

ENGINEER'S STATUS REPORT
HARRIS COUNTY FRESH WATER SUPPLY DISTRICT No. 61
April 8, 2020

Prepared by William G. Rosenbaum, P.E. #45894
Lockwood, Andrews & Newnam, Inc., TBPE Firm #F-2614

A. Design – Construction Projects

1. Water, Sanitary and Lift Station Relocations: Eldridge Parkway at FM 1960 (12094) – TxDOT is proposing to widen all four approaches of the N. Eldridge Parkway / FM 1960 intersection. TxDOT is acquiring additional Right-of-Way (ROW) adjacent to the existing ROW. Any existing utilities under the proposed pavement sections must be relocated. The District has many existing water lines and sanitary sewer lines located either within the existing street ROWs or within easements adjacent to the ROWs. The District's water & sanitary sewer relocation plans are complete. New easements are being proposed and some won't meet the City of Houston requirements without a variance being granted. We met with Ms. Kathlee Bullock, PhD, P. E., Assistant Director of Public Works for the City of Houston and per her direction and have resubmitted the plans.

TxDOT Letting (Advertising) Date: June 2020

TxDOT Notice to Proceed: September 2020

<u>Remaining Items</u>	<u>Date</u>
Deliver 21 easements to Smith Murdaugh	12/11/2019
Deliver remaining easements to Smith Murdaugh	12/31/2019
Obtain easements	3/1/2020
After easements are obtained, submit plans for approval	3/1/2020
Bidding	4/1/2020
Start Construction	5/1/2020
Complete Construction	9/1/2020

2. Water Plant No. 3 & Aerial Water Line Crossings Recoating – The contractor is Pardalis Industrial Enterprises and the Notice to Proceed was issued on 1/30/2020. The contractor's plan is to finish the interior of the GST and then start one of the Hydrotanks

ACTION ITEM – Review and approve Pay Application No. 1 and Change Order No. 1, **see attached PDF**

3. Wortham Falls Detention Pond Improvements – Plans are complete. Opinion of cost is \$100,000. Use SPA Funds. Bidding was approved at the 2/26/20 meeting. We are trying to reach the HOA regarding the approval of the proposed work. The bids will be received on 3/24/20 and presented at the Board meeting.

ACTION ITEM – Review bids and award construction contract, **see attached PDF.**

4. Sanitary Sewer Phase 7 & 9 Rehabilitation (12169) –The construction contract in the amount of \$1,387,650 was awarded to King Solution Services at the 3/25/20 Board meeting. The funding source is Bond Issue 18 which has \$1,485,000 available for sanitary sewer rehab work.
5. WWTP No. 2 (Hastings Green) Lift Station Rehabilitation (12176) – The Preliminary Engineering Report was presented to the Board at the 2/12/20 meeting. The rehab plans will be prepared for a Fall 2020 Bidding Schedule.
6. WWTP No. 1 (Barwood) Lift Station & Remaining District Lift Stations – The Preliminary Engineering Report was presented to the Board at the 2/19/20 meeting.

B. Construction Warranty Status

<u>Inspection</u>	<u>Expiration</u>	<u>Project</u>
5/10/20	7/10/20	Elevated Storage Tank No. 2 Recoating (12135)
5/10/20	7/10/20	Sanitary Sewer 4 & 5 Rehabilitation (12021)
12/12/20	2/12/21	Sanitary Sewer 6 Television (12049)

C. Permit / Plan Status

1. America’s Water Infrastructure Act (AWIA) of 2018 – Risk and Resilience Assessment due 6/30/21, Emergency Response Plan due 12/30/21
2. Barwood WWTP No. 1 – TPDES Discharge Permit 10876-001
Issued: 7/18/2017 Expires: **3/1/2022** Start permit renewal on **3/1/2021**
3. Barwood WWTP #1 - Storm Water Pollution Prevention Permit (SWPPP)
Issued: 8/14/2016 Expires: **8/14/2021** Start permit renewal on **8/14/2020**
4. Hastings Green WWTP No. 2 - TPDES Permit No. 10876-002
Issued: 7/6/2017 Expires: **3/1/2022** Start permit renewal on **3/1/2021**
5. Hastings Green WWTP No. 2 - Storm Water Pollution Prevention Permit (SWPPP)
Issued: 8/14/16 Expires: **8/14/2021** Start permit renewal on **8/14/2020**
6. Water Conservation Plan (WCP)
Next Plan Update due: **5/1/2024**
7. Drought Contingency Plan (DCP)

Next Plan Update due: **5/1/2024**

8. TCEQ Emergency Preparedness Plan
Approved by TCEQ: 4/26/10, submitted to the County Judge, Public Utility Commission, Texas Department of Emergency Management and the Harris County Office of Emergency Management.

D. Miscellaneous Projects

1. Buildout Projections & System Capacity – We are conducting an Alternative Capacity Study to determine the maximum number of connections that the water system can service.
2. Magellan Pipeline Easement – Assigned 8/9/18. Awaiting as-built plans of pipeline construction to access future detention pond expansion options
3. NHCRWA – Phase II Water Distribution Route Study is underway by the Authority.
4. Capital Improvement Plan (CIP) – Updated and presented at the 2/19/20 meeting.
5. Bond Issue #19 – The proposed projects and opinion of probable costs are shown on the attached excel file.

ACTION ITEM – Review proposed projects and costs and authorized completion of Bond Issue No. 19 Engineering Report

E. Utility Commitments / Site Plan Reviews / Utility Requests

1. Tract 4C-1, 0.9642 acres, 3,530 SF Retail – 2/5/20 Requested 1 ESFC
2. Tract 4N2 – 0 Glenora, 3.1077 acres proposed townhomes – Request on 5/29/19 for utility info from Eric Lien with Mission Engineering, acting as agent for the owner. Previous contact info was the Developer is Drew Patel Development, engineer was J. L. Trevino
3. Tract 8A6 – SE Corner of Huffmeister Road and White Oak Landing – Owner is NTV Group, designer is J.L. Trevino. Requesting utility capacity for 2 shell retail buildings, 11,925 SF of retail space, 1,089 gpd Water and 838 gpd Wastewater.
4. Tract 11B – Michoacani Meat Market & Shopping Center 13867 Cypress N Houston, just west of Cypress Junction Shopping Center. 11,000 SF Meat Market & 4,000 SF Shopping Center, 13.5 ESFC, 5,528 gpd Water and 4,253 gpd Wastewater.
5. Tract 17I (NW corner Huffmeister & Birdcall) - proposed Gas Station, Retail Center and Convenience Store. Vantani Consulting Engineers, Prasad Maragani, P.E.

6. Tract 17K3 – Southeast corner of Birdcall & Huffmeister Road, 240-unit apartment complex. Utility commitment requested by Johnathan Rosen with The Interfin Companies on 5/17/19.
7. Tract 19C4 - 3.263 ac Business Park (9 Buildings) located on east side of Huffmeister just north of Tuckerton – Proposed 40,000 SF business park buildings, 13.4 ESFC, 5,487 gpd Water, 4,221 gpd wastewater, Refugio Trejo, P.E. design engineer, Owner is Plaza On Huffmeister, LP.
8. Tract 19E – Industrial Business Park – A 108,280 SF Office/Warehouse Building is proposed within #61 requiring 16.9 ESFC or 5,492 gpd of water service from #61. A 92,800 SF & 66,980 SF building are proposed within HCMUD #188.
9. Tract 25A-C (NW corner of FM 1960 & Jones Road) Wingfield Partners, potential redevelopment of Bank Tract and relocation of detention pond. Tract 25A Proposed Fast Food Restaurant requesting Utility Capacity Letter, Ray Alcala w/ Jones & Carter Engineers. Reviewed plans and sent comments.
10. Tract 36F - 1.5628 acres south of Foxburo Drive & east side N. Eldridge Parkway. Plaza North Eldridge LLC is the owner and on 2/22/18 they requested 2,500 gpd capacity for a 17,032 SF Retail Center.

F. Potential Annexations

1. Proposed Annexation Tract 61 - 11003 Jones Road, a 2.4622-acre Tract, located just west of Apple Dentist - The Owner/Developer is Drew Patel with Patel-Tex, Inc. The landowner made a presentation to the Board on 7/20/16. The Owner's engineer, Catalyst Group, had previously requested Utility Capacity for a 2-story Motel with Commercial Kitchen and Banquet Hall, which was granted. The landowner paid the annexation study fee in March 2019. The engineering annexation study was presented to the Board at the 4/17/19 Board meeting.
2. Proposed Annexation Tract 62 – 11107 Jones Road, a 1.8352-acre tract located on the north side of Chelsea Oaks Drive west of Jones Road within the Crossbend Village Subdivision - HCAD #131-679-001-0001, proposed single-family or townhomes or Doctor Office. The updated Utility Commitment letter was approved at the 7/10/19 Board meeting.
3. Proposed Annexation Tract 63 / 6.96-acre Business Park, 11220 FM 1960 – Owner/developer is ASP 1960 LLC, contact is Josh Rendon, HCAD 0431900000043. Proposed 80-room hotel, 3,000 SF Restaurant, 10,000 SF Retail, Car Wash.

These 3 tracts will be combined into 1 annexation application.

SECTION 4 - SUMMARY OF COSTS
Harris County Fresh Water Supply District No. 61
Bond Issue #19, Series 2020

Construction Cost (1)	Amount	District's <u>Share</u>
A. Developer Contribution Items		
Total Developer Contribution Items	\$0	\$0
B. District Items		
1 Water Plant #1 Rehabilitation	\$760,000	\$760,000
2 Water Plant #2 Rehabilitation	\$1,423,000	\$1,423,000
3 Water Plant #3 Rehabilitation	\$450,000	\$450,000
4 Water Plant #4 Rehabilitation	\$803,000	\$803,000
5 Water Distribution System Rehabilitation	\$1,200,000	\$1,200,000
6 Sanitary Sewer Rehabilitation	\$2,000,000	\$2,000,000
7 Lift Station Rehabilitation	\$323,000	\$323,000
8 WWTP #1 (Barwood) Rehabilitation	\$2,087,000	\$1,434,813
9 WWTP #2 (Hastings) Rehabilitation	\$2,595,000	\$1,232,625
10 Storm Water Detention Pond System	\$200,000	\$200,000
11 <u>Administration Building Parking Lot Expansion</u>	<u>\$240,000</u>	<u>\$240,000</u>
Construction Subtotal	\$12,081,000	\$10,066,438
12 Contingencies (10%)	\$1,208,100	\$1,208,100
13 <u>Engineering (22%)</u>	<u>\$2,657,820</u>	<u>\$2,657,820</u>
Total District Items	\$15,946,920	\$13,932,358
TOTAL CONSTRUCTION & ENGINEERING COSTS		\$13,932,358
<u>NON-CONSTRUCTION COSTS</u>		
A. Legal Fees (1)		\$305,000
B. Fiscal Agent Fee (2)		\$190,000
C. Bond Discount (3%)		\$450,000
D. Bond Issuance Expenses		\$35,642
E. Bond Application Report Costs		\$40,000
F. TCEQ Review Fee (0.25%)		\$37,500
G. <u>Attorney General's Fee (0.10% up to \$9,500 max)</u>		<u>\$9,500</u>
TOTAL NON-CONSTRUCTION COSTS		\$1,067,642
BOND ISSUE REQUIREMENT (BIR)		\$15,000,000



**Lockwood, Andrews
& Newnam, Inc.**

A LEO A DALY COMPANY

March 30, 2020

Board of Directors
Harris County Fresh Water Supply District No. 61
13205 Cypress-N. Houston Road
Cypress, Texas 77429

RE: Engineer's Recommendation of Award
Wortham Falls Detention Pond Improvements
Harris County Fresh Water Supply District No. 61
LAN Project No. 120-12188-000-600 (1.01)

Dear Directors:

On March 24, 2020, four bids were received for the above referenced work. The bids are listed below, and the three lowest bids are shown in detail on the attached bidder's tabulation.

<u>Contractor</u>	<u>Base Bid</u>	<u>Calendar Days</u>
Complete Concrete	\$109,360.00	75
Scott Sitework, LLC	\$109,666.26	65
Rally Construction, Inc.	\$122,558.00	75
Environmental Allies, Inc.	\$156,134.50	30

Based on our review of the low bidder's experience, references, and financial statement, I recommend that the District award the contract to Scott Sitework, LLC for the bid amount of \$109,666.26 and 65 calendar days' construction time. The Engineer's opinion of probable construction cost was \$100,000.00.

The source of funds is the SPA Account. If there are any questions, please feel free to contact me directly at 713-821-0336.

Sincerely,

Chelsea R. Bretz, P.E.
Project Engineer

CRB:ls

Attachment

cc: TCEQ - Region 12 Office

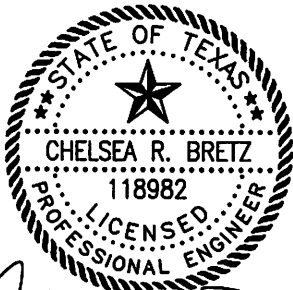
BID TABULATION
HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
BID OPENING: 1:00 P.M., TUESDAY, MARCH 24, 2020
WORTHAM FALLS DETENTION POND IMPROVEMENTS
LAN PROJECT NO. 120-12188-000-500

				BID NO. 1		BID NO. 2		BID NO. 3	
				Complete Concrete 10330 Lake Road, Suite E Houston, TX 77070 Phone: 832-513-5583 Fax:		Scott Sitework, LLC 21419 Crested Valley Dr. Richmond, TX 77407 Phone: 832-640-7222 Fax:		Rally Construction, Inc. 20815 Sedona Ranch Ln. Spring, TX 77388 Phone: 281-253-4035 Fax: 281-528-7415	
ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	Excavation of Drainage Swales including Grading and Shaping of Basin in Accordance with the Grading Plan, Complete in Place	CY	1,086	\$5.00	\$5,430.00	\$15.75	\$17,104.50	\$15.00	\$16,290.00
2	Earth Embankment to Lines and Grades as Shown on Grading Plans, Complete in Place	CY	598	\$5.00	\$2,990.00	\$39.21	\$23,447.58	\$24.00	\$14,352.00
3	Hauling of Excess Excavated Material to be Disposed of Off-Site, As Directed by Engineer	CY	244	\$15.00	\$3,660.00	\$12.81	\$3,125.64	\$30.00	\$7,320.00
4	Hauling of Excess Excavated Material to be Disposed of at Hastings Green Waste Water Treatment Plant, As Directed by Engineer	CY	244	\$10.00	\$2,440.00	\$11.68	\$2,849.92	\$25.00	\$6,100.00
5	Backslope Swale Interceptor Structure, Including 24-Inch HDPE Outfall Pipe, Complete in Place	EA	2	\$10,000.00	\$20,000.00	\$7,875.00	\$15,750.00	\$8,500.00	\$17,000.00
6	Adjusting Manhole to Grade, As Directed by Engineer, Complete in Place	EA	2	\$2,000.00	\$4,000.00	\$282.50	\$565.00	\$250.00	\$500.00
7	6-Foot Wide Concrete Pilot Channel, Complete in Place	SY	102	\$100.00	\$10,200.00	\$68.63	\$7,000.26	\$100.00	\$10,200.00
8	Hydromulch Seeding, Complete in Place	AC	4.5	\$3,000.00	\$13,500.00	\$2,580.00	\$11,610.00	\$2,200.00	\$9,900.00
9	Implementation, Maintenance, and Removal of Storm Water Pollution Prevention Plan, Complete in Place	LS	1	\$3,000.00	\$3,000.00	\$4,705.00	\$4,705.00	\$5,000.00	\$5,000.00
10	Implementation, Maintenance, and Removal of Stabilized Construction Entrance/Exit, Complete in Place	EA	3	\$2,500.00	\$7,500.00	\$1,592.00	\$4,776.00	\$2,500.00	\$7,500.00
11	Implementation, Maintenance, and Removal of Reinforced Filter Fabric Fence, Complete in Place	LF	7,080	\$2.00	\$14,160.00	\$1.90	\$13,452.00	\$2.20	\$15,576.00
12	Implementation, Maintenance, and Removal of Inlet Protection, Complete in Place	EA	16	\$150.00	\$2,400.00	\$66.25	\$1,060.00	\$40.00	\$640.00
13	Implementation, Maintenance, and Removal of Concrete Truck Washout Area, Complete in Place	LS	1	\$500.00	\$500.00	\$720.00	\$720.00	\$500.00	\$500.00
14	Implementation, Maintenance, and Removal of Rock Filter Dam, As Directed by Engineer, Complete in Place	EA	2	\$2,000.00	\$4,000.00	\$780.00	\$1,560.00	\$1,800.00	\$3,600.00

BID TABULATION
HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
BID OPENING: 1:00 P.M., TUESDAY, MARCH 24, 2020
WORTHAM FALLS DETENTION POND IMPROVEMENTS
LAN PROJECT NO. 120-12188-000-500

ITEM NO.	ITEM DESCRIPTION	UNIT	APPROX. QTY.	BID NO. 1		BID NO. 2		BID NO. 3	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
				BID NO. 1 Complete Concrete 10330 Lake Road, Suite E Houston, TX 77070 Phone: 832-513-5583 Fax:		BID NO. 2 Scott Sitework, LLC 21419 Crested Valley Dr. Richmond, TX 77407 Phone: 832-640-7222 Fax:		BID NO. 3 Rally Construction, Inc. 20815 Sedona Ranch Ln. Spring, TX 77388 Phone: 281-253-4035 Fax: 281-528-7415	
15	Trench Safety System 5' Deep and Greater, Complete in Place	LF	116	\$5.00	\$580.00	\$1.21	\$140.36	\$5.00	\$580.00
16	Site Restoration, Including Removal and Replacement of Damaged Concrete Pavement, Curb and Gutter, Plants, Shrubs, Fences and Trees, As Required	LS	1	\$15,000.00	\$15,000.00	\$1,800.00	\$1,800.00	\$7,500.00	\$7,500.00

TOTAL AMOUNT BID	<u><u>\$109,360.00</u></u>	<u><u>\$109,666.26</u></u>	<u><u>\$122,558.00</u></u>
CALENDAR DAYS:	75	65	75



Chelsea R. Bretz
 3/30/2020

Lockwood, Andrews & Newnam, Inc.
 TBPE Firm No. F-2614

APPLICATION FOR PAYMENT
WATER PLANT NO. 2 RECOATING
OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
LAN PROJECT NO. 120-12134-000-600 (6.8)
CONTRACTOR: PARADALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO.: 1 PERIOD: 01/30/20 TO 03/25/20
APPLICATION DATE: 03/30/20

CONTRACT TIME

Contract Date: 12/18/19
Notice to Proceed: 01/30/20
Contract Calendar Days & Approved Time Extensions: 150
Calendar Days to Date: 55
Percent Time Used: 37%
Percent Complete: 18%

CONTRACT COST

Original Contract Amount: \$ 367,660.00
Net Change Orders (See attached Change Order Summary): \$ -
Current Contract Amount: \$ 367,660.00
Work Complete to Date: \$ 66,730.00
Less Amount Retained (10%): \$ (6,673.00)
Less Previous Payment to Contractor: \$ -
AMOUNT DUE THIS PAYMENT: \$ 60,057.00

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that: (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment numbered 1 thru 1 inclusive; (2) title to all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interest and encumbrances (except such as are covered by Bond acceptable to OWNER indemnifying OWNER against any such lien, claim, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective as that term is defined in the Contract Documents.

CONTRACTOR: Paradalis industrial Enterprises, Inc.

By: _____ Date: _____

ENGINEER: Lockwood, Andrews & Newnam, Inc.

By: Kenrick Piercy, P.E. Date: _____

APPROVED BY: Harris County Fresh Water Supply District No. 61

By: Ben Solis, President Date: _____

APPLICATION FOR PAYMENT
WATER PLANT NO. 2 RECOATING
OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
LAN PROJECT NO. 120-12134-000-600 (6.8)
CONTRACTOR: PARADALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO. 1
APPLICATION DATE: 03/30/20

PERIOD: 01/30/20 TO 03/25/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
1	Mobilization	LS	1	1	0	1	\$15,000.00	\$15,000.00
2	Surface Preparation of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 1 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0	0	0	\$26,500.00	\$0.00
3	Coating of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 1 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0	0	0	\$26,500.00	\$0.00
4	Surface Preparation of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 1, Including Abrasive Blasting, Complete in Place	LS	1	1	0	1	\$30,500.00	\$30,500.00
5	Coating of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 1, Complete in Place	LS	1	0.66	0	0.66	\$30,500.00	\$20,130.00
6	Miscellaneous Items for 250,000-gallon Ground Storage Tank No. 1, Including Surface Preparation and Coating of Interior Ladder and Bolts for Manway, Disinfection, Complete in Place	LS	1	0.5	0	0.5	\$2,200.00	\$1,100.00
7	Surface Preparation of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 2 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0	0	0	\$26,500.00	\$0.00
8	Coating of Exterior Surfaces of 250,000-gallon Ground Storage Tank No. 2 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0	0	0	\$26,500.00	\$0.00
9	Surface Preparation of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 2, Including Abrasive Blasting, Complete in Place	LS	1	0	0	0	\$30,500.00	\$0.00
10	Coating of Interior Surfaces of 250,000-gallon Ground Storage Tank No. 2, Complete in Place	LS	1	0	0	0	\$30,500.00	\$0.00
11	Miscellaneous Items for 250,000-gallon Ground Storage Tank No. 2, Including Surface Preparation and Coating of Interior and Exterior Ladder, Bolts for Manway, and Existing Platform and Handrails Between Ground Storage Tanks; Weep Holes for Platform Between Ground Storage Tanks; Disinfection, Complete in Place	LS	1	0	0	0	\$5,000.00	\$0.00
12	Surface Preparation of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00
13	Coating of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00
14	Surface Preparation of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1, Including Abrasive Blasting, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00

APPLICATION FOR PAYMENT
WATER PLANT NO. 2 RECOATING
OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
LAN PROJECT NO. 120-12134-000-600 (6.8)
CONTRACTOR: PARADALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO. 1
APPLICATION DATE: 03/30/20

PERIOD: 01/30/20 TO 03/25/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
15	Coating of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 1, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00
16	Miscellaneous Items for 27,000-gallon Hydropneumatic Tank No. 1, Including Bolts for The Manway; Disinfection, Complete in Place	LS	1	0	0	0	\$1,000.00	\$0.00
17	Surface Preparation of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2 and Corresponding Exterior Tank Appurtenances, Including Abrasive Blasting, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00
18	Coating of Exterior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2 and Corresponding Exterior Tank Appurtenances, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00
19	Surface Preparation of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2, Including Abrasive Blasting, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00
20	Coating of Interior Surfaces of 27,000-gallon Hydropneumatic Tank No. 2, Complete in Place	LS	1	0	0	0	\$4,750.00	\$0.00
21	Miscellaneous Items for 27,000-gallon Hydropneumatic Tank No. 2, Including Bolts for Manway; Disinfection, Complete in Place	LS	1	0	0	0	\$1,000.00	\$0.00
22	Surface Preparation and Coating, Including Abrasive Blasting, of All Existing Above Ground Piping, Booster Pump Piping and Well Header Piping, Including Valves, Complete in Place	LS	1	0	0	0	\$14,000.00	\$0.00
23	Surface Preparation and Coating of Existing Generator Enclosure, Including Pressure Washing and Sanding, Complete in Place	LS	1	0	0	0	\$2,500.00	\$0.00
24	Surface Preparation and Coating of Existing Transformer, Including Pressure Washing and Sanding, Complete in Place	LS	1	0	0	0	\$1,300.00	\$0.00
25	Surface Preparation and Coating of Existing CMU Booster Pump Building, Including Doors, Trim, and Bollards to Match Existing, Complete in Place	LS	1	0	0	0	\$11,000.00	\$0.00
26	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 1, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
27	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 1, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
28	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 2, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
29	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 2, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00

APPLICATION FOR PAYMENT
 WATER PLANT NO. 2 RECOATING
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12134-000-600 (6.8)
 CONTRACTOR: PARADALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO. 1
 APPLICATION DATE: 03/30/20

PERIOD: 01/30/20 TO 03/25/20

ITEM NO.	ITEM DESCRIPTION	UNIT	CONTRACT QUANTITY	COMPLETED			CONTRACT UNIT PRICE	AMOUNT
				THIS EST.	PREVIOUS	TO DATE		
30	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 3, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
31	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 3, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
32	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 4, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
33	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 4, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
34	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 5, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
35	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 5, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
36	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 6, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
37	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 6, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
38	Surface Preparation of Exterior Surfaces of Aerial Water Line Crossing No. 7, Including Power Washing and Spot Repair, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
39	Coating of Exterior Surfaces of Aerial Water Line Crossing No. 7, Including all Valves, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00
40	Steel Patches Welded Over Damaged Areas Due to Blasting, 6-Inch Diameter Patch, As Directed by Engineer, Complete in Place	EA	25	0	0	0	\$144.00	\$0.00
41	Site Restoration, Including Sodding of Disturbed Areas, Complete in Place	LS	1	0	0	0	\$3,000.00	\$0.00

TOTAL WORK COMPLETED TO DATE \$66,730.00

APPLICATION FOR PAYMENT
 WATER PLANT NO. 2 RECOATING
 OWNER: HARRIS COUNTY FRESH WATER SUPPLY DISTRICT NO. 61
 LAN PROJECT NO. 120-12134-000-600 (6.8)
 CONTRACTOR: PARADALIS INDUSTRIAL ENTERPRISES, INC.

APPLICATION NO.
 APPLICATION DATE

1
03/30/20

PERIOD: 01/30/20 TO 03/25/20

Legend
 = Calendar Days X = Non-Working Days

Month	Days															
Jan, 2020	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30-NTP	31	
Feb	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
29	17	18	19	20	21	22	23	24	25	26	27	28	29			
Mar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
25	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Apr	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	30	
May	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
June	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
July	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Aug	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Sept	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Oct	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Nov	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Dec	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	

Total Days to Date

55

Noted By [Signature]

Contract Time Summary

	<u>Days Used</u>		<u>Days Used</u>
Notice to Proceed	1/30/20	Notice to Proceed	1/30/20
Original Contract Days	150	Previous Calendar Days	0
Previously Approved Non-Working Days Time Extension	0	Calendar Days This Period	55
Approved Non-Working Days Time Extension This Period	0		
Previously Approved Time Extensions by Change Order	0		
Approved Time Extensions This Period by Change Order	0		
Total Contract Calendar Days and Approved Time Extensions	150	Total Days to Date	55
Substantial Completion	6/28/20	Actual Substantial Completion	

CHANGE ORDER

No. 1

PROJECT Water Plant No. 3 Recoating

DATE OF ISSUANCE March 18, 2020 EFFECTIVE DATE March 18, 2020

OWNER: HCFWSD No. 61 CONTRACTOR Pardalis Industrial Enterprises, Inc.

ENGINEER's Project No. 120-12134-000-600 ENGINEER: Lockwood, Andrews & Newnam, Inc.

You are directed to make the following changes in the Contract Documents.

- | | |
|---|-------------------|
| <u>New Bid Item 42</u> – Remove and Replace Foundation Sealant for Ground Storage Tank No. 1 and Ground Storage Tank No. 2, Complete in Place –
2 EA @ \$3,000.00 per EA = | \$6,000.00 |
| <u>New Bid Item 43</u> – Remove and Replace Vent Screens on Ground Storage Tank No. 1 and Ground Storage Tank No. 2, Complete in Place –
4 EA @ \$500.00 per EA = | \$2,000.00 |

TOTAL THIS CHANGE ORDER	<u>\$8,000.00</u>
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REASON FOR CHANGE ORDER: Requested by Owner.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$ <u>367,600.00</u>	Original Contract Times Substantial Completion: _____ Ready for final payment: _____ days or dates
Net changes from previous Change Orders No. ___ to No. \$ <u>N/A</u>	Net change from previous Change Orders No. ___ to No. _____ Days
Contract Price prior to this Change Order \$ _____	Contract Times prior to this Change Order Substantial Completion: _____ Ready for final payment: _____ days or dates
Net Increase (decrease) of this Change Order \$ <u>8,000.00</u>	Net Increase (decrease) of this Change Order _____ Days
Contract Price with all approved Change Orders \$ <u>375,600.00</u>	Contract Times with all approved Change Orders Substantial Completion _____ Ready for final payment: _____ days or dates

CHANGE ORDER

No. 1

PROJECT Water Plant No. 3 Recoating

DATE OF ISSUANCE March 18, 2020 EFFECTIVE DATE March 18, 2020

RECOMMENDED:

APPROVED:

ACCEPTED:

By: [Signature]
F
Lockwood, Andrews, & Newnam, Inc.

By: _____
3y: _____
Ben Solis, President
HCFWSD No. 61

By: _____
Tony Saroukos
Pardalis Industrial Enterprises, Inc.

Date: 03/27/2020

Date: _____

Date: _____



[Signature] 03/27/2020

Lockwood, Andrews & Newnam, Inc.
Texas Registered Engineering Firm
F-2614