



2023-GEDTF-181
Maple Avenue Improvements Phase 4 – RE-BID
Elizabeth Borough
Return this completed page with your bid packet.

ADDENDUM NO. 1

December 19, 2024

The following directives shall be incorporated into and be made a part of the Contract Documents, and shall supersede any and all other instructions in reference thereto:

1. Alternate Bid Sheet has been updated. Item Alt. 1 has been changed, and items Alt. 2 through Alt. 5c have been added.

2. Scope of Work has been updated. Detailed descriptions of all Alternate Bid Items have been included.

Responsible Agent Signature _____

Agency/Organization _____

Date _____

Questions and requests for clarification should be directed to:

Jennifer Kwiatek
Steel Rivers COG Government Grants Coordinator
412-462-7600
jk@steelriverscog.org

Glenn Engineering, Elizabeth Borough Municipal Engineers
412-824-5672
laurab@glennengr.com

2023-GEDTF-181
Maple Avenue Retaining Wall Phase 4
Borough of Elizabeth
BASE BID
Allegheny County, PA
ADDENDUM 1 BID SHEET - DECEMBER 2024

Item	Description	Quantity	Unit	Unit Price	Price
1	Demolition of Existing Wall	324	lf.		
2	Red-Rock Segmental Wall System				
2a	0'- 8' Height	172	lf.		
2b	8.1' - 13' Maximum Height	178	lf.		
3	Remove existing Guide Rail & Reinstall Guide Rail in kind	518	lf.		
4	5-1/2" 19 mm Binder Asphalt	400	sq. yd		
5	1 1/2" 9.5 mm Wearing Asphalt	1140	sq. yd		
6	Asphalt Wedge Curb	324	lf.		
7	Restoration	Lump	Sum		
8	Remove Jersey Barrier & Jumbo Block	Lump	Sum		

Total Bid in Words: _____

Please Type or Write Legibly:

Address: _____ Firm: _____

Agent: _____
Phone & Fax & Email: _____ Title: _____

Signature: _____

GLENN ENGINEERING & ASSOCIATES, LTD.

2023-GEDTF-181
Maple Avenue Retaining Wall Phase 4
Borough of Elizabeth
ALTERNATE BID
Allegheny County, PA
ADDENDUM No. 1 - DECEMBER 19, 2024

Item	Description	Quantity	Unit	Unit Price	Price
ALT 1	Remove & Reinstall Existing Guide Rail	550	lf.		
	w/new cables				
ALT 2	Remove & Replace Existing Guide Rail w/Type 2 Strong Post Guiderail w/terminal ends	550	lf.		
ALT 3	Sandblast existing Guide Rail posts,paint posts,	50	Ea.		
	and reinstall, install new cables(2 rows)	1,100	lf.		
ALT 4	Jersey Barriers w/ terminal ends	550	lf.		
ALT 5	Full width Paving restoration				
5.a	Milling 3-1/2"	2,200	sq. yd.		
5.b	2" of 19 mm Binder Course	2,200	sq. yd.		
5.c	1-1/2" of 9.5 mm Wearing Course	2,200	sq. Yd.		

ADDENDUM No. 1 – DECEMBER 19, 2024

ALTERNATE No. 1 SCOPE OF WORK

Alt. Bid Item 1a. Guide Rail

Price includes cost for complete furnishment, installation, equipment, labor and all necessary materials required to remove and reinstall existing posts. Item includes the cost of labor and materials required to install new cables (2 rows). Item also includes the cost of labor and material required to install new turnbuckle. All materials installed must meet Penn-Dot specifications as shown on Contract Drawings and or specified by project representative. All excavated materials must be hauled offsite by contractor to an approved site having an Allegheny County Conservation Districts approved Soil Erosion and Sedimentation Pollution Control Plan implemented.

ALTERNATE No. 2 SCOPE OF WORK

Alt. Bid Item 2a. Guide Rail

Price includes cost for complete furnishment, installation, equipment, labor and all necessary materials required to remove existing guide rail and install new Guide-Rail Type 2 Strong posts, Guide-Rail panels, and Terminal ends. All materials installed must meet Penn-Dot specifications as shown on Contract Drawings and or specified by project representative. All excavated materials must be hauled offsite by contractor to an approved site having an Allegheny County Conservation Districts approved Soil Erosion and Sedimentation Pollution Control Plan implemented.

ALTERNATE No. 3 SCOPE OF WORK

Alt. Bid Item 3a. Guide Rail

Price includes cost for complete furnishment, installation, equipment, labor and all necessary materials required to sandblast and paint (color to be yellow) existing posts and reinstall. Item also includes the cost of labor and materials required to install new 3/4" dia. steel cable (2 rows). Item also includes the cost of labor and material required to install new turnbuckle. All materials installed must meet Penn-Dot specifications as shown on Contract Drawings and or specified by project representative. All excavated materials must be hauled offsite by contractor to an approved site having an Allegheny County Conservation Districts approved Soil Erosion and Sedimentation Pollution Control Plan implemented.

ALTERNATE No. 4 SCOPE OF WORK

Alt. Bid Item 4a. Jersey Barriers

Price includes cost of purchase and installation of Jersey Barriers with terminal ends in lieu of installing Guide Rail.

ALTERNATE No. 5 SCOPE OF WORK

Alt. Bid Item 5a. Street Milling

Contractor to remove existing asphalt material, by milling as directed by the engineering field representative. Contractor shall also remove asphalt wedge curb as directed, includes dust control and protection of all catch basins, includes sweeping and cost removal and disposal. Milling material to remain property of the Borough and to be hauled to a site within the Borough as directed by project representative.

Alt. Bid Item 5b. 2" of 19 mm Binder Course – Full width

Contractor shall supply and install 2" as directed of compacted depth of superpave binder course asphalt mixer design HMA binder mix course, PG-64-22, 0.0 to 0.3 ESAL's including but not limited to all edge, surface cleaning and tack cost, complete and in place per specifications

Alt. Bid Item 5c. 1-1/2" of 9.5 mm Wearing Course-Full width

Contractor shall supply and install 1 -1/2" of compacted depth of superpave wearing course asphalt mixture design HMA wearing course, PG-64-22, 0.0 to 0.3 ESAL's including, but not limited to all edge, surface cleaning, tack coat, keyways, adjustment to grade with all valve boxes, manholes and inlets required, transition into driveways as required, driveway transitions to include saw cutting or keyway, if required, or directed by the field representative, complete and in place per specifications.

Alt. Bid Item 5d. Wedge Curb

Contractor shall supply and install a 6" x 12"± Bituminous Wedge Curb constructed of Superpave Binder Course Asphalt Mixer Design HMA Binder Mix Course, PG-64-22, 0.0 to 0.3 ESAL's, complete and in place as per specification. (See Wedge Curb Detail). Contractor shall supply and install Wedge Curb backfilling as directed by Engineering Representative. Backfilling, if necessary, should consist of top soil, seed, and mulch or 2A Modified Stone. Price for backfill shall be included with the wearing course bid item.