



Department of Transportation  
Division of Secretariat  
Office of Air, Rail & Transit  
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TO: South Dakota State Railroad Board  
FROM: Jack Dokken, Office of Air, Rail and Transit  
DATE: April 5, 2019  
SUBJECT: 2019 Flooding Repair

The SDDOT is working to help D&I Railroad recover from flooding damage sustained in the 2019 spring flooding. Work needed to repair the line will consist of the following:

- Remove and dispose approximately 160 cubic yards of debris.
- Restore the track to pre-flood condition, which includes about 1.6 miles of track surfacing and distressing of continuously welded rail (CWR).
- Supply and replace approximately 1,000 railroad ties with OTM, place approximately 4,200 tons of ballast and 4000 tons of rip rap.
- Repair or replace one 48' x 36" CMP.
- Repair or replace 2 timber farm access crossings.
- Repair drainage in the railroad ROW.
- Perform repairs on railroad bridge T572, which includes furnishing and installation of approximately 1,200 feet of HP 14x89 steel bearing pile and 20 HP 14x89 pile tips, miscellaneous structural steel and hardware, supply and place approximately 4,500 tons of rip rap, supply and replace precast concrete bent caps as needed, superstructure removal and installation as needed, timber pile and bracing repairs and/or replacement, placement and removal of temporary causeway (or other means of site access construction), CWR removal, reinstallation, and distressing, debris removal and disposal and site restoration.

The SDDOT has utilized Civil Design Incorporated to advertise an invitation to bid for repairs to the railroad. Enclosed, please find an engineer's estimate performed by CDI for the proposed project and two bids received. SDDOT recommends the Board approve awarding the flooding repair contract to the lowest bidder, L.G. Everist, Inc.

**Certified Bid Tabulation**  
**SD DOT - Air, Rail, & Transit**  
**D & I Railroad Flood Repair 2019**

Bid Date/Time: April 4, 2019 @ 11:00 AM



Item No.	Description	Unit	Base Bid Estimated Quantity	Engineer's Estimate		L.G. Everist, Inc.		Railworks Track Systems, Inc.	
				Unit Bid	Total	Unit Bid	Total	Unit Bid	Total
<b>General Bid Items</b>									
1	Mobilization	LS	Lump Sum	\$ 250,000.00	\$ 250,000.00	\$ 164,815.49	\$ 164,815.49	\$ 312,043.00	\$ 312,043.00
2	Railroad Protective Insurance	LS	Lump Sum	\$ 10,000.00	\$ 10,000.00	\$ 6,000.00	\$ 6,000.00	\$ 14,768.00	\$ 14,768.00
3	Temporary Access & Easements	LS	Lump Sum	\$ 15,000.00	\$ 15,000.00	\$ 38,951.24	\$ 38,951.24	\$ 31,557.00	\$ 31,557.00
<b>Rail Line Repairs MP 0 to MP 29</b>									
4	Debris Removal & Disposal	CuYd	160	\$ 50.00	\$ 8,000.00	\$ 79.50	\$ 12,720.00	\$ 1,158.00	\$ 185,280.00
5	Track Restoration (Surfacing & Destressing)	Tr-Miles	1.6	\$ 100,000.00	\$ 160,000.00	\$ 33,650.69	\$ 53,841.10	\$ 114,110.00	\$ 182,576.00
6	Right of Way Restoration	Acres	1.6	\$ 75,000.00	\$ 120,000.00	\$ 36,040.00	\$ 57,664.00	\$ 21,488.00	\$ 34,380.80
7	Type B Drainage Fabric	SqYd	3,900	\$ 3.50	\$ 13,650.00	\$ 3.18	\$ 12,402.00	\$ 13.00	\$ 50,700.00
8	New Ties Including OTM (F&I)	Each	1,000	\$ 450.00	\$ 450,000.00	\$ 176.23	\$ 176,230.00	\$ 274.00	\$ 274,000.00
9	Class B Riprap (F&I)	Ton	1,815	\$ 35.00	\$ 63,525.00	\$ 48.76	\$ 88,499.40	\$ 95.00	\$ 172,425.00
10	Class C Riprap (F&I)	Ton	2,185	\$ 40.00	\$ 87,400.00	\$ 50.16	\$ 109,599.60	\$ 131.00	\$ 286,235.00
11	Ballast Type 4A	Ton	4,200	\$ 35.00	\$ 147,000.00	\$ 35.43	\$ 148,806.00	\$ 35.00	\$ 147,000.00
12	36" CMP 12 Gauge, Furnish & Install	Ft	48	\$ 125.00	\$ 6,000.00	\$ 126.20	\$ 6,057.60	\$ 246.00	\$ 11,808.00
<b>Bridge T572 Repairs</b>									
13	Permits	LS	Lump Sum	\$ 10,000.00	\$ 10,000.00	\$ 3,500.00	\$ 3,500.00	\$ 12,623.00	\$ 12,623.00
14	HP 14x89 Steel Bearing Pile, Furnish & Drive	Ft	1,600	\$ 80.00	\$ 128,000.00	\$ 119.50	\$ 191,200.00	\$ 83.00	\$ 132,800.00
15	HP 14 Pile Tip Reinforcement	Each	20	\$ 150.00	\$ 3,000.00	\$ 169.60	\$ 3,392.00	\$ 143.00	\$ 2,860.00
16	Structural Steel, Miscellaneous	LS	Lump Sum	\$ 150,000.00	\$ 150,000.00	\$ 46,545.35	\$ 46,545.35	\$ 102,246.00	\$ 102,246.00
17	Steel Bent Cap	Each	6	\$ 8,000.00	\$ 48,000.00	\$ 4,608.45	\$ 27,650.70	\$ 6,942.00	\$ 41,652.00
18	Miscellaneous Hardware	LS	Lump Sum	\$ 10,000.00	\$ 10,000.00	\$ 2,509.05	\$ 2,509.05	\$ 5,428.00	\$ 5,428.00
19	Class C Riprap (F&I)	Ton	4,500	\$ 40.00	\$ 180,000.00	\$ 54.87	\$ 246,915.00	\$ 77.00	\$ 346,500.00
20	Superstructure Removal & Reinstallation	LS	Lump Sum	\$ 70,000.00	\$ 70,000.00	\$ 61,100.00	\$ 61,100.00	\$ 8,835.00	\$ 8,835.00
21	Temporary Causeway Installation & Removal	LS	Lump Sum	\$ 100,000.00	\$ 100,000.00	\$ 103,700.00	\$ 103,700.00	\$ 192,751.00	\$ 192,751.00
22	Track Removal & Reinstallation	LS	Lump Sum	\$ 50,000.00	\$ 50,000.00	\$ 15,600.00	\$ 15,600.00	\$ 135,644.00	\$ 135,644.00
23	Debris Removal & Disposal	CuYd	500	\$ 50.00	\$ 25,000.00	\$ 21.20	\$ 10,600.00	\$ 1,159.00	\$ 579,500.00
24	Site Restoration	LS	Lump Sum	\$ 25,000.00	\$ 25,000.00	\$ 7,375.00	\$ 7,375.00	\$ 17,189.00	\$ 17,189.00
<b>Base Bid - Total of All Unit Bid Price Items:</b>					<b>\$ 2,129,575.00</b>		<b>\$ 1,595,673.53</b>		<b>\$ 3,280,800.80</b>

Chris Brozik, PE

Numbers shown in RED are a bidders irregularity (No irregularities noted)

I hereby certify that I have checked the unit prices and totals.