



Addendum No. 5 to Contract Documents

Project	SCRWF Upgrade No. 3 and RBWWTP CIP Upgrade Phase 2		
Owner	Sussex County, DE	Project No.	11121182
Contract No.	C19-11 and C19-17	Date	Nov. 14, 2019

To Bidders:

This Addendum #5 is hereby made part of the Bidding Documents on which the Contract will be based, and is issued to modify, explain and/or correct the original Bidding Documents. Please submit bids and be otherwise governed accordingly. **Receipt of this Addendum must be acknowledged on Page 00410-1 of the Section 00410 Bid Form.**

QUESTIONS FROM BIDDERS:

Note: the wording in some of the questions may have been modified from the original version to suit the format of this document.

Question 265 (Bid Forms)

We would like for GHD and Sussex County to consider a revision to the bid form that would allow for the general contractor to bid on the entire scope package for the project, inclusive of Electrical and Instrumentation. The way the current bid solicitation is structured requires two independent numbers to be given for the General Contract and the Electrical. The challenge with this is that the General Contractor does not know who the electrician is going to be until after both contract numbers have been submitted at the same. There are challenges with coordination, schedule management, and cost of work related items (temporary power, utilities, etc.) that are not able to be quantified or priced accurately by separating the contracts. Please consider revising the bid form to include an option that would be an all inclusive bid submission. This option would force collaboration between all parties prior to the bid and ensure that the most competitive numbers are included with the submission and ultimately provide the best number to Sussex County.

Response

The Bid Forms will not be revised. A Bidder may submit for the entire scope of work by submitting two bids, with appropriate deductive amounts for being awarded both Contracts in accordance with the revised Bid Forms issued as part of Addendum No. 1. A General Contractor's bid for Electrical Construction would need to be based on pricing provided by an electrical subcontractor. A General Contractor would not be given prime contractor responsibility for a bid submitted independently by an Electrical Contractor.

The following example of a General Contractor submitting bids for General Construction and Electrical Construction, based on the electrical portion of the work being subcontracted to an electrical subcontractor, is provided to help guide prospective Bidders in the preparation of bids for both contracts. Contractors should arrange their bids to suit their own circumstances:

- *The bid for General Construction would be the Contractor's best price for completing the General Construction portion of the work with a separate unknown Electrical Contractor.*
- *The deduct in the bid for General Construction would be relatively small, inclusive only of any cost savings associated with working with a known subcontractor in lieu of a separate prime contractor.*
- *The bid for Electrical Construction would include best prices for unit price work, based on pricing from their proposed subcontractor, and artificially escalated prices for the lump sum components of the work, to protect against winning the Electrical Construction portion only.*
- *The deduct in the bid for Electrical Construction would be large, to bring the lump sum items down to the Contractor's best prices, based on pricing from their proposed subcontractor.*



Addendum No. 5 to Contract Documents

Question 266 (VFD Harmonic Filters)

Section 17480 Article 1.03.B.1 requires that Harmonic Filters be provided for each VFD and does not indicate any exceptions, whereas Section 17480 Article 1.03.B.4 includes the verbiage “should they be required as determined by the manufacturer and the electrical utility”. Given that a harmonic analysis would be necessary to determine if filters are required. Can it be confirmed, whether or not, Harmonic Filters are required to be included in the bid for each and every VFD?

Response

It is intended that line reactors be provided on the line side of VFDs where indicated or shown on the Contract Drawings. It is also intended that requirements for additional harmonics mitigation to limit current and voltage distortion levels be identified in the harmonics analysis portion of the power system study specified in Section 16060. Providing additional harmonics mitigation that are identified in such requirements would not be included in the Contractor's bid; only the requirements for such mitigation should be included in the power system study. This has been clarified in Section 17480. Refer to Changes to Bidding Documents below.

Question 267 (VFD Output Line Filters)

The specification calls for “output line filters for the 40Hp VFDs”. Is this intended to be 40Hp and greater? For example, on drawing SC-E4228, the Effluent Pumps are 75Hp and 300Hp. Are output filters to be included, even though they are not shown?

Response

It is intended to include output filters only where shown on the Contract Drawings. This has been clarified in the VFD specification. Refer to Changes to Bidding Documents below.

Question 268 (Reversing Screw Conveyor CNV-1571 Controls)

How does the Bin Select Automatic Control Station interface to the control schematic for the Reversing Screw Conveyor CNV-1571?

Response

The Bin Select Automatic Control Station does not directly interface with the controls for the Reversing Screw Conveyor CNV-1571. The wiring for this control station is routed directly to the Conveyor System Control Panel as indicated on conduit riser diagram for the Sludge Building.

Question 269 (Pile Capacity)

The geotechnical report from addendum 1 lists the geotechnical capacities of the piles in tension and lateral. Do piles need to be structurally designed for tension and lateral capacities or compression only? If piles do require lateral and tension capacities, what are the actual required capacities determined by structural analysis?

Response

No, the piles do not require a specific lateral capacity. They just need to be installed as shown on the Drawings (RB-S9001) and to the depths specified.

Question 270 (Mechanical Screen SCN-101 Torque Overload Sensor and Switch)

Please confirm the Torque Overload Sensor and Switch are to be provided by the General Contractor for the existing Mechanical Screen SCN-101.

Response

The torque overload switch for Mechanical Screen SCN-101 is existing as indicated on Drawings SC-E0104, SC-E0108 and SC-E4213. The drawings and specifications have been clarified to reflect the following intentions:

- *Torque overload sensor for SCN-101 to be provided by Electrical Contractor*
- *Torque overload switch for SCN-103 to be provided by General Contractor*



Addendum No. 5 to Contract Documents

- Torque overload sensor for SCN-103 to be furnished by General Contractor for installation by Electrical Contractor/CSI.

Refer to Changes to Bid Documents below.

Question 271 (Lagoon Liner Warranty, 02270)

Is the Manufacturer's Special Guarantee in Specification Section 02270 intended to be pro-rated or 100% full coverage, and is it intended to cover materials only, or materials and installation?

Response

It is intended that the warranty be pro-rated for the 20 year period and be limited to materials only, refer to the Changes to Bidding Documents below.

Question 272 (Disposal of Contaminated Soil)

Schedule C, Item C-10 and Schedule D, Item D-7 require disposal of contaminated soil at an approved Delaware Solid Waste Authority Landfill. Delaware Solid Waste Authority will not provide a disposal price nor can they guarantee that their facility will accept this material without the required testing being performed prior (Attached for your reference is the Delaware Solid Waste Authority Landfill special solid waste criteria). In the event the results are deemed unacceptable, they may not accept the material, confirm if this testing has been completed and provide if so

Response

Bid Form and Bid Items have been changed to make facility fees for disposal of contaminated soil Allowance Items. Refer to the Changes to Bidding Documents below.

Question 273 (Disposal of Hazardous Soil)

Schedule D, Item D-8 requires 50CY of "contaminated" material to be disposed of at an Approved Hazardous Solid Waste Landfill. The designation of "contaminated" and "hazardous" require Facility Specific testing yet to be determined. The lack information on the characteristic of the material in question, makes this impossible to identify what facilities can take this material and what the pricing will be for disposal

Response

Disposal of hazardous material has been removed from the Bid Form and Bid Items.

Question 274 (Sludge and Grit Removal and Disposal)

Consider revising the pay unit for items C-5, C-6, C-7, D-5 (all the sludge and grit disposal items) to Wet Ton from Dry Ton. This will eliminate the owner from paying a surcharge for residual liquids that will not be removed during the dewatering process but be charged to the contractor when the material crosses the scales at the landfill

Response

Owner has permitted payment for items C-5, C-6, C-7, D-5 on a wet ton basis. Further, facility charges for disposal of materials will be paid under Allowance Items O-1 and P-1 added in this addendum. Refer to the Changes to Bidding Documents below.

Question 275 (Location to Submit Bids)

Please confirm whether Bids shall be received at Rehoboth Beach or Georgetown.

Response

Bids shall be received at the City of Rehoboth Beach City Hall, located at the City of Rehoboth Beach City Hall Complex, 229 Rehoboth Avenue, Rehoboth Beach, DE 19971.



Addendum No. 5 to Contract Documents

CHANGES TO BIDDING DOCUMENTS:

1. Invitation to Bid, page 00050-1: REPLACE “until 2:00 p.m. local time on November 19, 2019” with “until 2:00 p.m. local time on November 21, 2019”.
2. Bid Form A – General Construction: REPLACE with the attached revised “00410A Bid Form A – General Construction”.
3. Bid Form B – Electrical Construction: REPLACE with the attached revised “00410B Bid Form B – Electrical Construction”.
4. Major Products Schedule, 00410G: DELETE in its entirety and REPLACE with the attached Major Products Schedule.
5. Section 01025 (Bid Item Descriptions), Article 1.03.A, page 01025-1: In the row for Item No. A-1, ADD “or Schedule O” after “that is not included in the other Lump Sum Items or in Schedule C”.
6. Section 01025 (Bid Item Descriptions), Article 1.03.B, page 01025-2: In the row for Item No. B-1, DELETE “that is not included in Schedule D” and REPLACE with “that is not included in the other Lump Sum Items or in Schedule D or Schedule P”.
7. Section 01025 (Bid Item Descriptions), Article 1.03.D, page 01025-3: DELETE the last row of the table (Item No. D-8, added by Addendum No. 1).
8. Section 01025 (Bid Item Descriptions), Article 1.03, page 01025-6: ADD the following after Article 1.03.F:

G. Schedule O: SCRWF Allowances

<i>ITEM No.</i>	<i>DESCRIPTION</i>
<i>O-1</i>	<i>SCRWF: Facility fees for disposal of contaminated soil</i>

H. Schedule P: RBWWTP Allowances

<i>ITEM No.</i>	<i>DESCRIPTION</i>
<i>P-1</i>	<i>RBWWTP: Facility fees for disposal of contaminated soil</i>

9. Section 01025 (Bid Item Descriptions), Article 1.04.E, page 01025-8: ADD the following rows to the end of the table:

<i>K-5</i>	<i>SCRWF: Facility fees for disposal of contaminated soil</i>
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Addendum No. 5 to Contract Documents

10. Section 01025 (Bid Item Descriptions), Article 1.04.F, page 01025-9: ADD the following rows to the end of the table:

L-4	<i>RBWWTP: Facility fees for disposal of contaminated soil</i>
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11. Section 01025 (Bid Item Descriptions), Article 1.04.H, added by Addendum No. 1: DELETE the last row of the table (Item No. N-3).

12. Section 01025 (Bid Item Descriptions): ADD “or Schedule O” to the Bid Item Descriptions for Item No. A-1 (two locations: title and description).

13. Section 01025 (Bid Item Descriptions): DELETE “Schedule D” and ADD “the other lump sum items or in Schedule D or Schedule P” to the Bid Item Descriptions for Item No. B-1 (two locations: title and description).

14. Section 01025 (Bid Item Descriptions): DELETE the Bid Item Descriptions provided for Item Nos. D-8 and N-3 provided in Addendum No. 1.

15. Section 01025 (Bid Item Descriptions): DELETE the Bid Item Descriptions provided for Item Nos. C-10, D-7, M-2, and N-2 provided in Addendum No. 1 and REPLACE with the attached Bid Item Descriptions provided for Item Nos. C-10, D-7, M-2, and N-2.

16. Section 01025 (Bid Item Descriptions): ADD the attached Bid Item Descriptions for Item Nos. K-5, L-4, O-1, and P-1.

17. Section 02131 (Sludge and Grit Removal and Disposal):

a. DELETE Paragraph 1.04.A in its entirety and REPLACE with the following:

A. Removal, dewatering, hauling, and disposal of Sludge and Grit from designated locations covered by this section will be measured and paid for on a wet ton, unit price basis in accordance with Items C-5, C-6, C-7 and D-6 of the Schedule of Bid Items for General Construction. Contractor shall provide certified weight tickets from the scale at the approved landfill.

b. DELETE Paragraph 1.05.E in its entirety and REPLACE with the following:

E. For bidding purposes, Contractor shall assume the Sludge and Grit must be disposed of at the Delaware Solids Waste Authority Jones Crossroads Landfill located at 28560 Landfill Lane, Georgetown, DE, or at the Inland Bays Regional Wastewater Facilities located at 29445 Inland Bay Rd, Millsboro, DE.

18. Section 02270 (Smooth HDPE Geomembrane), Manufacturer’s Special Guarantee, page 02270-17: DELETE “The manufacturer shall correct any breach in this warranty at their expense, including all materials, labor and travel expenses.” and REPLACE with “Warranty shall be pro-rated for the 20 year period.”

19. Section 11325 (Mechanical Rake Screening Equipment), Article 2.04, pages 11325-5 to 11325-6: ADD the following paragraphs immediately after Article 2.04.B.3.e:

C. Screen Torque Switch and Sensor (SCN-103 only):

1. For SCN-103, provide a torque switch mounted to the drive assembly to sense an overtorque condition at the screen drive. Torque setting shall be as recommended by the manufacturer. Switch shall be provided assembled with the mechanical screen. Furnish a torque sensor that will receive



Addendum No. 5 to Contract Documents

the torque switch signal and convert the input signal to a Form C contact output for use in the functioning, alarm generation and shutdown of the screen. Torque sensor shall be compatible with the switch provided with the screen, shall operate on 120 VAC power input, and shall be furnished to the Electrical Contractor for installation by the CSI in the screen control panel for SCN-103.

20. Section 15100 (Process Valves), Article 2.05.D, page 15100-10: DELETE Article 2.05.D in its entirety and REPLACE with "Manufacturer: DeZurik or equal."

21. Section 16056 (Electrical Demolition, Removals and Relocations), Part 3, page 16056-5: ADD the following paragraphs immediately after Article 3.04.B:

3.05 CLEANING OF EXISTING ELECTRICAL EQUIPMENT AT/IN SLUDGE BUILDING

A. *Prior to beginning electrical work at and inside the Sludge Building, Contractor shall de-energize and clean the exterior and interior of existing electrical equipment. Debris and lime dust that has accumulated on and inside the equipment shall be thoroughly cleaned prior to placing equipment back in service. Cleaning shall include blowing out of equipment interiors using clean, dry compressed air, as well as vacuuming as necessary.*

B. *Contractor shall coordinate with County prior to de-energizing equipment and prior to re-energizing equipment. Equipment to be cleaned shall include items that are indicated to be demolished as well as equipment that will remain, including the following:*

1. *15 kV pad mounted switch on line side of outdoor pad mounted transformer*
2. *15 kV – 480/277 VAC, 3 phase pad mounted transformer*
3. *MCC-1 and MCC-1A*
4. *PCS Cabinet Nos. 1 and 2*
5. *Panelboards RP and LP*
6. *Lighting transformer.*

3.06 CLEANING OF EXISTING ELECTRICAL EQUIPMENT TO BE MODIFIED AND/OR RE-FED

A. *Subsequent to completing modifications work and/or connections to or re-connection work on, at or inside existing electrical power distribution equipment, and prior to such equipment in service, clean the exterior and interior of such equipment. Equipment shall include, but not be limited to switchboard, MCCs, panelboards, transformers, disconnect switches, generator circuit breaker and control panel, and enclosed circuit breakers. Debris and dust that has accumulated on and inside the equipment shall be thoroughly cleaned prior to placing equipment back in service. Cleaning shall include blowing out of equipment interiors using clean, dry compressed air, as well as vacuuming as necessary.*

B. *Contractor shall coordinate with County prior to de-energizing equipment and prior to re-energizing equipment.*



Addendum No. 5 to Contract Documents

22. Section 17105 (Fiber Optic Cable), Article 2.03, page 17105-5: ADD the following paragraphs immediately after Article 2.03.E:

F. Provide engraved nameplates on FOPP enclosures indicating "TO" and "FROM" directions of associated main fiber optic cable loop connections.

23. Section 17480 (Variable Frequency Drives):

a. DELETE Paragraph 1.01.G in its entirety and REPLACE with the following:

G. Provide VFD output filters on the load side of each VFD where indicated or shown on the Contract Drawings. Output filters shall be mounted within the VFD control panel or enclosure.

b. DELETE Paragraph 1.03.B.1 in its entirety and REPLACE with the following:

1. Line reactors shall be provided on VFDs where indicated or shown on the Contract Drawings. Additional harmonics mitigation shall be identified in the harmonics portion of the Power System Study specified in Section 16060. Identification of such requirements shall facilitate limiting current and voltage distortion to maximum levels included in IEEE 519. Such identification shall be provided in the study prior to beginning construction VFD control panels.

c. DELETE Paragraph 1.03.B.4 in its entirety and REPLACE with the following:

4. Where additional harmonics filters are considered necessary, based on the approved Power System Study, the Contractor shall coordinate with the Engineer, the County and the General Contractor in identifying space and locations to allow installation of the additional equipment.

d. DELETE Paragraph 2.03.A.2 in its entirety and REPLACE with the following:

2. Provide output line filters integral to the drive system enclosure where shown on the Contract Drawings.

24. Drawing SC-E0104:

a. On the "HEADWORKS - POWER AND CONTROL PLAN – UPPER LEVEL", DELETE the Drawing Note 8 designation adjacent to "TORQUE – WS-107" and REPLACE with Drawing Note 14 designation.

b. Under "DRAWING NOTES", ADD Drawing Note No. 14 as follows:

14. TORQUE SWITCH FOR SCN-103 PROVIDED BY GENERAL CONTRACTOR.

25. Drawing SC-E4213:

a. On the "MECHANICAL SCREEN SCN-101 ELEMENTARY WIRING DIAGRAM – PARTIAL", ADD Drawing Note 2 designation adjacent to "TORQUE OVERLOAD SENSOR."

b. Under "DRAWING NOTES", DELETE Drawing Note No. 2 in its entirety and REPLACE with the following:

2. TORQUE SWITCH LOCATED AT MECHANICAL BAR SCREEN; EXISTING AT SCN-101, AND NEW, PROVIDED BY GENERAL CONTRACTOR AT SCN-103. TORQUE OVERLOAD SENSOR NEW AND PROVIDED BY CONTRACTOR FOR SCN-101. SENSOR SHALL BE COMPATIBLE WITH EXISTING TORQUE SWITCH, AND SHALL BE TURCK MODEL MS13-22EX0-R MULTI-



Addendum No. 5 to Contract Documents

SAFE, OR EQUAL. TORQUE SENSOR FOR SCN-103 SHALL BE FURNISHED BY GENERAL CONTRACTOR, INSTALLED BY CONTRACTOR. CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR FOR WIRING DETAILS AND POWER REQUIREMENTS OF SENSOR FOR SCN-103.

A handwritten signature in blue ink, appearing to read "S. Clark", is written above a horizontal line.

Steven Clark, PE

ATTACHMENTS:

1. 00410A Bid Form A – General Construction
2. 00410B Bid Form B – Electrical Construction
3. 00410G Major Products Schedule
4. Bid Item Descriptions for Items C-10, D-7, K-5, L-4, M-2, N-2, O-1, and P-1

BID FORM

South Coastal Regional Wastewater Facilities Treatment Upgrade No. 3 and Rehoboth Beach
Wastewater Treatment Plant Capital Improvement Plan Upgrade Phase 2

Contract No. C19-11: General Construction

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Sussex County Engineering Department
ATTN: Hans Medlarz, P.E. – County Engineer
2 The Circle
Georgetown, Delaware

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent

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to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

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4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID: GENERAL CONSTRUCTION

5.01 General:

- A. Items prefaced with "SCRWF" pertain to work at the South Coastal Regional Wastewater Facilities.
- B. Items prefaced with "RBWWTP" pertain to work at the Rehoboth Beach Wastewater Treatment Plant.

5.02 Schedules A and B - Lump Sum Bid Items:

- A. Lump sum items include all Work in the Contract Documents except items specifically identified as Unit Price Work.
- B. Schedule A pertains to work at the South Coastal Regional Wastewater Facilities.
- C. Schedule B pertains to work at the Rehoboth Beach Wastewater Treatment Plant.
- D. Lump sum items are defined in Section 01025 (Bid Item Descriptions).

SCHEDULE A – SCRWF LUMP SUM BID ITEMS

ITEM NO.	DESCRIPTION	TOTAL PRICE
A-1	SCRWF: All Work required by the Contract Documents to be completed by the General Contractor at the South Coastal Regional Wastewater Facilities that is not included in the other Lump Sum Items or in Schedule C or Schedule O	\$
A-2	SCRWF: Manufacturer's Pre-Negotiated Scope for Vertical Effluent Pumps (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 734,500.00
A-3	SCRWF: Manufacturer's Pre-Negotiated Scope for Self-Priming Centrifugal Pumps (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 220,750.00
A-4	SCRWF: Manufacturer's Pre-Negotiated Scope for Double Disc Positive Displacement Pumps (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 73,000.00
A-5	SCRWF: Manufacturer's Pre-Negotiated Scope for Submersible Pumps (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 150,770.00
A-6	SCRWF: Manufacturer's Pre-Negotiated Scope for Jet Mixing Pumps (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 299,600.00
A-7	SCRWF: Manufacturer's Pre-Negotiated Scope for Stacked Tray Grit Removal Equipment (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 89,000.00

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ITEM NO.	DESCRIPTION	TOTAL PRICE
A-8	SCRWF: Manufacturer's Pre-Negotiated Scope for Brush Cleaning Systems (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 41,000.00
A-9	SCRWF: Manufacturer's Pre-Negotiated Scope for Fine Bubble Diffusers (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 399,492.00
A-10	SCRWF: Manufacturer's Pre-Negotiated Scope for Compressed Gas Mixing Systems (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 374,650.00
1 A-11	SCRWF: Manufacturer's Pre-Negotiated Scope for Continuous Upflow Filter Systems (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 1,309,104.00
A-12	SCRWF: Manufacturer's Pre-Negotiated Scope for Rotary Screw Air Compressors (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 57,350.00
1 A-13	SCRWF: Manufacturer's Pre-Negotiated Scope for Belt Filter Presses (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 483,377.00
1 A-14	SCRWF: Manufacturer's Pre-Negotiated Scope for Dewatered Sludge Belt Conveyors (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 325,655.00
Subtotal (Sum of Items A-1 through A-14)		\$

DESIGNATE THE BASIS OF BID FOR BID ITEM A-1:

1. Blower Type – Circle ONE

Type A

Type B

2. Construction of Aeration Tank Nos. 5-8, Aeration Tank Flow Distribution Box No. 2, and the Recycle Distribution Box – Circle ONE

Cast-in-Place Concrete

Post-tensioned, Precast Concrete

3. Construction of Clarifier Nos. 3 and 4 – Circle ONE

Cast-in-Place Concrete

Post-tensioned, Precast Concrete

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SCHEDULE B – RBWWTP LUMP SUM BID ITEMS

ITEM NO.	DESCRIPTION	TOTAL PRICE
5 B-1	RBWWTP: All Work required by the Contract Documents to be completed by the General Contractor at the Rehoboth Beach Wastewater Treatment Plant that is not included in the other Lump Sum Items or in Schedule D or Schedule P	\$
1 B-2	RBWWTP: Manufacturer's Pre-Negotiated Scope for Vortex Grit Removal Equipment (refer to the Manufacturer's Quotation and Manufacturer's Certification)	\$ 423,576.00
Subtotal (Sum of Items B-1 through B-2)		\$

5.03 Schedules C and D - Unit Price Work:

- A. Bidder proposes to accept as full payment for the Unit Price Work proposed herein, the amounts computed under the conditions of the Bidding Documents and based on the following Unit Price Work amounts, it being expressly understood that the unit prices are independent of the exact quantities involved, and will be performed only at the express written authorization of Engineer. Bidder agrees that the unit prices represent a true measure of the labor, materials, and services required to provide the specified item, including allowances for overhead and profit for each type and unit of Work provided.
- B. Bidders acknowledge that estimated quantities are not guaranteed, and are solely for the purposes of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.
- C. Schedule C pertains to work at the South Coastal Regional Wastewater Facilities.
- D. Schedule D pertains to work at the Rehoboth Beach Wastewater Treatment Plant.
- E. Unit Price Work items are defined in Section 01025 (Bid Item Descriptions).
- F. Unit Prices have been computed in accordance with General Conditions Article 13.03.B.

SCHEDULE C – SCRWF UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE
C-1	SCRWF: Concrete Repair Type 1 (Headworks)	SF	400	\$	\$
C-2	SCRWF: Concrete Repair Type 2 (Headworks)	SF	100	\$	\$
C-3	SCRWF: Concrete Repair Type 3 (Headworks)	SF	20	\$	\$
C-4	SCRWF: Concrete Joint Sealant Replacement (Headworks)	LF	80	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE	
5	C-5	SCRWF: Grit Removal (Sludge Lagoons)	T	150	\$	\$
	C-6	SCRWF: Grit Removal (Aeration Tanks)	T	860	\$	\$
	C-7	SCRWF: Grit Removal (East and West Flow Equalization Tanks, previously East and West Secondary Treatment Plants)	T	100	\$	\$
	C-8	SCRWF: Steel Deck Replacement (Mechanical Building)	SF	250	\$	\$
1	C-9	SCRWF: Hauling non-contaminated soil to Inland Bays RWF	CY	17,000	\$	\$
	C-10	SCRWF: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill	CY	500	\$	\$
Subtotal (Sum of Items C-1 through C-10)					\$	\$

SCHEDULE D – RBWWTP UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE	
	D-1	RBWWTP: Concrete Repair Type 1 (T-1 Preliminary Treatment Facility)	SF	200	\$	\$
	D-2	RBWWTP: Concrete Repair Type 2 (T-1 Preliminary Treatment Facility)	SF	60	\$	\$
	D-3	RBWWTP: Concrete Repair Type 3 (T-1 Preliminary Treatment Facility)	SF	20	\$	\$
	D-4	RBWWTP: Concrete Joint Sealant Replacement (T-1 Preliminary Treatment Facility)	LF	50	\$	\$
5	D-5	RBWWTP: Grit Removal (T-2 Oxidation Ditches)	T	400	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE
1 D-6	RBWWTP: Hauling non-contaminated soil to Inland Bays RWF	CY	50	\$	\$
D-7	RBWWTP: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill	CY	320	\$	\$
5 D-8	RBWWTP: Disposing of contaminated soil at an approved Hazardous Solid Waste landfill	CY	50	\$	\$
Subtotal (Sum of Items D-1 through D-7)					\$

5.04 Schedules E and F - Contingent Unit Price Work:

- A. Bidder proposes to accept as full payment for the Contingent Unit Price Work proposed herein, the amounts computed under the conditions of the Bidding Documents and based on the following Contingent Unit Price Work amounts, it being expressly understood that the unit prices are independent of the exact quantities involved, and will be performed only at the express written authorization of Engineer. Bidder agrees that the unit prices represent a true measure of the labor, materials, and services required to provide the specified item, including allowances for overhead and profit for each type and unit of Work provided.
- B. Quantities for Contingent Unit Price Work represent quantities above and beyond that required by the Contract Documents.
- C. Bidders acknowledge that estimated quantities are not guaranteed, and are solely for the purposes of comparison of Bids, and final payment for all Contingent Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.
- D. Schedule E pertains to work at the South Coastal Regional Wastewater Facilities.
- E. Schedule F pertains to work at the Rehoboth Beach Wastewater Treatment Plant.
- F. Contingent Unit Price Work items are defined in Section 01025 (Bid Item Descriptions).
- G. Unit Prices have been computed in accordance with General Conditions Article 13.03.B.

SCHEDULE E – SCRWF CONTINGENT UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
E-1	SCRWF: Test Pits in Paved Areas	CY	50	\$	\$
E-2	SCRWF: Test Pits in Non-paved Areas	CY	50	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
E-3	SCRWF: Miscellaneous Excavation and Stone Backfill Below Subgrade	CY	100	\$	\$
E-4	SCRWF: Miscellaneous Excavation and Select Backfill Below Subgrade	CY	100	\$	\$
E-5	SCRWF: Miscellaneous Excavation and Replacement of Topsoil	CY	100	\$	\$
E-6	SCRWF: Silt Fence	LF	2,000	\$	\$
E-7	SCRWF: Super Silt Fence	LF	500	\$	\$
E-8	SCRWF: Erosion and Sediment Control Stabilization Matting for Tax Ditch or Slope Stabilization	SY	400	\$	\$
E-9	SCRWF: Pavement Subgrade	CY	100	\$	\$
E-10	SCRWF: Asphalt Concrete Pavement	SY	100	\$	\$
E-11	SCRWF: Concrete Walks	SY	100	\$	\$
E-12	SCRWF: Below Grade Potable Water or Non-Potable Water Piping	LF	100	\$	\$
E-13	SCRWF: Yard Hydrant and Valves	EACH	4	\$	\$
E-14	SCRWF: Insulation and Jacket for 4" Diameter Ductile Iron Pipe	LF	400	\$	\$
E-15	SCRWF: Miscellaneous Mix D Concrete	CY	10	\$	\$
E-16	SCRWF: Concrete Repair Type 1	SF	100	\$	\$
E-17	SCRWF: Concrete Repair Type 2	SF	50	\$	\$
E-18	SCRWF: Concrete Repair Type 3	SF	20	\$	\$
E-19	SCRWF: Vertical or Leaking Concrete Crack Repair	LF	50	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
E-20	SCRWF: Non-Leaking Horizontal Concrete Crack Repair	LF	100	\$	\$
E-21	SCRWF: Concrete Joint Sealant Replacement	LF	400	\$	\$
E-22	SCRWF: Aluminum Guardrail (Demolition and Replacement)	LF	100	\$	\$
E-23	SCRWF: Aluminum Grating (Demolition and Replacement)	SF	100	\$	\$
1 E-24	SCRWF: General Contractor's portion of Work for below grade concrete encased and steel reinforced electrical duct bank with four 4-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	1,500	\$	\$
E-25	SCRWF: General Contractor's portion of Work for below grade concrete encased and steel reinforced electrical duct bank with two 2-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	1,000	\$	\$
E-26	SCRWF: General Contractor's portion of Work for 2 additional 4-inch conduits in an underground duct bank, including all work for the General Contractor associated with increasing the size of the duct bank to accommodate the two additional ducts.	LF	2,000	\$	\$
Subtotal (Sum of Items E-1 through E-23)					\$

SCHEDULE F – RBWWTP CONTINGENT UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
F-1	RBWWTP: Test Pits in Paved Areas	CY	20	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
F-2	RBWWTP: Test Pits in Non-paved Areas	CY	20	\$	\$
F-3	RBWWTP: Miscellaneous Excavation and Stone Backfill Below Subgrade	CY	40	\$	\$
F-4	RBWWTP: Miscellaneous Excavation and Select Backfill Below Subgrade	CY	40	\$	\$
F-5	RBWWTP: Miscellaneous Excavation and Replacement of Topsoil	CY	40	\$	\$
F-6	RBWWTP: Silt Fence	LF	800	\$	\$
F-7	RBWWTP: Super Silt Fence	LF	200	\$	\$
F-8	RBWWTP: Erosion and Sediment Control Stabilization Matting for Tax Ditch or Slope Stabilization	SY	40	\$	\$
F-9	RBWWTP: Pavement Subgrade	CY	100	\$	\$
F-10	RBWWTP: Asphalt Concrete Pavement	SY	100	\$	\$
F-11	RBWWTP: Concrete Walks	SY	100	\$	\$
F-12	RBWWTP: Below Grade Potable Water or Non-Potable Water Piping	LF	50	\$	\$
F-13	RBWWTP: Yard Hydrant and Valves	EACH	2	\$	\$
F-14	RBWWTP: Insulation and Jacket for 4" Diameter Ductile Iron Pipe	LF	40	\$	\$
F-15	RBWWTP: Miscellaneous Mix D Concrete	CY	10	\$	\$
F-16	RBWWTP: Concrete Repair Type 1	SF	40	\$	\$
F-17	RBWWTP: Concrete Repair Type 2	SF	20	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
F-18	RBWWTP: Concrete Repair Type 3	SF	10	\$	\$
F-19	RBWWTP: Vertical or Leaking Concrete Crack Repair	LF	20	\$	\$
F-20	RBWWTP: Non-Leaking Horizontal Concrete Crack Repair	LF	40	\$	\$
F-21	RBWWTP: Concrete Joint Sealant Replacement	LF	100	\$	\$
F-22	RBWWTP: Aluminum Guardrail (Demolition and Replacement)	LF	40	\$	\$
F-23	RBWWTP: Aluminum Grating (Demolition and Replacement)	SF	40	\$	\$
1 F-24	RBWWTP: General Contractor's portion of Work for below grade concrete encased and steel reinforced electrical duct bank with four 4-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	1,000	\$	\$
F-25	RBWWTP: General Contractor's portion of Work for below grade concrete encased and steel reinforced electrical duct bank with two 2-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	1,000	\$	\$
F-26	RBWWTP: General Contractor's portion of Work for 2 additional 4-inch conduits in an underground duct bank, including all work for the General Contractor associated with increasing the size of the duct bank to accommodate the two additional ducts.	LF	2,000	\$	\$
Subtotal (Sum of Items F-1 through F-23)					\$

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5

5.05 Schedules O and P - Allowances:

- A. Bidder agrees to provide the following allowances as part of the Work in accordance with General Conditions Article 13.02.
- B. Schedule O pertains to work at the South Coastal Regional Wastewater Facilities.
- C. Schedule P pertains to work at the Rehoboth Beach Wastewater Treatment Plant.

SCHEDULE O – SCRWF ALLOWANCES

ITEM NO.	DESCRIPTION	TOTAL PRICE
O-1	SCRWF: Facility fees for disposal of contaminated soil, sludge or grit	\$5,000
Subtotal		\$5,000

SCHEDULE P – RBWWTP ALLOWANCES

ITEM NO.	DESCRIPTION	TOTAL PRICE
P-1	RBWWTP: Facility fees for disposal of contaminated soil, sludge or grit	\$45,000
Subtotal		\$45,000

5.06 Total Bid Price:

- A. All mathematical errors will be corrected. In case of a discrepancy between unit prices bid and extended totals, unit prices will govern. In case of discrepancy between the correct sum of individual bid items and the (incorrectly) calculated sum, the correct sum of individual bid items will govern.

ITEM NO.	TOTAL PRICE
Schedule A Total (SCRWF Lump Sum Bid Items)	\$
Schedule B Total (RBWWTP Lump Sum Bid Items)	\$
Schedule C Total (SCRWF Unit Price Work)	\$
Schedule D Total (RBWWTP Unit Price Work)	\$
Schedule E Total (SCRWF Contingent Unit Price Work)	\$
Schedule F Total (RBWWTP Contingent Unit Price Work)	\$
Schedule O Total (SCRWF Allowances)	\$5,000
Schedule P Total (RBWWTP Allowances)	\$45,000
Total Bid Price	\$

5

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TOTAL BID PRICE (in words)



5.07 Optional Bid Alternates:

- A. **Optional Bid Alternates may be selected for inclusion at the discretion of the Owner. Only the Optional Bid Alternates selected for inclusion by the Owner, if any, will be included in the computation of Total Bid Price, which will be used to determine the apparent low bidder.**

DESCRIPTION	TOTAL PRICE DEDUCTION
Total price to be deducted from the Bidder's Total Bid Price for Contract No. C19-11: General Construction if the Bidder is to be awarded Contract No. C19-11: General Construction and Contract No. C19-17: Electrical Construction.	\$

ARTICLE 6 – MAJOR PRODUCTS SCHEDULE

- 6.01 Bidder proposes to provide equipment made by one of the named equipment manufacturers for each item listed in the Major Products Schedule. In addition, unless otherwise indicated, Bidder may propose to provide a substitute or alternative “or equal” equipment manufacturer for each item and the amount to be deducted from the Total Bid Price if the use of the substitute or alternate “or equal” manufacturer’s equipment is accepted by Owner and Engineer. By submitting substitute or alternative “or equal” equipment manufacturer for consideration, Bidder agrees that the alternate equipment including modifications and/or additions to the Work necessary to install the equipment and allow the unit to meet the performance requirements specified shall be at its expense if accepted. Bidder shall submit information for each substitute or “or equal” equipment item in accordance with the Instructions to Bidders. Owner reserves the right to accept or decline the use of any or all substitute or alternate “or equal” equipment. If the use of such equipment is accepted by Owner, the Total Bid Price shall be adjusted by the amount identified in the Major Products Schedule. If the use of such equipment is declined by Owner, Contractor shall provide the named manufacturer circled in the Major Products Schedule at no additional cost to Owner.
- 6.02 The design of the Project is based on the named manufacturers for each equipment type. Bidders shall circle one manufacturer/Supplier per line item. Should the Bidder fail to circle a manufacturer or circle more than one named manufacturer for a given specification section, or if the Owner is unable to determine which manufacturer was circled, this shall mean the Bidder will provide the first listed manufacturer or the only manufacturer when only one is listed.
- 6.03 Bidder agrees that any delay caused by the need for redesign necessary as a result of the use of an item other than one of the named manufacturers/Suppliers shall not constitute grounds for any increase in the Contract Price or extension of Contract Times and hereby waives any and all claims arising from or related to such redesign.

ARTICLE 7 – TIME OF COMPLETION

- 7.01 Bidder agrees that Milestones will be achieved, and the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General

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Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

7.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 8 – ATTACHMENTS TO THIS BID

8.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid Bond;
- B. Bidder's Qualifications;
- C. List of Proposed Subcontractors;
- D. Contractor's License No.: _____ **[or]** Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;
- E. Major Products Schedule.
- F. **Affidavit of Employee Drug Testing Program**

1

ARTICLE 9 – DEFINED TERMS

9.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

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ARTICLE 10 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature] _____

[Printed name] _____

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____

(where applicable)

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BID FORM

South Coastal Regional Wastewater Facilities Treatment Upgrade No. 3 and Rehoboth Beach
Wastewater Treatment Plant Capital Improvement Plan Upgrade Phase 2

Contract No. C19-17: Electrical Construction

ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

Sussex County Engineering Department
ATTN: Hans Medlarz, P.E. – County Engineer
2 The Circle
Georgetown, Delaware

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

Addendum No. Addendum, Date

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent

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to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

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4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 – BASIS OF BID: ELECTRICAL CONSTRUCTION

5.01 General:

- A. Items prefaced with "SCRWF" pertain to work at the South Coastal Regional Wastewater Facilities.
- B. Items prefaced with "RBWWTP" pertain to work at the Rehoboth Beach Wastewater Treatment Plant.

5.02 Schedules G and H - Lump Sum Bid Items:



- A. Lump sum items include all Work in the Contract Documents except items specifically identified as Allowances or Unit Price Work.
- B. Schedule G pertains to work at the South Coastal Regional Wastewater Facilities.
- C. Schedule H pertains to work at the Rehoboth Beach Wastewater Treatment Plant.
- D. Lump sum items are defined in Section 01025 (Bid Item Descriptions).

SCHEDULE G – SCRWF LUMP SUM BID ITEMS

ITEM NO.	DESCRIPTION	TOTAL PRICE
G-1	SCRWF: All Work required by the Contract Documents to be completed by the Electrical Contractor at the South Coastal Regional Wastewater Facilities that is not included in Schedule K or Schedule M.	\$
Subtotal (Item G-1)		\$

SCHEDULE H – RBWWTP LUMP SUM BID ITEMS

ITEM NO.	DESCRIPTION	TOTAL PRICE
H-1	RBWWTP: All Work required by the Contract Documents to be completed by the Electrical Contractor at the Rehoboth Beach Wastewater Treatment Plant that is not included in Schedule L or Schedule N.	\$
Subtotal (Item H-1)		\$

5.03 Schedules I and J - Contingent Unit Price Work:

- A. Bidder proposes to accept as full payment for the Contingent Unit Price Work proposed herein, the amounts computed under the conditions of the Bidding Documents and based on the following Contingent Unit Price Work amounts, it being expressly understood that the unit prices are independent of the exact quantities involved, and will be performed only at the express written authorization of Engineer. Bidder agrees that the unit prices represent a true measure of the labor, materials, and services required to provide the specified item, including allowances for overhead and profit for each type and unit of Work provided.

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- B. Quantities for Contingent Unit Price Work represent quantities above and beyond that required by the Contract Documents.
- C. Bidders acknowledge that estimated quantities are not guaranteed, and are solely for the purposes of comparison of Bids, and final payment for all Contingent Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.
- D. Schedule I pertains to work at the South Coastal Regional Wastewater Facilities.
- E. Schedule J pertains to work at the Rehoboth Beach Wastewater Treatment Plant.
- F. Contingent Unit Price Work items are defined in Section 01025 (Bid Item Descriptions).
- G. Unit Prices have been computed in accordance with General Conditions Article 13.03.B.

SCHEDULE I – SCRWF CONTINGENT UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE	
1	I-1	SCRWF: Furnish and install below grade concrete encased and steel reinforced electrical duct bank with four 4-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	750	\$	\$
1	I-2	SCRWF: Furnish and install below grade concrete encased and steel reinforced electrical duct bank with two 2-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	500	\$	\$
1	I-3	SCRWF: Furnish and install 2 additional 4-inch conduits in an underground electrical duct bank. Unit price shall include all work required to increase size of a duct bank as required to accommodate two additional ducts	LF	1,000	\$	\$
	I-4	SCRWF: Furnish and install 3/4" Type A conduit	LF	1,000	\$	\$
	I-5	SCRWF: Furnish and install 3/4" Type A-1 conduit	LF	1,000	\$	\$
	I-6	SCRWF: Furnish and install 3/4" Type E-1 conduit	LF	2,000	\$	\$
	I-7	SCRWF: Furnish and install 1" Type A conduit	LF	1,000	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
I-8	SCRWF: Furnish and install 1" Type A-1 conduit	LF	1,000	\$	\$
I-9	SCRWF: Furnish and install 1" Type E-1 conduit	LF	2,500	\$	\$
I-10	SCRWF: Furnish and install No. 14 AWG Type THHN/THWN-2 conductor	LF	8,000	\$	\$
I-11	SCRWF: Furnish and install No. 12 AWG Type THHN/THWN-2 conductor	LF	12,000	\$	\$
I-12	SCRWF: Furnish and install No. 10 AWG Type THHN/THWN-2 conductor	LF	6,000	\$	\$
I-13	SCRWF: Furnish and install No. 16 AWG TSP instrumentation cable	LF	6,000	\$	\$
I-14	SCRWF: Furnish, install and test complete heat trace systems including heat trace controller, power termination box, 100 linear feet of heat trace cable, single pole disconnect switch, branch circuits and conduit systems, and all heat trace components and accessories.	EA	4	\$	\$
I-15	SCRWF: Furnish and install 30A, 3P non-fused disconnect switches with NEMA 4X enclosures	EA	12	\$	\$
Subtotal (Sum of Items I-1 through I-15)					\$

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SCHEDULE J – RBWWTP CONTINGENT UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE	
1	J-1	RBWWTP: Furnish and install below grade concrete encased and steel reinforced electrical duct bank with four 4-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	500	\$	\$
1	J-2	RBWWTP: Furnish and install below grade concrete encased and steel reinforced electrical duct bank with two 2-inch Type D conduits and Type E-1 conduit stub-ups on each end of conduit runs	LF	500	\$	\$
1	J-3	RBWWTP: Furnish and install 2 additional 4-inch conduits in an underground electrical duct bank, including all work required to increase size of a duct bank as required to accommodate two additional ducts	LF	1,000	\$	\$
	J-4	RBWWTP: Furnish and install 3/4" Type A conduit	LF	1,000	\$	\$
	J-5	RBWWTP: Furnish and install 3/4" Type A-1 conduit	LF	500	\$	\$
	J-6	RBWWTP: Furnish and install 3/4" Type E-1 conduit	LF	1,000	\$	\$
	J-7	RBWWTP: Furnish and install No. 14 AWG Type THHN/THWN-2 conductor	LF	4,000	\$	\$
	J-8	RBWWTP: Furnish and install No. 12 AWG Type THHN/THWN-2 conductor	LF	2,000	\$	\$
	J-9	RBWWTP: Furnish and install No. 10 AWG Type THHN/THWN-2 conductor	LF	1,000	\$	\$
	J-10	RBWWTP: Furnish and install No. 16 AWG TSP instrumentation cable	LF	1,000	\$	\$

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ITEM NO.	DESCRIPTION	UNIT	ALLOCATED QUANTITY	UNIT PRICE	BID PRICE
J-11	RBWWTP: Furnish and install 30A, 3P non-fused disconnect switches with NEMA 4X enclosures	EA	6	\$	\$
Subtotal (Sum of Items J-1 through J-11)					\$

5.04 Schedules K and L - Allowances:

- A. Bidder agrees to provide the following allowances as part of the Work in accordance with General Conditions Article 13.02.
- B. Engineer will consult with Contractor for consideration and selection of products and select products in consultation with Owner and transmit decision to Contractor. On notification of selection by Engineer, Contractor shall execute purchase agreement with designated Supplier, arrange for and process Shop Drawings and Samples, arrange for delivery, and promptly inspect products upon delivery for completeness, damage, and defects.
- C. Schedule K pertains to work at the South Coastal Regional Wastewater Facilities.
- D. Schedule L pertains to work at the Rehoboth Beach Wastewater Treatment Plant.

SCHEDULE K – SCRWF ALLOWANCES

ITEM NO.	DESCRIPTION	TOTAL PRICE
K-1	SCRWF: Local operator interface software upgrade for individual plant Process Control System (PCS) cabinets	\$20,000
K-2	SCRWF: New medium voltage electrical service be DP&L	\$150,000
K-3	SCRWF: Upgrade of network hardware	\$20,000
K-4	SCRWF: Plant Process Control System (PCS) software license upgrade	\$30,000
K-5	SCRWF: Facility fees for disposal of contaminated soil	\$5,000
Subtotal (Sum of Items K-1 through K-5)		\$225,000

5

SCHEDULE L – RBWWTP ALLOWANCES

ITEM NO.	DESCRIPTION	TOTAL PRICE
L-1	RBWWTP: New low voltage electrical service by DP&L	\$50,000
L-2	RBWWTP: Upgrade of network hardware	\$5,000
L-3	RBWWTP: Local operator interface software upgrade for individual plant Process Control System (PCS) cabinets	\$5,000
L-4	RBWWTP: Facility fees for disposal of contaminated soil	\$25,000

5

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ITEM NO.	DESCRIPTION	TOTAL PRICE
Subtotal (Sum of Items L-1 through L-4)		\$85,000

1

5.05 Schedules M and N - Unit Price Work:

- A. Bidder proposes to accept as full payment for the Unit Price Work proposed herein, the amounts computed under the conditions of the Bidding Documents and based on the following Unit Price Work amounts, it being expressly understood that the unit prices are independent of the exact quantities involved, and will be performed only at the express written authorization of Engineer. Bidder agrees that the unit prices represent a true measure of the labor, materials, and services required to provide the specified item, including allowances for overhead and profit for each type and unit of Work provided.
- B. Bidders acknowledge that estimated quantities are not guaranteed, and are solely for the purposes of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.
- C. Schedule M pertains to work at the South Coastal Regional Wastewater Facilities.
- D. Schedule N pertains to work at the Rehoboth Beach Wastewater Treatment Plant.
- E. Unit Price Work items are defined in Section 01025 (Bid Item Descriptions).
- F. Unit Prices have been computed in accordance with General Conditions Article 13.03.B.

SCHEDULE M – SCRWF UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE
M-1	SCRWF: Hauling non-contaminated soil to Inland Bays RWF	CY	1,800	\$	\$
M-2	SCRWF: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill	CY	200	\$	\$
Subtotal (Sum of Items M-1 through M-2)					\$

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SCHEDULE N – RBWWTP UNIT PRICE WORK

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	BID PRICE
N-1	RBWWTP: Hauling non-contaminated soil to Inland Bays RWF	CY	25	\$	\$
N-2	RBWWTP: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill	CY	50	\$	\$
5	RBWWTP: Disposing of contaminated soil at an approved Hazardous Solid Waste landfill	CY	25	\$	\$
Subtotal (Sum of Items N-1 through N-2)					\$

5.06 Total Bid Price:

- A. All mathematical errors will be corrected. In case of a discrepancy between unit prices bid and extended totals, unit prices will govern. In case of discrepancy between the correct sum of individual bid items and the (incorrectly) calculated sum, the correct sum of individual bid items will govern.

ITEM No.	TOTAL PRICE
Schedule G Total (SCRWF Lump Sum Bid Items)	\$
Schedule H Total (RBWWTP Lump Sum Bid Items)	\$
Schedule I Total (SCRWF Contingent Unit Price Work)	\$
Schedule J Total (RBWWTP Contingent Unit Price Work)	\$
5	Schedule K Total (SCRWF Allowances) \$225,000
Schedule L Total (RBWWTP Allowances)	\$85,000
1	Schedule M Total (SCRWF Unit Price Work) \$
Schedule N Total (RBWWTP Unit Price Work)	\$
Total Bid Price	\$

TOTAL BID PRICE (in words)

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5.07 **Optional Bid Alternates:**

- A. **Optional Bid Alternates may be selected for inclusion at the discretion of the Owner. Only the Optional Bid Alternates selected for inclusion by the Owner, if any, will be included in the computation of Total Bid Price, which will be used to determine the apparent low bidder.**

DESCRIPTION	TOTAL PRICE DEDUCTION
Total price to be deducted from the Bidder's Total Bid Price for Contract No. C19-17: Electrical Construction if the Bidder is to be awarded Contract No. C19-11: General Construction and Contract No. C19-17: Electrical Construction.	\$

ARTICLE 6 – MAJOR PRODUCTS SCHEDULE

- 6.01 Bidder proposes to provide equipment made by one of the named equipment manufacturers for each item listed in the Major Products Schedule. In addition, unless otherwise indicated, Bidder may propose to provide a substitute or alternative "or equal" equipment manufacturer for each item and the amount to be deducted from the Total Bid Price if the use of the substitute or alternate "or equal" manufacturer's equipment is accepted by Owner and Engineer. By submitting substitute or alternative "or equal" equipment manufacturer for consideration, Bidder agrees that the alternate equipment including modifications and/or additions to the Work necessary to install the equipment and allow the unit to meet the performance requirements specified shall be at its expense if accepted. Bidder shall submit information for each substitute or "or equal" equipment item in accordance with the Instructions to Bidders. Owner reserves the right to accept or decline the use of any or all substitute or alternate "or equal" equipment. If the use of such equipment is accepted by Owner, the Total Bid Price shall be adjusted by the amount identified in the Major Products Schedule. If the use of such equipment is declined by Owner, Contractor shall provide the named manufacturer circled in the Major Products Schedule at no additional cost to Owner.
- 6.02 The design of the Project is based on the named manufacturers for each equipment type. Bidders shall circle one manufacturer/Supplier per line item. Should the Bidder fail to circle a manufacturer or circle more than one named manufacturer for a given specification section, or if the Owner is unable to determine which manufacturer was circled, this shall mean the Bidder will provide the first listed manufacturer or the only manufacturer when only one is listed.
- 6.03 Bidder agrees that any delay caused by the need for redesign necessary as a result of the use of an item other than one of the named manufacturers/Suppliers shall not constitute grounds for any increase in the Contract Price or extension of Contract Times and hereby waives any and all claims arising from or related to such redesign.

ARTICLE 7 – TIME OF COMPLETION

- 7.01 Bidder agrees that Milestones will be achieved, and the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 7.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

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ARTICLE 8 – ATTACHMENTS TO THIS BID

8.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid Bond;
- B. Bidder's Qualifications;
- C. List of Proposed Subcontractors;
- D. Contractor's License No.: _____ [or] Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;
- E. Major Products Schedule.
- F. **Affidavit of Employee Drug Testing Program**



ARTICLE 9 – DEFINED TERMS

9.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

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ARTICLE 10 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:
[Signature] _____

[Printed name] _____
(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:
[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____
(where applicable)

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MAJOR PRODUCTS SCHEDULE				
SPECIFICATION SECTION	EQUIPMENT DESCRIPTION	NAMED EQUIPMENT MANUFACTURER(S)	SUBSTITUTE OR ALTERNATE "OR EQUAL" MANUFACTURER OFFERED FOR CONSIDERATION BY CONTRACTOR	AMOUNT TO BE DEDUCTED FROM TOTAL BID PRICE FOR THE USE OF SUBSTITUTE EQUIPMENT MANUFACTURER
11288	FRP Clarifier Accessories	• Nefco		
11291	Fabricated Stainless Steel Slide Gates	• Fontaine-Aquanox		
11304	Vertical Effluent Pumps	• Fairbanks-Nijhuis	N/A	N/A
11305	Self-Priming Centrifugal Pumps	• Gorman-Rupp	N/A	N/A
11306	Double Disc Positive Displacement Pumps	• Penn Valley Pump Company	N/A	N/A
11307	Submersible Pumps	• Flygt-Xylem	N/A	N/A
11310	Non-Potable Water Pumps	• Fairbanks-Nijhuis • Goulds-Xylem		
11325	Mechanical Rake Screening Equipment	• Headworks International • JWC Environmental		
11326	Perforated Plate Screening Equipment	• Parkson • Huber Technology • Headworks		
11330	Stacked Tray Grit Removal Equipment	• Hydro International	N/A	N/A
11331	Vortex Grit Removal Equipment	• Smith and Loveless	N/A	N/A
11335	Clarifier Equipment	• Ovivo • Evoqua Water Technologies		
11336	Brush Cleaning System	• Ford Hall	N/A	N/A
11345	Peristaltic Tube Chemical Pumps	• Watson-Marlow		
11351	FRP Chemical Storage Tanks	• Justin Tanks		
11371	Turbo Blowers	• APG Neuros • Aerzen	N/A	N/A
11372	Fine Bubble Diffuser System	• Environmental Dynamics International	N/A	N/A

5

MAJOR PRODUCTS SCHEDULE				
SPECIFICATION SECTION	EQUIPMENT DESCRIPTION	NAMED EQUIPMENT MANUFACTURER(S)	SUBSTITUTE OR ALTERNATE "OR EQUAL" MANUFACTURER OFFERED FOR CONSIDERATION BY CONTRACTOR	AMOUNT TO BE DEDUCTED FROM TOTAL BID PRICE FOR THE USE OF SUBSTITUTE EQUIPMENT MANUFACTURER
11375	Compressed Gas Mixing System	• EnviroMix	N/A	N/A
11380	Continuous Backwash Filtration System	• Parkson	N/A	N/A
11382	Rotary Screw Air Compressors	• Quincy	N/A	N/A
11400	Jet Mixing System	• Evoqua Water Technologies		
11420	Belt Filter Press	• Alfa Laval	N/A	N/A
11421	Polymer Feed System	• Velocity Dynamics		
11450	Shaftless Screw Conveyor	• Spriac • Keystone • JDV Equipment		
11451	Dewatered Sludge Belt Conveyor	• Serpentix	N/A	N/A
13133	Odor Control Covers	• Hallsten		
14602	Hoists and Cranes (Electric Winch)	• Thern		
15100	Process Valves (Plug Valves)	• DeZurik		
15870	Power Ventilators (Odor Control Fan)	• Twin City		
16321	Low Voltage Switchboards	• Square-D by Schneider Electric		
16321	Pre-cast Electrical Buildings	• Square-D by Schneider Electric		
16322	Pad Mounted Switchgear	• S&C Electric Company • Federal Pacific • Eaton		
16323	Three Phase Pad Mounted Transformers	• Eaton • ABB • Siemens		

MAJOR PRODUCTS SCHEDULE				
SPECIFICATION SECTION	EQUIPMENT DESCRIPTION	NAMED EQUIPMENT MANUFACTURER(S)	SUBSTITUTE OR ALTERNATE "OR EQUAL" MANUFACTURER OFFERED FOR CONSIDERATION BY CONTRACTOR	AMOUNT TO BE DEDUCTED FROM TOTAL BID PRICE FOR THE USE OF SUBSTITUTE EQUIPMENT MANUFACTURER
16422	Medium Voltage Service Entrance Switchgear	<ul style="list-style-type: none"> • S&C Electric Company • Federal Pacific • Eaton 		
16486	Motor Control Centers	<ul style="list-style-type: none"> • Square-D by Schneider Electric 		
16497	Transfer Switches	<ul style="list-style-type: none"> • ASCO • ABB (Zenith) 		
16620	Packaged Engine Generator Systems	<ul style="list-style-type: none"> • Cummins Power Generation • Caterpillar 		
17100	Programmable Logic Controllers Operator Interface Terminals Managed Ethernet Switches	<ul style="list-style-type: none"> • Square-D by Schneider Electric • Megelis • Cisco 	N/A	N/A
17480	Variable Frequency Drives	<ul style="list-style-type: none"> • Square-D by Schneider Electric 		



SCRWF: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill

- A. **DESCRIPTION** Provide all materials, equipment, labor, and tools to dispose of contaminated soil from South Coastal Regional Wastewater Facilities at the Delaware Solids Waste Authority Jones Crossroads Landfill located at 28560 Landfill Lane, Georgetown, DE.

- B. **WORK INCLUDED UNDER THIS ITEM** Quantity of soil to be disposed to be determined in the field and approved by the Engineer. Work to include loading material, hauling material, and unloading material at the Delaware Solids Waste Authority Jones Crossroads Landfill.

- C. **ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM** Disposal charges.

- D. **METHOD OF PAYMENT** Payment for this item will be made on a unit price basis per cubic yard (CY) of soil disposed.



RBWWTP: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill

- A. **DESCRIPTION** Provide all materials, equipment, labor, and tools to dispose of contaminated soil from Rehoboth Beach WWTP at the Delaware Solids Waste Authority Jones Crossroads Landfill located at 28560 Landfill Lane, Georgetown, DE.

- B. **WORK INCLUDED UNDER THIS ITEM** Quantity of soil to be disposed to be determined in the field and approved by the Engineer. Work to include loading material, hauling material, and unloading material at the Delaware Solids Waste Authority Jones Crossroads Landfill.

- C. **ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM** Disposal Charges.

- D. **METHOD OF PAYMENT** Payment for this item will be made on a unit price basis per cubic yard (CY) of soil disposed.



SCRWF: Facility fees for disposal of contaminated soil

- A. **DESCRIPTION** Facility fees for disposal of contaminated soil

- B. **WORK INCLUDED
UNDER THIS ITEM** Facility fees only

- C. **ASSOCIATED WORK
NOT INCLUDED
UNDER THIS ITEM** All other materials, equipment, labor, and tools to dispose of contaminated soil from South Coastal Regional Wastewater Facilities, including but not limited to loading material, hauling material, and unloading material

- D. **METHOD OF PAYMENT** Lump sum based on receipts from disposal facilities.



RBWWTP: Facility fees for disposal of contaminated soil

- A. **DESCRIPTION** Facility fees for disposal of contaminated soil

- B. **WORK INCLUDED
UNDER THIS ITEM** Facility fees only

- C. **ASSOCIATED WORK
NOT INCLUDED
UNDER THIS ITEM** All other materials, equipment, labor, and tools to dispose of contaminated soil from Rehoboth Beach Wastewater Treatment Plant, including but not limited to loading material, hauling material, and unloading material

- D. **METHOD OF PAYMENT** Lump sum based on receipts from disposal facilities.



SCRWF: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill

- A. **DESCRIPTION** Provide all materials, equipment, labor, and tools to dispose of contaminated soil from South Coastal Regional Wastewater Facilities at the Delaware Solids Waste Authority Jones Crossroads Landfill located at 28560 Landfill Lane, Georgetown, DE.

- B. **WORK INCLUDED UNDER THIS ITEM** Quantity of soil to be disposed to be determined in the field and approved by the Engineer. Work to include loading material, hauling material, and unloading material at the Delaware Solids Waste Authority Jones Crossroads Landfill.

- C. **ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM** Disposal Charges.

- D. **METHOD OF PAYMENT** Payment for this item will be made on a unit price basis per cubic yard (CY) of soil disposed.



RBWWTP: Disposing of contaminated soil at an approved Delaware Solid Waste Authority landfill

- A. **DESCRIPTION** Provide all materials, equipment, labor, and tools to dispose of contaminated soil from Rehoboth Beach WWTP at the Delaware Solids Waste Authority Jones Crossroads Landfill located at 28560 Landfill Lane, Georgetown, DE.
- B. **WORK INCLUDED UNDER THIS ITEM** Quantity of soil to be disposed to be determined in the field and approved by the Engineer. Work to include loading material, hauling material, and unloading material at the Delaware Solids Waste Authority Jones Crossroads Landfill.
- C. **ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM** Disposal charges.
- D. **METHOD OF PAYMENT** Payment for this item will be made on a unit price basis per cubic yard (CY) of soil disposed.



SCRWF: Facility fees for disposal of contaminated soil, sludge or grit

- A. **DESCRIPTION** Facility fees for disposal of contaminated soil, sludge or grit

- B. **WORK INCLUDED
UNDER THIS ITEM** Facility fees only

- C. **ASSOCIATED WORK
NOT INCLUDED
UNDER THIS ITEM** All other materials, equipment, labor, and tools to dispose of contaminated soil, sludge or grit from South Coastal Regional Wastewater Facilities, including but not limited to loading material, hauling material, and unloading material

- D. **METHOD OF PAYMENT** Lump sum based on receipts from disposal facilities.

RBWWTP: Facility fees for disposal of contaminated soil, sludge or grit

- A. **DESCRIPTION** Facility fees for disposal of contaminated soil, sludge or grit
- B. **WORK INCLUDED UNDER THIS ITEM** Facility fees only
- C. **ASSOCIATED WORK NOT INCLUDED UNDER THIS ITEM** All other materials, equipment, labor, and tools to dispose of contaminated soil, sludge or grit from Rehoboth Beach Wastewater Treatment Plant, including but not limited to loading material, hauling material, and unloading material
- D. **METHOD OF PAYMENT** Lump sum based on receipts from disposal facilities.