

PROJECT NUMBER: 12-383-79

TITLE: West Carson Street Extension, Phase 2

LOCATION: McKees Rocks Borough, Allegheny County, Pennsylvania

OWNER: Borough of McKees Rocks

MANAGER(S): Doug Evans

ESTIMATED COST: \$850,000

BID ADVERTISEMENT

CONTRACT NUMBER: 12-383-79

WEST CARSON STREET EXTENSION, PHASE 2

Sealed Bids are requested by the Borough of McKees Rocks at the Borough Manager's office at 340 Bell Avenue, McKees Rocks, PA 15136 until 3:00 P.M. prevailing time, Monday, August 1, 2022 for the West Carson Street Extension, Phase 2. Bids will be opened publicly and read aloud immediately after the closing time for receipt of Bids.

Interested parties may view the Profile and Bid Schedule for this Project on the internet at: www.niraengineers.com.

Copies of the Bid Documents may be examined at the office of the Borough of McKees Rocks or at the office of NIRA Consulting Engineers, Inc., 950 Fifth Avenue, Coraopolis, Pennsylvania 15108. Copies thereof may be obtained from the office of NIRA Consulting Engineers, Inc., upon payment of a non-refundable sum of \$70.00. An additional charge of \$15.00 will be required for handling of Plans and Specifications when shipping is requested. Checks are to be made payable to NIRA Consulting Engineers, Inc. Bids must be submitted on the forms provided, and completed in strict accordance with the instructions provided. Each Bid must be accompanied by a Bid Bond, in the form of a Certified Check or Corporate Surety Bid Bond, in the amount of ten percent (10%) of the Bid Proposal made in the favor of the Borough of McKees Rocks. Only documents obtained directly from the Engineer will be valid at bid opening.

This project was financed in part by a grant from the Commonwealth of Pennsylvania, Commonwealth Financing Authority. The successful bidder will be required to comply with the requirements of the Grant Program.

A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond in the amounts specified within the Contract Documents will be required of the successful Bidder.

Bidders on this work will be required to comply with the Provisions of the Pennsylvania Prevailing Wage Act 442. The Prevailing Wage Scale is included in these Specifications.

Bidders on this work will be required to comply with the Provisions of the Public Works Employment Verification Act (PWEVA).

Adherence to Instructions to Bidders is required.

No Bid or any part thereof shall be withdrawn by Bidder for a period of sixty (60) days subsequent to the Bid Opening.

The right is reserved by the Owner to reject any or all Bids or parts of bids and to waive technical defects in any Bid.

PROJECT SCOPE

The proposed project includes the construction of \pm 430 linear feet of concrete roadway and associated stormwater facilities \pm 2, 400 LF of 12 inch – 48 inch pipe, inclusive of Add Alternates. The project will include materials, excavation, installation, restoration, and all else necessary for a complete roadway construction as shown on the Contract Drawings.

BID SCHEDULE

BASE BID SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT
1-201	Clearing, Grubbing, and Demolition (Includes All Incidental Demolition Items and Temporary Removal and Replacement of Fence for Pipe Installation).	JOB	LS
2-203	Class 1 Excavation (Cut or Fill to Subgrade Elevation for Roadway and Shoulders, Includes Removal of Excess Cut Materials That Are Not Used for Project Construction).	720	CY
3-211	Cement-Treated Subgrade (15 Inch Depth Subgrade Stabilization).	747	SY
4-211	Cement (11.25 LB/SF Average Application Rate).	38	TON
5-212	Class 4, Type A Geotextile.	747	SY
6-313	Superpave Asphalt Mixture Design, Base Course, 5 Inch Depth. (Trench Restoration)	281	SY
7-350	PennDOT No. 2A Subbase, 6 Inch Depth.	1028	SY
8-413	Superpave Asphalt Mixture Design, Wearing Course, 1.5 Inch Depth. (Trench Restoration).	281	SY
9-501	Reinforced Cement Concrete Pavement, 8 Inch Depth.	747	SY
10-601	15 Inch HDPE Pipe, 0-8 Foot Depth.	117	LF
11-601	15 Inch HDPE Pipe, 0-8 Foot Depth, Under Pavement (Includes Stone Backfill).	112	LF
12-601	15 Inch HDPE Pipe, 8-10 Foot Depth.	41	LF
13-601	24 Inch HDPE Pipe, 8-10 Foot Depth.	143	LF
14-601	24 Inch HDPE Pipe, 10-12 Foot Depth.	432	LF
15-601	24 Inch HDPE Pipe, 12-14 Foot Depth.	315	LF
16-601	24 Inch HDPE Pipe, 12-14 Foot Depth, Under Pavement (Includes Stone Backfill).	66	LF
17-601	48 Inch HDPE Pipe, 12-14 Foot Depth, Under Pavement (Includes Stone Backfill).	341	LF
18-601	48 Inch RCP Pipe, 14-16 Foot Depth, Within RR Easement.	26	LF
19-601	24 Inch HDPE Pipe Bore (Includes Casing Pipe, Spacers, End Seals, and Bore Pits).	120	LF

20-601	Connect to Existing Pipe.	7	EA
21-601	Re-Connect Existing Storm Drain Pipe.	4	EA
22-601	Connect to Existing Manhole.	1	EA
23-605	Standard, Type M Inlet, Frame, and Grate 0-5.5 Foot Depth.	4	EA
24-605	Extra Depth Standard Type M Inlet (Greater Than 5.5 Foot Depth).	8.1	VF
25-605	Type D-H Inlet, Frame, and Grate 0-5.5 Foot Depth.	1	EA
26-605	Extra Depth Type D-H Inlet (Greater Than 5.5 Foot Depth).	4.1	VF
27-605	48 Inch Diameter Manhole, Frame, and Cover 0-8 Foot Depth.	3	EA
28-605	Extra Depth 48 inch Diameter Manhole (Greater Than 8 Foot Depth).	9.5	VF
29-605	60 Inch Diameter Manhole, Frame, and Cover 0-8 Foot Depth.	4	EA
30-605	Extra Depth 60 inch Diameter Manhole (Greater Than 8 Foot Depth).	21	VF
31-605	15 Inch Pipe Headwall (Includes Rip-Rap Apron).	2	EA
32-606	Coordination with Utility Companies and Railroad.	JOB	LS
33-606	Test Pits.	3	EA
34-608	Mobilization, Bonds, Insurance, and Shop Drawings.	JOB	LS
35-610	Pavement Base Drain.	40	LF
36-620	Type 2 Weak Post Guide Rail.	230	LF
37-630	Plain Cement Concrete Curb.	560	LF
38-686	Construction Surveying, Type A.	JOB	LS
39-804	Finish Grading, Topsoil Placement, Seeding, Soil Supplements, Mulching, and Fertilizer.	JOB	LS
40-869	Erosion and Sedimentation Control.	JOB	LS
41-901	Maintenance and Protection of Traffic During Construction.	JOB	LS

ADD ALTERNATE A
BID SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT
1-203	Class 1 Excavation (Cut or Fill to Subgrade Elevation for Roadway and Shoulders, Includes Removal of Excess Cut Materials That Are Not Used for Project Construction).	200	CY
2-211	Cement-Treated Subgrade (15 Inch Depth Subgrade Stabilization).	400	SY
3-211	Cement (11.25 LB/SF Average Application Rate).	20	TON
4-212	Class 4, Type A Geotextile.	400	SY
5-350	PennDOT No. 2A Subbase, 6 Inch Depth.	400	SY
6-501	Reinforced Cement Concrete Pavement, 8 Inch Depth.	400	SY
7-620	Type 2 Weak Post Guide Rail.	163	LF
8-630	Plain Cement Concrete Curb.	300	LF

ADD ALTERNATE B
BID SCHEDULE

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT
1-313	Superpave Asphalt Mixture Design, Base Course, 5 Inch Depth. (Trench Restoration)	279	SY
2-350	PennDOT No. 2A Subbase, 6 Inch Depth.	299	SY
3-413	Superpave Asphalt Mixture Design, Wearing Course, 1.5 Inch Depth. (Trench Restoration).	279	SY
4-501	Reinforced Cement Concrete Pavement, 8 Inch Depth (Trench Restoration).	20	SY
5-601	15 Inch HDPE Pipe, 0-8 Foot Depth, Under Pavement (Includes Stone Backfill).	325	LF
6-601	48 Inch HDPE Pipe, 12-14 Foot Depth, Under Pavement (Includes Stone Backfill).	158	LF
7-601	48 Inch HDPE Pipe, 14-16 Foot Depth, Under Pavement (Includes Stone Backfill).	156	LF
8-601	Reconnect Existing Storm Drain Pipe.	2	EA
9-605	Modified Type M Inlet, Frame, and Grate, 0-5.5 Foot Depth.	1	EA
10-605	Extra Depth Modified Type M Inlet (Greater Than 5.5 Foot Depth).	8	VF
11-605	60 Inch Diameter Manhole, Frame and Cover, 0-8 Foot Depth.	1	EA
12-605	Extra Depth 60 Inch Diameter Manhole (Greater Than 8 Foot Depth).	8	VF