



INVITATION TO BIDDERS

The City of Gatlinburg is accepting sealed bids on the Secondary Clarifier Effluent Channel Surface Coating Project at the Wastewater Treatment Plant for the City of Gatlinburg. This facility is located at 1025 Banner Road, Gatlinburg Tennessee 37738.

This work generally includes surface preparation and application of a prescribed epoxy-type industrial coating system to specific concrete surface areas of one (1) of the existing secondary clarifiers.

Detailed specifications are provided herein Section A: Technical Specifications. These documents can also be obtained on the City of Gatlinburg website at www.gatlinburgtn.gov under "Out for Bids" tab. This tab is located under Gatlinburg Government, and then choose Purchasing. Bid results are posted in the same area as shortly after bid opening as possible.

Bids will be received at Gatlinburg City Hall until 2:30 p.m., February 7, 2019, at which time they will be publicly opened and read aloud.

All bids must be enclosed in a sealed envelope with the bidder's name, address, bid opening date and time, and the quotation "**Bid on Secondary Clarifier Effluent Channel Surface Coating Project**" stated clearly on the outside.

Address bids and/or inquiries to Delea Patterson, AP/Purchasing, Gatlinburg City Hall, 1230 Parkway East, Suite 2, P.O. Box 5, Gatlinburg, TN 37738, Telephone Number (865) 436-1409. Email: deleap@gatlinburgtn.gov.

A site visit to examine the project area is highly recommended prior to submitting a bid for this work. Any questions regarding access to the facility or the technical specifications should be directed to Bill Ehrenbeck with Veolia Water at 865-436-6560. Due to ambient temperature and plant flow considerations, this work shall be performed and completed between May 1st and June 14th of 2019.

The City of Gatlinburg reserves the right to waive any informalities in or to reject any and/or all bids and to accept the bid deemed most favorable to the interest of the City.

Bidders must possess all of the appropriate licenses and insurances necessary for performing this type of work. Certificate of Insurance and copy of Contractor's License to be submitted with bid.

GENERAL PROVISIONS

Prices quoted shall not include Federal or State taxes, if any are applicable. The successful bidder shall furnish tax exemption forms, if required, with their invoices.

The prices quoted are that for which the materials or services will be delivered F.O.B. Gatlinburg, Tennessee.

Any additions, deletions, or variations from the following specifications must be noted.

Inspection of the materials or equipment will be made by an agent of the City of Gatlinburg, and if found defective or fails in any way to meet the terms of this agreement, it will be rejected. Rejected materials or equipment will be replaced at the expense of the bidder.

All technical specifications for materials and products must accompany bid.

The City of Gatlinburg reserves the right to defer payment for thirty (30) days after delivery. The City of Gatlinburg also reserves the right to reject any and/or all bids.

The bidder agrees to indemnify the City of Gatlinburg from any and all liability and loss or damage the City may suffer as a result of claims, demands, costs, or judgments against it arising from any and all work under this agreement.

The bidder agrees to notify the City, in writing, within thirty (30) days, by registered mail, at the City's address as stated in this agreement, of any claim against the bidder on the obligations indemnified against.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

Certain projects with a total cost of \$25,000 or more require a TN Contractors license. This License #, Classification and Expiration date MUST be listed on the bid envelope. Bidders cannot use license of another to bid on any City of Gatlinburg project.

SECTION A: TECHNICAL SPECIFICATIONS
SECONDARY CLARIFIER EFFLUENT CHANNEL SURFACE COATING PROJECT
GATLINBURG WATSEWER TREATMENT PLANT
1025 BANNER ROAD

OBJECTIVE:

To restore eroded areas of the concrete to restore a smooth surface and to apply a protective coating to prevent further erosion and to provide a surface to promote easier cleaning.

SCOPE:

1. Areas to be protected/repared

1.1. Concrete rebuild

1.1.1. Inner wall of the launder from the weir to the bottom of the inner wall.

1.1.1.1. Approximate dimensions- 20'-1/2" L x 157' Diameter x 1/4" thickness.

1.1.2. Outer wall of the launder from the bottom of the wall to the top of the eroded area.

1.1.2.1. Approximate dimensions- 6" L x 157' diameter x 1/4" thickness.

1.2. Area to be coated

1.2.1. The launder from the weir to approximately 12" above the trough floor on the outer wall.

1.2.1.1. Approximate dimensions- 4'-0" L x 157' diameter.

2. Preparation

2.1. Power wash to remove loose material, dirt, build-up, grime, or other foreign material.

2.2. Light abrasive blast of Belzona Concrete repair products (or approved equivalent) and exposed concrete to be coated after application and cure of Belzona concrete (or approved equivalent) repair products.

2.3. Edges and areas where coating should not adhere will be taped and masked as necessary for protection and to create sharp straight lines.

3. Application of Belzona Materials and NSP Coating

3.1. Handling & Mixing

3.1.1. All material will be stored and handled as prescribed by the manufacturer

3.2. Applying the materials

3.2.1. Belzona 4911 TX conditioner/Belzona 4131 Magma-screed (or approved equivalent) will be used to rebuild the eroded concrete on the inner and outer wall of the launder.

3.2.2. The surface will be lightly abrasive blasted to prepare the screeded surface and exposed concrete for application of the NSP 100/NSP 120 (or approved equivalent epoxy top coat) in accordance with the manufacturer's instructions.

3.2.3. NSP 100 Epoxy/Concrete Sealer (or approved equivalent) will be applied to all bare concrete that is to be coated.

3.2.4. A 2-coat, 2 color system of NSP 120 (or approved equivalent) will be applied at 8-12 mils per coat to the launder area beginning at the weir and extending across and up the outer wall to just above the expected water level (approximately 12" up the wall).

3.2.5. *It may be necessary to perform a soap and water wash between coats of the NSP coating in the event that an amine blush develops.*

3.3. Environmental Conditions

3.3.1. The following is the recommended environmental conditions for application of the concrete repair material and the protective coating.

3.3.1.1. Ambient and substrate temperatures should be between 50⁰ F and 90⁰ F during the application of the materials. Application should not begin if the material or substrate temperature is expected to fall below 50⁰ F within 12 hours of application.

3.3.1.2. The dewpoint should be > 5⁰ F of the temperature.

3.3.1.3. Rain, fog, or mist could delay or postpone the application of materials.

3.4. Cure Time

3.4.1. NSP 120 (top coat) will reach its full-service cure in 12 hours at 77⁰ F.

4. Workmanship

4.1. Proper safety equipment will be used and appropriate safety procedures will be followed.

4.2. All tasks to be completed by trained and experienced personnel in the respective tasks.

4.3. Work areas will be kept as neat as possible during the project.

5. Duration

5.1. This project is estimated to take 5-7 days working 8-10 hours/day. (*Working hours may need to be extended or worked inconsecutively to meet the coatings and repair products cure schedule and/or to meet overcoat times*).

6. Miscellaneous

6.1. One of the six existing secondary clarifiers has been completed as an example. One (1) of the five remaining clarifiers is to be completed by the contractor within the scope of this bid.

6.2. *This work shall be performed between May 1 and June 14, 2019, due to temperature and plant flow considerations.

6.3. The contractor shall coordinate with plant operations personnel regarding work scheduling and access to the structures.

6.4. The contractor shall adhere to all prevailing safety and labor requirements.

Delea Patterson, A/P Purchasing
City of Gatlinburg
1230 East Parkway
P.O. Box 5
Gatlinburg, TN 37738

RE: Bid for Secondary Clarifier Effluent Channel Surface Coating Project

We have reviewed the Invitation to Bid and Specifications as provided and offer the following pricing:

\$ _____ Bid for Secondary Clarifier Effluent Channel Surface Coating for One (1) Round Secondary Clarifier.

Total cost, all materials and labor, to prepare the specified concrete surfaces and properly apply the prescribed coating system at the Gatlinburg Wastewater Treatment Plant at 1025 Banner Road, per the attached specifications.

Due to ambient temperature and plant flow considerations, this work shall be performed and completed between May 1st and June 14th of 2019.

Any Alternates/Deviations from the Plans and Specifications are listed Below:

DEVIATIONS: __YES__NO

Signed/ _____

Name (Print)

Date

Company Name

Telephone Number

Address

Fax Number

City State Zip

Email

EACH BIDDER SHALL SUBMIT THIS STATEMENT OF COMPLIANCE WITH THEIR BID.

For Title VI and IX compliance, we ask for voluntary disclosure of the following information:

Gender: Male_____

Female _____

Race: Caucasian _____

African American_____

Other (please specify)_____

Vendor List
Wastewater Treatment Plant Secondary Clarifier Effluent Channel
Surface Coating Project

(This Bid is open to all qualified bidders, regardless of whether they are listed below)

<p>Citadel Construction Mr. Eric Horner PO Box 6247 Sevierville, TN 37864 865-286-2699 865-286-2698 fax info@citadelconstruction.com</p>	<p>FIMCO Services, LLC Randall S. Parr 945 Manufacturers Road Dayton, TN 37321 423-775-5004 fimcotn@bellsouth.net</p>
<p>Planet, Inc Mr. Charles Hurst 920 N. Front Avenue Rockwood, TN 37854 865-354-0605 865-354-0901 fax</p>	<p>Southern Constructors, Inc. Mr. Clark Cooper 1150 Maryville Pike Knoxville, TN 37940 865-579-5351 865-579-4328 fax ccooper@southernconstructorsinc.com</p>