

SALEM COUNTY IMPROVEMENT AUTHORITY

RESOLUTION No. 2020-89

November 12, 2020

**RESOLUTION AUTHORIZING THE AWARD OF A CONTRACT TO PROVIDE
LABOR, MATERIAL AND EQUIPMENT NECESSARY
FOR CONSTRUCTION AND INSTALLATION OF
THE EXPOSED GEOMEMBRANE COVER**

WHEREAS, the Salem County Improvement Authority (“SCIA”) has a need to acquire the services of a qualified company for the Solid Waste Division pursuant to the provisions of N.J.S.A. 40A:11-1 *et. seq.* for labor, material and equipment necessary for construction and installation of the exposed geomembrane cover; and

WHEREAS, the value of these services will exceed \$40,000.00; and

WHEREAS, SCIA publically advertised for the acceptance of open public bids and provided specifications for the scope of the work and the requirements of the bid proposals, pursuant to N.J.S.A. 40A:11-4; and

WHEREAS, bids were opened publicly on November 6, 2020; and

WHEREAS, the bidder submitting the lowest responsible bid was C. Abbonizio Contractors, Inc. of Sewell, New Jersey in the amount of \$3,717,620.00, representing a base bid of \$3,660,120.00, plus alternate bids of \$40,000.00 (2.01 Leveling Course) and \$17,500.00 (2.03 Removal and Disposal of Temporary Rain Cover – Cell 7); and

WHEREAS, the bid submitted by C. Abbonizio Contractors, Inc. was within an acceptable financial range of expense anticipated by SCIA and is within the SCIA’s budgeted appropriation for this project; and

WHEREAS, it is in the best interest of SCIA to award a contract as soon as possible to start the installation and construction of the exposed geomembrane cover; and

WHEREAS, in accordance with N.J.A.C. 5:30-5.4, the Chief Financial Officer of the Salem County Improvement Authority has certified in writing that adequate funds for this contract are available from SCIA’s capital improvement budget;

NOW THEREFORE, BE IT RESOLVED by the Salem County Improvement Authority Board as follows:

1. C. Abbonizio Contractors, Inc. of Sewell, New Jersey, is hereby awarded a contract to provide labor, material and equipment for construction and installation of the exposed geomembrane cover for the sum of \$3,717,620.00.
2. These services shall be performed in accordance with the terms and conditions contained

in the bid specifications for the project and the attached contract and supplemental documents which are on file in the Office of the Executive Director, including compensation as provided for in such documents.

3. The Chairperson and Secretary of SCIA are hereby authorized to execute said contract a copy of which is incorporated herein and made a part of this resolution by reference.
4. A notice of the awarding of this contract shall be published in accordance with the Local Public Contracts Law and a copy of this Resolution shall be kept on file with the designated Custodian of Records for SCIA for inspection by the public.

ATTEST:



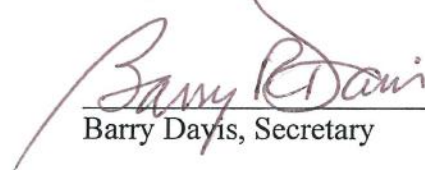
Barry Davis, Secretary



Cordy Taylor, Chairman

CERTIFICATION

I hereby certify the above to be a true copy of a resolution adopted by the Salem County Improvement Authority Board at a special meeting held November 12, 2020.



Barry Davis, Secretary



November 9, 2020

Julie Acton
Executive Director
Salem County Improvement Authority
286 Welchville Road
PO Box 890
Alloway, New Jersey 08001

Re: Recommendation to Award
Exposed Geomembrane Cover

Dear Julie:

Cornerstone Environmental Group, LLC, a Tetra Tech company (Tetra Tech), evaluated Contractor Bids received Friday, November 6, 2020 for construction of the Exposed Geomembrane Cover (EGC). For the comparison, Tetra Tech reviewed bid tabulations and contractor's experience relative landfill construction projects. Based on our review, **Tetra Tech recommends that the Salem County Improvement Authority (SCIA, Authority) enters into an agreement with C. Abbonizio Contractors, Inc. (Abbonizio) of Sewell, New Jersey. Abbonizio is the apparent low bidder with a Bid Amount of \$3,783,520.00.** Barbella Construction Services, LLC and Wyndham Construction, LLC have submitted bids for \$4,658,036.00 and \$4,929,520.00, respectively.

Included in the Bid Amount are Alternate Bid Items, of which Tetra Tech recommends that the Authority include the following in the agreement:

- 2.01 (Levelling Course), this is a contingency item and would be used if the existing leveling course was determined insufficient during construction. Abbonizio has submitted a bid value of \$40,000.00 for this item;
- 2.02 (Daily Rate for Construction Crew) for a bid value of \$18,500.00; and,
- 2.03 (Removal and Disposal of Temporary Rain Cover (Cell 7)), Tetra Tech was advised that the Authority will not be able to self-perform the task. Abbonizio has submitted a bid value of \$17,500.00 for this item;

Tetra Tech recommends that the Authority not include the following Alternate Bid Items in the agreement:

- 2.04 (Incremental Cost for Supplying 40-mil Textured LLDE Geomembrane (dark green) for a bid value of \$47,400.00.

Was the Authority to accept Tetra Tech's recommendation, the Contract Amount would be \$3,736,120.00, including \$76,000.00 for the three recommended Alternate Bid Items.

Julie Acton
November 9, 2020

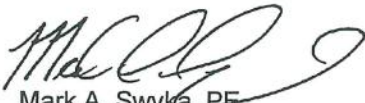
Tetra Tech is overseeing construction for a Mechanically Stabilized Earthen (MSE) Berm by Abbonizio at the Pennsauken Sanitary Landfill. The work includes geomembrane liners and other geosynthetic materials. Tetra Tech has additional direct and indirect knowledge of other construction projects Abbonizio has completed at a several New Jersey landfills. To our knowledge, all projects were completed to the satisfaction of the Owners and Engineers.

Tetra Tech has not evaluated Abbonizio's bid for responsiveness and completeness with respect to other formal requirements specified in the Bid Documents. Tetra Tech understands that the Authority's counsel is performing this review and preparing the Resolution for the board meeting scheduled for Thursday November 12, 2020.

Please contact us if you have any questions or required additional information.

Sincerely,

CORNERSTONE ENVIRONMENTAL GROUP, LLC – A TETRA TECH COMPANY



Mark A. Swyka, PE
Engineer-of-Record



Arie P. Kremen, PhD
Sr Client Manager

Enclosure: Comparative Bid Tabulation

Salem County Improvement Authority
Exposed Geomembrane Cover
 Bid Tabulation and Comparison to Engineer's Estimate

Item	Description	Qty	Units	Comparison: Unit Cost			Comparison: Extended Cost			Engineer's Estimate	
				Abbotizio	Barbella	Wyndham	Abbotizio	Barbella	Wyndham	Unit Cost	Extended Cost
1. Base Bid Items											
1.01	Mobilization/Demobilization	1	LS	\$ 120,000.00	\$ 125,000.00	\$ 125,000.00	\$ 120,000.00	\$ 125,000.00	\$ 125,000.00	\$ 50,000.00	\$ 50,000.00
1.02	General Conditions	1	LS	\$ 176,000.00	\$ 410,000.00	\$ 200,000.00	\$ 176,000.00	\$ 410,000.00	\$ 200,000.00	\$ 50,000.00	\$ 50,000.00
1.03	Survey	1	LS	\$ 30,000.00	\$ 90,000.00	\$ 150,000.00	\$ 30,000.00	\$ 90,000.00	\$ 150,000.00	\$ 15,000.00	\$ 15,000.00
1.04	Soil Erosion & Sediment Control	1	LS	\$ 35,000.00	\$ 77,000.00	\$ 50,000.00	\$ 35,000.00	\$ 77,000.00	\$ 50,000.00	\$ 20,000.00	\$ 20,000.00
1.05	Topsoil Removal and Stockpile	49	AC	\$ 5,300.00	\$ 3,500.00	\$ 7,000.00	\$ 259,700.00	\$ 171,500.00	\$ 343,000.00	\$ 2,500.00	\$ 122,500.00
1.06	Supply 40-mil Textured LLDPE Geomembrane	237,000	SY	\$ 2.60	\$ 2.81	\$ 2.60	\$ 616,200.00	\$ 665,976.00	\$ 616,200.00	\$ 5.50	\$ 1,303,500.00
1.07	Install 40-mil Textured LLDPE Exposed Geomembrane Cover	188,800	SY	\$ 3.70	\$ 5.27	\$ 6.00	\$ 698,560.00	\$ 994,976.00	\$ 1,132,800.00	\$ 8.50	\$ 1,604,800.00
1.08	Install 40-mil Textured LLDPE in Stormwater Swale	48,200	SY	\$ 6.30	\$ 2.45	\$ 4.35	\$ 303,660.00	\$ 118,090.00	\$ 209,670.00	\$ 9.25	\$ 445,850.00
1.09	Anchor Trench and Backfill	27,300	LF	\$ 19.00	\$ 10.00	\$ 18.00	\$ 518,700.00	\$ 273,000.00	\$ 491,400.00	\$ 30.00	\$ 819,000.00
1.1	Anchor Trench, 4-inch Gas Lateral, and Backfill with 3/4-inch stone	2,500	LF	\$ 20.00	\$ 20.00	\$ 45.00	\$ 50,000.00	\$ 50,000.00	\$ 112,500.00	\$ 90.00	\$ 225,000.00
1.11	Rip-rap lined Drainage Channels and Swales	5,000	LF	\$ 62.00	\$ 177.00	\$ 125.00	\$ 310,000.00	\$ 885,000.00	\$ 625,000.00	\$ 120.00	\$ 600,000.00
1.12	30-ft wide DGA Landfill Access Roadway	1,500	LF	\$ 63.00	\$ 86.00	\$ 70.00	\$ 94,500.00	\$ 129,000.00	\$ 105,000.00	\$ 80.00	\$ 120,000.00
1.13	Landfill Access Roadway Swale with Prefabricated Concrete Elements	900	LF	\$ 80.00	\$ 100.00	\$ 125.00	\$ 72,000.00	\$ 90,000.00	\$ 112,500.00	\$ 150.00	\$ 135,000.00
1.14	96-inch Wide by 42-in High Box Culvert Replacement	2	LS	\$ 80,000.00	\$ 120,000.00	\$ 95,000.00	\$ 160,000.00	\$ 240,000.00	\$ 190,000.00	\$ 100,000.00	\$ 200,000.00
1.15	Landfill Gas Control System, 6-inch diameter Manifolds	1,500	LF	\$ 26.00	\$ 25.00	\$ 50.00	\$ 39,000.00	\$ 37,500.00	\$ 75,000.00	\$ 70.00	\$ 105,000.00
1.16	Landfill Gas Control System, Tie-ins and Wellheads	6	EA	\$ 1,400.00	\$ 4,500.00	\$ 1,500.00	\$ 8,400.00	\$ 27,000.00	\$ 9,000.00	\$ 2,500.00	\$ 15,000.00
1.17	Booting of Gas Wells, Condensate Sumps, Valve Stems, and other Wells and Pipes	50	EA	\$ 820.00	\$ 180.00	\$ 250.00	\$ 41,000.00	\$ 9,000.00	\$ 12,500.00	\$ 125.00	\$ 6,250.00
1.18	Excavate, Expose, Modify Existing Landfill Gas Header Pipe	1	LS	\$ 7,400.00	\$ 25,000.00	\$ 30,000.00	\$ 7,400.00	\$ 25,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00
1.19	Stormwater Diversion Berm	1,200	LF	\$ 100.00	\$ 200.00	\$ 150.00	\$ 120,000.00	\$ 240,000.00	\$ 180,000.00	\$ 118.00	\$ 141,600.00
Base Bid Items, Subtotal:				\$ 3,660,120.00	\$ 4,658,036.00	\$ 4,769,570.00	\$ 3,660,120.00	\$ 4,658,036.00	\$ 4,769,570.00	\$ 5,993,500.00	\$ 5,993,500.00
2. Alternate Bid Items											
2.01	Levelling Course (Gloucester Stockpile)	2,000	CY	\$ 20.00	\$ 35.00	\$ 22.00	\$ 40,000.00	\$ 70,000.00	\$ 44,000.00	\$ 30.00	\$ 60,000.00
2.02	Daily Rate for Construction Crew	5	Days	\$ 3,700.00	\$ 5,000.00	\$ 6,000.00	\$ 18,500.00	\$ 25,000.00	\$ 30,000.00	\$ 2,500.00	\$ 12,500.00
2.03	Removal and Disposal of Temporary Rain Cover (Cell 7)	7	AC	\$ 2,500.00	\$ 7,500.00	\$ 7,200.00	\$ 17,500.00	\$ 52,500.00	\$ 50,400.00	\$ 10,000.00	\$ 70,000.00
2.04	Incremental Cost for Supplying 40-mil Textured LLDPE Geomembrane (dark green)	237,000	SY	\$ 0.20	\$ 0.16	\$ 0.15	\$ 47,400.00	\$ 37,920.00	\$ 35,550.00	\$ 0.50	\$ 118,500.00
Alternate Bid Items, Subtotal:				\$ 123,400.00	\$ 185,420.00	\$ 159,950.00	\$ 123,400.00	\$ 185,420.00	\$ 159,950.00	\$ 261,000.00	\$ 261,000.00
Sum of Base Bid and Alternate Bid Items, (Bid Amount):				\$ 3,783,520.00	\$ 4,843,456.00	\$ 4,929,520.00	\$ 3,783,520.00	\$ 4,843,456.00	\$ 4,929,520.00	\$ 6,254,500.00	\$ 6,254,500.00

Certification of Availability of Funds

This is to certify to the AUTHORITY BOARD of the SALEM COUNTY IMPROVEMENT AUTHORITY that funds for the following resolutions are available.

Amount: \$3,717,620.00

Resolution Date: November 12, 2020

Resolution Number: 2020-89

Vendor: 2020: C. Abbonizio Contractors, Inc.

Account Number: 60-17-120-102

Department Description: Cell 1-7 Final Cover (Construction)

Total: 3,660,120.00

Only amounts for the 2020 Budget Year have been certified. Amounts for future years are contingent upon sufficient funds being appropriated .



Chief Financial Officer