

Tioga County Department of Public Works

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Gary Hammond, P.E.
Commissioner of Public Works

Richard Perkins, P.E.
Deputy Commissioner of Public Works

PROPOSAL

SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT PIPE

The Tioga County Commissioner of Public Works will receive sealed proposals at the Tioga County Public Works Department, 477 Route 96, Owego, New York, until 11:00 A.M. Wednesday, January 24, 2018.

All bids shall be submitted in accordance with the attached instruction sheets.

All bids shall be made on the attached proposal sheets. Exceptions may be rejected. All bids shall be submitted in a sealed envelope marked:

“POLYETHYLENE PIPE BID”

“DO NOT OPEN UNTIL 1-24-18 AT 11:00 AM”

All bidders shall submit signed copies of the required NON-COLLUSION CERTIFICATES with their bid proposals. Failure to do so may constitute grounds for rejection.

The County Commissioner of Public Works or his agents reserves the right to reject any or all proposals.

Tioga County reserves the right to reject or accept all or any part of any bid solely as it deems in the best interest of Tioga County.

The successful bid contract may be extended for a period of one (1) year if it is mutually agreeable to both the Commissioner and the low bid contractor.

Any Town, Village, or School District in Tioga County may participate in the bid.

The award of this contract shall be based on the lowest responsible bid. Bidders must bid on all components of each section and all items bid must be from a single manufacturer to be eligible for award. An award will be based on all products meeting Tioga County’s specifications as outlined in the bid document. A no bid on any item within a group may disqualify the bidder from the group award. Considerations will be made to availability of material, delivery, and past history as well as the current standing of the supplier within the industry.

There shall be no assignment of this contract to any other party by the successful bidder without County authorization.

CONTRACT TERM:

The term of this contract will extend through January 22, 2019. Deliveries are to be made within seven (7) days of receipt of order.

DETAILED SPECIFICATIONS:

The smooth interior corrugated polyethylene culvert pipe shall meet or exceed current AASHTO M-294 Specifications.

The pipe shall be manufactured in accordance with the most recent AASHTO M294 Type S or SP specification. The conduit shall be constructed of high density polyethylene conforming to the material classification shown in Table 1.

Table 1

Polyethylene Material Properties	
Applicable Material Specification	ASTM D3350
<u>Property</u>	<u>PE Resin</u>
Density	2, 3, or 4
Melt Index	1, 2, 3, or 4
Flexural Modulus	4 or 5
Tensile Strength	4, 5, or 6
Environmental Stress	2 or 3
Crack Resistance	
Environmental Design Basis	0
UV Stabilizer Code	C or E

The pipe shall be seamless with annular corrugations on the exterior and a smooth interior waterway. Minimum conveyance factors and stiffness shall be as shown in Table 2.

Table 2

Conduit Flow and Stiffness Properties				
Nominal Diameter	<u>12"</u>	<u>15"</u>	<u>18"</u>	<u>24"</u>
Conveyance Factor	46.3	83.9	136.4	293.9
Pipe Stiffness	45	42	40	31
(pii @ 5% deflection)				

Pipe joints and fittings shall conform to AASHTO M294 and be constructed of the same material classification as in Table 1. Couplers shall not cover less than one (1) full corrugation on each section of annular pipe.

The pipe and fittings shall be free of foreign inclusions and visible defects. The ends of the pipe shall be cut squarely and cleanly so as not to adversely effect joining. A manufacturer’s certification that the product was manufactured, tested, and supplied in accordance with this specification shall be furnished upon request to the Commissioner.

CANCELLATION:

Tioga County reserves the right to cancel the contract for unsatisfactory workmanship or unsatisfactory service at any point in the contract year, upon issuance of ten (10) days written notice to that effect.

AWARD:

Award shall be made to the responsible bidder proposing the lowest price of Smooth Interior Corrugated Polyethylene Culvert Pipe whose proposal complies with all provisions to render it formal and legal and whose proposal is considered adequate to the best interests of Tioga County.

WARRANTY:

All materials supplied by the contractor shall carry the standard manufacturer’s warranty.

SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT PIPE BID PRICES:

Diameter	Price per L.F.	Price per Band	Price per End Section
12” Pipe			
15” Pipe			
18” Pipe			
24” Pipe			
30” Pipe			
36” Pipe			
48” Pipe			
60” Pipe			

The undersigned proposes and offers to furnish, to Tioga County, Smooth Interior Corrugated Polyethylene Culvert Pipe which complies with the Specifications for which are attached. This proposal and offer is fully guaranteed to fulfill, in all respects, the minimum specifications as prepared by Tioga County. It is hereby certified that, in accordance with Section 103-D of the General Municipal Law, THERE HAS BEEN NO COLLUSION IN THIS BIDDING.

Name of Company: _____

Address of Company: _____

Telephone Number: _____

Name of Officer: _____

Signature: _____

Date: _____

Municipalities should not use the county bid for any items involving labor.

THE REQUIRED NON-COLLUSION FORM MUST ACCOMPANY BID.

Gary Hammond, P.E.

Commissioner

Tioga County Public Works

TO ALL BIDDERS

In accordance with the New York State General Municipal Law the following Non-Collusion form must accompany each proposal.

NON-COLLUSIVE BIDDING CERTIFICATE

By submission of this bid or proposal, the bidder certifies that:

- (A) this bid or proposal has been independently arrived at without collusion with any other bidder or with any competitor or potential competitor;
- (B) or proposal has not been knowingly disclosed and will not be knowingly disclosed prior to the opening of bids or proposals for this project, to any other bidder, competitor or potential competitor;
- (C) no attempt has been or will be made to induce any other person, partnership or corporation to submit or not to submit a bid or proposal;
- (D) the person signing this bid or proposal certifies that he has fully informed himself regarding the accuracy of the statements contained in this certification, and under the penalty of perjury, affirms the truth thereof, such penalties being applicable to the bidder as well as to the person signing in its behalf;
- (E) that attached hereto (if a corporate bidder) is a certified copy of resolution authorizing the execution of this certificate by the signature of this bid or proposal in behalf of the corporate bidder.

(Authorized Representative)

(Signature)