



OFFICE OF COUNTY MAYOR GLENN JACOBS

Procurement Division, 1000 N. Central Street, Suite 100, Knoxville, TN 37917

Knox County Procurement Division Addendum II to Invitation for Bids #2794 Metal and Plastic Pipe

Addendum Date: March 27, 2019

Buyer: Karen D. Smitherman

Opening Date: April 04, 2019 @ 2:00 pm

Total Pages: 6 Total Pages

Questions/Answers:

Question #1: Good afternoon. I have a few questions regarding the upcoming Knox County bid for metal and plastic pipe. After looking at the delivery and inventory requirements in section 3.15, 3.33 and 4.1, my interpretation is that for the awarded vendor Knox County is requesting delivery time to be in hours, have a stocked Inventory of pipe being kept at all times, and also have a max delivery time of 2 business days from the time of order. These requirements seem extremely unfeasible to me, however. I don't know of a supplier or a manufacturer that can meet these type of requests, especially for the larger diameter pipe. Manufacturers nor suppliers do not generally keep some of these larger pipe diameters on hand. Most of the municipalities that we deal with give delivery times in business days, with 3-5 days being typical. Are these important issues up for discussion at all?

Answer #1: The appropriate Sections have been revised as noted below.

Delete/Add:

Delete #1: **Section 3.15 DELIVERY OF MATERIAL(S):** Vendors must state the number of business days that it will take to delivery material(s) after receipt of a signed Purchase Order. Vendor must state the number of business hours, not a range of business hours. For example, an unacceptable answer is "3-6 business hours." Vendors must be specific and state either "3 business hours" or "6 business hours." If Vendor states a range of business hours, Knox County will base their answer on the maximum number of business days provided. Vendors must state accurate lead times as Knox County reserves the right to cancel orders with no obligation when delivery time is exceeded. If actual delivery time continues to be inconsistent with stated delivery time, then Knox County reserves the right to revoke the award.

Add #1: **Section 3.15 DELIVERY OF MATERIAL(S):** Vendors must state the number of business days that it will take to deliver material(s) after receipt of a signed Purchase Order. Vendor must state the number of business days, not a range of business days. For example, an unacceptable answer is "1-3 business days." Vendors must be specific and state either "1 business day" or "3 business days." If Vendor states a range of business days, Knox County will base their answer on the maximum number of business days provided. Vendors must state accurate lead times as Knox County reserves the right to cancel orders with no obligation when delivery time is exceeded. If actual delivery time continues to be inconsistent with stated delivery time, then Knox County reserves the right to revoke the award.

Delete #2: **3.33 PARTS STOCKING:** The successful bidder(s) must maintain an inventory of Metal and Plastic Pipe sufficient to guarantee Knox County that ninety (90) percent of all orders will be immediately available for delivery or pick up.



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Add #2: **3.33 PARTS STOCKING:** Knox County typically uses 15" through 48" size pipes. The successful bidder(s) must maintain an inventory of Metal and Plastic Pipe sufficient to guarantee Knox County that ninety (90) percent of all typical orders will be immediately available for delivery or pick up.

Delete #3: **4.1 SPECIFICATIONS:** The following are required specifications for the metal pipe:

- Vendor must maintain a complete inventory and/or fabrication processing facility, which has been subjected to and approved by the Division of Materials and Testing, the State of Tennessee, Department of Transportation.
- Vendor must state the location of the nearest distribution point.
- Vendor must be able to supply pipe in exact linear foot measurements ordered.
- Vendor must have pipe available for delivery or pick up within a maximum of two (2) business days from order.

4.1.1 Aluminized Steel Type 2 Corrugated Metal Pipe – Round: This pipe shall meet or exceed the requirements of Subsection 915.02 of the Tennessee Department of Transportation Standard Specifications for Road and Bridge Construction and ASTM A929. The gauge and thickness will be the minimum as shown in the following, unless otherwise specified. Pipe with helical corrugations shall be re-rolled to form circumferential corrugations as per AASHTO M-274 regarding end finish.

Aluminized Steel Type 2 Corrugated Metal Pipe – Round – 2 ⅓ x ½ Inch	
Diameter – Inches	Sheet Gauge Number
12" – 48"	14
18" – 60"	12
72" – 96"	10
Aluminized Steel Type 2 Corrugated Metal Pipe – Round – 5 x 1 Inch	
Diameter – Inches	Sheet Gauge Number
54" – 144"	10

4.1.2 Aluminized Steel Type 2 Corrugated Metal Pipe – Arch: This pipe shall meet or exceed the requirements of Subsection 915.02 of the Tennessee Department of Transportation Standard Specifications for Road and Bridge Construction and ASTM A929. The gauge and thickness will be the minimum as shown in the following, unless otherwise specified. Pipe with helical corrugations shall be re-rolled to form circumferential corrugations as per AASHTO M-274 regarding end finish. The sizes shall be identified by the span and height in inches and shall be manufactured from the thickness metal indicated in tables below, if not otherwise specified.

Arch Pipe						
Pipe Arch Size	Equivalent Diameter	Span	Rise Inches	Minimum Corner Radius	Minimum Thickness	Sheet Gauge Number
28" x 20"	24"	28"	20"	3"	0.101	12
35" x 24"	30"	35"	24"	3 ½"	0.101	12
42" x 29"	36"	42"	29"	3 ½"	0.101	12
49" x 33"	42"	49"	33"	4"	0.101	12
57" x 38"	48"	57"	38"	5"	0.101	10
64" x 43"	54"	64"	43"	5"	0.129	10
71" x 47"	60"	71"	47"	7"	0.129	10
81" x 59"	72"	81"	59"	7"	0.129	10



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4.1.3 High Density Polyethylene Pipe: This pipe shall meet or exceed the requirements of Subsection 914.10 of the Tennessee Department of Transportation Standard Specifications for Road and Bridge Construction. For reference purposes, Advanced Drainage Systems (ADS) N-12 WT IB Pipe Specification is used. Pipe diameters of 12" through 60" shall meet AASHTO M294, Type S or ASTM F2306. The Manning's "n" value shall be 0.012. The pipe shall utilize an enhanced dual wall construction, smooth interior, and annular exterior corrugations. The pipe shall be joined with a gasketed integral bell and spigot joint meeting the requirements of AASHTO M294 or ASTM F2306. Pipe shall be watertight according to the requirements of ASTM D3212. Gaskets shall meet the requirements of ASTM F477. Gaskets shall be installed by the pipe manufacturer and covered with a removable protective wrap to ensure the gasket is free from debris. Fittings shall conform to ASTM 2306 and AASHTO M294. Corrugated couplings shall be split collar, engaging at least 2 full corrugations.

Add #3:

4.1 SPECIFICATIONS: The following are required specifications for the metal pipe:

- Vendor must maintain a complete inventory and/or fabrication processing facility, which has been subjected to and approved by the Division of Materials and Testing, the State of Tennessee, Department of Transportation.
- Vendor must state the location of the nearest distribution point.
- Vendor must be able to supply pipe in exact linear foot measurements ordered.
- Vendor must have typically ordered pipe (15" through 48") available for delivery or pick up within a maximum of two (2) business days from order.
- Vendor must state the maximum delivery, in business days, of all larger Metal and Plastic Pipe.

4.1.1 Aluminized Steel Type 2 Corrugated Metal Pipe – Round: This pipe shall meet or exceed the requirements of Subsection 915.02 of the Tennessee Department of Transportation Standard Specifications for Road and Bridge Construction and ASTM A929. The gauge and thickness will be the minimum as shown in the following, unless otherwise specified. Pipe with helical corrugations shall be re-rolled to form circumferential corrugations as per AASHTO M-274 regarding end finish.

Aluminized Steel Type 2 Corrugated Metal Pipe – Round – 2 3/4 x 1/2 Inch	
Diameter – Inches	Sheet Gauge Number
12" – 48"	14
18" – 60"	12
72" – 96"	10
Aluminized Steel Type 2 Corrugated Metal Pipe – Round – 5 x 1 Inch	
Diameter – Inches	Sheet Gauge Number
54" – 144"	10

4.1.2 Aluminized Steel Type 2 Corrugated Metal Pipe – Arch: This pipe shall meet or exceed the requirements of Subsection 915.02 of the Tennessee Department of Transportation Standard Specifications for Road and Bridge Construction and ASTM A929. The gauge and thickness will be the minimum as shown in the following, unless otherwise specified. Pipe with helical corrugations shall be re-rolled to form circumferential corrugations as per AASHTO M-274 regarding end finish. The sizes shall be identified by the span and height in inches and shall be manufactured from the thickness metal indicated in tables below, if not otherwise specified.



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49" x 33"	42"	49"	33"	4"	0.101	12
57" x 38"	48"	57"	38"	5"	0.101	10
64" x 43"	54"	64"	43"	5"	0.129	10
71" x 47"	60"	71"	47"	7"	0.129	10
81" x 59"	72"	81"	59"	7"	0.129	10

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NOTES:

NOTE #1: The only revision to Add #3 was to Section 4.1. Sections 4.1.1, 4.1.2 and 4.1.3 were not changed.

NOTE #2: Section V has been revised to include the delivery time for 15" through 48" pipe and larger pipe. The revised Section V included with Addendum II must be used to submit your bid.

End of Addendum #2.

Addendum must be acknowledged in Section 5.10.

Karen D. Smitherman, CPPB, PMP
Manager of Construction and Energy Contracts
Knox County Government

SECTION V VENDOR INFORMATION FOR BID NUMBER 2794, METAL AND PLASTIC PIPE

Bidders are welcome to attach additional documentation to fully address any required responses. Please clearly reference any attachments to the appropriate subsection.

5.1 Vendor: _____

5.2 Vendor number as assigned by Knox County: _____

5.3 Street Address: _____

City: _____ State: _____ Zip: _____

5.4 Contact Person: _____

5.5 Telephone Number: _____

5.6 Fax Number: _____

5.7 Vendor's E-mail address: _____

5.8 By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to Tennessee Code Annotated § 12-12-106.

Authorizing Signature: _____
(Sign in BLUE ink)

5.9 Vendor's Knox County Business License Number: _____
(If Applicable) *Attach A Copy Of The License.*

5.10 I acknowledge the receipt of: (please write "yes" if you received one)

Addendum 1 _____ Addendum 2 _____ Addendum 3 _____ Addendum 4 _____

5.11 Do you accept the terms and conditions of the bid? YES NO YES, WITH EXCEPTION
(Please circle your answer)

If you do not fully accept the terms and conditions, please note the exceptions below:

5.12 Total Number of Years in Business: _____

5.13 Total Number of Local Employees: _____

5.14 Business Location:

Address:

Hours of Operation:
Monday – Friday: _____
Saturday: _____

SECTION V VENDOR INFORMATION FOR BID NUMBER 2794, METAL AND PLASTIC PIPE – CONTINUED

VENDOR NAME: _____

Additional Business Location:

Address:

Hours of Operation:

Monday – Friday: _____

Saturday: _____

- | | | | |
|------|---|------------|----|
| 5.15 | Will you allow Cooperative Purchasing as detailed in Section 1.9? | YES | NO |
| 5.16 | Did you include the correct number of exact copies as detailed in Section 1.10? | YES | NO |
| 5.17 | Will you accept Electronic Commerce Cards as payment as detailed in Section 1.17? | YES | NO |
| 5.18 | Will you allow Knox County designees to tour and inspect your facility as per Section 2.18? | YES | NO |
| 5.19 | Did you include your certifications as detailed in Section 3.10? | YES | NO |
| 5.20 | Did you include your fully executed Insurance Checklist as detailed in Section 3.23? | YES | NO |
| 5.21 | Can you meet the Parts Stocking Requirement as detailed in Section 3.33? | YES | NO |
| 5.22 | Did you include your SDS Sheets for the products bid as detailed in Section 3.45? | YES | NO |
| 5.23 | Did you include your Detailed Submittal Sheets for the products bid as detailed in Section 4.2? | YES | NO |
| 5.24 | What is your Warranty (in calendar days) offered for products bid? | _____ DAYS | |
| 5.25 | Did you complete and include the pricing in Section VI and submit it with your bid? | YES | NO |
| 5.26 | Delivery for typically ordered pipe (15" through 48") guaranteed to be completed within _____ business days after receipt of a signed Purchase Order. NOTE: "ASAP" will not be accepted as a delivery time. | | |
| 5.27 | Delivery for all larger pipe guaranteed to be completed within _____ business days after receipt of a signed Purchase Order. NOTE: "ASAP" will not be accepted as a delivery time. | | |
| 5.28 | Discount for other goods not listed in sample pricing: _____% | | |