



1701 Highway A-1-A, Suite 301
 Vero Beach, Florida 32963
 tel: 772-231-4301
 fax: 772-231-4332

January 22, 2021

VIA E-MAIL

Mr. Himanshu H. Mehta, P.E.
 Managing Director
 Indian River County
 Solid Waste Disposal District
 1325 74th Avenue SW
 Vero Beach, Florida 32968

Subject: Indian River County Solid Waste Disposal District
 Indian River County Landfill Segment 3 Cell 1 Landfill Gas System Expansion
 Indian River County Bid No. 2021006
 Evaluation of Bids

Dear Mr. Mehta:

The bid opening for the Indian River County Landfill Segment 3 Cell 1 Landfill Gas System Expansion was held on Wednesday, January 6, 2021 at 2:00 p.m. at Indian River County Purchasing. Bids were received from four contractors: Sterns, Conrad, and Schmidt Consulting Engineers, Inc., Aptim Environmental & Infrastructure, LLC., Triten Industrial Contractors, LLC., and Prime Construction Group, Inc. A summary of the bids is provided below, along with the Grand Total Base Bid amount, which is the basis of determining the apparent low bidder. A more detailed Bid Tabulation table is included as **Attachment A**.

Bidder	Grand Total Base Bid Items No. 1 3	Bid Item No. 4 Contingency (10%)	Grand Total Base Bid Item Nos. 1 4	Item 5 Alternate Bid Item 1 (additional)	Grand Total Base Bid Item Nos. 1 5
Sterns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services	\$968,100	\$96,810	\$1,064,910	\$3,600	\$1,068,510
Aptim Environmental & Infrastructure, LLC	\$1,095,180	\$109,518	\$1,204,698	\$28,200	\$1,232,898
Triten Industrial Contractors, LLC	\$1,398,450	\$139,845	\$1,538,295	\$3,840	\$1,542,135
Prime Construction Group, Inc	\$2,085,345	\$208,534	\$2,293,879	\$5,400	\$2,299,279



Each of the bidders supplied a bid bond in the amount of 5 percent of the Grand Total Base Bid. Each bidder acknowledged receipt of Addendum Numbers 1 and 2. Bids for the project are valid for a period of ninety calendar days from the bid opening day and expire on April 6, 2021. The difference between the four bidders is tabulated below.

Bidder	Grand Total Base Bid Item Nos. 1 4	Bid Low Bidder	Percent Difference
Sterns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services	\$1,064,910	\$0.00	0.00%
Aptim Environmental & Infrastructure, LLC	\$1,204,698	\$139,788	13.13%
Triten Industrial Contractors, LLC	\$1,538,295	\$473,385	44.45%
Prime Construction Group, Inc	\$2,293,879	\$1,228,969	115.41%

The low bidder on the project is Sterns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services with a Grand Total Base Bid of \$1,064,910. SWDD indicated that they intended to exercise the Alternate Bid Item 1 which increases the cost by \$3,600.

SCS Field Services submitted the following information as required by the Bid Documents:

- Bid Form (00300)
- Schedule of Subcontractors (00431)
- State Certification (State Certified General Contractor)
- Power of Attorney (for Surety Bond)
- Schedule of Suppliers (Section 00450)
- Disclosure of Relationships (Section 00452)
- Confirmation of Drug-Free Workplace (Section 00454)
- Non-Collusive Affidavit (Section 00455)
- General Information Required of Bidders (Section 00456)
- Alternate Suppliers (Section 00460)
- Certification Regarding Prohibition Against Contracting with Scrutinized Companies (Section 00470)
- Trench Safety Act Certificate (Section 00480)
- Bid Bond for 5 percent of amount bid (Document A310 – 2010)



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The following suppliers were indicated on the Schedule of Suppliers (Section 00450) submitted with the bid:

Item	Equipment	Supplier
1.	Geosynthetics	C. Agru America
2.	HDPE Pipe	B. Performance Pipe
3.	Landfill Gas Valves	A. Asahi America Inc.
4.	Landfill Gas Wellheads	A. QED Environmental Systems Inc.
5.	Well Dewatering Pump Assembly	A. QED Environmental Systems Inc.
6.	PVC Pipe	Alternate Supplier

The following suppliers were indicated on the Alternate Suppliers (Section 00460) form submitted with the bid:

Item	Equipment	Supplier
1.	HDPE Pipe & Fittings	Charter Plastics *
2.	HDPE Pipe & Fittings	Flying W *
3	PVC Pipe & Fittings	Harvel
4.	PVC Pipe & Fittings	Ipex *

** The CONTRACTOR supplied additional information on these alternate equipment suppliers.*

CDM Smith received preliminary submittals from SCS Field Services regarding their providing Charter Plastics, Flying W and Ipex as alternate suppliers for piping. These preliminary submittals appear to be acceptable pending formal shop drawing submittal review. SCS Field Services also submitted a statement of qualification from Recovery Drilling Services, LLC, which is acceptable.

CDM Smith contacted all of the references provided on the project experience form , two were positive with one abstaining from comment by their county policy. CDM Smith also contacted the most recently referenced project in Augusta, Georgia and received positive responses confirming the project was performed on time and under budget. SCS Field Services is currently performing a project for the City of Jacksonville under CDM Smith supervision without incident.

CDM Smith has also confirmed that SCS Field Services is a general contractor with an active license with the State of Florida. Based on the reference's information supplied in the bid, and our current project experience with SCS Field Services, we have determined that SCS Field Services is a responsive, responsible contractor, and is capable of undertaking and completing the Contract in a satisfactory and timely manner.





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Accordingly, CDM Smith recommends that Indian River County award a construction contract to the lowest responsive, responsible bidder, Sterns, Conrad and Schmidt, Consulting Engineers, Inc. dba SCS Field Services, for the Indian River County Landfill Segment 3 Cell 1 Landfill Gas System Expansion project, IRC Bid No. 2021006. CDM Smith recommends award of the contract for Base Bid Items 1-3 in the amount of \$968,100 with a contingency of 10 percent of the base bid items in the amount of \$96,810 and Alternate Bid Item 1 in the amount of \$3,600 for a Grand Total not to exceed amount of \$1,068,510. All contingency amounts will require approval on a case-by-case basis for inclusion in the project.

If you have any questions, comments, or require any additional information, please contact me at (772) 538-3066 or lewismj@cdmsmith.com

Sincerely,

A handwritten signature in blue ink, appearing to read "Martin J. Lewis".

Martin J. Lewis, P.E., BCEE, PMP
Project Manager III
CDM Smith Inc.

MJL/jj
Attachment
File: PW_PL1_6706-250111.04.15.06

cc: Mr. Vincent Burke, IRC
Ms. Jennifer Hyde, IRC
Mr. Eric Grotke, CDM Smith
Mr. Kevin Vann, CDM Smith



Indian River County
Solid Waste Disposal District
Segment 3 Cell 1 Landfill Gas System Expansion
Schedule of Bid Items

SCS FIELD SERVICES with Alternate Bid Item Included.

Item (Note 1)	Unit	Estimated Quantity (Notes 6, 7)	Unit Price	Total
BID ITEMS:				
1. SEGMENT 3 CELL 1 LANDFILL GAS SYSTEM EXPANSION				
1A. Site Work				
a. Site Preparation	L.S.	1	\$2,600	\$2,600
b. Landfill Gas Collection Piping Installation (Note 3)				
b.1. 24-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	170	\$135	\$22,950
b.2. 18-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	930	\$78	\$72,540
b.3. 12-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	520	\$45	\$23,400
b.4. 8-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	170	\$38	\$6,460
b.5. 6-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	1,900	\$33	\$62,700
b.6. 4-inch SDR 17 HDPE Solid Pipe and Fittings	L.F.	320	\$30	\$9,600
c. Vertical Extraction Well (Note 4)	V.F.	1,050	\$123	\$129,150
d. Sideslope Collector				
d.1. Sideslope collector 40 mil textured HDPE geomembrane	S.F.	12,000	\$0.68	\$8,160
d.2. Sideslope collector 6-inch SDR 11 HDPE solid pipe and fittings in rock (Note 5)	L.F.	200	\$71	\$14,200
d.3. Sideslope collector 6-inch SDR 11 HDPE solid pipe and fittings in common fill (Note 5)	L.F.	3,000	\$14	\$42,000
d.4. Sideslope collector 6-inch SDR 11 HDPE perforated pipe and fittings in rock (Note 5)	L.F.	3,000	\$67	\$201,000
e. Landfill Gas Appurtenances and Fittings				
e.1. Well Head	Ea.	38	\$950	\$36,100
e.2. Miscellaneous Valves and Fittings	L.S.	1	\$45,200	\$45,200
e.3. Access Riser with Ferroc Blind Flange Cap	Ea.	12	\$1,200	\$14,400
e.4. Zone Valve	Ea.	6	\$9,200	\$55,200
f. Compressed Air and Force Main Piping, Fittings, Valves, and Ancillary Components				
f.1. 2-inch SDR 11 HDPE Compressed Air & Condensate Force Main Pipe (same trench as LFG pipe) (Note 3)	L.F.	3,400	\$9	\$30,600
f.2. 2-inch Compressed Air and Force Main Valves Assembly	Ea.	6	\$690	\$4,140
f.3. Well Dewatering Pump Assembly	Ea.	14	\$5,900	\$82,600
f.4. Well Dewatering Pump Installation	Ea.	14	\$500	\$7,000
g. Miscellaneous	L.S.	1	\$19,200	\$19,200
1B. Survey (Note 8)	L.S.	1	\$30,500	\$30,500
TOTAL BID ITEM 1				\$919,700
2. PUBLIC CONSTRUCTION BOND AND INSURANCE (TOTAL)	L.S.	1	\$10,400	\$10,400
3. MOBILIZATION AND DEMOBILIZATION (TOTAL) (Note 2)	L.S.	1	\$38,000	\$38,000
4. CONTINGENCY ALLOWANCE (10% of sum of Bid Items 1, 2, and 3)	L.S.	1	\$96,810	\$96,810
GRAND TOTAL BASE BID				\$1,064,910
5. ALTERNATE BID ITEM 1 – ACCESS RISERS WITH BLIND FLANGE CAP (Note 9)	Ea.	12	\$300	\$3,600
GRAND TOTAL BASE BID With Alternate Bid Item 1 Included				\$1,068,510