.46 9,788.25	187.77 11,453.95	234.71 14,317.44	282.10 17,208.13	20.00% 3,441.63	338.52 20,649.75
USR BARR Sheet Piling - Cut Sheets	30.00	EA	Subcontractor - Pile Driving ND	13.74 412.28	18.23 546.92	22.79 683.65	27.39 821.68	20.00% 164.34	32.87 986.01
110504020211 Structural Aggregate Backfill	1,000.00	ECY	Subcontractor - Excavation - Earth ND	20.82 20,818.78	21.87 21,874.19	26.69 26,686.51	32.07 32,074.52	6,414.90	38.49 38,489.43
USR BARR Aggregate Base - Class V - Furnish and Install	1,000.00	ECY	Subcontractor - Excavation - Earth ND	20.82 20,818.78	21.87 21,874.19	26.69 26,686.51	32.07 32,074.52	20.00% 6,414.90	38.49 38,489.43
11050403 Riprap	1.00	EA	Subcontractor - Excavation - Earth ND	42,619.55 42,619.55	44,754.77 44,754.77	54,600.82 54,600.82	65,624.73 65,624.73	13,124.95	78,749.68 78,749.68
USR BARR Select Granular Aggregate - Furnish and Install	200.00	CY	Subcontractor - Excavation - Earth ND	56.82 11,363.76	59.67 11,934.84	72.80 14,560.50	87.50 17,500.27	20.00% 3,500.05	105.00 21,000.32
				78.14	82.05	100.10	120.31	20.00%	144.37

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR BARR Riprap - Furnish and Install	400.00	CY	Subcontractor - Excavation - Earth ND	31,255.80	32,819.94	40,040.32	48,124.46	9,624.89	57,749.36
11050404 Miscellaneous Features	1.00	EA	Subcontractor - Excavation - Earth ND	170,450.00	174,711.25	213,147.73	256,182.25	51,236.45	307,418.70
USR BARR Mechanical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Electrical - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	33,500.00	34,337.50	41,891.75	50,349.69	10,069.94	60,419.63
USR BARR Safety Features - Miscellaneous	1.00	LS	Subcontractor - Excavation - Earth ND	6,700.00	6,867.50	8,378.35	10,069.94	2,013.99	12,083.93
USR BARR SCADA (Supervisory Control and Data Aquisition) Sytem	1.00	LS	Subcontractor - Excavation - Earth ND	16,750.00	17,168.75	20,945.88	25,174.85	5,034.97	30,209.82
USR BARR Equipment Storage Shed	2,000.00	SF	Subcontractor - Excavation - Earth ND	80,000.00	82,000.00	100,040.00	120,238.08	24,047.62	144,285.69
110505 Road Raise for LPP SA1 Levees ND	1.00	LS	Subcontractor - Excavation - Earth ND	1,322,400.00	1,355,460.00	1,653,661.20	1,987,535.40	397,507.08	2,385,042.48
USR Road Raise for LPP SA1 Levees ND	1.00	LS	Subcontractor - Excavation - Earth ND	1,322,400.00	1,355,460.00	1,653,661.20	1,987,535.40	397,507.08	2,385,042.48
14 Recreation Facilities	1.00	LS	Prime - Management (Excavation - Earth) ND	142,920,688.78	143,350,883.47	19,321,855.18	151,743,937.74	0.00	151,743,937.74
Multi-Purpose Trails	19.00	MI	Subcontractor - Recreation ND	3,600,829.25	3,855,624.38	5,023,493.01	6,037,736.25	0.00	6,037,736.25
Compacted 12-inch Subgrade	59,470.00	CY	Subcontractor - Recreation ND	120,806.60	131,897.73	171,849.55	206,545.97	0.00	206,545.97

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312323170020 Fill, dumped material, spread, by dozer, excludes compaction	77,311.00	LCY	Subcontractor - Recreation ND	1.42 109,957.17	1.54 119,286.79	2.01 155,418.76	2.42 186,797.81	0.00% 0.00	2.42 186,797.81
RSM 312323235060 Compaction, riding, vibrating roller, 2 passes, 12" lifts	59,470.00	ECY	Subcontractor - Recreation ND	0.18 10,849.43	0.21 12,610.94	0.28 16,430.79	0.33 19,748.16	0.00% 0.00	0.33 19,748.16
Class 5 Aggregate Base	111,473.00	SY	Subcontractor - Recreation ND	7.00 780,379.76	7.41 826,006.97	9.65 1,076,204.49	11.60 1,293,490.17	0.00	11.60 1,293,490.17
RSM 321123230300 Base course drainage layers, aggregate base course for roadways and large paved areas, stone base, compacted, 3/4" stone base, to 12" deep	111,473.00	SY	Subcontractor - Recreation ND	7.00 780,379.76	7.41 826,006.97	9.65 1,076,204.49	11.60 1,293,490.17	0.00% 0.00	11.60 1,293,490.17
10-foot Wide Bituminous Trail	1,003,200.00	SF	Subcontractor - Recreation ND	2.34 2,351,249.77	2.52 2,524,854.56	3.28 3,289,633.00	3.94 3,953,809.91	0.00	3.94 3,953,809.91
RSM 321216140600 Asphaltic concrete, parking lots & driveways, base course, 4 "	1,003,200.00	SF	Subcontractor - Recreation ND	1.54 1,543,576.63	1.66 1,660,639.25	2.16 2,163,646.88	2.59 2,600,487.19	0.00% 0.00	2.59 2,600,487.19
RSM 321216130380 Plant-mix asphalt paving, for highways and large paved areas, wearing course, 2" thick	111,466.67	SY	Subcontractor - Recreation ND	7.25 807,673.14	7.75 864,215.31	10.10 1,125,986.12	12.14 1,353,322.72	0.00% 0.00	12.14 1,353,322.72
Turf Shoulders	601,920.00	SF	Subcontractor - Recreation ND	0.47 285,553.15	0.51 307,806.77	0.67 401,041.44	0.80 482,011.70	0.00	0.80 482,011.70
Topsoil for Turf Shoulders	66,880.00	SY	Subcontractor - Recreation ND	3.49 233,269.92	3.76 251,474.26	4.90 327,645.81	5.89 393,797.50	0.00	5.89 393,797.50
				31.39	33.84	44.09	52.99	0.00%	52.99

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
HNC 329119130705 Loam or topsoil, imported topsoil, 4" deep, furnish and place	7,431.11	LCY	Subcontractor - Recreation ND	233,269.92	251,474.26	327,645.81	393,797.50	0.00	393,797.50
Seeding for Turf Shoulders	692,208.00	SF	Subcontractor - Recreation ND	52,283.23	56,332.51	73,395.62	88,214.20	0.00	88,214.20
RSM 329219130020 Seeding, mechanical seeding, 215 lb/acre	15.89	ACR	Subcontractor - Recreation ND	14,520.17	16,108.24	20,987.43	25,224.79	0.00	25,224.79
RSM 329113160650 Soil preparation, mulching, oat straw, 1" deep, power mulcher, small	692.21	MSF	Subcontractor - Recreation ND	37,763.06	40,224.27	52,408.20	62,989.41	0.00	62,989.41
Park Benches	19.00	EA	Subcontractor - Recreation ND	30,348.14	31,234.69	40,695.68	48,912.14	0.00	48,912.14
Benches	19.00	EA	Subcontractor - Recreation ND	25,175.00	25,175.00	32,800.51	39,422.93	0.00	39,422.93
USR Park Bench	19.00	EA	Subcontractor - Recreation ND	25,175.00	25,175.00	32,800.51	39,422.93	0.00	39,422.93
Concrete Pad for Bench	19.00	EA	Subcontractor - Recreation ND	5,173.14	6,059.69	7,895.17	9,489.21	0.00	9,489.21
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	67.56	SY	Subcontractor - Recreation ND	1,828.25	2,003.77	2,610.71	3,137.81	0.00	3,137.81
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	608.00	SF	Subcontractor - Recreation ND	3,344.89	4,055.93	5,284.47	6,351.40	0.00	6,351.40

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
Trash Receptacles	19.00	EA	Subcontractor - Recreation ND	<i>1,401.58</i> 26,629.95	<i>1,414.70</i> 26,879.29	<i>1,843.21</i> 35,021.03	<i>2,215.36</i> 42,091.77	0.00	<i>2,215.36</i> 42,091.77
Trash Cans	19.00	EA	Subcontractor - Recreation ND	<i>1,325.00</i> 25,175.00	<i>1,325.00</i> 25,175.00	<i>1,726.34</i> 32,800.51	<i>2,074.89</i> 39,422.93	0.00	<i>2,074.89</i> 39,422.93
USR Trash Cans	19.00	EA	Subcontractor - Recreation ND	<i>1,325.00</i> 25,175.00	<i>1,325.00</i> 25,175.00	<i>1,726.34</i> 32,800.51	<i>2,074.89</i> 39,422.93	<i>0.00%</i> 0.00	<i>2,074.89</i> 39,422.93
Concrete Pad for Trash Cans	19.00	EA	Subcontractor - Recreation ND	<i>76.58</i> 1,454.95	<i>89.70</i> 1,704.29	<i>116.87</i> 2,220.52	<i>140.47</i> 2,668.84	0.00	<i>140.47</i> 2,668.84
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	19.00	SY	Subcontractor - Recreation ND	<i>27.06</i> 514.20	<i>29.66</i> 563.56	<i>38.65</i> 734.26	<i>46.45</i> 882.51	<i>0.00%</i> 0.00	<i>46.45</i> 882.51
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	171.00	SF	Subcontractor - Recreation ND	<i>5.50</i> 940.75	<i>6.67</i> 1,140.73	<i>8.69</i> 1,486.26	<i>10.45</i> 1,786.33	<i>0.00%</i> 0.00	<i>10.45</i> 1,786.33
Trail Signage	76.00	EA	Subcontractor - Recreation ND	<i>77.13</i> 5,861.88	<i>91.37</i> 6,944.38	<i>119.05</i> 9,047.83	<i>143.09</i> 10,874.58	0.00	<i>143.09</i> 10,874.58
HNC 101453200570 Signs, stock, reflectorized, UTMCD standard, information sign, 12" x 18", with posts	76.00	EA	Subcontractor - Recreation ND	<i>77.13</i> 5,861.88	<i>91.37</i> 6,944.38	<i>119.05</i> 9,047.83	<i>143.09</i> 10,874.58	<i>0.00%</i> 0.00	<i>143.09</i> 10,874.58
Soft Trails	25.00	MI	Subcontractor - Recreation ND	<i>63,904.87</i> 1,597,621.66	<i>68,341.19</i> 1,708,529.63	<i>89,041.73</i> 2,226,043.26	<i>107,019.26</i> 2,675,481.39	0.00	<i>107,019.26</i> 2,675,481.39
Compacted 12-inch Subgrade	78,250.00	CY	Subcontractor - Recreation ND	<i>2.03</i> 158,956.05	<i>2.22</i> 173,549.64	<i>2.89</i> 226,117.83	<i>3.47</i> 271,771.02	0.00	<i>3.47</i> 271,771.02

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312323170020 Fill, dumped material, spread, by dozer, excludes compaction	101,725.00	LCY	Subcontractor - Recreation ND	144,680.49	156,956.30	204,498.37	245,786.59	0.00%	245,786.59
RSM 312323235060 Compaction, riding, vibrating roller, 2 passes, 12" lifts	78,250.00	ECY	Subcontractor - Recreation ND	14,275.57	16,593.34	21,619.46	25,984.43	0.00%	25,984.43
Class 5 Aggregate Base	146,675.00	SY	Subcontractor - Recreation ND	563,308.00	598,777.23	780,146.85	937,658.50	0.00%	937,658.50
RSM 321123230100 Base course drainage layers, aggregate base course for roadways and large paved areas, stone base, compacted, 3/4" stone base, to 6" deep	146,675.00	SY	Subcontractor - Recreation ND	563,308.00	598,777.23	780,146.85	937,658.50	0.00%	937,658.50
10-foot Wide Aggregate Trail	146,675.00	SY	Subcontractor - Recreation ND	414,215.69	442,087.09	575,995.26	692,288.71	0.00%	692,288.71
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	146,675.00	SY	Subcontractor - Recreation ND	414,215.69	442,087.09	575,995.26	692,288.71	0.00%	692,288.71
Turf Shoulders	792,000.00	SF	Subcontractor - Recreation ND	375,727.83	405,008.91	527,686.10	634,225.93	0.00%	634,225.93
Topsoil for Turf Shoulders	88,000.00	SY	Subcontractor - Recreation ND	306,934.10	330,887.19	431,112.91	518,154.61	0.00%	518,154.61
HNC 329119130705 Loam or topsoil, imported topsoil, 4" deep, furnish and place	9,777.78	LCY	Subcontractor - Recreation ND	306,934.10	330,887.19	431,112.91	518,154.61	0.00%	518,154.61
Seeding for Turf Shoulders	910,800.00	SF	Subcontractor - Recreation ND	68,793.72	74,121.72	96,573.19	116,071.32	0.00%	116,071.32

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 329219130020 Seeding, mechanical seeding, 215 lb/acre	20.91	ACR	Subcontractor - Recreation ND	913.74 19,105.49	1,013.68 21,195.05	1,320.72 27,615.04	1,587.37 33,190.51	0.00% 0.00	1,587.37 33,190.51
RSM 329113160650 Soil preparation, mulching, oat straw, 1" deep, power mulcher, small	910.80	MSF	Subcontractor - Recreation ND	54.55 49,688.24	58.11 52,926.67	75.71 68,958.15	91.00 82,880.81	0.00% 0.00	91.00 82,880.81
Park Benches	25.00	EA	Subcontractor - Recreation ND	1,597.27 39,931.77	1,643.93 41,098.28	2,141.88 53,546.95	2,574.32 64,358.08	0.00	2,574.32 64,358.08
Benches	25.00	EA	Subcontractor - Recreation ND	1,325.00 33,125.00	1,325.00 33,125.00	1,726.34 43,158.56	2,074.89 51,872.28	0.00	2,074.89 51,872.28
USR Park Bench	25.00	EA	Subcontractor - Recreation ND	1,325.00 33,125.00	1,325.00 33,125.00	1,726.34 43,158.56	2,074.89 51,872.28	0.00% 0.00	2,074.89 51,872.28
Concrete Pad for Bench	25.00	EA	Subcontractor - Recreation ND	272.27 6,806.77	318.93 7,973.28	415.54 10,388.39	499.43 12,485.80	0.00	499.43 12,485.80
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	88.89	SY	Subcontractor - Recreation ND	27.06 2,405.60	29.66 2,636.53	38.65 3,435.14	46.45 4,128.69	0.00% 0.00	46.45 4,128.69
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	800.00	SF	Subcontractor - Recreation ND	5.50 4,401.17	6.67 5,336.75	8.69 6,953.25	10.45 8,357.11	0.00% 0.00	10.45 8,357.11
Trash Receptacles	25.00	EA	Subcontractor - Recreation ND	1,510.77 37,769.32	1,554.85 38,871.16	2,025.81 50,645.23	2,434.82 60,870.50	0.00	2,434.82 60,870.50
Trash Cans	25.00	EA	Subcontractor - Recreation ND	1,325.00 33,125.00	1,325.00 33,125.00	1,726.34 43,158.56	2,074.89 51,872.28	0.00	2,074.89 51,872.28

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR Trash Cans	25.00	EA	Subcontractor - Recreation ND	1,325.00 33,125.00	1,325.00 33,125.00	1,726.34 43,158.56	2,074.89 51,872.28	0.00% 0.00	2,074.89 51,872.28
Concrete Pad for Trash Cans	25.00	EA	Subcontractor - Recreation ND	185.77 4,644.32	229.85 5,746.16	299.47 7,486.67	359.93 8,998.23	0.00	359.93 8,998.23
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	25.00	SY	Subcontractor - Recreation ND	27.06 676.57	29.66 741.53	38.65 966.13	46.45 1,161.20	0.00% 0.00	46.45 1,161.20
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	225.00	SF	Subcontractor - Recreation ND	17.63 3,967.75	22.24 5,004.63	28.98 6,520.53	34.83 7,837.03	0.00% 0.00	34.83 7,837.03
Trail Signage	100.00	EA	Subcontractor - Recreation ND	77.13 7,713.00	91.37 9,137.34	119.05 11,905.04	143.09 14,308.66	0.00	143.09 14,308.66
HNC 101453200570 Signs, stock, reflectorized, UTMCD standard, information sign, 12" x 18", with posts	100.00	EA	Subcontractor - Recreation ND	77.13 7,713.00	91.37 9,137.34	119.05 11,905.04	143.09 14,308.66	0.00% 0.00	143.09 14,308.66
Pedestrian Trail River Crossings	3.00	EA	Subcontractor - Recreation ND	1,820,000.00 5,460,000.00	1,820,000.00 5,460,000.00	2,371,278.00 7,113,834.00	2,850,039.03 8,550,117.08	0.00	2,850,039.03 8,550,117.08
USR Pedestrian Trail Bridge	3.00	EA	Subcontractor - Recreation ND	1,820,000.00 5,460,000.00	1,820,000.00 5,460,000.00	2,371,278.00 7,113,834.00	2,850,039.03 8,550,117.08	0.00% 0.00	2,850,039.03 8,550,117.08
Trailhead Facilities	3.00	EA	Subcontractor - Recreation ND	99,029.54 297,088.62	106,221.90 318,665.69	138,396.51 415,189.53	166,338.76 499,016.29	0.00	166,338.76 499,016.29
Picnic Tables	15.00	EA	Subcontractor - Recreation ND	3,846.23 57,693.46	4,129.77 61,946.52	5,380.67 80,710.12	6,467.03 97,005.49	0.00	6,467.03 97,005.49

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
Tables	15.00	EA	Subcontractor - Recreation ND	47,483.31	49,986.60	65,127.54	78,276.79	0.00	78,276.79
				3,165.55	3,332.44	4,341.84	5,218.45		5,218.45
USR Picnic Tables	15.00	EA	Subcontractor - Recreation ND	46,440.00	48,762.00	63,532.01	76,359.12	0.00%	76,359.12
				3,096.00	3,250.80	4,235.47	5,090.61	0.00%	5,090.61
USR Install Picnic Tables	15.00	EA	Subcontractor - Recreation ND	1,043.31	1,224.60	1,595.53	1,917.67	0.00%	1,917.67
				69.55	81.64	106.37	127.84	0.00%	127.84
Concrete Pad for Tables	15.00	EA	Subcontractor - Recreation ND	10,210.15	11,959.92	15,582.58	18,728.70	0.00	18,728.70
				680.68	797.33	1,038.84	1,248.58		1,248.58
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	133.33	SY	Subcontractor - Recreation ND	3,608.39	3,954.80	5,152.71	6,193.04	0.00%	6,193.04
				27.06	29.66	38.65	46.45	0.00%	46.45
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	1,200.00	SF	Subcontractor - Recreation ND	6,601.76	8,005.12	10,429.87	12,535.66	0.00%	12,535.66
				5.50	6.67	8.69	10.45	0.00%	10.45
Park Benches	12.00	EA	Subcontractor - Recreation ND	19,167.25	19,727.17	25,702.54	30,891.88	0.00	30,891.88
				1,597.27	1,643.93	2,141.88	2,574.32		2,574.32
Benches	12.00	EA	Subcontractor - Recreation ND	15,900.00	15,900.00	20,716.11	24,898.69	0.00	24,898.69
				1,325.00	1,325.00	1,726.34	2,074.89		2,074.89
USR Park Bench	12.00	EA	Subcontractor - Recreation ND	15,900.00	15,900.00	20,716.11	24,898.69	0.00%	24,898.69
				1,325.00	1,325.00	1,726.34	2,074.89	0.00%	2,074.89
Concrete Pad for Bench	12.00	EA	Subcontractor - Recreation ND	3,267.25	3,827.17	4,986.43	5,993.18	0.00	5,993.18
				272.27	318.93	415.54	499.43		499.43
				27.06	29.66	38.65	46.45	0.00%	46.45

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	42.67	SY	Subcontractor - Recreation ND	1,154.69	1,265.54	1,648.87	1,981.77	0.00	1,981.77
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	384.00	SF	Subcontractor - Recreation ND	5.50 2,112.56	6.67 2,561.64	8.69 3,337.56	10.45 4,011.41	0.00% 0.00	10.45 4,011.41
Restroom Facility	3.00	EA	Subcontractor - Recreation ND	52,886.67 158,660.01	56,925.97 170,777.91	74,168.85 222,506.54	89,143.54 267,430.61	0.00	89,143.54 267,430.61
USR Excavate for Vault	3.00	EA	Subcontractor - Recreation ND	314.42 943.25	392.52 1,177.56	511.41 1,534.24	614.67 1,844.00	0.00% 0.00	614.67 1,844.00
RSM 333613100200 Utility Septic Tank and Effluent Wet Wells, septic tanks precast concrete, 5,000 gallon, excludes excavation or piping	3.00	EA	Subcontractor - Recreation ND	8,083.63 24,250.89	8,646.18 25,938.55	11,265.11 33,795.33	13,539.54 40,618.61	0.00% 0.00	13,539.54 40,618.61
RSM 133423100400 Comfort Stations, prefab, stock, w/doors, windows and fixtures, permanent, incl. concrete slab, excl. int. finish or electrical, min	480.00	SF	Subcontractor - Recreation ND	163.42 78,440.25	174.52 83,769.11	227.38 109,142.77	273.29 131,178.69	0.00% 0.00	273.29 131,178.69
RSM 102113132000 Toilet cubicles, floor mounted, stainless steel	9.00	EA	Subcontractor - Recreation ND	1,567.14 14,104.29	1,671.05 15,039.45	2,177.21 19,594.90	2,616.79 23,551.11	0.00% 0.00	2,616.79 23,551.11
RSM 102813131000 Toilet Accessories, grab bars, straight, stainless steel, 30" long	12.00	EA	Subcontractor - Recreation ND	48.64 583.64	55.13 661.60	71.83 861.99	86.34 1,036.03	0.00% 0.00	86.34 1,036.03

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
HNC 102813136820 Toilet Accessories, towel dispenser & receptacle	6.00	EA	Subcontractor - Recreation ND	399.21 2,395.24	430.35 2,582.07	560.70 3,364.18	673.90 4,043.41	0.00% 0.00	673.90 4,043.41
RSM 224139100300 Faucets/fittings, bath, faucets, three valve combinations, spout, head, arm and flange, soldered	6.00	EA	Subcontractor - Recreation ND	132.89 797.32	160.16 960.97	208.67 1,252.05	250.81 1,504.83	0.00% 0.00	250.81 1,504.83
RSM 233423106675 Fans, residential, bath exhaust, grille, back draft damper, 300 CFM	6.00	EA	Subcontractor - Recreation ND	288.18 1,729.06	312.74 1,876.41	407.46 2,444.78	489.73 2,938.38	0.00% 0.00	489.73 2,938.38
RSM 224239100972 Faucets/fittings, flush valve, automatic flush sensor and operator for urinals or waterclosets	3.00	EA	Subcontractor - Recreation ND	465.29 1,395.87	504.03 1,512.08	656.70 1,970.09	789.28 2,367.85	0.00% 0.00	789.28 2,367.85
RSM 224216205910 Sink, scullery sink, stainless steel, and drain board, 1 bowl, 43" x 22" OD, excludes faucet and drain	6.00	EA	Subcontractor - Recreation ND	2,778.92 16,673.52	2,955.52 17,733.12	3,850.75 23,104.49	4,628.21 27,769.28	0.00% 0.00	4,628.21 27,769.28
RSM 224213403100 Water closet, bowl only, wall hung, includes flush valve and seat	9.00	EA	Subcontractor - Recreation ND	473.30 4,259.74	532.03 4,788.25	693.18 6,238.61	833.13 7,498.19	0.00% 0.00	833.13 7,498.19
RSM 224213303100 Urinal, wall hung, vitreous china, with hanger & self-closing valve, siphon jet type	3.00	EA	Subcontractor - Recreation ND	617.06 1,851.17	715.69 2,147.06	932.47 2,797.41	1,120.73 3,362.20	0.00% 0.00	1,120.73 3,362.20
RSM 102813135000 Toilet Accessories, soap dispenser, stainless steel, recessed, liquid	6.00	EA	Subcontractor - Recreation ND	205.00 1,230.00	224.19 1,345.15	292.10 1,752.60	351.08 2,106.45	0.00% 0.00	351.08 2,106.45

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
HNC 102813135750 Toilet Accessories, shelf, stainless steel, 6" w x 18" long	6.00	LF	Subcontractor - Recreation ND	80.88 485.27	89.89 539.34	117.12 702.70	140.76 844.58	0.00% 0.00	140.76 844.58
RSM 102813136200 Toilet Accessories, toilet tissue dispenser, stainless steel, surface mounted, double roll	9.00	EA	Subcontractor - Recreation ND	38.58 347.25	44.24 398.15	57.64 518.75	69.28 623.48	0.00% 0.00	69.28 623.48
RSM 102813130400 Toilet Accessories, diaper changing station, plastic, wall mounted, horizontal	6.00	EA	Subcontractor - Recreation ND	289.00 1,734.00	312.39 1,874.35	407.02 2,442.10	489.19 2,935.16	0.00% 0.00	489.19 2,935.16
HNC 096613101650 Cast-in -Place Terrazzo, floor, bonded to concrete, white cement, 1-3/4 thick, with 5/8" topping	480.00	SF	Subcontractor - Recreation ND	8.42 4,041.77	10.00 4,800.25	13.03 6,254.24	15.66 7,516.98	0.00% 0.00	15.66 7,516.98
RSM 102813138100 Toilet Accessories, waste receptacle, stainless steel, w/top, 36 gallon	6.00	EA	Subcontractor - Recreation ND	566.25 3,397.50	605.74 3,634.44	789.22 4,735.32	948.56 5,691.38	0.00% 0.00	948.56 5,691.38
Drinking Fountains	3.00	EA	Subcontractor - Recreation ND	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
RSM 224713104600 Drinking fountain, wall mounted, semi-recessed, stainless steel, satin finish, single bubbler, for connection to cold water supply	0.00	EA	Subcontractor - Recreation ND	985.58 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00% 0.00	0.00 0.00
Picnic Grills	9.00	EA	Subcontractor - Recreation ND	482.11 4,338.97	523.43 4,710.87	681.98 6,137.79	819.67 7,377.01	0.00	819.67 7,377.01
USR Picnic Grill	9.00	EA	Subcontractor - Recreation ND	343.00 3,087.00	360.15 3,241.35	469.24 4,223.15	563.98 5,075.81	0.00% 0.00	563.98 5,075.81

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR Install Picnic Grills	9.00	EA	Subcontractor - Recreation ND	139.11 1,251.97	163.28 1,469.52	212.74 1,914.64	255.69 2,301.20	0.00% 0.00	255.69 2,301.20
Bike Rack	18.00	EA	Subcontractor - Recreation ND	681.91 12,274.32	737.00 13,265.94	960.23 17,284.19	1,154.10 20,773.87	0.00	1,154.10 20,773.87
RSM 116813100200 Playground equipment, bike rack, permanent, 10' long	18.00	EA	Subcontractor - Recreation ND	681.91 12,274.32	737.00 13,265.94	960.23 17,284.19	1,154.10 20,773.87	0.00% 0.00	1,154.10 20,773.87
Trash Receptacles	9.00	EA	Subcontractor - Recreation ND	1,510.77 13,596.96	1,554.85 13,993.62	2,025.81 18,232.28	2,434.82 21,913.38	0.00	2,434.82 21,913.38
Trash Cans	9.00	EA	Subcontractor - Recreation ND	1,325.00 11,925.00	1,325.00 11,925.00	1,726.34 15,537.08	2,074.89 18,674.02	0.00	2,074.89 18,674.02
USR Trash Cans	9.00	EA	Subcontractor - Recreation ND	1,325.00 11,925.00	1,325.00 11,925.00	1,726.34 15,537.08	2,074.89 18,674.02	0.00% 0.00	2,074.89 18,674.02
Concrete Pad for Trash Cans	9.00	EA	Subcontractor - Recreation ND	185.77 1,671.96	229.85 2,068.62	299.47 2,695.20	359.93 3,239.36	0.00	359.93 3,239.36
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	9.00	SY	Subcontractor - Recreation ND	27.06 243.57	29.66 266.95	38.65 347.81	46.45 418.03	0.00% 0.00	46.45 418.03
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	81.00	SF	Subcontractor - Recreation ND	17.63 1,428.39	22.24 1,801.67	28.98 2,347.39	34.83 2,821.33	0.00% 0.00	34.83 2,821.33
Recycling Receptacles	3.00	EA	Subcontractor - Recreation ND	1,579.93 4,739.80	1,630.65 4,891.94	2,124.57 6,373.71	2,553.52 7,660.56	0.00	2,553.52 7,660.56
Trash Cans	3.00	EA	Subcontractor - Recreation ND	1,325.00 3,975.00	1,325.00 3,975.00	1,726.34 5,179.03	2,074.89 6,224.67	0.00	2,074.89 6,224.67

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
USR Trash Cans	3.00	EA	Subcontractor - Recreation ND	1,325.00 3,975.00	1,325.00 3,975.00	1,726.34 5,179.03	2,074.89 6,224.67	0.00% 0.00	2,074.89 6,224.67
Concrete Pad for Trash Cans	3.00	EA	Subcontractor - Recreation ND	254.93 764.80	305.65 916.94	398.23 1,194.68	478.63 1,435.89	0.00	478.63 1,435.89
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	10.67	SY	Subcontractor - Recreation ND	27.06 288.67	29.66 316.38	38.65 412.22	46.45 495.44	0.00% 0.00	46.45 495.44
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	27.00	SF	Subcontractor - Recreation ND	17.63 476.13	22.24 600.56	28.98 782.46	34.83 940.44	0.00% 0.00	34.83 940.44
Information Kiosks	3.00	EA	Subcontractor - Recreation ND	8,872.61 26,617.84	9,783.91 29,351.72	12,747.45 38,242.35	15,321.16 45,963.48	0.00	15,321.16 45,963.48
RSM 133423450100 Kiosks, round, fiberglass, 5' dia x 8' h, 1" insulated double wall	3.00	EA	Subcontractor - Recreation ND	6,375.00 19,125.00	6,693.75 20,081.25	8,721.29 26,163.86	10,482.11 31,446.34	0.00% 0.00	10,482.11 31,446.34
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	363.00	SF	Subcontractor - Recreation ND	17.63 6,401.30	22.24 8,074.14	28.98 10,519.79	34.83 12,643.74	0.00% 0.00	34.83 12,643.74
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	40.33	SY	Subcontractor - Recreation ND	27.06 1,091.54	29.66 1,196.33	38.65 1,558.69	46.45 1,873.39	0.00% 0.00	46.45 1,873.39

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
Parking Lots	1.00	EA	Subcontractor - Recreation ND	<i>301,410.64</i> 301,410.64	<i>332,702.62</i> 332,702.62	<i>433,478.24</i> 433,478.24	<i>520,997.50</i> 520,997.50	0.00	<i>520,997.50</i> 520,997.50
Car Parking Areas	4.00	EA	Subcontractor - Recreation ND	<i>29,329.82</i> 117,319.29	<i>32,445.95</i> 129,783.78	<i>42,273.82</i> 169,095.29	<i>50,808.91</i> 203,235.63	0.00	<i>50,808.91</i> 203,235.63
Compacted 12-inch Subgrade	1,068.00	CY	Subcontractor - Recreation ND	<i>2.03</i> 2,169.52	<i>2.22</i> 2,368.70	<i>2.89</i> 3,086.18	<i>3.47</i> 3,709.28	0.00	<i>3.47</i> 3,709.28
RSM 312323170020 Fill, dumped material, spread, by dozer, excludes compaction	1,388.40	LCY	Subcontractor - Recreation ND	<i>1.42</i> 1,974.68	<i>1.54</i> 2,142.23	<i>2.01</i> 2,791.11	<i>2.42</i> 3,354.63	<i>0.00%</i> 0.00	<i>2.42</i> 3,354.63
RSM 312323235060 Compaction, riding, vibrating roller, 2 passes, 12" lifts	1,068.00	ECY	Subcontractor - Recreation ND	<i>0.18</i> 194.84	<i>0.21</i> 226.48	<i>0.28</i> 295.07	<i>0.33</i> 354.65	<i>0.00%</i> 0.00	<i>0.33</i> 354.65
Aggregate Sub-Base	3,200.00	SY	Subcontractor - Recreation ND	<i>5.07</i> 16,209.23	<i>5.38</i> 17,205.65	<i>7.01</i> 22,417.24	<i>8.42</i> 26,943.28	0.00	<i>8.42</i> 26,943.28
RSM 321123230100 Base course drainage layers, aggregate base course for roadways and large paved areas, stone base, compacted, 3/4" stone base, to 6" deep	3,734.40	SY	Subcontractor - Recreation ND	<i>4.34</i> 16,209.23	<i>4.61</i> 17,205.65	<i>6.00</i> 22,417.24	<i>7.21</i> 26,943.28	<i>0.00%</i> 0.00	<i>7.21</i> 26,943.28
Aggregate Base	3,200.00	SY	Subcontractor - Recreation ND	<i>2.82</i> 9,036.92	<i>3.01</i> 9,644.99	<i>3.93</i> 12,566.46	<i>4.72</i> 15,103.62	0.00	<i>4.72</i> 15,103.62
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	3,200.00	SY	Subcontractor - Recreation ND	<i>2.82</i> 9,036.92	<i>3.01</i> 9,644.99	<i>3.93</i> 12,566.46	<i>4.72</i> 15,103.62	<i>0.00%</i> 0.00	<i>4.72</i> 15,103.62
Aggregate Surface Course	3,200.00	SY	Subcontractor - Recreation ND	<i>1.82</i> 5,836.92	<i>1.96</i> 6,284.99	<i>2.56</i> 8,188.71	<i>3.08</i> 9,842.01	0.00	<i>3.08</i> 9,842.01

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	3,200.00	SY	Subcontractor - Recreation ND	1.82 5,836.92	1.96 6,284.99	2.56 8,188.71	3.08 9,842.01	0.00% 0.00	3.08 9,842.01
Barrier Posts	200.00	EA	Subcontractor - Recreation ND	346.40 69,279.43	390.04 78,007.11	508.18 101,635.46	610.78 122,155.66	0.00	610.78 122,155.66
HNC 321713132000 Parking barriers, bollard, concrete filled steel pipe, 8' long, 6" diameter	200.00	EA	Subcontractor - Recreation ND	346.40 69,279.43	390.04 78,007.11	508.18 101,635.46	610.78 122,155.66	0.00% 0.00	610.78 122,155.66
Signs	1.00	LS	Subcontractor - Recreation ND	3,956.27	4,397.19	5,729.10	6,885.81	0.00	6,885.81
HNC 101453200500 Signs, stock, reflectorized, UTMCD standard, stop sign, 24" x 24", with posts	8.00	EA	Subcontractor - Recreation ND	86.37 690.93	101.07 808.57	131.69 1,053.49	158.27 1,266.19	0.00% 0.00	158.27 1,266.19
HNC 101453200580 Signs, stock, reflectorized, UTMCD standard, handicap parking sign, 12" x 18", with posts	8.00	EA	Subcontractor - Recreation ND	77.13 617.04	91.37 730.99	119.05 952.40	143.09 1,144.69	0.00% 0.00	143.09 1,144.69
RSM 101453201800 Signs, highway road signs, aluminum, reflectorized, over 20 S. F., excludes posts	80.00	SF	Subcontractor - Recreation ND	33.10 2,648.30	35.72 2,857.63	46.54 3,723.21	55.94 4,474.92	0.00% 0.00	55.94 4,474.92
Site Work	1,068.00	CY	Subcontractor - Recreation ND	4.89 5,224.69	5.82 6,216.35	7.58 8,099.28	9.11 9,734.53	0.00	9.11 9,734.53
HNC 312213103030 Rough grading, open site, small area, 75 H.P., dozer	1,068.00	BCY	Subcontractor - Recreation ND	0.87 926.91	1.02 1,092.64	1.33 1,423.61	1.60 1,711.03	0.00% 0.00	1.60 1,711.03
				4.02	4.80	6.25	7.51	0.00%	7.51

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 329119130400 Topsoil placement and grading, loam or topsoil, F.E. loader, 1-1/2 C.Y., remove and stockpile on site, spread from pile to rough finish grade	1,068.00	ECY	Subcontractor - Recreation ND	4,297.78	5,123.71	6,675.68	8,023.50	0.00	8,023.50
Trash Receptacles	4.00	EA	Subcontractor - Recreation ND	5,606.30	5,658.80	7,372.85	8,861.43	0.00	8,861.43
Trash Cans	4.00	EA	Subcontractor - Recreation ND	5,300.00	5,300.00	6,905.37	8,299.56	0.00	8,299.56
USR Trash Cans	4.00	EA	Subcontractor - Recreation ND	5,300.00	5,300.00	6,905.37	8,299.56	0.00	8,299.56
Concrete Pad for Trash Cans	4.00	EA	Subcontractor - Recreation ND	306.30	358.80	467.48	561.86	0.00	561.86
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	4.00	SY	Subcontractor - Recreation ND	108.25	118.64	154.58	185.79	0.00	185.79
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	36.00	SF	Subcontractor - Recreation ND	198.05	240.15	312.90	376.07	0.00	376.07
Car / Trailer Parking Areas	2.00	EA	Subcontractor - Recreation ND	184,091.34	202,918.83	264,382.95	317,761.87	0.00	317,761.87
Compacted 12-inch Subgrade	2,670.00	CY	Subcontractor - Recreation ND	5,423.80	5,921.76	7,715.46	9,273.21	0.00	9,273.21
				1.42	1.54	2.01	2.42	0.00%	2.42

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312323170020 Fill, dumped material, spread, by dozer, excludes compaction	3,471.00	LCY	Subcontractor - Recreation ND	4,936.70	5,355.57	6,977.77	8,386.58	0.00	8,386.58
				<i>0.18</i>	<i>0.21</i>	<i>0.28</i>	<i>0.33</i>	<i>0.00%</i>	<i>0.33</i>
RSM 312323235060 Compaction, riding, vibrating roller, 2 passes, 12" lifts	2,670.00	ECY	Subcontractor - Recreation ND	487.10	566.19	737.69	886.63	0.00	886.63
Aggregate Sub-Base	8,000.00	SY	Subcontractor - Recreation ND	40,523.08	43,014.13	56,043.11	67,358.21	0.00	67,358.21
				<i>5.07</i>	<i>5.38</i>	<i>7.01</i>	<i>8.42</i>		<i>8.42</i>
RSM 321123230100 Base course drainage layers, aggregate base course for roadways and large paved areas, stone base, compacted, 3/4" stone base, to 6" deep	9,336.00	SY	Subcontractor - Recreation ND	40,523.08	43,014.13	56,043.11	67,358.21	0.00	67,358.21
				<i>4.34</i>	<i>4.61</i>	<i>6.00</i>	<i>7.21</i>	<i>0.00%</i>	<i>7.21</i>
Aggregate Base	8,000.00	SY	Subcontractor - Recreation ND	22,592.30	24,112.47	31,416.14	37,759.06	0.00	37,759.06
				<i>2.82</i>	<i>3.01</i>	<i>3.93</i>	<i>4.72</i>		<i>4.72</i>
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	8,000.00	SY	Subcontractor - Recreation ND	22,592.30	24,112.47	31,416.14	37,759.06	0.00	37,759.06
				<i>2.82</i>	<i>3.01</i>	<i>3.93</i>	<i>4.72</i>	<i>0.00%</i>	<i>4.72</i>
Aggregate Surface Course	8,000.00	SY	Subcontractor - Recreation ND	14,592.30	15,712.47	20,471.78	24,605.03	0.00	24,605.03
				<i>1.82</i>	<i>1.96</i>	<i>2.56</i>	<i>3.08</i>		<i>3.08</i>
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	8,000.00	SY	Subcontractor - Recreation ND	14,592.30	15,712.47	20,471.78	24,605.03	0.00	24,605.03
				<i>1.82</i>	<i>1.96</i>	<i>2.56</i>	<i>3.08</i>	<i>0.00%</i>	<i>3.08</i>
Barrier Posts	240.00	EA	Subcontractor - Recreation ND	83,135.32	93,608.53	121,962.56	146,586.80	0.00	146,586.80
				<i>346.40</i>	<i>390.04</i>	<i>508.18</i>	<i>610.78</i>		<i>610.78</i>

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
HNC 321713132000 Parking barriers, bollard, concrete filled steel pipe, 8' long, 6" diameter	240.00	EA	Subcontractor - Recreation ND	346.40 83,135.32	390.04 93,608.53	508.18 121,962.56	610.78 146,586.80	0.00% 0.00	610.78 146,586.80
Signs	1.00	LS	Subcontractor - Recreation ND	1,959.66	2,179.20	2,839.28	3,412.53	0.00	3,412.53
HNC 101453200500 Signs, stock, reflectorized, UTMCD standard, stop sign, 24" x 24", with posts	2.00	EA	Subcontractor - Recreation ND	86.37 172.73	101.07 202.14	131.69 263.37	158.27 316.55	0.00% 0.00	158.27 316.55
HNC 101453200580 Signs, stock, reflectorized, UTMCD standard, handicap parking sign, 12" x 18", with posts	6.00	EA	Subcontractor - Recreation ND	77.13 462.78	91.37 548.24	119.05 714.30	143.09 858.52	0.00% 0.00	143.09 858.52
RSM 101453201800 Signs, highway road signs, aluminum, reflectorized, over 20 S. F., excludes posts	40.00	SF	Subcontractor - Recreation ND	33.10 1,324.15	35.72 1,428.82	46.54 1,861.60	55.94 2,237.46	0.00% 0.00	55.94 2,237.46
Site Work	2,670.00	CY	Subcontractor - Recreation ND	4.89 13,061.73	5.82 15,540.88	7.58 20,248.21	9.11 24,336.32	0.00	9.11 24,336.32
HNC 312213103030 Rough grading, open site, small area, 75 H.P., dozer	2,670.00	BCY	Subcontractor - Recreation ND	0.87 2,317.27	1.02 2,731.61	1.33 3,559.02	1.60 4,277.58	0.00% 0.00	1.60 4,277.58
RSM 329119130400 Topsoil placement and grading, loam or topsoil, F.E. loader, 1-1/2 C.Y., remove and stockpile on site, spread from pile to rough finish grade	2,670.00	ECY	Subcontractor - Recreation ND	4.02 10,744.46	4.80 12,809.27	6.25 16,689.19	7.51 20,058.74	0.00% 0.00	7.51 20,058.74
Trash Receptacles	2.00	EA	Subcontractor - Recreation ND	1,401.58 2,803.15	1,414.70 2,829.40	1,843.21 3,686.42	2,215.36 4,430.71	0.00	2,215.36 4,430.71

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
Trash Cans	2.00	EA	Subcontractor - Recreation ND	<i>1,325.00</i> 2,650.00	<i>1,325.00</i> 2,650.00	<i>1,726.34</i> 3,452.69	<i>2,074.89</i> 4,149.78	0.00	<i>2,074.89</i> 4,149.78
USR Trash Cans	2.00	EA	Subcontractor - Recreation ND	<i>1,325.00</i> 2,650.00	<i>1,325.00</i> 2,650.00	<i>1,726.34</i> 3,452.69	<i>2,074.89</i> 4,149.78	<i>0.00%</i> 0.00	<i>2,074.89</i> 4,149.78
Concrete Pad for Trash Cans	2.00	EA	Subcontractor - Recreation ND	<i>76.58</i> 153.15	<i>89.70</i> 179.40	<i>116.87</i> 233.74	<i>140.47</i> 280.93	0.00	<i>140.47</i> 280.93
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	2.00	SY	Subcontractor - Recreation ND	<i>27.06</i> 54.13	<i>29.66</i> 59.32	<i>38.65</i> 77.29	<i>46.45</i> 92.90	<i>0.00%</i> 0.00	<i>46.45</i> 92.90
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	18.00	SF	Subcontractor - Recreation ND	<i>5.50</i> 99.03	<i>6.67</i> 120.08	<i>8.69</i> 156.45	<i>10.45</i> 188.03	<i>0.00%</i> 0.00	<i>10.45</i> 188.03
Recreational Area Landscaping	150.00	ACR	Subcontractor - Recreation ND	<i>20,000.00</i> 3,000,000.00	<i>20,000.00</i> 3,000,000.00	<i>26,058.00</i> 3,908,700.00	<i>31,319.11</i> 4,697,866.53	0.00	<i>31,319.11</i> 4,697,866.53
USR Deciduous and Coniferous Trees	150.00	ACR	Subcontractor - Recreation ND	<i>20,000.00</i> 3,000,000.00	<i>20,000.00</i> 3,000,000.00	<i>26,058.00</i> 3,908,700.00	<i>31,319.11</i> 4,697,866.53	<i>0.00%</i> 0.00	<i>31,319.11</i> 4,697,866.53
30 Planning, Engineering and Design	1.00	LS		128,521,000.00	128,521,000.00	0.00	128,521,000.00	0.00	128,521,000.00
USR PED	1.00	LS		128,521,000.00	128,521,000.00	0.00	128,521,000.00	0.00	128,521,000.00
Wildlife Viewing Overlooks	2.00	EA	Subcontractor - Recreation ND	<i>4,089.26</i> 8,178.53	<i>4,758.78</i> 9,517.56	<i>6,200.21</i> 12,400.43	<i>7,452.04</i> 14,904.08	0.00	<i>7,452.04</i> 14,904.08
RSM 061110204100 Light Framing, platform framing, 2" x 6"	2.00	MBF	Subcontractor - Recreation ND	<i>1,628.95</i> 3,257.89	<i>1,945.72</i> 3,891.45	<i>2,535.08</i> 5,070.17	<i>3,046.92</i> 6,093.83	<i>0.00%</i> 0.00	<i>3,046.92</i> 6,093.83

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 061110140250 6" x 6" wood, column framing	200.00	LF	Subcontractor - Recreation ND	8.71 1,742.79	9.98 1,996.30	13.00 2,600.98	15.63 3,126.12	0.00% 0.00	15.63 3,126.12
RSM 033053403825 Structural concrete, in place, spread footing, 1 C.Y. to 5 C.Y., includes forms(4 uses), reinforcing steel, and finishing	10.00	CY	Subcontractor - Recreation ND	317.78 3,177.84	362.98 3,629.81	472.93 4,729.28	568.41 5,684.12	0.00% 0.00	568.41 5,684.12
Historic Property Markers	6.00	EA	Subcontractor - Recreation ND	6,373.33 38,240.00	6,751.62 40,509.70	8,796.68 52,780.09	10,572.73 63,436.39	0.00% 0.00	10,572.73 63,436.39
HNC 101416104610 Plaques, custom die medallion, cast, 4 S.F.	6.00	EA	Subcontractor - Recreation ND	6,373.33 38,240.00	6,751.62 40,509.70	8,796.68 52,780.09	10,572.73 63,436.39	0.00% 0.00	10,572.73 63,436.39
Interpretive Signage	30.00	EA	Subcontractor - Recreation ND	662.07 19,862.22	714.41 21,432.24	930.80 27,924.06	1,118.73 33,561.93	0.00% 0.00	1,118.73 33,561.93
RSM 101453201800 Signs, highway road signs, aluminum, reflectorized, over 20 S. F., excludes posts	600.00	SF	Subcontractor - Recreation ND	33.10 19,862.22	35.72 21,432.24	46.54 27,924.06	55.94 33,561.93	0.00% 0.00	55.94 33,561.93
Fishing Sites	4.00	EA	Subcontractor - Recreation ND	19,114.47 76,457.87	20,725.41 82,901.65	27,003.14 108,012.56	32,455.07 129,820.30	0.00% 0.00	32,455.07 129,820.30
Earthwork	400.00	CY	Subcontractor - Recreation ND	17.93 7,172.27	20.76 8,302.63	27.04 10,817.50	32.50 13,001.55	0.00% 0.00	32.50 13,001.55
RSM 312316166250 Structural excavation for minor structures, bank measure, for spread and mat footings, elevator pits, and small building foundations, sandy clay or loam, 1-1/2 C.Y. bucket, machine excavation, hydraulic backhoe	800.00	BCY	Subcontractor - Recreation ND	8.07 6,457.00	9.22 7,375.29	12.01 9,609.26	14.44 11,549.37	0.00% 0.00	14.44 11,549.37

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
RSM 312323237020 Compaction, around structures and trenches, 3 passes, 18" wide, 6" lifts, walk behind, vibrating plate	400.00	ECY	Subcontractor - Recreation ND	1.79 715.27	2.32 927.34	3.02 1,208.24	3.63 1,452.18	0.00% 0.00	3.63 1,452.18
Concrete Structure	4.00	EA	Subcontractor - Recreation ND	6,002.94 24,011.78	6,346.35 25,385.39	8,268.66 33,074.62	9,938.10 39,752.39	0.00	9,938.10 39,752.39
RSM 334113600350 Public Storm Utility Drainage Piping, concrete, box culvert, precast, base price, 8' long, 10' x 8', excludes excavation or backfill	32.00	LF	Subcontractor - Recreation ND	693.42 22,189.29	733.13 23,460.18	955.20 30,566.27	1,148.05 36,737.60	0.00% 0.00	1,148.05 36,737.60
HNC 034113500020 Precast slab, roof/floor members, grouted, solid, 4" thick, prestressed	320.00	SF	Subcontractor - Recreation ND	5.70 1,822.49	6.02 1,925.21	7.84 2,508.35	9.42 3,014.79	0.00% 0.00	9.42 3,014.79
Granular Structure Base	40.00	CY	Subcontractor - Recreation ND	104.43 4,177.06	110.48 4,419.21	143.94 5,757.79	173.01 6,920.29	0.00	173.01 6,920.29
RSM 321123238220 Base course drainage layers, and capillary water barrier, 1" minus graded gravel, 8" compacted thickness	40.00	CY	Subcontractor - Recreation ND	104.43 4,177.06	110.48 4,419.21	143.94 5,757.79	173.01 6,920.29	0.00% 0.00	173.01 6,920.29
Trash Receptacles	4.00	EA	Subcontractor - Recreation ND	1,401.58 5,606.30	1,414.70 5,658.80	1,843.21 7,372.85	2,215.36 8,861.43	0.00	2,215.36 8,861.43
Trash Cans	4.00	EA	Subcontractor - Recreation ND	1,325.00 5,300.00	1,325.00 5,300.00	1,726.34 6,905.37	2,074.89 8,299.56	0.00	2,074.89 8,299.56
USR Trash Cans	4.00	EA	Subcontractor - Recreation ND	1,325.00 5,300.00	1,325.00 5,300.00	1,726.34 6,905.37	2,074.89 8,299.56	0.00% 0.00	2,074.89 8,299.56
				76.58	89.70	116.87	140.47		140.47

Description	Quantity	UOM	Contractor	BareCost	DirectCost	CostToPrime	ContractCost	Contingency	ProjectCost
Concrete Pad for Trash Cans	4.00	EA	Subcontractor - Recreation ND	306.30	358.80	467.48	561.86	0.00	561.86
				27.06	29.66	38.65	46.45	0.00%	46.45
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	4.00	SY	Subcontractor - Recreation ND	108.25	118.64	154.58	185.79	0.00	185.79
				5.50	6.67	8.69	10.45	0.00%	10.45
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	36.00	SF	Subcontractor - Recreation ND	198.05	240.15	312.90	376.07	0.00	376.07
				8,872.61	9,783.91	12,747.45	15,321.16		15,321.16
Information Kiosks	4.00	EA	Subcontractor - Recreation ND	35,490.46	39,135.62	50,989.80	61,284.64	0.00	61,284.64
				6,375.00	6,693.75	8,721.29	10,482.11	0.00%	10,482.11
RSM 133423450100 Kiosks, round, fiberglass, 5' dia x 8' h, 1" insulated double wall	4.00	EA	Subcontractor - Recreation ND	25,500.00	26,775.00	34,885.15	41,928.46	0.00	41,928.46
				17.63	22.24	28.98	34.83	0.00%	34.83
RSM 320610100310 Sidewalks, driveways, and patios, sidewalk, concrete, cast-in-place with 6 x 6 - W1.4 x W1.4 mesh, broomed finish, 3000 psi, 4" thick, excludes base	484.00	SF	Subcontractor - Recreation ND	8,535.07	10,765.52	14,026.39	16,858.32	0.00	16,858.32
				27.06	29.66	38.65	46.45	0.00%	46.45
RSM 321123230085 Base course drainage layers, aggregate base course, spread & compacted, 3/4" crushed stone, 4" deep	53.78	SY	Subcontractor - Recreation ND	1,455.39	1,595.10	2,078.26	2,497.86	0.00	2,497.86
31 Construction Management	1.00	LS		59,976,000.00	59,976,000.00	0.00	59,976,000.00	0.00	59,976,000.00
USR CM	1.00	LS		59,976,000.00	59,976,000.00	0.00	59,976,000.00	0.00	59,976,000.00

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