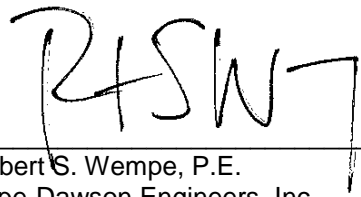


Harris County Municipal Utility District No. 136
March 11, 2021 Board Meeting
Engineer's Report

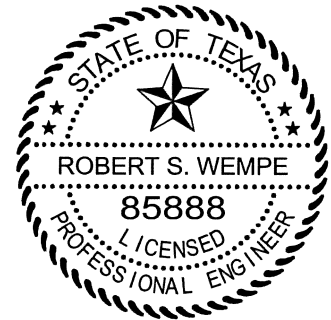
a. **Status of Water Plant Electrical Improvements – Andrew-Jordan Industrial LLC**

Progress Payment No. 5 in the amount of \$69,599.20 is submitted for payment/approval.

Engineer's Report Prepared by:



Robert S. Wempe, P.E.
Pape-Dawson Engineers, Inc.
TBPE Reg. No. 470



March 5, 2021


Mr. Neil Polansky
Harris County MUD No. 136
1301 McKinney Street, Suite 5100
Houston, TX 77010

Re: Progress Payment No. 5
Project: Water Plant Proposed Electrical Equipment Building Facilities
Pape-Dawson Project Number: 40660-01
Owner: Harris County MUD No. 136

Dear Mr. Polansky,

Enclosed herein is Progress Payment No. 5 for the referenced project along with the Affidavit of Bills Paid and Partial Waiver of Lien. The estimate is in order and we recommend payment in the amount of \$65,599.20 to Andrew-Jordan Industrial, LLC.

Sincerely,
Pape-Dawson Engineers, Inc.


Robert S. Wempe, P.E.
Vice President



Enclosure

cc - Mr. Mike Doran – Andrew-Jordan Industrial, LLC
Mr. Dimitri Millas – Norton Rose Fulbright US, LLP

K:\Projects\406\60\01\4-0 Construction Project 1\4-2 Agreement\4-2-2 Pay Estimates\210305 Progress Payment No. 5.docx

CONSTRUCTION PROGRESS PAYMENT NO. 5
 Progress Period: 11/25/20 to 12/23/20

PROJECT: Water Plant Proposed Electrical Equipment Building

JOB NO: 40660-01

CONTRACT DATE: Apr-16-2020

OWNER

Harris County MUD No. 136
 1301 McKinney Street, Suite 5100
 Houston, TX 77010

CONTRACTOR

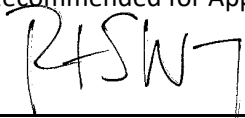
Andrew-Jordan Industrial, LLC
 11011 Brooklet Drive, Suite 340
 Houston, TX 77099

Insurance Expiration: Mar-23-2021

Original Contract Amount:	\$	593,341.00
Change Orders (0)	\$	-
Incentive/(Liquidated Damage)	\$	-
Adjustment to Final Quantity	\$	-
Revised Contract Amount:	\$	593,341.00
Amount Placed To Date:	\$	593,341.00
Less 10% Retainage:	\$	(59,334.10)
Balance:	\$	534,006.90
Previous Progress Payments:	\$	468,407.70
Total Amount Due This Date:	\$	65,599.20
Project Percent Complete:		100%

Completion Items:	
Notice to Proceed	Jun-1-2020
<u>Contract Time:</u>	<u>180</u>
Approved Time Extensions:	0
<u>Approved Change Order Days</u>	<u>0</u>
Revised Contract Time:	180
Anticipated Completion Date	Nov-28-2020
Days To Date:	205
Percent Time Used:	114%
<u>Early / (Late) Completion</u>	<u>N/A</u>

Recommended for Approval:

 3/5/21
 Robert S. Wempe, P.E. Date
 Vice President
 Pape-Dawson Engineers, Inc

OWNER: Harris County MUD No. 136
PROJECT: Water Plant Proposed Electrical Equipment Building
JOB NO: 40660-01
CONTRACTOR: Andrew-Jordan Industrial, LLC

-- CONSTRUCTION PROGRESS PAYMENT NO. 5 --
11/25/2020 to 12/23/2020

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	THIS ESTIMATE		PREVIOUS ESTIMATE		TOTAL TO DATE		% COMPLETE	
					QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT		
SITE PLAN IMPROVEMENTS AND DEMOLITION ITEMS												
1.	2	EA	Furnish and Construct Concrete Steps to Access New Electrical Building	\$ 1,973.00	0	\$ -	2	\$ 3,946.00	2	\$ 3,946.00	100.00%	
2.	40	SY	Furnish and Construct Concrete Sidewalk	\$ 65.00	0	\$ -	40	\$ 2,600.00	40	\$ 2,600.00	100.00%	
3.	16	CY	Detention Expansion	\$ 411.00	0	\$ -	16	\$ 6,576.00	16	\$ 6,576.00	100.00%	
4.	62	LF	Remove & Relocate/Install Gas Line for Emergency Generator	\$ 132.00	0	\$ -	62	\$ 8,184.00	62	\$ 8,184.00	100.00%	
5.	75	SY	Saw Cut, Excavation, and Removal of Existing HMAC Pavement	\$ 26.00	0	\$ -	75	\$ 1,950.00	75	\$ 1,950.00	100.00%	
SITE PLAN IMPROVEMENTS AND DEMOLITION ITEMS SUBTOTAL:								23,256.00		23,256.00		
EROSION & SEDIMENTATION CONTROLS ITEMS												
6.	111	LF	Furnish and Install Reinforced Silt Fence	\$ 3.00	0	\$ -	111	\$ 333.00	111	\$ 333.00	100.00%	
7.	3	EA	Furnish and Install Rock Filter Dam Type 2	\$ 1,315.00	0	\$ -	3	\$ 3,945.00	3	\$ 3,945.00	100.00%	
8.	1	EA	Furnish and Install Inlet Protection	\$ 263.00	0	\$ -	1	\$ 263.00	1	\$ 263.00	100.00%	
9.	1	LS	Furnish and Install HydroMulch Seeding for Restoration/Revegetation of All Disturbed Areas	\$ 2,631.00	1	\$ 2,631.00	0	\$ -	1	\$ 2,631.00	100.00%	
EROSION & SEDIMENTATION CONTROLS ITEMS SUBTOTAL:						2,631.00		4,541.00		7,172.00		
NEW ELECTRICAL BUILDING ITEMS												
10.	1	LS	Furnish and Construct a Concrete Masonry Unit Building with Reinforced Concrete Slab, Precast Plank Roof, and Appurtenances	\$ 188,000.00	0.00	\$ -	1.00	\$ 188,000.00	1.00	\$ 188,000.00	100.00%	
11.	1	LS	Furnish and Install New Electrical Service and Distribution Equipment	\$ 27,302.00	0.25	\$ 6,826.00	0.75	\$ 20,476.00	1.00	\$ 27,302.00	100.00%	
12.	4	EA	Furnish and Install 4 New Variable Frequency Drives	\$ 5,000.00	0	\$ -	4	\$ 20,000.00	4	\$ 20,000.00	100.00%	
13.	1	EA	Furnish and Install New Panel PLC	\$ 21,140.00	0	\$ -	1	\$ 21,140.00	1	\$ 21,140.00	100.00%	
14.	1	LS	Furnish and Install New Interior and Exterior Light Fixtures, and Wiring Devices	\$ 3,290.00	0	\$ -	1	\$ 3,290.00	1	\$ 3,290.00	100.00%	
15.	10	LF	Furnish and Install New HVAC Equipment	\$ 1,052.60	10	\$ 10,526.00	0	\$ -	10	\$ 10,526.00	100.00%	
16.	50	CY	Furnish and Install New Raceways/Conductors	\$ 400.00	5	\$ 2,000.00	45	\$ 18,000.00	50	\$ 20,000.00	100.00%	
NEW ELECTRICAL BUILDING ITEMS SUBTOTAL:						19,352.00		270,906.00		290,258.00		
DEMOLITION & INSTALLATION AT EXISTING ELECTRICAL SERVICE ENTRANCE AND YARD ITEMS												
17.	1	LS	Demolish existing underground conductors & electrical lines as noted around yard	\$ 1,200.00	1	\$ 1,200.00	0	\$ -	1	\$ 1,200.00	100.00%	

ITEM NO.	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	THIS ESTIMATE		PREVIOUS ESTIMATE		TOTAL TO DATE		% COMPLETE
					QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	
18.	1	LS	Demolish existing electrical service entrance equipment as noted, including transformers, control panel, MCC, etc.	\$ 4,500.00	1	\$ 4,500.00	0	\$ -	1	\$ 4,500.00	100.00%
19.	1	LS	Demolish controls at existing Hydropneumatic tanks control cabinets	\$ 1,200.00	1	\$ 1,200.00	0	\$ -	1	\$ 1,200.00	100.00%
20.	1	LS	Sitewide, furnish and install new underground duct banks as identified, including raceways/conductors.	\$ 163,244.00	0.100	\$ 16,325.00	0.900	\$ 146,919.00	1.000	\$ 163,244.00	100.00%
21.	1	LS	Relocate existing automatic transfer switch	\$ 630.00	1	\$ 630.00	0	\$ -	1	\$ 630.00	100.00%
22.	4	EA	Furnish and install four (4) new disconnects for booster pumps	\$ 1,500.00	0	\$ -	4	\$ 6,000.00	4	\$ 6,000.00	100.00%
23.	1	LS	Furnish and install new electrodes and electrode holders at existing Hydropneumatic tanks control cabinets	\$ 2,513.00	1	\$ 2,513.00	0	\$ -	1	\$ 2,513.00	100.00%
24.	1	LS	Furnish and install Ground Storage Tank 1 and 2 level transducers	\$ 8,129.00	1	\$ 8,129.00	0	\$ -	1	\$ 8,129.00	100.00%
25.	1	LS	Furnish and install system pressure transmitter	\$ 3,263.00	1	\$ 3,263.00	0	\$ -	1	\$ 3,263.00	100.00%
26.	1	LS	Furnish and install analog signal splitter	\$ 988.00	1	\$ 988.00	0	\$ -	1	\$ 988.00	100.00%
27.	1	LS	Furnish and install new electrodes and electrode holders at existing Hydropneumatic tanks control cabinets	\$ 2,513.00	1	\$ 2,513.00	0	\$ -	1	\$ 2,513.00	100.00%
DEMO & INSTALL AT EXISTING ELECTRICAL SERVICE ENTRANCE AND YARD ITEMS SUBTOTAL:						41,261.00	152,919.00	194,180.00			
EXISTING ELECTRICAL BUILDING ITEMS											
28.	1	LS	Demolish Identified Electrical and Control Equipment	\$ 4,500.00	1	\$ 4,500.00	0	\$ -	1	\$ 4,500.00	100.00%
29.	1	LS	Relocate Existing Auto Dialer and Breathing Apparatus	\$ 350.00	1	\$ 350.00	0	\$ -	1	\$ 350.00	100.00%
30.	1	LS	Furnish and Install New Electrical Equipment	\$ 3,000.00	1	\$ 3,000.00	0	\$ -	1	\$ 3,000.00	100.00%
31.	1	LS	Furnish and Install New Interior and Exterior Light Fixtures, and Wiring Devices (Switches and Receptacles)	\$ 1,000.00	1	\$ 1,000.00	0	\$ -	1	\$ 1,000.00	100.00%
32.	1	LS	Furnish and Install New Solenoid Valve	\$ 794.00	1	\$ 794.00	0	\$ -	1	\$ 794.00	100.00%
EXISTING ELECTRICAL BUILDING ITEMS SUBTOTAL:						9,644.00	-	9,644.00			
STORM WATER POLLUTION PREVENTION PLAN ITEMS											
33.	1	LS	Compliance with the TCEQ TPDES regulations	\$ 2,631.00	0	\$ -	1	\$ 2,631.00	1	\$ 2,631.00	100.00%
STORM WATER POLLUTION PREVENTION PLAN ITEMS SUBTOTAL:						-	2,631.00	2,631.00			

ITEM			ITEM DESCRIPTION	UNIT PRICE	THIS ESTIMATE		PREVIOUS ESTIMATE		TOTAL TO DATE		% COMPLETE
NO.	QTY	UNIT			QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	
MISCELLANEOUS ITEMS											
34.	1	LS	Move-in and Start-up as Required to Begin Construction	\$ 50,000.00	0	\$ -	1	\$ 50,000.00	1.0	\$ 50,000.00	100.00%
35.	1	LS	Performance and Payment Bonds	\$ 9,200.00	0	\$ -	1	\$ 9,200.00	1	\$ 9,200.00	100.00%
36.	1	LS	Control and Construction Staking for Construction and/or Installation	\$ 5,000.00	0	\$ -	1	\$ 5,000.00	1	\$ 5,000.00	100.00%
37.	1	LS	As-Built No Boundary Survey	\$ 2,000.00	0	\$ -	1	\$ 2,000.00	1	\$ 2,000.00	100.00%
MISCELLANEOUS ITEMS SUBTOTAL:						-		66,200.00		66,200.00	
WATER PLANT PROPOSED ELECTRICAL EQUIPMENT BUILDING GRAND TOTAL						72,888.00		520,453.00		593,341.00	

Total	\$ 72,888.00	\$ 520,453.00	\$ 593,341.00
Less Retainage (10%)	<u>\$ (7,288.80)</u>	<u>\$ (52,045.30)</u>	<u>\$ (59,334.10)</u>
(Liquidated Damages)*@ \$1,000/day for 0 days	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Grand Total	\$ 65,599.20	\$ 468,407.70	\$ 534,006.90
Less Previous Estimates			<u>\$ 468,407.70</u>
Due this Estimate			\$ 65,599.20

*In accordance with Section 4.03 of the Agreement between Owner and Contractor.

Waiver and Lien Release Upon Partial Payment

State of Texas
County of Harris

The undersigned was contracted or hired by Harris County MUD No.136 ("Owner") to furnish labor and/or materials in connection with certain improvements to real property known as Proposed Electrical Equipment Building Facilities for HCMUD No.136 ("Project").

CONTRACTOR: Andrew Jordan Industrial LLC

This Payment: Sixty five thousand five hundred ninety nine dollars and twenty cents

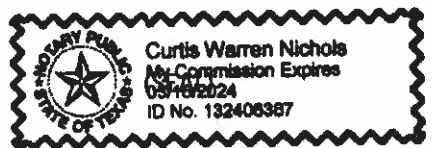
Upon receipt of this Pay Estimate No. 5 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned does hereby waive and release any mechanic's lien or materialman's lien or claims of lien, including any constitutional lien or claim thereto, that the undersigned has or hereafter has on the above mentioned real property and/or improvements thereon on account of any work furnished or to be furnished by the undersigned whether pursuant to the above mentioned contract or otherwise.

The undersigned further certifies and warrants that there are no known mechanic's or materialman's liens outstanding as of the date hereof, that all bills incurred by it with respect to the work will be paid within 10 days of the receipt of the above amount or sooner, and that there is no known basis for the filling of any mechanic's or materialman's lien on the property and/or improvements above described by any person or entity performing work on behalf of the undersigned of, and to the extent permitted by applicable law, the undersigned does hereby waive and release any mechanic's or materialman's lien or claims lien of any other such person or entity, and further agrees to indemnify and hold the owner harmless from and said lien or claim including the payment of related costs, expenses and reasonable attorney's fees.

Andrew Jordan Industrial LLC
Contractor

Mike Dora
By Vice President
Title
12-23-2020
Date

Subscribed and Sworn to before me, the undersigned authority, on this the 23rd day of December, 2020.



[Signature]
Notary Public for the State of Texas

Affidavit of Bills Paid

State of Texas
County of Harris

OWNER: Harris County Municipal Utility District No. 136

PROJECT: Proposed Electrical Equipment Building Facilities for HCMUD No. 136

CONTRACTOR: Andrew Jordan Industrial LLC

All just and lawful invoices against the above named Contractor, for labor, materials and expendable equipment employed in the performance of said Project have been paid in full prior to acceptance of payments from Owner.

The Contractor agrees to indemnify and hold the Owner and Engineers harmless from all liability arising from claims by subcontractors, materialmen and suppliers under Contract.

No claims have been made or filed up on the payment bond, and the Contractor has not received any claims or notice of claims from subcontractor, materialmen and suppliers.

Andrew Jordan Industrial LLC
Contractor

Mike Doran
By Vice President
Title
12-23-2020
Date

Subscribed and Sworn to before me, the undersigned authority, on this the 23rd day of December, 2020.



[Signature]
Notary Public for the State of Texas