



COMMISSION PACKAGE

ACTION REQUESTED:

The Purpose of Commission Package is to request approval of Change Order No. 7 to Contract No. CD5170D11, Piscataway Wastewater Treatment Plant (WWTP), also known as, Water Resource Recovery Facility (WRRF) Secondary Clarifiers and Polymer Feed System Upgrade and Expansion in the amount of \$830,011.67. This is an owner-initiated change to provide and install Automatic Spray Algae-Cleaning Systems for Secondary Clarifiers 1A, 1B, 2A and 2B including all process mechanical, electrical, yard piping, valves and appurtenances. It was decided to add this work as a change order so that it can be executed while the plant is already shut down for the Clarifier Expansion Project. This avoids the cost, years of delays and risks to plant operations that would occur by doing this later as a separate project with additional shutdowns. This work is not associated with the Piscataway Bioenergy Project.

Change Order No. 7 provides for additional electrical conduits; increases in conduit sizes, a secondary clarifier 1E drain; WAS (Waste-Activated Sludge) valve replacement; flow box 5A modifications; Weir washers for clarifiers 1A, 1B, 2A and 2B; electrical and piping Weir washers; fiber optic work in control building; and concrete repairs to secondary clarifiers 2A and 2B effluent box.

Basis of Award: N/A

PROJECT OVERVIEW:

This contract provides for the rehabilitation of the existing secondary clarifiers and building of a new 200 ft. secondary clarifier as well as the upgrade of the settling polymer system and a new building to house the settling polymer system.

CONTRACT DATA:

CONTRACT NO. :	CD5170D11	CUMULATIVE CONTRACT AMOUNT:	\$28,370,643.92
CONTRACT TERM:	4 YRS	ORIGINAL CONTRACT AMOUNT:	\$24,032,100.00
OPTION TERM:	N/A	CONTRACT TYPE:	CONSTRUCTION
PROCUREMENT TYPE:	IFB	OSDI CONCURRENCE:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
PROJECT LOCATION:	<input type="checkbox"/> MONTGOMERY COUNTY <input checked="" type="checkbox"/> PRINCE GEORGE'S COUNTY <input type="checkbox"/> BOTH		

AWARDEE INFORMATION.:

AWARDEE:	NORAIR ENGINEERING CORPORATION
CHANGE ORDER AMOUNT:	\$830,011.67
PAST PERFORMANCE:	<input checked="" type="checkbox"/> SATISFACTORY <input type="checkbox"/> NO PAST PERFORMANCE

MBE/SLBE REQUIREMENT: 25.01%

<input type="checkbox"/> AFRICAN AMERICAN	<input checked="" type="checkbox"/> ASIAN AMERICAN	<input type="checkbox"/> NATIVE AMERICAN
<input type="checkbox"/> HISPANIC AMERICAN	<input checked="" type="checkbox"/> WOMEN OWNED	<input type="checkbox"/> WSSC-SLBE APPROVED


SUBCONTRACTORS (OSDI APPROVED SUBCONTRACTING PLAN)	PROFFERED PERCENTAGE	CLASSIFICATION	SUMMARY OF SERVICES
A&C CONSTRUCTION COMPANY, INC	25.00%	MBE	Concrete and Trough Work
CAPITOL DEVELOPMENT DESIGN, INC.	0.01%	MBE	Survey Stakeout

CHANGE ORDER HISTORY:

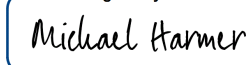
CHANGE ORDER NO.	AMOUNT OF CHANGE	CUMULATIVE AMOUNT
CURRENT CONTRACT VALUE		\$24,032,100.00
CHANGE ORDER No. 1	\$34,328.68	\$24,066,428.68
CHANGE ORDER No. 2	\$60,915.07	\$24,127,343.75
CHANGE ORDER No. 3	\$227,575.50	\$24,354,919.25
CHANGE ORDER No. 4	\$201,561.33	\$24,556,480.58
CHANGE ORDER No. 5	\$205,017.25	\$24,761,497.83
CHANGE ORDER No. 6	\$2,779,134.42	\$27,540,632.25
CHANGE ORDER No. 7	\$830,011.67	\$28,370,643.92
CUMULATIVE TOTAL OF CHANGE ORDERS	\$4,338,543.92	\$28,370,643.92

☐ Denotes Commission Approval Required


STATEMENT OF DETERMINATION AND FINDINGS

BASED UPON A THOROUGH REVIEW AND ANALYSIS OF THE CONTRACTOR'S PROPOSAL AND ALL OTHER SUPPORTING DOCUMENTATION SUBMITTED BY THE CONTRACTOR, AND IN CONJUNCTION WITH THE DUE DILIGENCE PERFORMED BY THE PROCUREMENT OFFICE, I CERTIFY THAT THE AWARD OF CHANGE ORDER NO. 7, TO CONTRACT NO. CD5170D11 IS RELEVANT, FAIR AND REASONABLE, AND IN THE BEST INTEREST OF THE COMMISSION. TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL APPLICABLE REGULATORY AND STATUTORY PROVISIONS WERE ADHERED TO WHEN DETERMINING AWARD. ERIK T. LEWIS/ETL  **BUYER INITIALS**

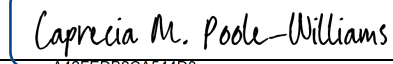
COMMITTEE REVIEW & APPROVAL:

DocuSigned by:

 / Mar 8, 2021 | 3:45 PM EST


Michael Harmer
Chief Engineer
 Date

DocuSigned by:

 / Mar 8, 2021 | 3:55 PM EST


Courtney J. Edmonds
OSDI Director
 Date

DocuSigned by:

 / Mar 8, 2021 | 3:59 PM EST

Caprecia Poole-Williams
Chief Procurement Officer
 Date

DocuSigned by:

 / Mar 8, 2021 | 4:33 PM EST

James A. Price, Jr.
Deputy GM, Operations
 Date

DocuSigned by:

 / Mar 10, 2021 | 2:51 PM EST

Carla A. Reid
General Manager/CEO
 Date

☐ This is to certify that the Washington Suburban Sanitary Commission on this date voted to approve the above action.

☐ This is to certify that the Washington Suburban Sanitary Commission on this date voted to approve the above action with the following stipulations:

☐ This is to certify that the Washington Suburban Sanitary Commission on this date voted not to approve the above action.

 /

COMMISSION
Date



Memorandum

February 23, 2021

To: Commissioners

Thru: Carla A. Reid
General Manager/CEO

Thru: Joseph F. Beach
Deputy General Manager for Administration

From: Courtney J. Edmonds, Director
Office of Supplier Diversity & Inclusion

Subject: (REVISED) Review of Request for Concurrence with Change Order No. Seven (7) for Contract No. CD5170D11/P81448 for the Piscataway WWTP Secondary Clarifiers and Polymer Feed System Upgrade and Expansion

The Office of Supplier Diversity & Inclusion ("OSDI") has reviewed the request for concurrence with Change Order No. Seven (7) for Contract No. CD5170D11/P81448 for the Piscataway WWTP Secondary Clarifiers and Polymer Feed System Upgrade and Expansion. In accordance with MBE Program Regulations (WSSC Water Code of Regulations Chapter 6.30) and SLBE Program Regulations (WSSC Water Code of Regulations Chapter 6.35), this Contract was awarded to Norair Engineering Corp., a majority-owned firm located in Landover, Maryland in the amount of \$24,032,100.00 with a 25.00% (\$6,008,025.00) Minority Business Enterprise (MBE) subcontracting requirement. Change Order Nos. one through six totaling \$3,508,532.25, increased the contract amount to \$27,540,632.25.

A subcontracting plan modification was approved by the OSDI increasing the MBE subcontracting requirement by 0.01% to 25.01%. To date, according to WSSC Water's Web-Based Compliance System, Norair Engineering Corp., has been paid \$22,233,402.36 of which \$2,863,530.59 (12.88%) has been paid to its MBE subcontractors.

Change Order No. Seven (7) has a net increase of \$830,011.67. The new contract amount will be \$28,370,643.92.

The chart below reflects Change Orders to date for Contract No. CD5170D11/P81448:

Change Order No.	Action Required	Date of Change	Increased Contract Amount	Decreased Contract Amount	Total Contract Price Per Change Order
1	<ul style="list-style-type: none"> 18-inch drain line bypass pumping and work restriction 	10/9/2018	\$34,328.68	\$0.00	\$24,066,428.68
2	<ul style="list-style-type: none"> 48in ML Tee Connection Auger Cast Pile Rebar Cage Elevation for Slab Additional Conductors for CP409 Eliminate Tracer Wire Clarifier Drive Zero Speed Switch Emergency Potable Water Line Repair Fittings for DBR, Seed, PW and WAS 	1/10/2019	\$60,915.07	\$0.00	\$24,127,343.75
3	<ul style="list-style-type: none"> Pipes for RAS pumps 1-3 10" mud valve in Clarifier 1E Roof hatches for RAS pumps 1-3 20 PVC strainer Relocate conduits Piping RAS pumps 4-8 Relocate 8-inch UW 	6/26/2019	\$227,575.50	\$0.00	\$24,354,919.25

Change Order No.	Action Required	Date of Change	Increased Contract Amount	Decreased Contract Amount	Total Contract Price Per Change Order
4	<ul style="list-style-type: none"> Chemical Enhanced Primary Treatment Design Work 	3/25/2020	\$201,561.33	\$0.00	\$24,556,480.58
5	<ul style="list-style-type: none"> Pilot light for clarifier panels Train 1 Gallery Stairs Footing over 24" RAS line Weir washer heat trace electrical Credit for underperformed electrical conduit relocation work Piscataway Clarifier- Chem PLC enclosure relocation Relocation of Transformer Different Site Conditions on the route of 60" SE Piscataway Clarifiers Design Revision Site Civil Sitework Modifications Control Wiring for VFD Cabinets Center spray assembly and spare inner ring Design Revision – Contractor Staging Area 	4/10/2020	\$205,017.25	\$0.00	\$24,761,497.83
6	<ul style="list-style-type: none"> Sludge blanket detector relocation Existing Electrical/Communication Manhole RAS Seal Water Flowmeter Power and Control Conduit and Wiring Relay Switch Remove sludge in clarifier Concrete demo and removal for installing 24" RA differing site conditions Electrical Ductbank Profile Change to cross the road differing site conditions Secondary Clarifier Feedwell Skimmers Design Revisions 	7/9/2020	\$2,779,134.42	\$0.00	\$27,540,632.25
7	<ul style="list-style-type: none"> Additional Electrical conduits Division Revision, SC-1E Drain Replace WAS Valve Flow Box 5A Modifications Weir Washers Fiber optic work in control building Weir Washers Secondary Clarifier 2A, 2B Box Concrete Repair Change Order #6 Correction Completion date is February 3, 2022 	12/4/2020	\$830,011.67	\$0.00	\$28,370,643.92
	Original Contract Amount				\$24,032,100.00
	Difference – Change Order Nos. 1- 7		\$4,338,543.92	0.00	\$4,338,543.92
	New Contract Amount				\$28,370,643.92

The chart below reflects the current Subcontracting Requirement, Performance-to-Date and Summary of Services for Contract No. CD5170D11/P81448:

Subcontractor	Current Subcontracting Requirement	Subcontracting Performance-to-Date	Summary of Service
^A & C Construction Company, Inc. (WBENC - #1800326 Female/Woman-Owned) North Potomac, Maryland	25.00% (MBE)	12.66% (MBE)	Concrete & trough work
^Capitol Development Design, Inc. (MDOT #97-438, Asian American) Beltsville, Maryland	0.01% (MBE)	0.22% (MBE)	Survey stakeout
Cody Builders Supply, Inc. Austin, Texas	0.12% (Majority)	13.21% (Majority)	Fabricated aluminum

B&B Site Management, Inc. Waldorf, Maryland	0.01% (Majority)	0.27% (Majority)	Installation of erosion & sediment controls
Bay Town Painting, Inc. Baltimore, Maryland	0.01% (Majority)	0.13% (Majority)	Painting division 9 finishes and standard details
Berkel & Company Contractors, Inc. Kansas City, Missouri	0.06% (Majority)	0.00% (Majority)	Install (436) – 16" APG piles
Bilbrough's Electric, Inc. Denton, Maryland	0.05% (Majority)	5.67% (Majority)	Complete installation of electrical & instrumentation work, div. 16, 13, and standard details
SC Stevenson Consulting, Inc. Columbia, Maryland	0.01% (Majority)	0.38% (Majority)	Construction materials testing and inspection
Long Fence Company, Inc. Capitol Heights, Maryland	0.01% (Majority)	0.00% (Majority)	Temporary fence & guardrail
Rubble Bee Recycling & Demolition, LLC Owings, Maryland	0.01% (Majority)	0.00% (Majority)	Demolition work
Total MBE Subcontracting:	25.01%	12.88%	
Total Majority Subcontracting:	0.28%	19.66%	
Total Subcontracting:	25.29%	32.54%	

All firms are registered in WSSC Water's Supplier Portal System.

The Commission fully expects Norair Engineering Corp. to meet its overall MBE subcontracting requirement of 25.01% (\$7,095,498.04) and its individual subcontracting requirement with each MBE subcontractor by the end of the contract term for the Contract value of \$28,370,643.92.

Please note that the overall and individual MBE subcontracting requirement must be met. The Project Manager should monitor this contract to ensure that the MBE subcontracting requirement is met.

The OSDI concurs with Change Order No. Seven (7) for Contract No. CD5170D11/P81448 for the Piscataway WWTP Secondary Clarifiers and Polymer Feed System Upgrade and Expansion.

Should you have any questions, please contact the Office of Supplier Diversity & Inclusion at (301) 206-8800.

CJE/te

cc: Procurement Office