



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

December 15, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Clayton J. Johnson, Production Engineer *CJJ*

Subject: Contract 20-20-07
Industrial Blasting, Painting, and Associated Maintenance
April 1, 2020 to March 31, 2022
Board Task Approval for STP Raw Water Header Coating
ECWA Project No. 202000005

Contract MP-85 investigated the structural integrity of the Sturgeon Point WTP raw water pump station header piping. Most of the raw water header piping, valves, and appurtenances have been in service for 50 to 60 years. As part of MP-85, the raw water header piping was examined utilizing non-destructive testing methods to determine the condition and identify necessary repair and replacement to maintain operations and reduce the risk of significant piping failures.

As a result of the MP-85 investigation the raw water pump station piping was found to be non-coated with evidence of exterior deterioration, but with approximately 90 percent of remaining wall thickness. The report recommended removal of surficial corrosion and coating the pipes to inhibit future exterior corrosion.

The Authority currently has an Industrial Blasting, Painting, and Associated Maintenance Contract (PN 202000005) with Niagara Coatings Services, Inc. This current contract covers work such as recoating piping. In accordance with the Contract, Board Approval is required if the cost of the work exceeds \$35,000. The cost of the Sturgeon Point WTP raw water pump station header piping recoating (surface preparation and coating) is \$66,118.22. A 10% contingency will be added to take into account unforeseen conditions, we are therefore requesting a not to exceed cost of \$73,000 be approved for this work. The Niagara Coatings, Inc. scope of work and fee are attached for your reference.

Budget Information: Funds are available in the 2021 and 2022 Capital Budgets as follows:

- Department 100 Production Department
- Unit 1010 Sturgeon Point Plant
 - O&M Item 19 – Payments to Contractors-Other

CJJ:jmf

Attachments

cc: L.Kowalski

M.Wymer

D. Patton

CONT-HS-003-2101-X-01

NIAGARA COATINGS SERVICES Inc.

8025 Quarry Rd., Niagara Falls, NY 14304

(716) 297-5834 Fax: (716) 297-5603

www.niagaracoatings.com



Estimate

Job Name: ECWA –Sturgeon Point – Raw Water Piping

December 8, 2021

Estimate To:

Erie County Water Authority

3030 Union Road

Cheektowaga, New York 14227-1097

ECWA Contract No. 202000005

Attention: Clayton Johnson -

Direct: (716) 685.8218 | Cell: (716) 345.5076 | cjohnson@ecwa.org

We hereby submit specification and estimate for:

Supplying labor and materials to perform surface preparation and lining on the ECWA Raw Water Piping, any Item not listed and required will be an added cost to the base contract. This estimate excludes overtime, shift differentials & taxes.

Scope of work:

Power-wash to remove dirt sand surface debris

Hand Tool and Power Tool clean surfaces for acceptance of new coatings

Apply 1 coat of SW Macropoxy 5000 Epoxy Pre Primer

Apply 2 coats of SW Sherloxane 800 Polysiloxane Finish

Project No: 202000005-15

Project Name: ECWA – Secondary Containments

Bid Item No.	Description	Rate	Estimated Quantity	Total
1	Manpower			
1A	Field Laborer	\$106.44	NA	
1B	Field Sandblaster/Painter	\$111.27	502	\$ 55,857.54
1C	Field Welder	\$110.00	NA	
1D	Shop Laborer	\$85.00	NA	
1E	Shop Sandblaster/Painter	\$90.00	NA	
1F	Shop Welder	\$102.00	NA	
2	Equipment	\$105.00	Dust Collector	\$3,300.00
3	Allowances			
3A	Specialty Equipment Rental	\$467.75	1	\$467.75
3B	SW Macropoxy 5000	\$101.20	20	\$ 2024.00
3B.1	SW Sherloxane 800	\$ 118.85	35	\$ 4,159.75
3B.2				
	Allowance Markup (5% maximum)			\$ 309.18
TOTAL				\$ 66,118.22

Authorized Signature: David K. Jaeger

David K. Jaeger – Estimator

djaeger@niagaracoatings.com

ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Documents
(check which apply)

Contract: 20-20-07

Project No.: 202000005

Project Description: Industrial Blasting, Painting, and Associated Maintenance Contract
April 1, 2020 to March 31, 2022

Item Description:

- | | | | |
|--|--|---|---------------------------------------|
| <input type="checkbox"/> Agreement | <input type="checkbox"/> Professional Service Contract | <input type="checkbox"/> Amendment | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> BCD | <input type="checkbox"/> NYSDOT Agreement | <input type="checkbox"/> Contract Documents | <input type="checkbox"/> Addendum |
| <input type="checkbox"/> Recommendation for Award of Contract | <input type="checkbox"/> Recommendation to Reject Bids | | |
| <input type="checkbox"/> Request for Proposals | | | |
| <input checked="" type="checkbox"/> Other <u>Board Approval per Contract</u> | | | |

Action Requested:

- | | |
|---|--|
| <input type="checkbox"/> Board Authorization to Execute | <input checked="" type="checkbox"/> Legal Approval |
| <input type="checkbox"/> Board Authorization to Award | <input type="checkbox"/> Execution by the Chairman |
| <input type="checkbox"/> Board Authorization to Advertise for Bids | <input type="checkbox"/> Execution by the Secretary to the Authority |
| <input type="checkbox"/> Board Authorization to Solicit Request for Proposals | |
| <input checked="" type="checkbox"/> Other <u>Board Approval per Contract</u> | |

Approvals Needed:

APPROVED AS TO CONTENT:

- | | | |
|---|---|-------------------------|
| <input checked="" type="checkbox"/> Sr Production Engineer | <u><i>Jeanard F. Koraluk</i></u> For Mike Wymer | Date: <u>12/15/2021</u> |
| <input checked="" type="checkbox"/> Chief Operating Officer | <u><i>Russell J. Stoll</i></u> | Date: <u>12/15/2021</u> |
| <input checked="" type="checkbox"/> Executive Engineer | <u><i>Jeanard F. Koraluk</i></u> | Date: <u>12/15/2021</u> |
| <input type="checkbox"/> Director of Administration | _____ | Date: _____ |
| <input type="checkbox"/> Risk Manager | _____ | Date: _____ |
| <input checked="" type="checkbox"/> Chief Financial Officer | <u><i>Karen A. Bendegast</i></u> | Date: <u>12/15/2021</u> |
| <input checked="" type="checkbox"/> Legal | <u><i>[Signature]</i></u> | Date: <u>12/15/2021</u> |

APPROVED FOR BOARD RESOLUTION:

- | | | |
|--|---------------------------|-----------------------|
| <input checked="" type="checkbox"/> Secretary to the Authority | <u><i>[Signature]</i></u> | Date: <u>12/15/21</u> |
|--|---------------------------|-----------------------|

Remarks: _____

Resolution Date: _____

Item No: _____