

COUNCIL AGENDA STATEMENT

Meeting Date: June 9, 2020  
To: Honorable Mayor and Council Members  
From: Dan Saus, Utility Director  
Through: Charles Lindsey, City Manager



Agenda Item: **Resolution 2020-31** Authorizing A Work Authorization for Reynolds Construction for an emergency upgrade of the Area 4 Air pipeline In An Amount Not To Exceed \$101,622.82.; Authorizing The City Manager To Enter Into Agreements In Connection Therewith, Appropriating And Expending Budgeted Funds; And Providing For An Effective Date

BACKGROUND & JUSTIFICATION:

Resolution 2020-25 was approved May 12, 2020 allowing the City to provide a continuing services contract with Reynolds Construction. This Resolution approves their first work authorization for the emergency upgrade to the Service Area 4 WWTP air piping which supplies air to the plant from the compressor room. The existing piping was found to be corroding from the outside in and failed completely two weeks ago. A temporary repair was completed at the time. The existing piping is buried and has been subjected to extreme conditions of saltwater soaking and drying and re-soaking over the past 10 years. The proposed upgrade places the piping above ground to remove this issue and allow us to do frequent inspections and repairs as needed rather than not knowing until a failure occurs. The proposal is attached as Exhibit "A" which describes the above ground piping to be supplied, constructed and tied-in for an amount not to exceed \$101,622.82.

CONSISTENCY CHECKLIST:

	Yes	No
1. Comprehensive Plan	_____	_____
2. Other –Sewer Mandate	_____	_____

FISCAL NOTE:

The adopted FY20 Wastewater Utility Fund Budget includes appropriations of \$1,625,000 for wastewater capital improvements, however, this specific project was not contemplated when the budget was formulated.

RECOMMENDATION:

Approve Resolution

Sponsored by: Lindsey

**CITY OF MARATHON, FLORIDA  
RESOLUTION 2020-31**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, AUTHORIZING A WORK AUTHORIZATION BASED ON THE CONTINUING SERVICES CONTRACT WITH REYNOLDS CONSTRUCTION FOR THE EMERGENCY UPGRADE OF THE AIR PIPING AT SERVICE AREA 4 WWTP IN AN AMOUNT NOT TO EXCEED \$101,622.82; AUTHORIZING THE CITY MANAGER TO ENTER INTO AGREEMENTS IN CONNECTION THEREWITH, APPROPRIATING AND EXPENDING BUDGETED FUNDS; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, pursuant to Resolution 2020-25, the City Council of the City of Marathon approved a continuing services contract with Reynolds Construction on May 12, 2020, and

**WHEREAS**, the City Staff recommends approval of a work authorization for the Emergency Upgrade of Air Piping at Service Area 4 WWTP, and

**WHEREAS**, the City wishes to approve the contract with Reynolds Construction for the work as described on attached Exhibit "A" in an amount not to exceed \$101,622.82,

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THAT:**

**Section 1.** The above recitals are true and correct and incorporated herein.

**Section 2.** The City's purchasing policies and procedures are hereby waived and the City Council hereby authorizes the City Manager to execute any agreements in connection, in substantially the same form and format as attached hereto as Exhibit "A" and expend budgeted funds on behalf of the City.

**Section 3.** This resolution shall take effect immediately upon its adoption.

**PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA THIS 9<sup>th</sup> DAY OF JUNE, 2020.**

**THE CITY OF MARATHON, FLORIDA**

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**Steve Cook, Mayor**

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

**ATTEST:**

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Diane Clavier, City Clerk


(City Seal)

**APPROVED AS TO FORM AND LEGALITY FOR THE USE  
AND RELIANCE OF THE CITY OF MARATHON, FLORIDA ONLY:**

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City Attorney

## EXHIBIT "A"

	<b>Reynolds Construction</b> 300 East Broad St Fairburn, GA 30213	CHANGE PROPOSAL SUMMARY NO: 37																																																																																									
PROJECT NAME: <u>Marathon Area 3 &amp; 4</u>	PROJ. NO.: <u>43800</u>																																																																																										
LOCATION: <u>Marathon, FL</u>	DATE: <u>05/22/20</u>																																																																																										
OWNER: <u>City of Marathon</u>	DRAWING NO.: _____																																																																																										
ENGINEER: <u>WEC</u>	SPEC. SECTION: <u>0</u>																																																																																										
<b>REFERENCE</b> PCO NO.: <u>037</u> FIELD DIRECTIVE NO.: <u>N/A</u> RFI NO.: <u>N/A</u> OTHER: _____																																																																																											
<b>DESCRIPTION:</b> - Removal of 8" UG DI Air Pipe (x2) - Placement of two (2) 8" Air Lines as Per Walk on 5.21.20 with the City of Marathon and Outlined in Attached Perspective Drawing. - This proposal does not include: Filling existing air pipe with grout. Reynolds shall utilize the City of Marathon's telehandler. Reynolds will not supply as-builts to WEC as all piping is exposed. Electrical is by Owner (exit sign).																																																																																											
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**New 8" DI Flanged Pipe to Connect to the Existing Tee that is Rotated.**

**Move Existing 8" Valve to New Location - Valve #2**

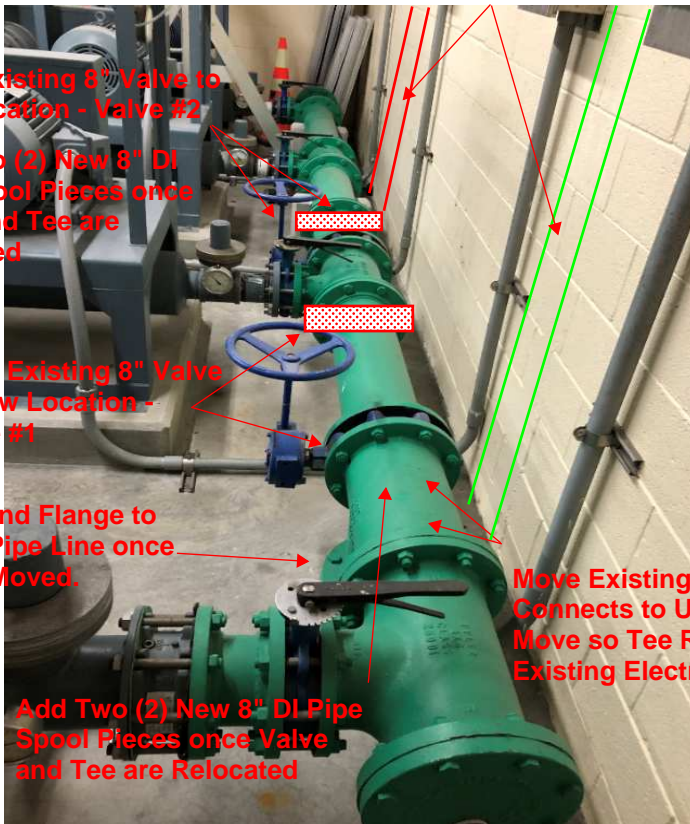
**Add Two (2) New 8" DI Pipe Spool Pieces once Valve and Tee are Relocated**

**Move Existing 8" Valve to New Location - Valve #1**

**Add Blind Flange to UG DI Pipe Line once Tee is Moved.**

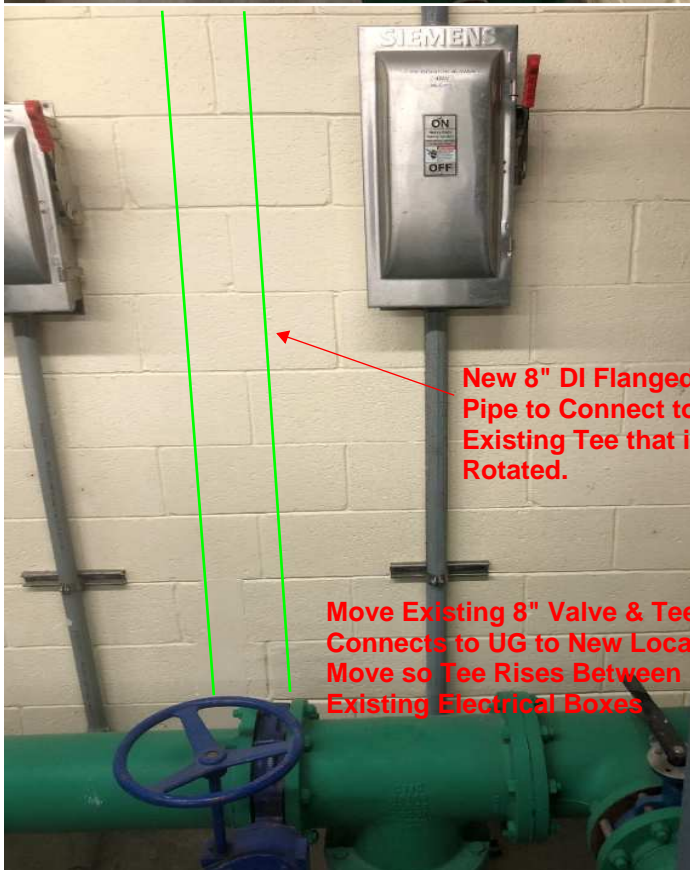
**Add Two (2) New 8" DI Pipe Spool Pieces once Valve and Tee are Relocated**

**Move Existing 8" Tee that Connects to UG to New Location. Move so Tee Rises Between Existing Electrical Boxes**



**New 8" DI Flanged Pipe to Connect to the Existing Tee that is Rotated.**

**Move Existing 8" Valve & Tee that Connects to UG to New Location. Move so Tee Rises Between Existing Electrical Boxes**





**Move Existing 8" Tee  
& Valve to New  
Location - Valve #1**

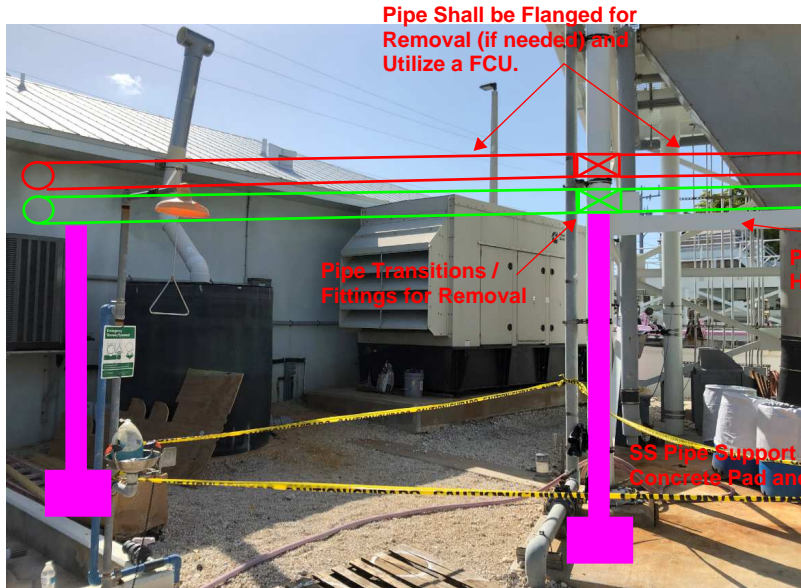
**Work with Nearshore Electric to  
Relocate & Re-Mount EXIT Sign**



**Both Pipe Shall be  
Mounted and Bracketed  
to the Wall**

**- (Mount on CMU  
Grouted Cells or with  
Expandable Epoxy  
Anchors)**





Pipe Shall be Flanged for Removal (if needed) and Utilize a FCU.

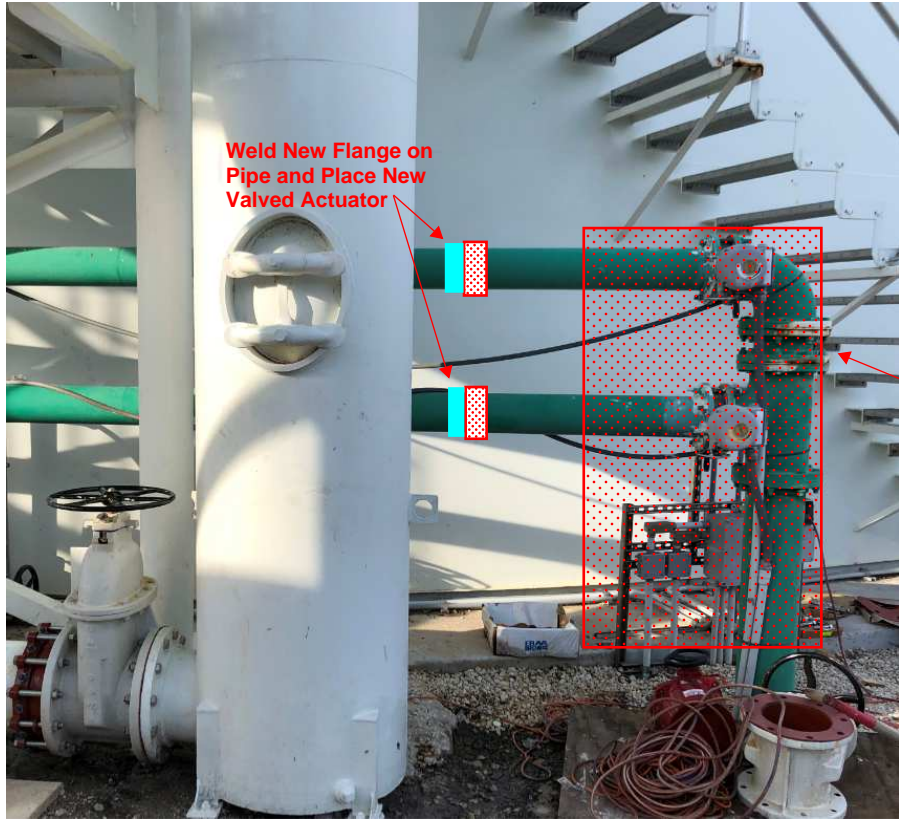
Pipe Transitions / Fittings for Removal

Place Pipe Above Platform Horizontal Support

SS Pipe Support (typ 4) with Concrete Pad and SS Anchors





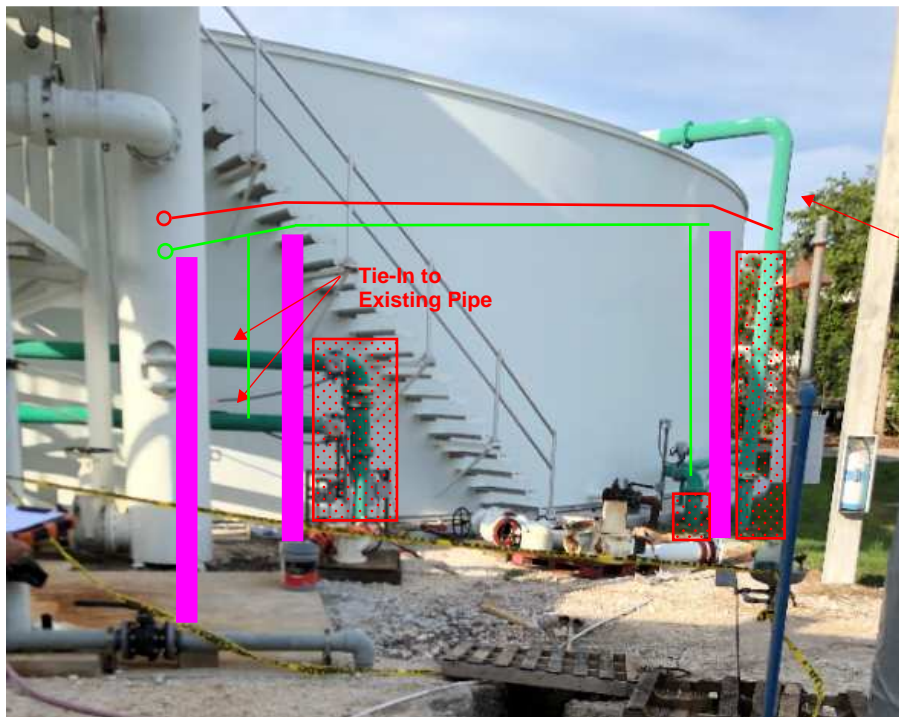


Weld New Flange on Pipe and Place New Valved Actuator

Demo all Pipe and Cap Existing Pipe Underground

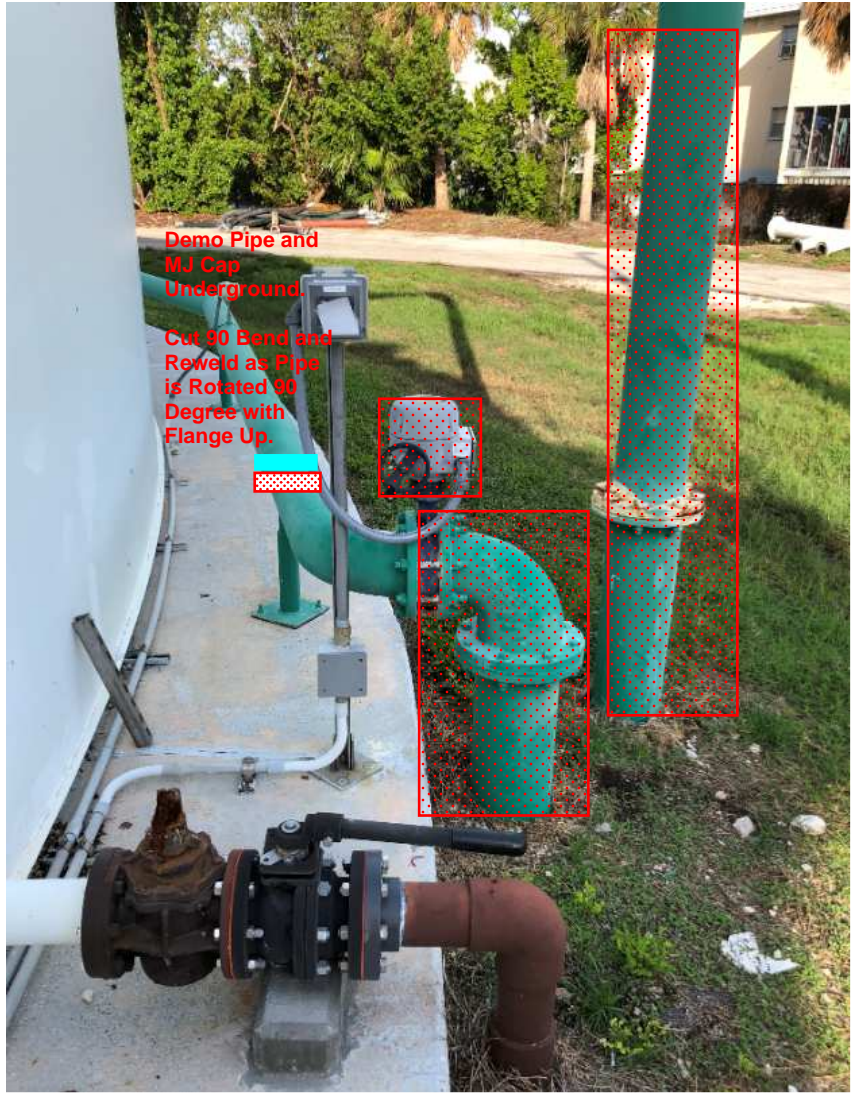
Electrical Shall Remain and Be Reused to New Actuators.

Electrical by Owner.



Tie-In to Existing Pipe

Tie-In to Existing Digester Pipe



Demo Pipe and MJ Cap Underground.

Cut 90 Bend and Reweld as Pipe is Rotated 90 Degree with Flange Up.

Tie-In to Existing Digester Pipe - Above Demo and Utilize (1) Pipe Support.



8" DI FxF Pipe - 8'	2	EA									
Nearshore - Move Exit Sign	1	LS									
8" DI FxPE Pipe - 3'	2	EA									
Core Drill	1	EA		\$ 650.00	\$ 650.00						\$ 650.00
Link Seal - SS	1	EA		\$ 165.00	\$ 165.00						\$ 165.00
Grout	1	EA		\$ 25.00	\$ 25.00						\$ 25.00
Flanged Coupling Adapter (SS / EPDM)	1	EA									
8" DI FxF Pipe - 6'	1	EA									
8" DI FxF Pipe - 2'	1	EA									
8" FL 22.5 Bend	2	EA									
8" FL 90 Bend	1	EA									
8" DI FxF Pipe - 3'	1	EA									
8" FL Tee Bend	1	EA									
8" DI FxF Pipe - 2.5'	1	EA									
Flanged Coupling Adapter (SS / EPDM)	1	EA									
Welder - Tenacious	4	HR				\$ 145.00	\$ 580.00				\$ 580.00
Flange1 - Steel Weld Neck	1	EA		\$ 136.45	\$ 136.45						\$ 136.45
8" DI FxF Pipe - 6'	1	EA									
8" FL 45 Bend	1	EA									
8" DI FxF Pipe - 12'	1	EA									
8" FL 90 Bend	2	EA									
8" DI FxF Pipe - 5'	1	EA									
Flanged Coupling Adapter (SS / EPDM)	1	EA									
8" x 6" FL Reducer	1	EA									
- 8" BNG - 316 SS FF EPDM	29	EA									
- 6" BNG - 316 SS FF EPDM	2	EA									
8" DI MJ Cap	3	EA									
8" MJ Retainer, Gland & Pack	3	EA									
Pipe Materials - Lump Sum	1	LS		\$ 26,429.00	\$ 26,429.00						\$ 26,429.00
Valve Materials - Lump Sum	1	LS		\$ 6,575.00	\$ 6,575.00						\$ 6,575.00
Paint Materials											
- TNEMEC & Paint Materials	1	LS		\$ 475.00	\$ 475.00						\$ 475.00
- Misc Paint Materials	1	LS		\$ 125.00	\$ 125.00						\$ 125.00
Wall Brackets / Pipe Stands											
- Inside Building	4	EA		\$ 268.00	\$ 1,072.00						\$ 1,072.00
- Anchors & U-Bolts	12	EA		\$ 24.00	\$ 288.00						\$ 288.00
- Outside Building	4	EA		\$ 1,868.00	\$ 7,472.00						\$ 7,472.00
- Welder - Tenacious	8	HR				\$ 145.00	\$ 1,160.00				\$ 1,160.00
- Concrete Pad	4	EA		\$ 125.00	\$ 500.00						\$ 500.00
- Anchors	16	EA		\$ 8.00	\$ 128.00						\$ 128.00
- Grout	4	EA		\$ 25.00	\$ 100.00						\$ 100.00
- Epoxy & Nozzles	4	EA		\$ 45.00	\$ 180.00						\$ 180.00
Engineering & Other (JV)											
- Engineering - Initial	1	LS		\$ 600.00	\$ 600.00						\$ 600.00
- Drawings & Workability	1	LS		\$ 1,875.00	\$ 1,875.00						\$ 1,875.00

<b>Labor for Installation</b>													
Mobilize, Unload & Stage													
- Project Engineer	8	HR	65.11	\$ 520.88									\$ 520.88
- Foreman	8	HR	82.39	\$ 659.12									\$ 659.12
'8" Blower Line - Route #1 (Closest to Door)													
- Field Engineer	24	HR	65.11	\$ 1,562.64									\$ 1,562.64
- Foreman	24	HR	82.39	\$ 1,977.36									\$ 1,977.36
- Laborer	24	HR	58.24	\$ 1,397.76									\$ 1,397.76
'8" Blower Line - Digester													
- Field Engineer	32	HR	65.11	\$ 2,083.52									\$ 2,083.52
- Foreman	32	HR	82.39	\$ 2,636.48									\$ 2,636.48
- Laborer	32	HR	58.24	\$ 1,863.68									\$ 1,863.68
Wall Brackets													
- Field Engineer	6	HR	65.11	\$ 390.66									\$ 390.66
- Foreman	10	HR	82.39	\$ 823.90									\$ 823.90
- Laborer	6	HR	58.24	\$ 349.44									\$ 349.44
Pipe Supports (Concrete Pad, Erection, Grout)													
- Field Engineer	24	HR	65.11	\$ 1,562.64									\$ 1,562.64
- Foreman	24	HR	82.39	\$ 1,977.36									\$ 1,977.36
- Laborer	24	HR	58.24	\$ 1,397.76									\$ 1,397.76
Paint													
- Field Engineer	16	HR	65.11	\$ 1,041.76									\$ 1,041.76
- Foreman	16	HR	82.39	\$ 1,318.24									\$ 1,318.24
Equipment													
- Pipe Lift	1	EA								\$ 365.00	\$ 365.00	\$ 365.00	
- Other	1	EA								\$ 833.00	\$ 833.00	\$ 833.00	
<b>TOTALS</b>		MH	0	\$ 21,563.20			\$ 47,908.35			\$ 4,060.00		\$ 1,198.00	\$ 74,729.55