



INVITATION TO BIDDERS

The City of Gatlinburg is accepting sealed bids on the RAS Building Machinery and Equipment Painting 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 cleaning and sandblasting of existing pumps, valves, pipe, fittings and related machinery equipment and applying a specified industrial coating system.

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 opaque envelope with the bidder's name, address, bid opening date and time, and the quotation "**Bid on RAS Building Machinery and Equipment Painting**" 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 equipment to be painted 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.

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.

TECHNICAL SPECIFICATIONS
WASTEWATER TREATMENT PLANT RAS BUILDING MACHINERY AND EQUIPMENT
PAINTING: PROTECTIVE COATINGS

SECTION INCLUDES

Protective coatings and surface preparation for the following coating systems:
Exposed atmospheric high performance coating systems.

SCOPE

All structures within said facility shall be prepared and coated per the products specified and in the schedule listed at the end of this Section.

General Exposed Interior Surfaces to be Painted:
Pumps, Piping, Valves, Fittings

General Surfaces Not to be Painted:
Concrete.
Electrical panels.
Equipment nameplates.
Grease fittings.
Flow Meters.

DEFINITIONS

Definitions:

Contractor is the party or persons directly contracted or subcontracted through a third party to perform the work described herein.
Engineer is the supervising Engineer of record.
Owner is the facility Owner.
Manufacturer is the materials supplier.

REFERENCES

ASTM International (ASTM):

ASTM D 16 - Standard Terminology for Paint, Related Coatings, Materials, and Applications.
ASTM D 4417 Standard Test Methods for Field Measurement of Surface Profile of Blast Cleaned Steel.
ASTM D 4541, Standard Test Method for Pull-off Strength of Coatings Using Portable Adhesion Testers.
ASTM D 7091 - Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals.
SP0188-06 - Discontinuity (Holiday) Testing of Protective Coatings.

National Association of Pipe Fabricators (NAPF):

500-03-04 Abrasive Blast Cleaning for Ductile Iron Pipe.
500-03-04 Abrasive Blast Cleaning for Ductile Iron Fittings.

The Society for Protective Coatings (SSPC):

SSPC-SP 1 - Solvent Cleaning.
SSPC-SP 2 - Hand Tool Cleaning.
SSPC-SP 3 - Power Tool Cleaning.
SSPC-SP 5 / NACE 1 - White Metal Blast Cleaning.

SSPC-SP 6 / NACE 3 - Commercial Blast Cleaning.
SSPC-SP 7 - Brush off Blast Cleaning.
SSPC-SP 10 / NACE 2 - Near White Metal Blast Cleaning.
SSPC-SP 11 - Machine Tool Cleaning to Bare Metal.
SSPC-SP 12 / NACE 5 - Waterjet Cleaning.
SSPC-SP 13 / NACE 6 - Surface Preparation for Concrete.
SSPC-SP 14 / NACE 8 - Industrial Blast Cleaning.
SSPC-SP 15 - Commercial Grade Power Tool Cleaning.
SSPC-SP 16 - Brush off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non Ferrous Metals.
SSPC-SP WJ-1 / NACE WJ-1 Clean to Bare Substrate.
SSPC-SP WJ-2 / NACE WJ-2 Very Thorough Cleaning.
SSPC-SP WJ-3 / NACE WJ-3 Thorough Cleaning.
SSPC-SP WJ-4 / NACE WJ-4 Light Cleaning.
SSPC-PA1 - Best Practices for Paints and Coatings Application.
SSPC-PA2 - Measurement of Dry Coating Thickness with Magnetic Gauges.
SSPC-PA71 - Procedure for Determining Conformance to Steel Profile/Surface Roughness/Peak Count Requirements.

United States Environmental Protection Agency (EPA):
Method 24 - Surface Coatings.

QUALIFICATIONS

Coating manufacturer's authorized representative shall provide written statement attesting that the applicator has been instructed on proper preparation, mixing and application procedures for coatings specified.

Applicators shall have a minimum of 5 years' experience in application of similar products on similar project.

Contractor shall possess a valid state license as required for performance of the painting and coating work called for in this specification.

Provide references for minimum of three different projects completed in last five years with similar scope of work.

Include name and address of project, size, and scope of work.

Applicators shall possess current SSPC-QP certifications as required by the Owner and Engineer.

SUBMITTALS

Submit all required documentation noted herein and under provisions of Submittal Procedures.

Product Data: Manufacturer's data sheets on each paint and coating product should include:

Colors available for each product (where applicable).

Product characteristics and coating manufacturer's guidelines and recommendations for surface preparation, painting, drying, curing, handling, shipping, and storage of painted structural steel.

Surface preparation requirements.

Storage and handling requirements and recommendations.

Application methods.

VOC compliance.

MSDS.

Contractor Work Plan:

In general, the contractor shall supply the Owner or Engineer's representative with a plan of work.

The work plan should detail but is not limited to the following items.

Proposed methods of containment, collection, and disposal of related debris, rinse water, or trash.

Proposed surface preparation standards and methods to achieve standard for each space or substrate identified on the plans, drawings, or finish schedule.

Proposed coating system for each space or substrate identified on the plans, drawings, or finish schedule.

Confirmation of compatibility for shop and field applied coatings. (where applicable).

Proposed methods and equipment to be used for paint application.

Proposed methods for maintaining proper environmental conditions during surface preparation, application, and curing cycles of the coating materials.

Proposed methods and job safety analysis procedures for maintaining a clean, safe and secure jobsite during work activity.

Proposed methods to protect coating during curing, shipping, handling, and storage.

Proposed methods for storing materials.

Proposed methods and examples of daily reports of contractor work progress.

Potential hazards and mitigation, work processes, scheduling conflicts or other planning items which would hinder successful and timely completion of the project.

Selection Samples: Submit a complete set of color chips that represent the full range of manufactures color samples available.

Verification Samples: For each finish product specified, submit samples that represent actual product, color, and sheen.

QUALITY ASSURANCE

Quality assurance procedures and practices shall be at the discretion of the Engineer or Owner. It provides oversight of quality control monitoring of all phases of the installation process including but not limited to surface preparation and application of coatings.

Requirements for acceptable quality control methods shall be utilized and defined by the Owner or Engineer.

Procedures or practices for quality control practices not specifically defined in this Section may be utilized, provided they meet recognized and acceptable professional standards and are accepted by the Engineer or Owner's representative.

Arrange for coating manufacturer's representative to attend preconstruction conferences and make periodic visits at the construction site to provide consultation services during surface preparation work and application of coatings.

Pre-Installation Conference:

The contractor, the installation sub-contractor, and the lining system manufacturer's representative shall meet on site with the Owner's representative. Particular emphasis shall be placed on these specification requirements, safety, weather conditions, surface preparation, material application, and inspection.

The contractor shall submit to the Owner's representative any revisions or changes agreed upon, reasons thereof, and parties agreeing or disagreeing with them.

Surface Preparation: Preparation of all surfaces and application of coatings specified in this section shall be in strict accordance with coating manufacturer's instructions as supplemented by these specifications.

Coating Application: Apply coatings in strict accordance with manufacturer's material data sheets with particular attention to curing and drying times and temperatures.

Substrate Conditions: Do not proceed with immersion, submerged, industrial resinous flooring, and chemical containment work until substrate preparation and tolerances have been approved by the Owner's representative, chemical resistant system manufacturer's representative, the approved installation sub-contractor, and the contractor.

Inspection of Dry Film: Thickness of coatings shall be checked with a nondestructive, magnetic-type thickness gauge.

Ensure all dry film thickness requirements as specified have been met. Readings shall be performed at or above the frequency specified in SSPC-PA2. Meet the minimum requirements for SSPC-PA2.

Use an instrument such as a Tooke Gauge if a destructive tester is deemed necessary.

Test coating integrity of all surfaces with an approved inspection device.

Holiday detection testing: Shall be accomplished over 100 percent of coated surfaces, and in strict accordance with NACE SP0188.

For "high voltage" holiday inspection equipment used to inspect film thickness between 20 - 50 mils adjusted voltage shall not exceed voltage recommended by manufacturer of coating system.

For "wet sponge" holiday inspection equipment used to inspect film thickness between 8 and 10 mils, add a non-sudsing type wetting agent to water prior to wetting detector sponge.

No pinholes or other irregularities will be permitted in final coating.

Inspection Testing Devices: Provide following testing devices to be jointly used on this project by the contractor and Engineer. Devices shall remain property of contractor during and after project.
Surface profile Comparator or Testex Tape to measure surface profile prior to coating application.
Psychrometer and psychometric tables or charts for humidity and dew point determination.
Dry film thickness gauge and calibration blocks for coating thickness testing.
Wet film thickness gauge for coating thickness testing.
10 times magnifier for examination.
Holiday detector and associated equipment for coating defect determination.
Combustible gas analyzer (sniffer) for safety.

DELIVERY, STORAGE, AND HANDLING

Delivery: Deliver manufacturer's unopened containers to the work site. Packaging shall bear the manufacturer's name, label, and the following list of information:

Product name, type (description).

Application and use instructions.

Surface preparation.

VOC content: for two component products, provide mixed VOC in g/L.

Environmental issues.

Batch date.

Color number.

Storage: Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

Store materials in an area that is within the acceptable temperature range, per manufacturer's instructions. Protect from freezing.

Handling: Maintain a clean, dry storage area, to prevent contamination or damage to the coatings.

PROJECT CONDITIONS

Maintain environmental conditions during surface preparation, application, and curing of installed coating system.

Temperature, humidity, and ventilation must be within limits recommended by manufacturer for optimum results. Do not apply coatings under environmental conditions outside manufacturer's absolute limits.

Dehumidification and heating for coating of immersion environments shall be effectively designed and used when needed to maintain proper environmental conditions for proper surface preparation, coatings application, and curing of the installed coating.

Confirm site electrical power source availability prior to bidding of project. If on site power is not available, provide internal combustion engine generators of sufficient power for the dehumidification and heating equipment.

Heating equipment including electric, indirect combustion, indirect fired, or steam coil methods may be used.

Direct fired propane heaters shall not be used during surface preparation, application and curing of the coating.

Heating equipment shall be intrinsically safe or deemed safe by safety personnel prior to use on the job site.

Substrate moisture content shall be below manufacturer's recommendation for each substrate to be coated.

PART 1 PRODUCTS

MANUFACTURERS

Acceptable Manufacturer: Sherwin-Williams, which is located at: 101 Prospect Ave.; Cleveland, OH 44115; Toll Free Tel: 800-524-5979; Tel: 216-566-2000; Fax: 440-826-1989; Email:

specifications@sherwin.com; Web:http://www.sherwin-williams.com/pro/services/architects_designers/?WT.mc_id=SWRedirect_ProServices_Architects|http://www.generalpolymers.com

Substitutions: Not permitted.

Protective coating materials shall be standard products produced by recognized manufacturers who are regularly engaged in production of such materials for essentially identical service conditions. When requested, the contractor shall provide the Engineer with the names of not less than ten successful applications of the proposed manufacturer's products that comply with these requirements.

Standard approved painting, coating, and lining systems are defined herein. Apply approved systems according to the finish schedule.

EXPOSED ATMOSPHERIC HIGH PERFORMANCE COATING SYSTEMS

Industrial Epoxy, Epoxy Finish (S/G):

Minimum total film thickness, 8 mils dft,

Spot prime all exposed substrates with the designated new substrate primer.

Prime:

Ferrous Metal, Minimum 4 mils dft: Dura-Plate 235, B67-235 Series.

Non Ferrous Metal, Minimum 4 mils dft: Dura-Plate 235, B67-235 Series.

Finish, Minimum 4 mils dft: Dura-Plate 235, B67-235 Series.

PART 2 EXECUTION

EXAMINATION

Examine all substrates and conditions, with contractor, Engineering representative present for compliance with requirements for maximum moisture content, surface soundness, and other conditions affecting the performance of the Work.

Do not begin application of coatings until substrates have been properly prepared, examined, and conditions properly reported. Notify Architect of unsatisfactory conditions or areas where specified surface preparation cannot be achieved.

If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation. Proceed with work only after conditions have been corrected, and approved by all parties, otherwise application of coatings will be considered as an acceptance of surface conditions. Beginning coating application constitutes contractors acceptance of substrate and conditions.

Identify all shop primed items and previously painted surfaces and provide preparation procedures for review and approval.

SURFACE PREPARATION:

General:

The surface must be dry and in sound condition. Remove oil, dust, dirt, loose rust, peeling paint or other contamination to ensure good adhesion.

Remove incompatible primers and prime substrate with compatible primers or apply a tie coat as required to product the coating system indicated.

Previously coated, existing surfaces shall be identified and existing coating type confirmed.

In the event that the existing coating cannot be confirmed consult with the manufacturer and submit tie coat alternative solutions.

Verify that the atmospheric conditions are within the acceptable temperature, humidity and sun exposure limits.

Dehumidification must be utilized in the event that atmospheric conditions cannot be maintained.

Adhere to manufacturer's recoat time surface preparation requirements.

Surfaces exhibiting rust bloom, moisture weeping, or any other deleterious condition shall be sufficient repaired prior to the application of coating or lining system. Repair methods include necessary mean to meet original specification requirements, including abrasive blasting as needed.

Remove any residual dusting or light surface contamination from prepared surfaces prior to the application of the coating system.

Protect all surfaces not being coated from any damage due to surface preparation work process.

Install coating systems to only properly prepared surfaces.

Abrasive Blast Cleaning:

Blast cleaned surfaces shall match the standard samples available from the NACE Standard TM-01-70, Visual Standard for Surfaces of New Steel Air Blast Cleaned with Sand Abrasive and TM-01-75, Visual Standard for Surfaces of New Steel Centrifugally Blast Cleaned with Steel Grit.

Remove all oil, grease, welding fluxes, and other surface contaminants by solvent cleaning per SSPC-SP1 prior to any mechanical surface preparation.

Sharp edges shall be rounded or chamfered, and burrs and surface defects and weld splatter shall be ground smooth prior to blast cleaning in accordance with NACE SP0178-07, Design, Fabrication, and surface Finish Practices for Tanks and Vessels to Be Lined for Immersion Service.

The type and size of abrasive shall be selected to produce a surface profile that meets the coating manufacturer's recommendation of the particular product and service conditions. Abrasives for submerged and severe service coating systems shall be clean, hard, sharp cutting

crushed slag. Metal shot or grit shall not be used for surfaces in submerged services. Abrasive shall not be reused unless an automated lasting system is used for surfaces that will be in non-submerged service. For automated blasting systems, clean, oil free abrasives shall be maintained. The abrasive mix shall include at least 50 percent grit. Compressed air for blast cleaning shall be supplied at adequate pressure from well-maintained compressors equipped with oil and moisture separators that remove at least 98 percent of the contaminates.

Ferrous Metal Surface Preparation in Architectural Environment:

Hollow Metal, Miscellaneous Ornamental Iron, Trim/

Clean in accordance with SSPC SP1 and in accordance with hollow metal manufacturer. Shop primed items shall be sufficiently abraded with sandpaper prior to coating system application.

Exposed metal shall be cleaned per SSPC-SP15, Machine Tool Cleaning to Commercial Standard.

Structural Steel Columns, Joists, Trusses, Beams: New, Corrosive Environment:

Clean in accordance with SSPC-SP1, Solvent Cleaning.

Abrasive blast clean all surfaces per SSPC-SP6.

Apply primer to blasted substrate using the most stringent method, within 4 hours of blast cleaning or prior to rust blooming.

Immersion: Clean surfaces with biodegradable removing cleanser to remove oxidation layer from surface per SSPC-SP1. Abrasive brush blast clean surfaces per SSPC-SP16. Surface profile 2 to 4 mils.

In contact with concrete: Clean surfaces with biodegradable removing cleanser to remove oxidation layer from surface per SSPC-SP1. Abrasive brush blast clean surfaces per SSPC-SP16. Surface profile 1.5 to 2 mils.

Ductile Iron Metal Surface Preparation:

Immersion, submerged, partially submerged, buried, or partially buried

Clean in accordance with SSPC-SP1, Solvent cleaning.

Abrasive blast cleaned per NAPF 500-03-04 and NAPF 500-03-05 guidelines.

Existing or Previously Coated Surface Preparation:

Clean all previously coated surfaces to remove dirt, greases, solutions, and any foreign contaminants per SSPC-SP1. Cleaning agent shall be biodegradable, highly concentrated, water reducible, alkaline detergent blend. Cleaned surfaces shall be properly rinsed to remove all cleaners and contaminants.

Previously coated, existing painted surfaces shall be thoroughly and completely abraded. Existing coatings shall be sufficiently deglossed and profiled for application of prime coats.

Exposed or corroded substrates shall be mechanically cleaned to remove all corrosion or deteriorated material. Surface preparation requirements of corresponding deteriorated exposed substrate shall be achieved according to original substrate surface preparation for architectural or high performance coatings.

Sand and feather edge a smooth transition from existing coatings and exposed substrate such that damaged area are not visible from a distance of two (2) feet.

Final surface preparation for existing coatings and deteriorated substrates shall provide intact, tightly adherent coatings, cleaned substrate, dull, and dry.

INSTALLATION

General Requirements:

Apply all coatings and materials according to the finish schedule.

Apply all coatings and materials with manufacture specifications in mind. Apply coatings by brush, roller, or spray equipment unless otherwise directed by the manufacturer.

Mix and thin coatings according to manufacture recommendation.

Do not apply to wet or damp surfaces.

Uniformly apply coatings without runs, drips, or sags, without brush marks, and with consistent sheen in accordance with SSPC-PA1. Regardless of number of coats specified, apply as many coats as necessary for complete hide, uniform appearance, and achieving the required dry film thickness. Final film of coatings shall have no visible, drips, overspray, dry spray,

runs, ridges, sags, holidays, dry lap or brush marks.

Inspection: The coated surface must be inspected and approved by the Architect or Engineer.

Plural component spray applied equipment shall be properly inspected and in working condition prior to the application of materials.

All gauges, valves, pistons, and working parts shall be in proper working order.

Coating materials stored in drums shall be premixed and heated prior to the application of the coating.

Perform successful a ratio check of spray material prior application of coating.

All equipment settings and requirements for proper application including but not limited to pressures, volumes, mix ratio settings, shall be in proper working order and closely monitored during application.

Sample spray application of specific material shall be applied to "sample cards" just prior to the application of plural applied material. Supply sample cards from previous day's application with proper date and time markings to Engineer for verification of cured material.

Stripe coats shall be applied to all welds, edges, nuts, bolts, difficult to reach areas.

Stripe coats shall be applied directly to properly prepared surface prior to spray application of primers.

Stripe coats shall also be applied directly to primed surface prior to spray application of the intermediate coats for multi-coat immersion or submerged applications.

Stripe coat material shall be the same or separately approved material compatible with the material used for spray application of any given coat.

Spray application shall be performed when conditions, environments, and permitting allow.

Use only spray equipment approved by the manufacturer for the specific coat of material.

Multiple coat applications shall be installed according to the manufacturers printed requirements.

Coats of material shall be sufficiently dry prior to the application of a subsequent coat in a coating system.

Do not allow excessive drying time to pass which will inhibit or reduce the inter-coat adhesion of the multiple coat system.

If recoat requirements have been exceeded, brush blast or scarify prior coat according to the manufacturers requirement. Provide written confirmation of repair process from manufacturer.

Remove any dust or foreign contamination from previous coat prior to applying the next coat in a multi coat system.

Apply no coating when surrounding air temperature of surface to be coated is below minimum temperature allowed by manufacturer's recommendations for coating application or when it is expected that air temperature will drop below minimum 8 hours after coating application.

Apply no coating when surrounding air temperature is forecasted to be less than 5 degrees F (C) above dew point within 8 hours after coating application.

Apply no coating to steel which is 5 degrees F (C) below air temperature or which is at a temperature over 115 degrees F (C), nor shall coating be applied to steel which is at a temperature that will cause blistering or porosity or otherwise will be detrimental to the life of the coating.

No coating shall be applied to wet or damp surfaces or in rain, snow, fog, or mist. Coating shall not be applied on frosted or ice-coated surfaces.

Dew point shall be measured by use of an instrument such as a Sling Psychrometer in conjunction with U.S. Department of Commerce Weather Bureau Psychrometric Tables or equivalent.

The coated surface must be inspected after application of individual coats within the multi coat system and after completion of the system. Applied systems must be approved by the Architect or Engineer.

Curing Requirements:

Maintain adequate environmental conditions and ventilation during drying and curing of applied coating systems.

Allow all primer and intermediate coats to sufficiently dry prior to the application of subsequent coat of material.

Coating systems to be placed into immersion service shall cure under the proper conditions as stated by the manufacturer for the full curing time requirement. Deviations from the proper

conditions shall be quickly resolved by the contractor and the methods used shall be confirmed by the manufacturer.

All applied coatings shall be properly and completely cured prior to being placed into their intended service.

Prime Coat Application:

Prime all surfaces to be painted.

Prime and finish all surfaces that will be inaccessible after installation.

Back prime all wood substrates with two coats of approved primer prior to installation.

Primed substrate shall be of consistent film thickness and coverage to meet the specification.

Provide proper environmental conditions for curing of prime coat.

Finish Coat Application:

Apply all intermediate and finish coats to properly primed substrates within the recoat requirements and according to the product data sheet of the manufacturer.

Apply contrasting colors for distinguishing between intermediate and finish coats.

Field applied intermediate and finish coats shall be applied to shop primed substrates only within sufficient adhesion can be obtained. When required, thoroughly and completely abrade existing primers and apply a subsequent tie coat of approved primer will be applied to the abraded shop primer.

QUALITY CONTROL

In general the contractor will maintain appropriate and measurable quality control activities that ensure successful installation of the coating systems.

Measure all dry film thickness readings as defined in SSPC-PA2.

Apply all coatings using methods defined in SSPC-PA1.

Perform all stripe coating using methods defined in SSPC-PA 11.

Maintain and provide to Engineer copies of daily records of contractor activity while performing work on the project. Daily record information should include but is not limited to the following.

Site foreman responsible for day's activities.

Work hours. Start and finish times.

Crew members.

Atmospheric measurements during exterior work should include evenly sequenced measurements of general weather condition, wind speed, air temperature, and relative humidity.

Atmospheric measurements during high performance coating application particularly submerged or immersion items should include evenly sequenced measurements of general weather condition, wind speed, air temperature, and relative humidity during all surface preparation, application, and curing of applied systems.

Substrate temperatures at the time of application and completion of the application.

Measure wet film of applied coating using wet film thickness gauges.

Detailed record of start and finish times of activities performed on a given space.

Maintain accurate quality control records of applied coating systems.

Record accurate dry film thickness readings in accordance with SSPC-PA 2.

PROTECTION

Protect finished coatings from damage until completion of project.

Applied coatings shall not be placed into service until properly cured.

Maintain acceptable environmental conditions for proper curing of the applied coating system.

Touch-up damaged coatings after substantial completion, following manufacturer's recommendation for touch up or repair of damaged coatings. Repair any defects that will hinder the performance of the coatings.

END OF SECTION

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

RE: Bid for RAS Building Machinery and Equipment Painting

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

\$ _____
Bid for RAS Building Machinery and Equipment Painting

Total cost, all materials and labor, to sandblast and apply two coats of SW Dura-Plate 235 Epoxy to all pipe, valves, pumps and structural steel in two (2) RAS pump stations at the Gatlinburg Wastewater Treatment Plant at 2015 Banner Road, per the attached specifications.

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 RAS Building Machinery and Equipment Painting

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

Citadel Construction Mr. Eric Horner PO Box 6247 Sevierville, TN 37864 865-286-2699 865-286-2698 fax info@citadelconstruction.com	Robert Maples Construction 540 Loop Road Gatlinburg, TN 37738 865-368-6382 rqmaples@aol.com
Planet, Inc Mr. Charles Hurst 920 N. Front Avenue Rockwood, TN 37854 865-354-0605 865-354-0901 fax	Southern Constructors, Inc. Mr. Clark Cooper 1150 Maryville Pike Knoxville, TN 37940 865-579-5351 865-579-4328 fax ccooper@southernconstructorsinc.com