SPECIFICATION
FOR
SLUDGE BLANKET POLYMER

1.0 GENERAL

The Trenton Water Works (TWW) is seeking bids for emulsion sludge blanket polymer (polymer) in 55-gal drums. The chemical will be used by the Trenton Water Filtration Plant (WFP) to treat Delaware River water to produce potable water for the City of Trenton, New Jersey. More specifically, it will be used to enhance the cohesiveness of the sludge blanket for the Superpulsator Clarifier® pretreatment process.

The estimated average annual quantity is 5,500 gallons of neat polymer solution at 8.34-8.55 lbs/gal. The quantities stated herein are estimates based on the projected flow at the Trenton WFP. The successful bidder agrees to furnish more or less than the estimate in accordance with the actual needs as they occur through the contract period at the negotiated unit price.

The contract term will be for one year from award date of contract. Trenton Water Works reserves the right to extend the contract period at the same pricing if there is a balance left on the contract after the termination date.

Trenton Water Works reserves the right to reduce the quantity and number of shipments of sludge blanket polymer as it deems necessary, and shall pay for only the exact amount of sludge blanket polymer. Trenton Water Works also reserves the right to switch to alternate products.

2.0 PRODUCT

2.1 Applicable Code

The polymer shall conform to the American Water Works Associations standard for Polyacrylamide, B453-06 except as supplemented in this specification. Failure to meet any aspect of this specification may result in refusal of individual deliveries or immediate termination of the contract.

2.2 Minimum Requirements

Polymer shall be emulsion-type with a specific gravity of 1.0 to 1.1 that is compatible with Acrison Model 530 polymer blending units. It shall provide adequate sludge cohesion of sludge blanket in the Superpulsator Clarifier® and its use shall be approved by Infilco Degremont, Inc..

Product shall be Nalco NALCLEAR® 7768, Kemira Superfloc N-1986 or approved equal. Provide with the bid, certification by IDI that states the proposed product meets or exceeds the performance of Nalco NALCLEAR® 7768 or Kemira Superfloc N-1986 N if an alternate is proposed.

2.3 Certification

The sludge blanket polymer product shall be Certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with the most current American National Standards Institute National Science Foundation Standard 60 (Drinking Water Treatment Chemicals - Health Effects). A copy of the ANSI/NSF-60 Acceptance Letter shall be supplied with the bid.

2.4 Submittals with Bid

1. A copy of the ANSI/NSF-60 Acceptance Letter demonstrating the sludge blanket polymer product is suitable for contact with or treatment of drinking water in accordance with the most current American National Standards Institute National Science Foundation Standard 60 (Drinking Water Treatment Chemicals -Health Effects).

2. The name and address of the manufacturer supplying the sludge blanket polymer.

3. Material Safety Data Sheet (MSDS) for the sludge blanket polymer.

4. Certification by IDI if an alternate is proposed.

3.0 DELIVERY

3.1 Delivery Address

Trenton Water Filtration Plant
One Route 29 South
Trenton, NJ 08603

3.2 Delivery Time and Quantity

TWW will determine the quantity and schedule for each delivery and notify the successful bidder at least 14 days in advance of scheduled shipment. Unless otherwise requested by TWW, delivery shall be made between 7:30 am and 3:00 pm, Monday through Friday only.

3.3 Testing

Each delivery must be sampled and tested by the bidder in accordance with AWWA B453-06 Polyacrylamide.

TWW reserves the right to test each shipment on its own and reject the shipment if the blanket polymer solution does not meet this specification.

3.4 Delivery Requirements

The bidder shall deliver neat polymer by truck in 55-gallon drums on pallets (4 per pallet). Each delivery will have a minimum quantity of 4 drums (1 pallet). Owner will unload pallets from truck by forklift.

4.0 PAYMENT

The payment shall be based on the actual amount of polymer delivered and the negotiated unit price per lb of polymer.

Total Payment = (Net Weight of Neat Polymer Solution Delivered)[1] x ($/lbs of Neat Polymer)[2]

1. Net Weight of Neat Polymer Solution Delivered is measured by a certified scale for each delivery
2. $/lbs of Neat Polymer is the negotiated unit price

PROPOSAL
TO
TRENTON WATER WORKS
FOR
SLUDGE BLANKET POLYMER
FY2016

The undersigned proposes to furnish and deliver to Trenton Water Works, Water Filtration Plant, John Fitch Parkway, Trenton, New Jersey Sludge Blanket Polymer, as per the attached specifications.

Quantity	Description	Unit Price Per drum	Total Bid Price
5500 gallons	Sludge Blanket Polymer per attached specifications	$ _____	$ _____

_____
Respectfully Submitted

_____
(Signature)

_____
(Company)

Person to Contact: _____

Telephone Number: _____

PRICES SHALL BE FIRM FOR THE LENGTH OF THIS CONTRACT

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