

APPENDIX A

Town of Edisto Beach

Water Storage Tank Coating Specification

APPENDIX A

TOWN OF EDISTO BEACH WATER STORAGE TANK COATING SPECIFICATION

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. The work of this section includes the surface preparation and painting of all surfaces related to the Town of Edisto Beach's water storage tanks as outlined in the Request for Proposal – Professional Tank Maintenance Program for Water Storage Tanks.

1.2 MEASUREMENT AND PAYMENT

- A. No separate payment shall be made for work under this section. All Costs for work performed under this Section shall be included in the fees for the executed contractual agreement.

1.3 REFERENCES

- A. ASTM D16 - Definitions of Terms Relating to Paint, Varnish, Lacquer, and Related Products.
- B. AWWA (American Water Works Association) - C204 - Chlorinated Rubber-Alkyd Paint Systems for the Exterior of Above Ground Steel Water Piping.
- C. AWWA (American Water Works Association) - D102 - Painting Steel Water Storage Tanks.
- D. NACE (National Association of Corrosion Engineers) - Industrial Maintenance Painting.
- E. NPCA (National Paint and Coatings Association) - Guide to U.S. Government Paint Specifications.
- F. SSPC (Steel Structures Painting Council) - Steel Structures Painting Manual.

1.4 SUBMITTALS FOR REVIEW

- A. Product Data: Submit a complete paint schedule to the Owner for review prior to ordering any paint material. The schedule shall list the complete paint system for each surface including generic type, trade or brand name, number of coats, total dry film thickness and surface preparation. Catalog cuts and technical data on material to be used shall be submitted along with the schedule.

1.5 SUBMITTALS FOR CLOSEOUT

- A. Manufacturer's Certificate: Certify that products meet or exceed specified requirements. Provide

1.6 QUALITY ASSURANCE

- A. Referenced manufacturer is Tnemec, Inc. and is named to establish a standard of quality. The manufacturer specifications should be strictly adhered to. There will be no variance issued.
- B. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.
- C. Paint Coordination
 - 1. Provide finish coats which are compatible with the prime coats actually used.
 - 2. Review other Sections of these specifications as required, verifying the prime coats to be used and assuring compatibility of the total coating system for the various substrata.
 - 3. Upon request, furnish information on the characteristics of the specific finish materials to assure that compatible prime coats are used.
 - 4. Provide barrier coats over noncompatible primers, or remove the primer and reprime as required.
 - 5. Notify the Owner in writing of anticipated problems in using the specified coating systems over prime coatings supplied under other Sections.
- D. Paint Contractor Qualifications
 - 1. Paint Contractor to have a minimum of five years practical experience and successful history in the application of specified products.
 - 2. Furnish a list of references and job completions.
 - 3. The Paint Contractor must provide a letter from the Manufacturer stating their acceptance of the Paint Contractor for this project to apply these products.
 - 4. The Paint Contractor shall possess the applicable license to perform the work as herein described and as specified by local, state and federal laws.
 - 5. The Paint Contractor shall provide a site mock up with each paint system as a representative of how the systems shall be installed and their final appearance, which is to be approved by the Owner before any work is started.
 - a. For overcoat projects this mock up shall be used to test for adequate adhesion.
 - b. This approved mock up shall be the quality standard for the rest of the project.

E. Technical Services

1. Provide a manufacturer's representative to visit the site during initial work to verify compliance with these specifications, to assure coatings are properly applied, and the proper equipment is being used.
2. Provide a manufacturer's representative at completion of painting to verify painting was installed according to specifications.

F. Surface Preparation

1. Surface preparation will be based upon comparison with "Pictorial Surface Preparation Standards for Painting Steel Surfaces", SSPC-Vis-1 and ASTM Designation D2200; "Standard Methods of Evaluating Degree of Rusting on Painted Steel Surfaces" SSPC-Vis-2 and ASTM Designation D610; "Visual Standard for Surfaces of New Steel Airblast Cleaned with Sand Abrasive" or "Guideline for Selecting and Specifying Concrete Surface Preparation for Sealers, Coating and Polymer Overlays" and ICRI CSP Surface Profile Chips.

G. Application

1. No coating or paint shall be applied: (1) when the surrounding air temperature or the temperature of the surface to be coated is below the minimum required temperature for the specified product; (2) to wet or damp surfaces or in fog or mist; (3) when the temperature is less than 5°F above the dewpoint; or (4) when the air temperature is expected to drop below 40 °F within six hours after application of coating.
2. Dewpoint 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.
3. If above conditions are prevalent, coating or painting shall be delayed or postponed until conditions are favorable.
4. The day's coating or painting shall be completed in time to permit the film sufficient drying time prior to damage by atmospheric conditions.

H. Thickness and Holiday Checking

1. Thickness of coatings and paint shall be checked with a non-destructive, magnetic type thickness gauge.
2. The integrity of coated interior surfaces shall be tested with an approved inspection device.
3. Non-destructive holiday detectors shall not exceed the voltage recommended by the manufacturer of the coating system.
4. For thicknesses between 10 and 20 mils (250 microns and 500 microns), a non-sudsing type wetting agent, such as Kodak Photo-Flo, may be added to the water prior to wetting the detector sponge.
5. All pinholes shall be marked, repaired in accordance with the manufacturer's printed recommendations, and retested.
6. No pinholes or other irregularities will be permitted in the final coating.

I. Inspection Devices

1. The Painting Contractor shall furnish, until final acceptance of coating and painting, inspection devices in good working condition for detection of holidays and measurement of dry-film thickness of coating and paint.
2. The Paint Contractor shall also furnish U.S. Department of Commerce: National Bureau of Standard certified thickness calibration plates to test accuracy of dry film thickness gauges and certified instrumentation to test accuracy of holiday detectors.
3. All necessary testing equipment shall be made available for the Owner's use at all times until final acceptance of application. Holiday detection devices shall be operated in the presence of the Owner.

J. Hold Point Inspections

1. A NACE certified technical presentative from the coating manufacturer shall visit the job site to support the Paint Contractor's personnel and Owner or Owner's Representative as needed and/or requested.
2. Visits shall be made on a weekly basis as a minimum or as needed to review hold points for the Owner or Owner's Representative.
3. Additional visits shall be made as needed and/or requested by Owner or Owner's Representative or subcontractor.
4. Hold point includes the interior and exterior surface prep and the application of each coat.
5. Hold point inspections specified herein apply to materials after they have been delivered to the project site.

1.7 SAFETY AND HEALTH REQUIREMENTS

A. General

1. In accordance with requirements set forth by regulatory agencies applicable to the construction industry and manufacturer's printed instructions and appropriate technical bulletins and manuals, the contractor shall provide and require use of personnel protective lifesaving equipment for persons working on or about the project site.

B. Head and Face Protection and Respiratory Devices

1. Equipment shall include protective helmets, which shall be worn by all persons while in the vicinity of the work.
2. In addition, workers engaged in or near the work during sandblasting shall wear eye and face protection devices and air purifying halfmask or mouthpiece respirators with appropriate filters.
3. Barrier creams shall be used on any exposed areas of skin.

C. Ventilation

1. Where ventilation is used to control hazardous exposure, all equipment shall be explosion-proof.

2. Ventilation shall reduce the concentration of air contaminant to the degree a hazard does not exist.
3. Air circulation and exhausting of solvent vapors shall be continued until coatings have fully cured.

D. Sound Levels

1. Whenever the occupational noise exposure exceeds maximum allowable sound levels, the contractor shall provide and require the use of approved ear protective devices.

E. Illumination

1. Adequate illumination shall be provided while work is in progress, including explosion-proof lights and electrical equipment.
2. Whenever required by the Owner, the Contractor shall provide additional illumination and necessary supports to cover all areas to be inspected.
3. The Owner shall determine the level of illumination for inspection purposes.

F. Confined Space

- A. When applicable, it is mandatory that all work be performed in compliance with OSHA'S rules and regulations for working in confined space.
- B. Atmospheres within confined spaces as defined by the Occupational Safety and Health Administration are classified as being either a Class A, Class B or Class C environment.

1.8 PRODUCT HANDLING

- A. Deliver all material to site in original, new, unopened containers, labeled and bearing manufacturer's name and stock number, product and brand name, contents by volume for major constituents, instructions for mixing and reducing, and application instruction.
- B. Provide adequate storage facilities designed exclusively for the purpose of paint storage and mixing.
- C. Facility area shall be located away from open flames, be well ventilated, and be capable of maintaining ambient storage temperature of no less than 45°F.
- D. Paint, coatings, reducing agents, and other solvents must be stored in original containers until opened. If not resealable, then they must be transferred to UL approved safety containers.
- E. Provide proper ventilation, personal protection and fire protection for storage and use of materials. Comply with requirements set forth by Occupational Safety and Health Act for storage and use of painting materials and equipment.

PART 2 PRODUCTS

2.1 PAINT MATERIALS

- A. Source of all paint material is subject to approval by the Owner.
- B. All paint material which will be in contact with potable water shall have the approval of the S.C. Department of Health and Environmental Control and shall be NSF approved for such use.
- C. All paint materials to be used in any one system shall be the products of one manufacturer.
- D. Use only the thinners recommended by the paint manufacturer, and use only to the recommended limits.

2.2 PAINT SCHEDULE

- A. Interior Tank Coating System – Complete Rehab
 - 1. Surface Preparation: SSPC-SP10/NACE 2 Near White Metal Blast Cleaning. All interior seams shall be seal welded, no caulking allowed. The surface shall be clean and dry before painting.
 - 2. 1st Coat: Zinc Rich Aromatic Urethane applied at 2.5 – 3.5 dry mils. (performance equal to Tnemec Series 91H20/94H20 Tneme-Zinc)
 - 3. Stripe Coat: NSF Approved Polyamidoamine Epoxy applied at 2.0 – 8.0 dry mils. (performance equal to Tnemec Series N140/N140F Pota-Pox Plus)
 - 4. 2nd Coat: NSF Approved Polyamidoamine Epoxy applied at 4.0 – 8.0 dry mils. (performance equal to Tnemec Series N140/N140F Pota-Pox Plus)
 - 5. 3rd Coat: NSF Approved Polyamidoamine Epoxy applied at 4.0 – 8.0 dry mils. (performance equal to Tnemec Series N140/N140F Pota-Pox Plus)
- B. Exterior Tank Coating System – Overcoating
 - 1. Surface Preparation: Minimum surface preparation of bare steel or previously painted steel requires a cleanliness level as defined by SSPC-SP WJ-4/NACE WJ-4 Light Cleaning by use of Low Pressure Water Cleaning (LP WC) between 3,500 and 5,000 psi using a 0 degree rotating nozzle. Great Lakes Laboratories Extra Muscle Prepaint Cleaner or similar shall be used prior to power washing to help remove all the existing contaminants. Ensure solubles are fully removed. If all visible contaminates, loose mill scale, loose rust and other corrosion products, and loose paint have not been removed, SSPC-SP2 Hand Tool Cleaning or SSPC-SP3 Power Tool Cleaning should be employed until the surface cleanliness definition is met.
 - 2. Stripe Coat: Mastic Waterborne Acrylic applied at 6.0 – 8.0 dry mils. (performance equal to Tnemec Series 118 Uni-Bond Mastic)

3. 1st Coat: Mastic Waterborne Acrylic applied at 6.0 – 8.0 dry mils. (performance equal to Tnemec Series 118 Uni-Bond Mastic)
4. 2nd Coat: Aliphatic Acrylic Polyurethane applied at 2.5 – 3.0 dry mils. (performance equal to Tnemec Series 73 Endura Shield)
5. 3rd Coat: Advanced Thermoset Solution Fluoropolymer applied at 2.5 – 3.5 dry mils. (performance equal to Tnemec Series 700 Hydro-Flon)
6. Lettering/Logo: Two coats of a Advanced Thermoset Solution Fluoropolymer (performance equal to Tnemec Series 700-color HydroFlon) shall be used for the lettering/ logo applied at a dry film thickness of 2.5 – 3.5 per coat.
7. Calking: Fill all gaps between the concrete foundation and the bottom plates of the steel tank with a Modified Polyurethane (performance equal to Tnemec Series 265 Elasto-Shield TG). Overlap 1/8 inch on both sides of the gap.
8. Concrete Foundation: The concrete foundation shall be cleaned and shall receive two coats of 100% Solid Inorganic Hybrid Water-Based Epoxy (performance equal to Tnemec Series 27WB-15BL Typoxy) at 4.0 – 8.0 dry mils.
9. Piping Insulation: Any pipes with insulation and/or other “insulation” on the tank site shall be cleaned and shall receive two coats a of Fluid-Applied Aerogel Filled Acrylic Insulation Coating applied at 80.0 – 100.0 dry mils or two wraps of Aerogel Filled Insulation Tape. (performance equal to Tnemec Series 971 Aerolon resin or Series 945 Aerolon Tape)

C. Exterior Tank Coating System – Complete Rehab

1. Surface Preparation: SSPC-SP6/NACE 3 Commercial Metal Blast Cleaning. All unwelded seams, lapped plates, joints and other inaccessible areas will be filled. The surface shall be clean and dry before painting.
2. 1st Coat: Zinc Rich Aromatic Urethane applied at 2.5 – 3.5 dry mils. (performance equal to Tnemec Series 91H20/94H20 Tnemec-Zinc)
3. Stripe Coat: Polyamide Epoxy applied at 4.0 – 6.0 dry mils. (performance equal to Tnemec Series N69/N69F Hi-Build Epoxoline II)
4. 2nd Coat: Aliphatic Acrylic Polyurethane applied at 2.5 – 3.0 dry mils. (performance equal to Tnemec Series 73 Endura Shield)
5. 3rd Coat: Advanced Thermoset Solution Fluoropolymer applied at 2.5 – 3.5 dry mils. (performance equal to Tnemec Series 700 Hydro-Flon)
6. Lettering/Logo: Two coats of a Advanced Thermoset Solution Fluoropolymer (performance equal to Tnemec Series 700-color HydroFlon) shall be used for the lettering/ logo applied at a dry film thickness of 2.5 – 3.5 dry mils per coat.
7. Calking: Fill all gaps between the concrete foundation and the bottom plates of the steel tank with a Modified Polyurethane (performance equal to Tnemec Series 265 Elasto-Shield TG). Overlap 1/8 inch on both sides of the gap.
8. Concrete Foundation: The concrete foundation shall be cleaned and shall receive two coats of 100% Solid Inorganic Hybrid Water-Based Epoxy (performance equal

to Tnemec Series 27WB-15BL Typoxy) at 4.0 – 8.0 dry mils. Any concrete repairs shall be made prior to painting with Cementitious Repair Mortar. (performance equal to Tnemec Series 217 MortarCrete)

9. Insulation: Any pipes, valves and other items with insulation and/or other “insulation” tape or wraps on the tank site shall be cleaned and shall receive two coats a of Fluid-Applied Aerogel Filled Acrylic Insulation Coating applied at 80.0 – 100.0 dry mils or two wraps of Aerogel Filled Insulation Tape (performance equal to Tnemec Series 971 Aerolon resin or Series 945 Aerolon Tape) in addition to the primer and finish coats listed in the coatings systems above.

2.3 APPLICATION EQUIPMENT

- A. Use only such equipment as is recommended by the paint manufacturer.

2.4 OTHER MATERIALS

- A. Provide other materials not specifically described but required for a complete and proper installation, as selected by the Contractor subject to the approval of the Owner.

PART 3 EXECUTION

3.1 GENERAL

- A. All exposed interior and exterior ferrous metal surfaces of the tank, including pedestal, riser, supporting columns, balcony, ladders, hatches, manholes and other accessories, shall be cleaned and painted as specified herein in accordance with all applicable provisions of AWWA 102-11 for "Painting and Repainting Steel Tanks, Standpipes, Reservoirs and Elevated Tanks for Water Storage" and in accordance with the paint manufacturer's current recommendations and instructions.
- B. All surface preparation, coating and painting shall conform to applicable standards of the Steel Structures Painting Council, NACE, ICRI, CSP and the manufacturer's printed instructions. Material applied prior to approval of the surface by the Owner shall be removed and reapplied to the satisfaction of the Owner at the expense of the Contractor.
- C. All work shall be performed by skilled craftsmen qualified to perform the required work in a manner comparable with the best standards of practice. Continuity of personnel shall be maintained and transfers of key personnel shall be coordinated with the Owner.
- D. Dust, dirt, oil, grease or any foreign matter that will affect the adhesion or durability of the finish must be removed by washing with clean rags dipped in an approved cleaning solvent and wiped dry with clean rags.
- E. The Contractor's coating and painting equipment shall be designed for application of materials specified and shall be maintained in first class working condition.

- F. Application of the first coat shall follow immediately after surface preparation and cleaning and before rust bloom or flash rusting occurs.
- G. Any cleaned areas not receiving first coat within this period shall be re-cleaned prior to application of first coat.

3.2 ENVIRONMENTAL REGULATIONS

- A. All applicable environmental regulations shall be followed during cleaning and recoating. South Carolina Department of Health and Environmental Control regulations require that the ground under and around the tank be covered with a protective layer of polyethylene to catch all loose coating and debris created during the cleaning processes. Debris shall be placed in approved containers for disposal.

3.3 SURFACE PREPARATION

- A. General
 - 1. Prepare and clean all surfaces to be painted in a workmanlike manner with the objective of obtaining a smooth, clean and dry surface.
 - a. Surface shall be free from cracks, ridges, holes, etc.
 - b. Surface shall be free of oil, grease, dirt, dust, rust, scale, etc.
 - 2. Schedule cleaning and painting so that dust and other contaminants from cleaning operations will not fall onto newly painted surfaces.
 - 3. Remove or mask items not to be painted.
 - a. Contractor shall be responsible for any damage due to overspray.
- B. Surface preparation and both shop and field painting will be in full accordance with AWWA Standard 102-11 for "Painting and Repainting Steel Tanks, Standpipes, Reservoirs and Elevated Tanks for Water Storage"
- C. The latest revision of the following surface preparation specifications of the Steel Structures Painting Council shall form a part of this specification.
 - 1. Solvent Cleaning (SSPC-SP1)
 - a. Removal of oil, grease, soil and other contaminants by use of solvents, emulsions, cleaning compounds, steam cleaning or similar materials and methods which involve a solvent or cleaning action.
 - 2. Hand Tool Cleaning (SSPC-SP2)
 - a. Removal of loose rust, loose mill scale and other detrimental foreign matter to degree specified by hand chipping, scraping, sanding and wire brushing.
 - 3. Power Tool Cleaning (SSPC-SP3)
 - a. Removal of loose rust, loose mill scale, and other detrimental foreign matter to degree specified by power wire brushing, power impact tools or power sanders.
 - 4. Brush-Off Blast Cleaning (SSPC-SP7/NACE 4)

- a. Brush-off blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose coating.
 - b. Tightly adherent mill scale, rust, and coating may remain on the surface.
 - c. Mill scale, rust, and coating are considered tightly adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed.
5. Commercial Blast Cleaning (SSPC-SP6/NACE 3)
 - a. Blast cleaning until at least 66 percent of each element of surface area is free or all visible residues.
 6. Near White Blast Cleaning (SSPC-SP10/NACE 2)
 - a. Blast cleaning to nearly white metal cleanliness, until at least 95 percent of each element of surface area is free of all visible residues.
 7. Surface Preparation of Concrete (SSPC-SP13/NACE 6)
 - a. This standard gives requirements for surface preparation of concrete by mechanical, chemical, or thermal methods prior to the application of bonded protective coating or lining systems.
 8. Power Tool Cleaning to Bare Metal (SSPC-SP11)
 - a. This standard covers the requirements for power tool cleaning to produce a bare metal surface and to retain or produce a minimum 25 micrometer (1.0 mil) surface profile.
 - b. This standard is suitable where a roughened, clean, bare metal surface is required, but where abrasive blasting is not feasible or permissible.
- D. Blast cleaning for all surfaces shall be by dry method unless otherwise directed.
- E. Particle size of abrasives used in blast cleaning shall be that which will produce a 1.5 – 2.0 mil (37.5 microns - 50.0 microns) surface profile or in accordance with recommendations of the manufacturer of the specified coating or paint system to be applied.
- F. Abrasive particles used in blast cleaning operations shall be new, washed, graded and free of contaminants that would interfere with adhesion of coating or paint and shall not be reused unless specifically approved by the Owner.
- G. During blast cleaning operations, caution shall be exercised to insure that surrounding existing coatings or paint are not exposed to abrasion from blast cleaning.
- H. The Contractor shall keep the area of his work and the surrounding environment in a clean condition. Blasting materials may not accumulate as to constitute a nuisance or hazard to the accomplishment of the work, the operation of the existing facilities, or nuisance to the surrounding environment.
- I. Blast cleaned surfaces shall be cleaned prior to application of specified coatings or paint.
- J. No coatings or paint shall be applied over damp or moist surfaces.

3.4 MATERIALS PREPARATION

A. General

1. Mix and prepare paint materials in strict accordance with the manufacturer's recommendations as approved by the Owner.
2. When materials are not in use, store in tightly covered containers.
3. Maintain containers used in storage, mixing, and application of paint in a clean condition, free from foreign materials and residue.

B. Stripping

1. Stir materials before application, producing a mixture of uniform density.
2. Do not stir into the material any film which may form on the surface, but remove the film and, if necessary, strain the material before using.

3.5 PAINT APPLICATION

- A. The object of these specifications is to provide the material and workmanship necessary to produce a first-class job. Painting will be done as such times as approved by the Owner. All painting will be done strictly in accordance with the manufacturer's instruction and will be performed in a manner satisfactory to the Owner.
- B. Coating and paint application shall conform to the requirements of the Steel Structures Painting Council Paint Application Specification SSPC-PA1, latest revision, for "Shop, Field and Maintenance Painting," and the manufacturer of the coating and paint materials.
- C. Thinning shall be permitted only as recommended by the manufacturer approved by the Owner.
- D. Each application of coating or paint shall be applied evenly, free of brush marks, sags, or runs with no evidence of poor workmanship.
- E. Care shall be exercised to avoid lapping paint onto glass or hardware.
- F. Coatings and paints shall be sharply cut to lines. Finished surfaces shall be free from defects or blemishes.
- G. Protective coverings or drop cloths shall be used to protect floors, fixtures, and equipment.
- H. Care shall be exercised to prevent coatings or paint from being spattered onto surfaces that are not to be coated or painted.
- I. Surfaces from which materials cannot be removed satisfactorily shall be recoated or repainted as required to produce a finish satisfactory to the Owner.

- J. When two coats of coating or paint are specified, where possible, the first coat shall contain sufficient approved color additive to act as an indicator of coverage or the two coats must be of contrasting color.
- K. If roller application is deemed necessary, the Contractor shall apply additional coats as to achieve the specified thickness.
- L. All material shall be applied as specified.
- M. All welds, edges and other irregular surfaces shall receive a brush coat of the specified product prior to application of the first complete coat.
- N. Allow sufficient drying time between coats, modifying the period as recommended by the material manufacturer to suit adverse weather conditions.
- O. All paint shall be applied in full accordance with the manufacturer's recommended methods and procedures for application.

3.6 CLEAN-UP

- A. Upon completion, painting contractor shall clean-up and remove from site all surplus materials, tools, appliances, empty cans, cartons, and rubbish resulting from painting work. Site shall be left in neat, orderly condition.
- B. Remove all protective drop cloths and masking from surfaces not being painted. Provide touch-up around same areas as directed by the Owner.
- C. Remove all misplaced paint splatters or drippings resulting from this work.

3.7 INSPECTION AND ACCEPTANCE

- A. The Owner reserves the right to inspect and approve painting work while in progress, to stop work deemed to be improper or not in compliance with the specifications, and to require the Contractor to stop all improper practices and promptly correct all defective or deficient work.
- B. Final Inspection of painting will include an examination of overall appearance, holiday detection and dry film thickness measurement. All defects or deficiencies shall be promptly corrected to the satisfaction of the Owner at no additional cost to the Owner.

3.8 WARRANTY

- A. The Contractor will warrant the work free of defects in material and workmanship for a period of one year from the acceptance of the work. At the end of one year, the Contractor will return for a one-year anniversary inspection of the work. The Contractor will correct any deficiencies found with no cost to the Owner.

END OF SECTION

APPENDIX B

Town of Edisto Beach

Schedule of Work and Fees

APPENDIX B

TOWN OF EDISTO BEACH SCHEDULE OF WORK AND FEES

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10
TASKS	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
100,000 Gallon Town Hall Elevated Storage Tank										
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
200,000 Gallon State Park Grand Storage Tank										
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
TOTAL										

APPENDIX C

Required Forms

PROPOSAL CERTIFICATION

RETURN THIS PAGE WITH PROPOSAL SUBMISSION

In compliance with this Request for Proposal and all the conditions imposed herein, the undersigned offers and agrees to furnish the goods in accordance with the signed proposal or as mutually agreed upon by subsequent negotiations.

Name of Company Responding: _____

Address: _____

Phone No.: _____

Fax No.: _____

Submitted By: _____

Date: _____

SOUTH CAROLINA CONTRACTOR'S LICENSE NO.: _____

Printed Name

Signature

SUBCONTRACTOR QUALIFICATION FORM

Firm Name: _____

Contact Person: _____

Address: _____

Circle One: Corporation Partnership Sole Proprietorship

Phone: _____

1. SC Contractor's License Number(s): _____
2. The number of years in business: _____
3. Proof of Compliance with Federal Work Authorization Program:
4. Proof of Worker's Compensation Insurance:
 - a. Current Certificate of Insurance.
 - a. Letter from your Workers Compensation provider confirming the individual names of all employees covered under the policy.
 - b. If any independent contracts will be providing services, proof of individual insurance coverage must be included.
5. Include a brief summary of each subcontractor Provider's qualification, experience, and capacity.
6. Attach a list of a minimum of five (5) renovation projects completed in the last two years with the following information. Please include the following information per project.
Project:
Name of Water System:
Contact:
Contact Number:

Any substitution of a subcontractor will require pre-approval by the Town. To request a substitution of a prequalified subcontractor will require: A letter stating the reason for the request for substitution and a Subcontractor Qualification Form be submitted 180 days prior to any work is to be performed. The Town reserves the right to reject any request to substitute.

I hereby certify that the above statements are true and correct to the best of my knowledge. I understand that a false statement may disqualify me for participation. I hereby agree to indemnify and hold harmless the Town from and against any and all claims, demands, or causes of action of any kind or nature. Release the Town against any resulting losses, costs, expenses, reasonable attorney's fees, liabilities, damages, orders, judgments, or decrees in connection therewith.

Companies Authorized Signature

Position

Date

FIRM: _____

RFP No. _____

NON-COLLUSION OATH

COUNTY OF: _____

STATE OF: _____

Before me, the Undersigned, a Notary Public, for and in the County and State aforesaid, personally appeared _____ and made oath that the Firm herein, its agents, servants, and/or employees, to the best of its knowledge and belief, have not in any way colluded with anyone for and on behalf of the Firm, or itself, to obtain information that would give the Firm any unfair advantage over others, nor have it colluded with anyone for an on behalf of the Firm, or itself, to gain any favoritism in the award of the Contract herein.

SWORN TO BEFORE ME THIS

____ DAY OF _____, 2019

NOTARY PUBLIC FOR THE

STATE OF _____

My Commission Expires: _____

Print Name: _____

Address: _____

Phone Number: _____

Authorized Signature of Firm

Please print Firm's Name and Address:

.(Note: Notary seal required for Out of State Firm)

ETHICS IN PUBLIC CONTRACTING AFFIDAVIT

STATE OF _____)

COUNTY OF _____)

_____, being first duly sworn, deposes and says that:

1. He/She is _____ (title) for/of _____ (company/business), the Bidder that has submitted the attached Submittal;
2. He/She is legally qualified and capable of signing this affidavit and is authorized to do so by Firm;
3. He/She is fully informed regarding the preparation and contents of the attached Submittal and of all pertinent circumstances respecting such Submittal;
4. Such Submittal is genuine and is made without fraud;
5. Neither the said Firm, nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest has offered or received any kickbacks or inducements from any offeror, suppliers, manufacturer, or subcontractor in connection with the offer, and they have not conferred on any public employee, public member, or public official having official responsibility for this procurement or transaction, any payment, loan, subscription, advance, deposit of money, services, or anything of value as defined in Section 8-13-100 of the South Carolina Code of Laws; and
6. Furthermore, neither the Firm, nor any of its officers, partners, owners, agents representatives, employees or parties in interest has any relationship with the Town, another person, or organization that interferes with fair competition or that constitutes a conflict of interest with respect to a contract with the Town.

DATE

COMPANY/BUSINESS

BY: _____

SIGNATURE

PRINTED NAME

SWORN to before me this _____ ITS: _____

TITLE

day of _____, 20__

Notary Public for _____ (state)

My commission expires _____

By: _____

FIRM: _____ RFP NO. _____

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

(For Firms Other Than Individuals)

Edisto Beach requires compliance with State and Federal regulations governing Equal Employment Opportunity, External Equal Opportunities (EO), External On-the-Job Training (OJT), Title VI, and the Americans with Disabilities Act (ADA) programs.

Sub recipients of federal-aid contracts must include notifications in all solicitations for bids of work or material and agreements, subject to Title VI of the Civil Rights Act of 1964 and other nondiscrimination authorities. Sub-recipients, contractors and subcontractors may not discriminate in their employment practices or in the selection and retention of any subcontractor.

By Signing this document, the Firm hereby certifies its commitment to assure nondiscrimination in its programs and activities to the effect that no person shall on the grounds of race, color, national origin, sex, age, disability or income status be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination or retaliation under any federally or non-federally funded programs or activity administered by the sub-recipient and/or its contractors.

RFQ No: _____

Project Name: _____

Firm Name: _____

Address: _____

Authorized Representative Name and Title: _____

Signature of Authorized Representative: _____

Witness (Print Name and Sign): _____

Firm: _____ RFP NO: _____

COMPLIANCE WITH ILLEGAL IMMIGRATION ACT

By signing a proposal, the firm certifies that it will comply with the applicable requirements of Title 8, Chapter 14 of South Carolina Code of Laws and agree to provide to the State upon request any documentation required to establish either; (a) that Title 8, Chapter 14 is inapplicable to firm and its subcontractors or sub-subcontractors; or (b) that the firm and its subcontractors or sub-subcontractors are in compliance with Title 8, Chapter 14.

Pursuant to Section 8-14-60, "A person who knowingly makes or files any false, fictitious, or fraudulent document, statement, or report pursuant to this Chapter is guilty of a felony and, upon conviction, must be fined within the discretion of the Court or imprisoned for not more than five years, or both."

Firm agrees to include in any contracts with subcontractors, language requiring subcontractors to (a) comply with applicable requirements of Title 8, Chapter 14, and (b) include in its contracts with the sub-contractors language requiring the sub-subcontractors to comply with the applicable requirements of Title 8, Chapter 14.

RFQ No: _____

Project Name: _____

Firm Name: _____

Address: _____

Authorized Representative Name and Title: _____

Signature of Authorized Representative: _____

Witness (Print Name and Sign) _____

FIRM _____ RFP NO. _____

DRUG-FREE WORKPLACE AFFIDAVIT

I certify to comply with the Drug-Free Workplace Act, Section 44-107-10 et. Seq. of the South Carolina Code of Laws to provide a drug free workplace. (This clause applies to any resultant contract of \$50,000.00 or more). The State of South Carolina has amended Title 44, Code of Laws of South Carolina, 1976, relating to health, by adding Chapter 107, so as to enact the Drug-Free Workplace Act.

Date: _____

Firm: _____

Address: _____

Telephone _____

By _____

(Signature)

Failure to Furnish This Affidavit Will Result in the Delay of Contract