



AGENDA ITEM # 8 E/F

AGENDA ITEM EXECUTIVE SUMMARY

**Village Board Meeting
September 13, 2021**

Item Title: **Devlin WWTP Influent Pump and Screening Project
Change Order No. 7 – Final Balancing Change Order
Amendment**

Staff Contact: Karen Young, P.E. Public Works Director

VILLAGE BOARD ACTION

- | |
|---|
| <ol style="list-style-type: none">1. Adopt a Resolution Amending Resolution #2021-2428 authorizing the Mayor to execute Change Order No. 7 for the Devlin WWTP Influent Pump and Screening Project between the Village of Roselle and Williams Brothers Construction, Inc. in the deductive amount of \$69,670.00 and for a Contract Time Extension.2. Adopt a Resolution Amending Resolution #2021-2429 authorizing the purchase and installation of Hoist and Trolley from Waite Equipment Company in the amount of \$89,000.00. |
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Executive Summary:

Change Order #7 was approved at the August 23rd Village Board and included the final balancing change order for the project and contract time extension. Subsequently a calculating error was discovered in the original Change Order #7 documents, which has been modified in the table below. The updated documents are attached.

Contract Cost Decrease The contract with Williams Brother Construction, Inc. (WBCI) is still being deducted by the amount of \$69,670 as previously approved, but the total final contract amount should have been \$9,336,859.03 as noted below.

Contract Time Extension

There are no changes to the contract time extension from the previous approval.

Increased Hoist, Trolley, and Installation Outside of Contract

The current electric wire hoists and trolleys have been on back order due to supply chain issues and are not anticipated to be available until December 2021 at the earliest. The contract with Williams Brothers Construction is funded both through IEPA low interest loans and the Village's Water and Sewer Fund. To minimize additional interest charges with the IEPA loan by keeping the current contract open longer, staff is recommending deducting this work from the contract Williams Brothers Construction and complete the

purchase and installation directly through the supplier, Waite Equipment Company. The deduction has been included in Change Order #7. The total cost of the proposed work with Waite Equipment Company is \$89,000 instead of the previously approved \$82,560, which would be paid for out of the Water and Sewer Fund.

Final Project Costs & Allowances

The overall corrected summary of project costs are shown below. The total change orders and allowances included in the contract are attached.

	Williams Brothers Construction	Waite Equipment Company	Total
Original Contract Including Allowances	\$9,324,000.00	\$0.00	\$9,324,000.00
Final Contract Including Allowances Used and Change Orders	\$9,336,859.03	\$89,000.00	\$9,425,859.03
Total Contract Changes	\$12,859.03	\$89,000.00	\$101,859.03

Staff and Trotter and Associates, Inc. recommend the Village Board approve the items as presented.

Implications:

Is this item budgeted? Yes. There is sufficient funds in the Water and Sewer Capital Fund for this project and the IEPA loan for this project includes a total contingency of \$279,720.00.

Any other implications to be considered? None

Attachments:

- Resolution – Williams Brothers Construction
- Exhibit A - Change Order #7 Williams Brothers Construction
- Resolution – Waite Equipment Company
- Exhibit A

RESOLUTION NO. 2021-

A RESOLUTION AMENDING RESOLUTION #2021-2428 AUTHORIZING THE MAYOR TO EXECUTE CHANGE ORDER NO. 7 FOR THE DEVLIN WWTP INFLUENT PUMP AND SCREENING PROJECT BETWEEN THE VILLAGE OF ROSELLE AND WILLIAMS BROTHERS CONSTRUCTION, INC. IN THE DEDUCTIVE AMOUNT OF \$69,670.000 AND FOR A CONTRACT TIME EXTENSION

WHEREAS, the corporate authorities of the Village of Roselle previously approved Resolution #2021-2428 for Change Order #7 on August 23, 2021;

WHEREAS, a calculation error was found in the previously approved Change Order #7, which has been corrected;

WHEREAS, the corporate authorities of the Village of Roselle deem it in the best interests of the Village to approve the modifications to Change Order No. 7 with Williams Brothers Construction, Inc. for the Devlin WWTP Influent Pump and Screening Project; and

WHEREAS, the Village budgeted funds for the above stated project in the Water and Sewer Capital Projects Fund and the project is funded through the IEPA low interest State revolving loan program and there is sufficient funds in the Water and Sewer Capital Projects Fund Reserve; and

WHEREAS, Trotter and Associates, Inc. has reviewed the modified Change Order No. 7 and the contract completion date extension associated with the project and find it fair and reasonable; and

WHEREAS, both parties agree to the terms and conditions set forth in the modified Change Order No. 7 with Williams Brothers Construction, Inc., as described in Exhibit A.

NOW, THEREFORE, be it resolved by the Mayor and Board of Trustees of the Village of Roselle that the Mayor is hereby authorized to sign and the Village Clerk is hereby directed to attest that certain modified Change Order No. 7 between the Village of Roselle and Williams Brothers Construction, Inc., which is attached hereto and incorporated as fully set forth as Exhibit A.

ADOPTED this 13th day of September, 2021

AYES:

NAYS:

ABSTAIN:

ABSENT:

David Pileski, Mayor

ATTEST:

Patricia Burns, Village Clerk



CHANGE ORDER #7

Date: September 7, 2021

Date of Agreement: October 28, 2019

Project: Devlin Influent Pump Station and Screening Improvements

Job Number: ROS2017-03

Owner:

Village of Roselle
31 South Prospect Street
Roselle, IL 60172

Contractor:

Williams Brothers Construction, Inc.
1200 East Kelly Avenue
Peoria Heights, IL 61616

The following changes are hereby made to the CONTRACT DOCUMENTS:

The Contract Modification Requests (CMRs) that have been reviewed by the Village and been authorized to be added to this change order are:

- CMR #54 – Removal of Additional Existing Piles
- CMR #55 – Additional Yard Pipe and Fittings
- CMR #57 – ADA Entrance to Administration Building, Parking Lot Striping, and changing proposed stairs to a ramp
- CMR #60 – Curb Change West of the Grit Building
- CMR #63 – Retaining Wall Height Modifications
- CMR #64 – Removal of Proposed Retaining Wall around ATO
- CMR #66 – Removal of Hoist, Trolleys and their Installation and Testing
- CMR #67 – Deduct for Balance of Allowances not Utilized

There is a time extension included in CMR #66 of sixty (60) days to account for the time spent working through the issues with the existing garage, getting the soil boring done and the report completed. WBCI has had to hold up on completing their work around the building while the above was sorted out.

Summary of CMR's included with this Change Order:

CMR No.	Description	Change Order Amount	Days
54	Removal of Additional Existing Piles	\$ 1,288.00	0
55	Additional Yard Pipe and Fittings	\$ 8,886.00	0
57	ADA Entrance, Parking Lot Striping and Stair to Ramp Change	\$ 2,879.00	0
60	Curb Change West of Grit Building	\$ 545.00	0
63	Retaining Wall Height Modification	\$ 6,544.00	0
64	Remove Retaining Wall around ATO	\$ (2,212.00)	0
66	Remove Hoist, Trolleys, Installation and Testing	\$ (82,560.00)	60
67	Deduct for Unused Balance of Electrical Allowances:	\$ (3,313.00)	0
	Deduct for Unused Balance of Piping Allowances:	\$ (411.00)	0
	Deduct for Unused Balance of Manhole Allowances:	\$ (1,316.00)	0
TOTAL FOR CHANGE ORDER		\$ (69,670.00)	60

As this is the final change order for this contract prior to project completion, the balance of the Electrical, Piping/Mechanical and Manhole allowances remaining need to be applied to the contract, which shown in the included CMR #67. The CMR's associated with the allowances are as follows:

Electrical Allowances:

- CMR #5 – ATO Indicator Box Relocation
- CMR #21R1 – Duct Bank Spare Conduit and Wiring Revisions
- CMR #27 – Regrading and Curb for Transformer
- CMR #33 – Streetlight Replacements
- CMR #36 – Fiber Optic Loop and Duct Bank Revisions
- CMR #40 – Radar Level Sensor Mounting Modifications
- CMR #41 – Electrical Room Changes
- CMR #43 – High Level Floats Upstream of Screens
- CMR #46 – 208 Volt Receptacle and Recirculation Pump Room Electrical
- CMR #59 – Duct Bank Changes
- CMR #65 – Grit Building Electrical

Piping/Mechanical Allowances:

- CMR #11R4 – Non-Potable Water, Gas, Primary Sludge and Grit Yard Piping Changes
- CMR #28 – Change Primary Sludge Piping to Clear Rigid PVC
- CMR #31 – Rebar Modifications for Piping Conflicts
- CMR #42 – Additional Hooks for Pump Chains
- CMR #44 – Additional Manhole for Plant Drains
- CMR #47 – Hooks for Lower-Level Hoist Chains
- CMR #56 – Bury Downspout from Grit Building

Existing Manhole/Site Allowances:

- CMR #24 – Tie Administration Building Downspout into Manhole
- CMR #49 – Existing Pile Removal
- CMR #61 – Manhole, Road and Curb Changes around Parshall Flume
- CMR #62 – Change to Curb on North Side of Admin Building

Summary of Allowances:

CMR No.	Description	Electrical Allowance	Piping Allowance	Existing Manhole Repairs	Days
5	ATO Indicator Box Relocation	\$ 1,934.00			0
11R4	NPW, Gas, Primary Sludge and Grit Yard Piping Changes		\$ 34,041.00		0
21R1	Duct Bank Spare Conduit and Wiring Revisions	\$ 28,440.00			0
24	Admin Building Downspout Tie-in			\$ 3,670.00	0
28	Clear Rigid PVC Piping for Primary Sludge		\$ 1,344.00		0
31	Rebar Modifications Piping and Column Conflict		\$ 2,065.00		0
27	Regrading and curb for transformer	\$ 27,565.00			0
33	Street Light Replacements	\$ 33,390.00			0
36	Fiber Optic Loop and Duct Bank Revisions	\$ 4,752.00			0
40	Radar Level Sensor Mounting Modifications	\$ 3,161.00			0
41	Electrical Room Changes	\$ 1,497.00			0
42	Additional Hooks for Pump Chains		\$ 748.00		0
43	High Level Floats for Upstream of Screens	\$ 2,191.00			0
44	New Manhole for Plant Drains		\$ 9,844.00		10
46	208 V Recepticle and Recirculation Pump Room Electrical	\$ 1,562.00			0
47	Hooks for Lower Level Hoists Chains - Time and Material		\$ 562.00		0
49	Existing Pile Removal - Time and Material			\$ 3,066.00	0
56	Bury Downspout Drain from Grit Building		\$ 985.00		0
59	Duct Bank Changes	\$ 18,461.00			0
61	Manhole, Road and Curb Changes around Parshall Flume			\$ 12,954.00	0
62	Curb Change North of Admin Building			\$ 3,994.00	0
65	Grit Building Interior Electrical	\$ 23,734.00			0
TOTAL ALLOWANCE AMOUNT UTILIZED		\$ 146,687.00	\$ 49,589.00	\$ 23,684.00	10

Original Allowance Value	\$ 150,000.00	\$ 50,000.00	\$ 25,000.00
Allowance Amount Utilized	\$ 146,687.00	\$ 49,589.00	\$ 23,684.00
Allowance Amount Remaining	\$ 3,313.00	\$ 411.00	\$ 1,316.00

Justification: See attached CMR's

CMR No.	Description	Change Order Amount	Days
54	Removal of Additional Existing Piles	\$ 1,288.00	0
55	Additional Yard Pipe and Fittings	\$ 8,886.00	0
57	ADA Entrance, Parking Lot Striping and Stair to Ramp Change	\$ 2,879.00	0
60	Curb Change West of Grit Building	\$ 545.00	0
63	Retaining Wall Height Modification	\$ 6,544.00	0
64	Remove Retaining Wall around ATO	\$ (2,212.00)	0
66	Remove Hoist, Trolleys, Installation and Testing	\$ (82,560.00)	60
67	Deduct for Unused Balance of Electrical Allowances:	\$ (3,313.00)	0
	Deduct for Unused Balance of Piping Allowances:	\$ (411.00)	0
	Deduct for Unused Balance of Manhole Allowances:	\$ (1,316.00)	0
TOTAL FOR CHANGE ORDER		\$ (69,670.00)	60

Original Contract Price, excluding allowances	\$ 9,099,000.00
Allowances Included in Contract	\$ 225,000.00
Original Contract Price, including allowances	\$ 9,324,000.00
Previous Change Orders	\$ 82,529.03
Allowances Utilized to Date	\$ 219,960.00
Contract Price adjusted by Previous Change Orders and Use of Allowances to Date	\$ 9,401,489.03
Contract Price adjusted by Previous Change Orders and Use of Full Allowances	\$ 9,406,529.03
Contract Price due to this Change Order will be adjusted by	\$ (69,670.00)
Contract Price including this Change Order and Portion of Allowances Utilized to Date	\$ 9,336,859.03

	Substantial Completion	Final Completion
Original Completion Dates	May 8, 2021	June 7, 2021
Previous Contract Time Adjustment	49	49
Current Completion Dates adjusted by Previous Change Orders	June 26, 2021	July 26, 2021
Contract Time due to this Change Order to be Adjusted by	60	60
Completion Dates including this Change Order	August 25, 2021	September 24, 2021

Attachments:

- CMR Log

- Allowance Log

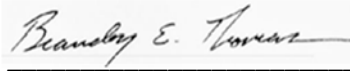
- Change Order #7 CMR's:
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 - o CMR #64 – Removal of Proposed Retaining Wall around ATO
 - o CMR #66 – Removal of Hoist, Trolleys and their Installation and Testing
 - o CMR #67 – Deduct for Balance of Allowances not Utilized

Approvals:

Williams Brothers Construction, Inc.

Trotter and Associates, Inc.

Village of Roselle



Jason Ackerman

Brandon E. Thomas, PE

David Pileski

Project Manager

Project Engineer

Mayor

RESOLUTION NO. 2021-

**A RESOLUTION AMENDING RESOLUTION #2021-2429
AUTHORIZING THE PURCHASE AND INSTALLATION OF
HOIST AND TROLLEY FROM WAITE EQUIPMENT COMPANY
IN THE AMOUNT OF \$89,000.00.**

WHEREAS, the corporate authorities of the Village of Roselle previously approved Resolution #2021-2429 for the Purchase and Installation of Hoist and Trolley From Waite Equipment Company in the amount of \$82,560 on August 23, 2021;

WHEREAS, a calculation error was found in the previously approved purchase amount, which has been corrected;

WHEREAS, the corporate authorities of the Village of Roselle deem it in the best interest of the Village to approve the purchase and installation of hoist and trolley from Waite Equipment Company in the amended amount of \$89,000; and

WHEREAS, the Village budgeted funds for the above stated projects in the Water and Sewer Equipment Replacement Fund; and

WHEREAS, the Village received competitive pricing for the purchase and installation of this work through the Devlin Influent Pump and Screening Project and was determined to be the lowest, responsive, and responsible bidder; and

WHEREAS, both parties agree to the terms and conditions set forth in the proposal as described in Exhibit A.

NOW, THEREFORE, be it resolved by the Mayor and Board of Trustees of the Village of Roselle that the Mayor is hereby authorized to sign and the Village Clerk is directed to attest to the extent necessary to documents necessary to purchase and install hoist and trolley system from Waite Equipment Company, in the amount of \$89,000, as set forth in the itemized proposal attached hereto and incorporated as fully set forth as Exhibit A

ADOPTED this 13th day of September, 2021

AYES:

NAYS:

ABSTAIN:

ABSENT:

David Pileski, Mayor

ATTEST:

Patricia Burns, Village Clerk



3443 N. Main St.
 East Peoria, IL 61611
 USA

Date:	12/23/2020
Terms:	Net 30
FOB:	Jobsite
P.O. No.	
Project:	Devlin WWTF Influent Pump Sta

TO:
Williams Bros. Const. Inc P.O.Box 1366 Peoria, IL, 61654

Phone (708) 371-3110
 Fax (312) 267-1811
 e-mail: john@waiteequipment.com

Description	Qty	Cost	Total
Request For Change Order			
Acco Wright Work Rated Hoisting Equipment - Influent Pump Station & Screening Building	1	89,000.00	89,000.00
Quantity: Two (2) Capacity: 2 Ton (4000#) Lift: 36'-0", Hand Push to operate on 4" to 14" flange Type: Electric Wire Rope Hoist w/ Manual Trolley, Hoist: 15 FPM Inverter Control, 3-hp motor, NEMA 7 enclosure, branch circuit fusing Features: Two (2) Button Pendent Station w/ Mushroom On/Off Upper/Lower Geared Limit Switch with Upper Gravity Limit Switch, Harsh Environment Chemical Duty Hoist Motor, Inverter Duty Hoist Motor, Epoxy Type Urethane Enamel Paint with Primer, Overload Limit Cutoff Device, Mechanical Load Brake Steel Sheaves, Motor Thermostats, Mainline Contactor Festoon Power Cord w/ Wire Kit 480-3-60 Motor & Control, with 115 VAC Class 1, Group D, Division 2 Hazardous Environment Quantity: One (1) Capacity: 3 Ton (6000#), Hand Push Manual Type Trolley to operate on 4" to 14" flange One (1) Systems Installation - Consisting of equipment, tools, and union labor required to install proposed equipment. Including festoon electrification on the two monorails with hoists. Disconnect and power feed to each monorail by others. Factory Load Test Certificate Included End Stops by others. Terms: Net thirty (30) days Submittals available 2 weeks after receipt of change order, Delivery: 10-12 weeks after return of approved submittals, General Notes: 1) Taxes are not included 2) Manufacturers standard warranty provided 3) Hoists will be safety yellow in color 4) Monorail beams, End Stops, furnished and installed by others 5) Disconnect and power feed to each monorail by others			
Subtotal			89,000.00
Thank you for this opportunity to be of service!		Subtotal	
		Total	\$89,000