



**PCiRoads**

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To: Subcontractors and Suppliers

From: PCiRoads, LLC

Metropolitan Council  
Emergency Relief Structure(ERS-04)/1-MN-344 Tunnel Rehabilitation  
18P431

Bids: April 23, 2019 - Revised

PCiRoads, LLC will be bidding on the above reference project and is requesting quotes for all available work. Please see attached items sheet for details.

All or any part of the bid items will be accepted and considered for the project. All quotes should include all incidental items except as noted on your quote. We are prepared to assist you in project scheduling, preparing proposals, pit and batch plant locations, interpreting plans and specifications, bonding and insurance needs, and any other areas you may have questions. Please note on your quote whether items are tied or not. Also, please include line number, description, quantity and unit price for each item as well as a grand total. Please contact Kim Michels, 763-497-6100 or [kmichels@pciroads.com](mailto:kmichels@pciroads.com) with any questions. Plans are available from [www.questcdn.com](http://www.questcdn.com) Project# 6144957 or you may contact me.

Thank you,

Kim Michels  
PCiRoads

**SCHEDULE I - SCHEDULE OF BID FOR COMPLETE CONSTRUCTION**

Emergency Relief Structure (ERS-04)/1-MN-344 Tunnel Rehabilitation, Minneapolis, MN  
 MCES Project Number 807629, Contract Number 18P431

The unit prices shown below on this Bid Schedule shall include all labor, materials, equipment, tools and incidentals needed to furnish and install all Bid Items. All of the Work shall be included within this list of Bid Items. If discrepancies are encountered on the Bid Form, the unit prices shall govern. The final project cost will be based on the actual quantities used for each Bid Item as determined in the field.

No.	Bid Item	Units	Estimated Quantity	Unit Price	Extended Amount
ACTIVITY 0 - GENERAL					
1	Mobilization & Initial Activities	LS	1	NA	\$ _____
2	Utility Relocation Allowance	****	****	NA	\$400,000.00
3	Traffic Control Allowance	****	****	NA	\$250,000.00
4	Pavement Restoration Allowance	****	****	NA	\$400,000.00
5	Tunnel Repair Allowance	****	****	NA	\$250,000.00
6	Sandstone Dewatering Allowance	****	****	NA	\$500,000.00
7	Site Preparation	LS	1	NA	\$ _____
8	Traffic Control	LS	1	NA	\$ _____
9	Street Sweeping	HRS	200	\$ _____	\$ _____
10	Project Documentation	LS	1	NA	\$ _____
11	Silt Fence	LF	7,635	\$ _____	\$ _____
12	Bale Checks	EA	50	\$ _____	\$ _____
13	Erosion Control Blanket	SY	11,000	\$ _____	\$ _____
14	Inlet Protection	EA	90	\$ _____	\$ _____
15	Rock Construction Entrance	EA	4	\$ _____	\$ _____
16	Silt Floatation Curtain	LF	1,000	\$ _____	\$ _____
17	Filter Log	LF	1,300	\$ _____	\$ _____
18	Security Fencing	LF	4,000	\$ _____	\$ _____
ACTIVITY 1 – EMERGENCY RELIEF STRUCTURE (ERS-04) REHABILITATION					
19	ERS-04 Rehabilitation	LS	1	NA	\$ _____

**SCHEDULE I - SCHEDULE OF BID FOR COMPLETE CONSTRUCTION****ACTIVITY 2 – 1-MN-344 TUNNEL REHABILITATION**

20	Sewer Cleaning (Shallow & Deep Tunnels)	LF	843	\$ _____	\$ _____
21	Sewer Cleaning (Shafts)	EA	2	\$ _____	\$ _____
22	Laser Scanning (Shallow & Deep Tunnels)	LF	843	\$ _____	\$ _____
23	Laser Scanning (Shafts)	EA	2	\$ _____	\$ _____
24	Abandon Existing Metering Flume Shaft Access	LS	1	NA	\$ _____
25	Ventilation Shafts	EA	2	\$ _____	\$ _____
26	Tunnel Bulkhead for 1-MN-340 Flow Control	LS	1	NA	\$ _____
27	Tunnel Bulkhead Construction for Contact Grout Placement	EA	3	\$ _____	\$ _____
28	Deep Tunnel Grout Holes	EA	145	\$ _____	\$ _____
29	Contact Grout Placement Above Existing 1-MN-344 Tunnel Interceptor	CY	400	\$ _____	\$ _____
30	Crack Sealing (Shallow & Deep Tunnels)	LF	1,300	\$ _____	\$ _____
31	Crack Sealing (Shafts)	LF	250	\$ _____	\$ _____
32	Crack Sealant	GAL	200	\$ _____	\$ _____
33	Hole Patch (Shallow & Deep Tunnels & Shafts)	EA	9	\$ _____	\$ _____
34	Shallow Tunnel Liner Installation (4'-0"X5'-0")	LF	127	\$ _____	\$ _____
35	Shallow Tunnel Flume Transition Liner	LS	1	\$ _____	\$ _____
36	Deep Tunnel Liner Installation (3'-0"X6'-0")	LF	716	\$ _____	\$ _____
37	Rehabilitate Dropshaft (Bike Path)	LS	1	NA	\$ _____
38	Rehabilitate Access Shaft (Nawadaha Blvd)	LS	1	NA	\$ _____
39	Air Vent/Jump Pipe Between Drop Shaft and Vent Hole	LS	1	NA	\$ _____
40	Abandonment of Piezometers	EA	10	\$ _____	\$ _____
41	Rehabilitate Local Service Connection at West Area (Near ERS-04)	LF	60	\$ _____	\$ _____
42	Rehabilitate Local Service Connection at East Area (Nawadaha Blvd)	LF	50	\$ _____	\$ _____

**ACTIVITY 3 – VORTEX SHAFT A1 REHABILITATION**

43	Vortex Shaft A1 & Access Shaft A2 Rehabilitation	LS	1	NA	\$ _____
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**ACTIVITY 4 – VORTEX SHAFT D1 REHABILITATION**

44	Vortex Shaft D1 & Access Shaft D2 Rehabilitation	LS	1	NA	\$ _____
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**SCHEDULE I - SCHEDULE OF BID FOR COMPLETE CONSTRUCTION**

ACTIVITY 5 – 1-MN-340 INTERCEPTOR CLEANING

45	Cleaning Subcontractor Mobilization	LS	1	NA	\$ _____
46	Obstruction Removal Allowance	****	****	NA	\$250,000.00
47	CCTV and Sonar Inspection	LF	7,650	\$ _____	\$ _____
48	Site Set Up and Restoration	EA	2	\$ _____	\$ _____
49	Debris Removal	TON	2,300	\$ _____	\$ _____

ACTIVITY 6 - TEMPORARY WASTEWATER CONVEYANCE

50	System A (VSA1 & Fort Snelling Interceptor)	LS	1	NA	\$ _____
51	System B (VSD1 & MPRB Sewer)	LS	1	NA	\$ _____
52	System C (MH2 Upstream ERS-04 & 9" VCP @ 39 <sup>th</sup> )	LS	1	NA	\$ _____
53	System D (Nawadaha Blvd)	LS	1	NA	\$ _____
54	Minnehaha Creek Temporary Bridge	LS	1	NA	\$ _____
55	Vactor Truck at MPRB Restroom	LS	1	NA	\$ _____
56	MH8 Discharge	LS	1	NA	\$ _____
57	Snow Removal	LS	1	NA	\$ _____
58	Grounds Maintenance	LS	1	NA	\$ _____

ACTIVITY 7 - RESTORATION AND CLEAN-UP

59	Sidewalk Replacement	SF	8,000	\$ _____	\$ _____
60	Curb & Gutter Replacement	LF	2,000	\$ _____	\$ _____
61	Bituminous Pavement Replacement – Base Course	TON	1,500	NA	\$ _____
62	Bituminous Pavement Replacement – Wear Course	TON	1,500	NA	\$ _____
63	New Sidewalk South of Minnehaha Parkway	SF	5,800	\$ _____	\$ _____
64	Tree Replacement Allowance	****	****	NA	\$25,000.00
65	Landscaping (Revegetation) – Seeding & Hydromulch	SY	31,000	\$ _____	\$ _____
66	Landscaping (Revegetation) – Sodding	SY	1,000	\$ _____	\$ _____

**TOTAL BID (Total Bid Items 1 thru 66) \$ \_\_\_\_\_**

(Use figures only)