



MUNICIPALITY OF MONROEVILLE

AN EQUAL OPPORTUNITY EMPLOYER

NOTICE TO BIDDERS

PROPOSAL FOR GUIDE RAIL

DATE: _____

COMPANY: _____

AUTHORIZED AGENT (print): _____

AUTHORIZED AGENT (signature): _____

ADDRESS: _____

TELEPHONE: _____

FAX: _____

ORDERING CONTACT EMAIL: _____

PROPOSAL FOR GUIDE RAIL

SPECIFICATIONS:

1. The prospective Bidder will **FURNISH AND INSTALL** the following materials:

****Furnish & Install****

ITEM	EST. QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
1	100	LF	Remove Existing Guide Rail Complete		
2	3,500	LF	W-Beam Type 31 Strong Post Guide Rail With 6' Posts & Offset Brackets on 6' - 3" Centers		
3	10	EA	Terminal End Section "Boxing Glove"		
4	100	EA	Extra Steel I-Beam Posts, 6' Long with Offset Brackets, Plastic or Composite, Routed, 6"x 8"x 14"		
5	250	LF	Upcharge for custom radius W-Beam Rail Element Sections (delivered to site pre-radiused)		
6	50	EA	Upcharge for 8' Long Steel I-Beam Posts		
7	100	LF	Additional W-Beam Rail Element Sections		
8	1	EA	Guide Rail to Bridge Barrier Transition (Typical)		
9	1	EA	Type 31 Strong Post End Treatment "Turndown"		
10	1	EA	Buried-in-Backslope Terminal Single Rail		
11	1	EA	MASH MSKT or Approved Equal		

TOTAL FOR ITEMS 1-7: _____

TOTAL FOR ALL ITEMS BID: _____

2. The prospective Bidder will **FURNISH MATERIAL ONLY** for the following materials:

****Furnish Material Only****

ITEM	EST. QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL
12	10	EA	W-Beam Guide Rail Element Sections, 12' 6" Length		
13	2	EA	W-Beam Guide Rail Element Sections, 25' Length		
14	100	LF	Upcharge for custom radius W-Beam Rail Element Sections (delivered to site pre-radiused)		
15	500	EA	Type "F" Button Head Post Bolt		
16	500	EA	Type "G" Button Head Splice Bolt		
17	500	EA	Recessed Nut		
18	100	EA	Offset Brackets, Plastic or Composite, Routed, 6"x 8"x 14"		
19	25	EA	Terminal Section "Boxing Glove"		
20	50	EA	Steel I-Beam Posts, 6' long		
21	25	EA	Steel I-Beam Posts, 8' long		

TOTAL FOR ALL ITEMS BID: _____

3. All work and material shall meet Pennsylvania Department of Transportation Specifications including Publications 408/ 72M latest edition and Bulletin 15.
4. "Furnish and install" prices shall include mobilization, furnishing all materials necessary for installation (including but not limited to ancillary items such as nuts, bolts, brackets, etc.), equipment, manpower, fuel, demobilization, etc. All contractor costs shall be considered incidental to the work and shall be included in the unit prices.
5. "Furnish material only" prices shall include furnish and delivery of the specified materials to any location within the Municipality of Monroeville.
6. Item 1 shall include removal and proper disposal of existing guide rail (including posts, rail elements, terminal sections, offset brackets, hardware, and all other portions of the existing guide rail system). The removed material becomes the property of the Contractor. The Municipality may accept disposal of any material at our site at the Municipality's sole discretion.
7. Item 2 shall include installation of galvanized steel W-beam Type 31 Strong Post guide rail in accordance with Publication 72M latest edition as directed with W6x9 or W6x8.5 by 6' long galvanized steel posts with plastic or composite, routed, 6"x 8"x 14" offset brackets. Necessary terminal/ end treatments, extra/ additional posts, longer 8' posts, custom bending, etc. shall be bid as separate items as listed in the bid items. When a terminal and/or end treatment is attached the pay length for the Type 31 guide rail shall exclude the length of guide rail necessary to install the terminal and/or end treatment. When directed the

Contractor will install guide rail panel reflectors (supplied by the Municipality) during construction at no additional cost to the Municipality (typically every 100' on straight sections, every 50' on bends).

8. Item 3 shall consist of furnishing and installing galvanized steel terminal end sections (“boxing gloves”) in accordance with Bulletin 15 and Publication 408/72M. “Boxing gloves” shall be plain without reflective decals. This cost shall separate from the item 2 cost.
9. Item 4 shall consist of extra/ additional W6x9 or W6x8.5 by 6' long galvanized steel posts, furnished and installed in accordance with Publication 72M latest edition required to meet specific situations such as transitions or obstructions and shall include furnishing and installation of accompanying plastic or composite, routed, 6"x 8"x 14" offset brackets and mounting hardware. This cost shall be in addition to the item 2 cost as these are additional posts.
10. Item 5 shall consist of bending rail element sections to meet predetermined radius needs at the “factory” prior to delivery to the site and is paid on a linear foot basis. This cost shall be in addition to the item 2 or 7 cost and shall just apply to the extra cost for “factory” bending, the cost of the W-beam rail element itself is already included in item 2 or 7. Item 5 shall not apply to manipulating W-beam rail elements on-site to achieve curvatures.
11. Item 6 shall consist of increasing the length of any W6x9 or W6x8.5 galvanized steel posts from 6' long to 8' long, in accordance with Publication 72M latest edition as required to meet specific situations. This cost shall be in addition to the item 2 and/ or item 4 costs.
12. Item 7 shall consist of extra/ additional galvanized steel W-beam rail element sections, furnished and installed in accordance with Publication 72M latest edition required to meet specific situations such as transitions, spanning obstructions, stiffeners, etc. This cost shall be in addition to the item 2 cost as this will represent additional rail beyond what is already being installed under item 2.
13. Item 8 shall consist of furnishing and installing all components necessary to construct the guide rail to bridge barrier transition (typical) as described in Publication 72M.
14. Item 9 shall consist of furnishing and installing all components necessary to construct the Type 31 Strong Post End Treatment (Turndown) as described in Publication 72M.
15. Item 10 shall consist of furnishing and installing all components necessary to construct the Buried-in-Backslope Terminal Single Rail as described in Publication 72M.
16. Item 11 shall consist of furnishing and installing all components necessary to construct the MASH MSKT in accordance with the manufacturer’s installation specifications. Substitutions furnished as “or approved equal” shall mean approved equal as determined by the Municipality.
17. Item 12 shall consist of furnishing galvanized steel W-beam guide rail element sections, 12'6” length in accordance with Bulletin 15 and Publication 408/ 72M as necessary and requested by the Municipality.

18. Item 13 shall consist of furnishing galvanized steel W-beam guide rail element sections, 25' length in accordance with Bulletin 15 and Publication 408/ 72M as necessary and requested by the Municipality.
19. Item 14 shall consist of bending rail element sections to meet predetermined radius needs at the "factory" prior to delivery to the site and is paid on a linear foot basis. This cost shall be in addition to the item 12 and/ or 13 cost and shall just apply to the extra cost for "factory" bending, the cost of the W-beam rail element itself is already included in item 12 and/ or 13.
20. Item 15 shall consist of furnishing galvanized steel "Type F" button head post bolts of suitable length to secure rail element and offset brackets to posts in accordance with Bulletin 15 and Publication 408/72M.
21. Item 16 shall consist of furnishing galvanized steel "Type G" button head splice bolts of suitable length to secure rail elements to each other in accordance with Bulletin 15 and Publication 408/72M.
22. Item 17 shall consist of furnishing galvanized steel "Recessed Nuts" compatible with the "Type F" and "Type G" bolts in accordance with Bulletin 15 and Publication 408/72M.
23. Item 18 shall consist of furnishing plastic or composite offset brackets, 6"x8"x14" for between rail elements and posts, in accordance with Bulletin 15 and Publication 408/72M. Brackets shall be plastic or composite, wood is not acceptable.
24. Item 19 shall consist of furnishing galvanized steel terminal sections "boxing gloves" in accordance with Bulletin 15 and Publication 408/72M. "Boxing gloves" shall be supplied plain without reflective decals.
25. Item 20 shall consist of furnishing W6x9 or W6x8.5 by 6' long galvanized steel posts in accordance with Bulletin 15 and Publication 408/72M.
26. Item 21 shall consist of furnishing W6x9 or W6x8.5 by 8' long galvanized steel posts in accordance with Bulletin 15 and Publication 408/72M.
- 27. Guide Rail Bids for Section marked (FURNISH AND INSTALL) be awarded based on the total of items 1-7.**

GENERAL REQUIREMENTS OF BIDS:

1. Bidders must meet all of the following general requirements.
2. Check legal advertisement for date and time of bid opening.
3. Bid bond or certified check in the amount of ten (10) percent of the total bid is required. **A separate bid bond is required for each commodity bid.**
4. All bids held firm for sixty (60) days after bidding.
5. Except as otherwise stated above the Municipality will award bids on an individual line item basis.

6. **All bid prices, once accepted by Council, shall remain firm for a period of one (1) year from the award date.**
7. Bid prices must be delivered prices unless otherwise stated.
8. Bid prices are to be free of any state, local or federal tax since the Municipality is a tax-exempt jurisdiction (tax-exempt certificate provided upon request).
9. The Municipality reserves the right to purchase more or less material than the estimated quantities listed above.
10. All sealed bids must be received by the Municipal Manager of the Municipality of Monroeville, 2700 Monroeville Boulevard, Monroeville, Pennsylvania 15146 by the published deadline and marked **GUIDE RAIL**.
11. Vendors supplying multiple bids are required to seal each and every bid individually, and clearly mark every envelope as to its contents. Once all of the bids are prepared they are placed in one single bid package, with all individual bids listed on the outside of the bid package.