# EXHIBIT "A"

# Contract Quantity Adjustment/Change Order

ROUND ROCK IT WAS

Department:	Utilities & I	Environmeental Services			
Project					
Name:	Round Rock WTP	& Lake Georgetown Pump & Pum	np Modifications	Date: <u>1</u>	0/15/19
City Project			Cha	nge Order/Quantity	
ID Number	1805			Adjustment No	1
Vendor	T.Morales Company Electri		PO Box 859		254-793-4344
W -4167 - 41 - 1	Company Nar	me	Address		Phone No.
	•	rimary service at Raw Water Pum fied loads at building No 1 and Bu			*
SUMMARY			0.00	Amount	% Change
Original Contrac	t Price:			\$6,233,999.94	
Previous Quantit	ty Adjustment(s):		g		
This Quantity Ac	ljustment:				
Total Quantity A	djustment(s):			\$0.00	
Total Contract P	rice with Quantity Adjustment(s	):		\$6,233,999.94	
Previous Change	e Order(s):			\$0.00	0%
This Change O	rder:			\$85,621.00	1%
Adjusted Contra	Order(s) To Date: act Price [Original Contract Pr ment(s) Plus Change Order(s)]:	rice Plus	Г	\$85,621.00	1%
		art Driver	L	\$6,319,620.94	
	een Original and Adjusted Contr	act Prices:	-	\$85,621.00	
Original Contract			33	35	
-	t by previous Quan. Adj./Chang		0		
-	t by this Quan. Adj./Change Ord	ier:	90		
New Contract Ti	me:		42	25	
	hall	Submitted for A	Approval		
Prepared By:	KIN Sul	Randy M. Eldridge			0/15/19
SHIP DISEASO	Menature	Printed Name, Tit			ate
	11.01	Approval	IS		
Contractor:	KMEN	Randy M. Eldridge	e / COO / TMC	1	0/15/19
	Signature	Printed Name, Tit	tle, Company	D	ate
City Project Manager:	Sel	JEFF BO	L. P.M.	10.	17.19
Mayor/City Manager	Signature	Printed Name, Tit			ate
· · · · · · · · · · · · · · · · · · ·	Signature	Printed Name, Tit	tle	C	ate



# **Contract Quantity Adjustment/Change Order**

Project Name: Round Rock WTP & Lake Georgetown Pump & Pump Modifications

Quan. Adj./Change Order No.:

	Change Order Data									
Item #	Item Description	Unit	Qty.	Unit Price	Amount	Contract Time Adjustment (Days)				
		Participan M	The same of the same of the same of		The state of the s					
1	Revised Electric Bldg Floor Plan & HVAC	1	1	\$0.00	\$0.00	0				
2	WTP Temp Genset Feed & RW 25Kv	1	1	\$81,000.00	\$81,000.00	43				
3					\$0.00					
4					\$0.00					
5					\$0.00					
6	Owner Requested Delay Start Work RWPS Pumps 1-2-3	1	1	\$0.00	\$0.00	47				
7	RWPS Xfmr TX-1 Repair	1	1	\$4,621.00	\$4,621.00	0				
	, .				\$0.00					
					\$0.00					
					\$0.00					
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				TOTALS:	\$85,621.00	90				



# **Contract Quantity Adjustment/Change Order**

Project Name: Round Rock WTP & Lake Georgetown Pump & Pump Modifications

Quan. Adj./Change Order No.: 1

**Quantity Adjustment Data** 

Quantity Adjustment Data								
Bid Item #	Item Description	Unit	Qty.	Unit Price	Amount	Contract Time Adjustment (Days)		
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				TATALA				
				TOTALS:	\$0.00	0		



Project: Round Rock WTP & Lake GT

Pump & Pumps Modifications

Date:

09-24-19

Owner: City of Round Rock

TMC Change #:

**COR-02 Rev 00** 

Project Change #:

N/A

# Change Order Request

Morales Company offers a change in pricing for consideration by the Owner to provide temporary power from the Emergency Generator Switchgear to Building 1 for Emergency backup.

The work to be performed is stated as followed:

# Water Treatment Plant - Temporary Generator Feed Bldg 1 & 2:

T. Morales Company will install gty 3 - parallel sets of 3 ½" conduits in Sch 40 PVC from the existing Generator Dist Panelboard DS-G to the existing emergency Terminal box located outside of Building No. 1 that consists of gty 3 - 500 mcm cables with 2/0 ground. TMC will then disconnect the existing Bldg 1 Temp feeders from the main break at the existing DS-G Dist Switchboard and terminate the new temporary feeders to the Existing Building one Dist Switchboard DS-5 MCB. TMC will then disconnect the existing generator feeders at the existing Building No 1 DS-5 switchboard and terminate the new temporary feeders to the load side of the MCB.

T. Morales Company will then install qty 2 - parallel sets of 3 ½" conduits in Sch 40 PVC from the existing generator terminal box at building No 1 located outside of Building No. 1 that consists of qty 2 - 500 mcm cables with 2/0 ground. TMC will then disconnect the existing Bldg 2 generator feed feeders from the main breaker at the existing DS-6 Dist Switchboard and DS-5 located outside of building No. 2 and terminate the new temporary feeders to the Existing Building one Dist Switchboard DS-5 spare breaker MCB to feed existing switchboard DS-6 in the event of normal power fail. TMC will then disconnect the existing generator feeders at the existing Generator Dist Switchboard DS-G.

After the temporary generator bypass feeders referenced above are installed it will allow TMC to demo the existing as shown on sheet 20DE01 and provide for limited emergency generator backup power to both existing buildings 1 & 2 based upon a manual load shed scheme.

#### Lake Georgetown Raw Water - Building No. 1 25KV Primary Feeders:

T. Morales Company will demo out the existing 25Kv primary feeders from the fused cut out switches located at the Utility pole to the existing 1,000Kva pad mount transformer TX-1 as shown on sheet 30E07. TMC will then install new 25Kv primary conductors from the existing pad mount transformer TX-1 to the fused cut out switches located on the primary utility pole cross arms assembly. TMC will then provide and install new RayChem 25Kv outdoor stress-cone terminations at the utility pole fused cutout assembly and make required terminations. TMC will provide and install qty 3 25Kv load break elbow terminations at the existing Pad Mount Transformer TX-1 primary compartment. TMC will provide e and install qty 3 25KV Raychem Loadbreak Surge Arrestors at the existing pad mount transformer TX-1. This change order pricing assumes the existing pole mounted fused cutouts and arrestors can be reused.

Total cost for the additional work associated with this change is \$81,000.00.

#### **Extension in Time Request:**

Submittals and approvals: 0 weeks. Lead time for procurement: 3 weeks. Approx time for installation: 3 weeks Total 6 weeks

Change Prepared By: Randy M. Eldridge / TMC Change Initiated By: <u>Jeff Bell / CORR</u>

Change Delivered To: George Luke / Gupta Response Rgst'd By: ASAP

Carbon Copy To: Josh Wharton / TMC

PO Box 859 Florence, Texas 76527 Phone: 254-793-4344

601 South Patterson Avenue Florence, Texas 76527 Fax: 254-793-3044

JOB 1372 2019-RME: 2019 Randy's Jobs ... ESTIMATE 2 201928: 201928 CORR WTP & ... DATA SET 9 TMC WTP - NECA dataset

DATE 9/24/2019 3:57:29 PM

Bid: #1 - COR01 - Temp Pwr Feed T Morales Company PO Box 859

Florence, Tx 76527 254-793-4344 / 254-793-3044 reldridge@moralescompany.com

Index	Description	reldridge@moralesco Reference Type	Reference	Ref Amount	Operation	Rate	Amount
1	MATERIALS / QUOTES:	Reletice Type	Reference	Rei Amount	Operation	ixate	0.00
2	Misc Materials:	Matarial	Total	40,814.77	*	1.00	40,814.77
		Material	iotai		*		355.00
3	Fenceing Material	Calculated		355.00	*	1.00	
4	Quote #2	Calculated		0.00		1.00	0.00
5	SUBTOTAL						41,169.77
6	######################################		T-1-1	40.044.77	0/		0.00
7	SALES TAX:	Material	Total	40,814.77	%		0.00
8	SUBTOTAL						0.00
9	#######################################						0.00
10	LABOR:				2	40.00	0.00
11	Straight Time Labor	Labor	Total	390.63	•	46.22	18,055.15
12	Overtime Labor	Calculated		0.00	•	69.33	0.00
13	Exec Order 13706 Hours	Labor	Total	390.63	•		0.00
14	Exec Order 13706 Rate	Component	13	0.00	*	46.22	0.00
15	Gen Foreman Hours	Labor	Total	390.63	%	5.00	19.53
16	Gen Foreman Rate	Component	15	19.53	*	50.97	995.53
17	Material Hndler Hrs	Labor	Total	390.63	%		0.00
18	Material Hndler Rate	Component	17	0.00	*	35.04	0.00
19	Update As Built Dwgs	Calculated		1.00	*	49.00	49.00
20	SUBTOTAL						19,099.68
21	#######################################						0.00
22	DIRECT JOB EXPENSES:						0.00
23	Expendable Tools	Material	Total	40,814.77	%	3.00	1,224.44
24	Equipment						0.00
25	Warranty on Material	Component	5	41,169.77	%	3.00	1,235.09
26	Warranty on Labor	Component	20	19,099.68	%	3.00	572.99
27	SUBTOTAL						3,032.53
28	#######################################						0.00
29	SUBCONTRACTS:						0.00
30	Sub #1	Calculated		0.00			0.00
31	Sub #2	Calculated		0.00	•		0.00
32	SUBTOTAL						0.00
33	#######################################						0.00
34	JOB SUBTOTAL						63,301.98
35	#######################################						0.00
36	MARKUPS:						0.00
37	Liability/Bldrs Risk	Component	34	63,301.98	%	2.00	1,266.04
38	WrkComp/SS/Unmplymnt	Component	20	19,099.68	%	25.00	4,774.92
39	Overhead @ 5%	Component	34	63,301.98	%	5.00	3,165.10
40	JOB TOTAL	<u>-</u>					72,508.04
41	######################################						0.00
42	Profit @ 10%	Component	40	72,508.04	%	10.00	7,250.80
43	JOB TOTAL + PROFIT	Component	42	7,250.80	(int)	1.00	79,758.84
44	Perf Payment Bond	Component	43	79,758.84	%	2.00	1,595.18
45	ADD BOND	Component	44	1,595.18	/0	1.00	81,354.02
46	######################################	Component		1,030.10		1.00	0.00
	BID TOTAL						81,354.02
47	BID TOTAL						01,354.02

JOB 1372 2019-RME: 2019 Randy's Jobs ...
ESTIMATE 2 201928: 201928 CORR WTP & ...
DATA SET 9 TMC WTP - NECA dataset

Combined All - Job File Pricing T Morales Company PO Box 859 Florence, Tx 76527 254-793-4344 / 254-793-3044 reldridge@moralescompany.com

PRINTED 9/24/2019 3:56:31 PM
MATERIAL Primary
LABOR Primary

#### **NOTES**

RELOCATE KIRK KEY BLD 2 1.00  RELOCATE KIRK KEY DSG 1.00  1/0-28KV-SHILD-EPR-PVC-MV105 300.00  1/0-RAVCHEM-28KV-QUTDOOR 3.00  1/0-RAVCHEM-28KV-QUTDOOR 3.00  1/0-RAVCHEM-28KV-QUTDOOR 3.00  2/0-RAVCHEM-28KV-QUTDOOR 3.00  1/0-RAVCHEM-28KV-QUTDOOR 3.00  1/0-RAVCHEM-28KV-QUTDOOR 3.00  1/0-RAVCHEM-28KV-QUTDOOR 3.00  1/0-RAVCHEM-28KV-QUDDOOR 3.00  1/0-RAVCHEM-28KV-QUDDOOR 3.00  1/0-RAVCHEM-28KV-QUDDOOR 3.00  1/0-RAVCHEM-28KV-QUDDOOR 3.00  BUCKET TRUCK 15.00  CABLE SOAP 1.00  DISCONNECT 28KV AT POLE C 3.00  HI-POT TEST CABLES 3.00  HI-POT TEST CABLES 3.00  1/0-RAVCHEM-28KV-QUDDOOR 3.00  HI-POT TEST CABLES 3.00  3.02  PVC Sch 40 Glibow Carlon #UASAM 14.00 EACH 31.22  PVC Sch 40 Fibow Carlon #UASAM 14.00 EACH 31.22  PVC Sub 40 Fibow Carlon #UASAM 14.00 EACH 31.22  PVC Sub 40 Fibow Carlon #UASAM 34.00 EACH 31.22  1/12  PVC Coup Carlon #E940M 34.00 EACH 31.22  1/12  BONDING BUSHINGS 24.00 EACH 31.22  1/12  BONDING BUSHINGS 1NS 1.00 EACH 31.22  1/12  BONDING BUSHINGS 1NS 1.00 EACH 31.22  1/12  BONDING BUSHINGS 48.00 EACH 31.22  1/12  BONDING SUSHINGS 48.00 EACH 31.22  1/12		NOTES			Material	1683 81 81		Labor	THE STATE
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1/0-25KW.SHILD-EPR.PVC-MV105 1/0-RAYCHEM-25KV.QUTDOOR 1/0-RAYCHEM-25KV.QUTDOOR 1/0-RAYCHEM-25KV.QUTDOOR 25KV.RAYCHEM-ELEOW SURGE 3.00 1.5IN KELLEMS GRIP 3.00 3.5IN BREAKQUT BOOT 1.00 BUCKET TRUCK 16.00 CABLE SOAP 1.00 DEMO-25KV.CABLE 1.00 DISCONNECT 25KV.AT POLE C 3.00 HI-POT TEST CABLES 3.00 HI-POT TEST CABLES 3.00 HI-POT TEST CABLES 3.00 HI-POT TEST CABLES 3.00 FEET 3.122* PVC Sch 40 Elbow Carlon #U9014010 680.00 FEET 3.122* PVC Sch 40 Elbow Carlon #U904AM 14.00 EACH 3.122* PVC Coup Carlon #E94MM 34.00 EACH 3.122* PVC Coup Carlon #E94MM 34.00 EACH 3.122* LOCKNUT 26.00 EACH 3.122* LOCKNUT 36.00 EACH 36.00 EAC		RELOCATE KIRK KEY BLD 2	1.00		<u> </u>			,	
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BUCKET TRUCK CABLE SOAP 1.00 DEMO-ZSKV CABLE 1.00 DISCONNECT 25KV AT POLE C 3.00 HI-POT TEST CABLES 3.00 HI-POT TEST CABLES 3.00 3.122* PVC Sch 40 Elbow Carlon #49014010 3.122* PVC Sch 40 Elbow Carlon #49014010 3.122* PVC Sch 40 Elbow Carlon #490401401 3.122* PVC Sch 40 Elbow Carlon #490401401 3.122* PVC Sch 40 Elbow Carlon #E943M 3.400 EACH 3.122* PVC Male Adapt Carlon #E943M 3.400 EACH 3.122* LOCKNUT 2.500 EACH 3.122* LOCKNUT 2.500 EACH 3.122* LOCKNUT 2.500 EACH 3.122* BONDING BUSHINGS-INS 1.00 EACH 3.122* CUTTHERAD-LABOR 2.00 EACH 3.122* LOUTHURE AD-LABOR 3.122* AUM COUPLING 3.124* AUM COUPLING 3.125* COUTHINGS-INS 3.126* AUM COUPLING 3.126* COUTHINGS-INS 3.127* LAT WASHER 3.128* S. S. FLAT WASHERS 8.00 EACH 3.138. S. S. FLAT WASHERS 8.00 EACH 3.142* S. S. STRUT STRAPS 8.00 EACH 3.144* S. STRUT STRAPS 8.00 EACH 3.144* S. S. STRUT STRAPS 8.00 EACH 3.144* S. S. STRUT STRAPS 8.00 EACH 4.00 EACH 4.0		1.5IN KELLEMS GRIP	3.00						
CABLE SOAP 1.00 DEMO-25KV CABLE 1.00 DESCONNECT 25KV AT POLE C 3.00 HI-POT TEST CABLES 3.00 HI-POT TEST CABLES 3.00 B1/2" PVC Sch 40 Carlon #49014010 680.00 FEET 3 1/2" PVC Sch 40 Carlon #49014010 14.00 EACH 3 1/2" PVC Coup Carlon #E940M 34.00 EACH 3 1/2" PVC Coup Carlon #E940M 34.00 EACH 3 1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3 1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3 1/2" PVE Male Adapt Carlon #E943M 26.00 EACH 3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" PLASTIC BUSHINGS 20.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" S.S.FLAT WASHER 50.00 EACH 3 1/3" BAM CLAMP-STEEL 8.00 EACH 3 1/4" SS.S.FLAT WASHERS 8.00 EACH 3 1/4" S.S.FLAT WASHERS 8.00 EACH 3 1/4" S.S.FLAT WASHERS 8.00 EACH 3 1/4" S.S.STRUT 3-1/2" 20.00 FEET 3 1/4" S.S.STRUT 3-1/2" 20.00 FEET 3 1/2" S.S.STRUT 10.00 FEET 3 1/2" S.S.STRUT 5-10 CACH 3 1/2" S.S.STRUT 10.00 FEET 4 LIQUIDITIE STR CONN 4.00 EACH 5 1/2 LIQUIDITIE STR CONN 6.00 EACH 5 1/2 LIQUIDITIE STR		3.5IN BREAKOUT BOOT	1.00						
DEMO-25KV CABLE 1.00 DISCONNECT 25KV AT POLE C 3.00 HI-POT TEST CABLES 3.00 HI-POT TEST CABLES 3.00 HI-POT TEST CABLES 3.00 S1/2" PVC Sch 40 Carlon #49014010 680.00 FEET S1/2" ALUM CONDUIT 30.00 FEET S1/2" PVC Sch 40 Elbow Carlon #UA9AM 14.00 EACH S1/2" PVC Coup Carlon #E940M 34.00 EACH S1/2" PVC Male Adapt Carlon #E943M 26.00 EACH S1/2" LOCKNUT 26.00 EACH S1/2" BONDING BUSHINGS 24.00 EACH S1/2" BONDING BUSHINGS-INS 1.00 EACH S1/2" BONDING BUSHINGS-INS 1.00 EACH S1/2" ALUM COUPLING 2.00 EACH S1/2" ALUM COUPLING 2.00 EACH S1/2" ALUM COUPLING 2.00 EACH S1/2" ALUM SYMBERS 8.00 EACH S1/2" SS.S.FLAT WASHERS 8.00 EACH S1/3" SS.FLAT WASHERS 8.00 EACH S1/4" SS.S.FLAT WASHERS 8.00 EACH S1/4" SS.S.FRUT STRAPS 8.00 EACH S1/4" SS.S.FRUT STRAPS 8.00 EACH S1/4" SS.S.FRUT STRAPS 8.00 EACH S1/2" LIQUIDTITE STR CONN 4.00 EACH S1/2" LIQUIDTITE CONDUIT 8.00 EACH S1/2" LIQUIDTITE CONDUIT 8.00 EACH NYLON LINE 440.00 FEET S1/4" STROU 740.00		BUCKET TRUCK	16.00						
DISCONNECT 25KV AT POLE C  HI-POT TEST CABLES  3.00  HI-POT TEST CABLES  3.102" PVC Sch 40 Carlon #49014010 680.00 FEET  3.112" ALUM CONDUIT  3.00 FEET  3.112" PVC Sch 40 Elbow Carlon #UA9AM  14.00 EACH  3.112" PVC Coup Carlon #E943M  3.400 EACH  3.112" LOCKNUT  26.00 EACH  3.112" PLASTIC BUSHINGS  24.00 EACH  3.112" PLASTIC BUSHINGS  24.00 EACH  3.112" ALUM COUPLING  2.00 EACH  3.112" ALUM COUPLING  3.112" ALUM		CABLE SOAP	1.00						
HI-POT TEST CABLES 3.00 3.1/2" PVC Sch 40 Carlon ##49014010 680.00 FEET 3.1/2" ALUM CONDUIT 30.00 FEET 3.1/2" PVC Sch 40 Elbow Carlon #UA9AM 14.00 EACH 3.1/2" PVC Caple Carlon #E940M 34.00 EACH 3.1/2" PVC Caple Adapt Carlon #E943M 26.00 EACH 3.1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3.1/2" PLASTIC BUSHINGS 24.00 EACH 3.1/2" BONDING BUSHINGS-INS 1.00 EACH 3.1/2" BONDING BUSHINGS-INS 1.00 EACH 3.1/2" LULING 2.00 EACH 3.1/2" H Strap Mall Crouse #518 48.00 EACH 3.1/2" 1H Strap Mall Crouse #518 48.00 EACH 3.1/2" SS.S.FLAT WASHERS 8.00 EACH 3.1/3" SS.S.FLAT WASHERS 8.00 EACH 3.1/4" STOVE BOLT WINUTS 25.00 EACH 3.1/2" 3.1/2" 2.00 EACH 3.1/2" 3.1/2" 2.00 EACH 3.1/2" 3.1/2" 3.1/2" 3.1/2" 2.00 EACH 3.1/2" 3.1/2" 3.1/2" 3.1/2" 2.00 EACH 3.1/2" 3.1/2" 3.1/2 2.00 EACH 3.1/2" 3.1/2" 3.1/2		DEMO-25KV CABLE	1.00						
3 1/2" PVC Sch 40 Carlon #49014010 680.00 FEET 3.00 FEET 3.00" ALUM CONDUIT 30.00 FEET 3.00" PVC Sch 40 Elbow Carlon #UA9AM 14.00 EACH 3.1/2" PVC Coup Carlon #E940M 34.00 EACH 3.1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3.1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3.1/2" PLASTIC BUSHINGS 24.00 EACH 3.1/2" BONDING BUSHINGS-INS 1.00 EACH 3.1/2" BONDING BUSHINGS-INS 1.00 EACH 3.1/2" ALUM COUPLING 2.00 EACH 3.1/2" ALUM COUPLING 3.00 EACH 3.1/2" 3.1/2" S.S.FLAT WASHERS 8.00 EACH 3.1/2" 3.1/2" 2.00 EACH 3.1/2" 3.1/2" 3.1/2" 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.1/2" 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.1/2" 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.1/2" 3.1/2" 3.04 SSTEEL STRUT 10.00 FEET 3.1/2" 3.1/		DISCONNECT 25KV AT POLE C	3.00						
3 1/2" ALUM CONDUIT 30.00 FEET 3 1/2" PVC Sch 40 Elbow Cerlon #UA9AM 14.00 EACH 3 1/2" PVC Coup Carlon #E940M 34.00 EACH 3 1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3 1/2" LOCKNUT 26.00 EACH 3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3/8. BEAM CLAMP-STEEL 8.00 EACH 3/8. S.S.FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/12" S.S.STRUT STRAPS 8.00 EACH 3/12" S.S.STRUT STRAPS 8.00 EACH 3/12" SLEEL STRUT 10.00 FEET 3/1/2" TIQUIDTITE CONDUIT 18.00 FEET 3/1/2" TIQUIDTITE CONDUIT 18.00 FEET 3/1/2" THIN STR CU 740.00 FEET 3/1/2" LIQUIDTITE STR CONN 4.00 EACH NYLON LINE 440.00 FEET 5/00 THIN STR CU 2,310.00 FEET 5/00 THIN STR CU 2,310.00 FEET 5/00 WIRE TERM-LABOR ONLY 8.00 EACH 5/1/2" WIEE TERM-LABOR ONLY 24.00 EACH		HI-POT TEST CABLES	3.00						
3 1/2" PVC Sch 40 Elbow Carlon #UA9AM 14.00 EACH 3 1/2" PVC Coup Carlon #E940M 34.00 EACH 3 1/2" PVC Male Adapt Carlon #E940M 26.00 EACH 3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" CUT/THREAD-LABOR 2.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" HS 172P MASHER 50.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" S.S. FLAT WASHER 50.00 EACH 3/8. FLAT WASHER 50.00 EACH 3/8. S.S. FLAT WASHER 50.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3 1/2" S.S. STRUT STRAPS 8.00 EACH 3/8. S.S. S.S. STRUT STRAPS 8.00 EACH 3 1/2" SSEL STRUT 10.00 FEET 3 1/2" SSEEL STRUT 10.00 FEET 3 1/2" SSEEL STRUT 10.00 FEET 3 1/2" LIQUIDTITE STR CONN 4.00 EACH 12X 12X 6 PV C.J. BOX 6.00 EACH NYLON LINE 440.00 FEET 200 THIN STR CU 740.00 FEET 200 THIN STR CU 740.00 FEET 200 WIRE TERM-LABOR ONLY 24 00 EACH 22/00 MECH LUGS CU/AL 6.00 EACH 300	3 1/2"	PVC Sch 40 Carlon #49014010	680.00 F	EET					
3 1/2" PVC Coup Carlon #E940M 34.00 EACH 3 1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3 1/2" LOCKNUT 26.00 EACH 3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" S.S.FLAT WASHER 5.00 EACH 3 1/2" S.S.FLAT WASHERS 8.00 EACH 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3 1/2" SSEEL STRUT 10.00 FEET 3 1/2" SSEEL STRUT 10.00 FEET 3 1/2" LIQUIDTITE CONDUIT 18.00 FEET 3 1/2" LIQUIDTITE CONDUIT 18.00 FEET 3 1/2" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2 1/0 THHN STR CU 740.00 FEET 2 1/0 WIRE TERM-LABOR ONLY 2.00 EACH 2 2 1/0 WIRE TERM-LABOR ONLY 2.00 EACH 3 1/2" WICE TERM-LABOR ONLY 2.00 EACH	3 1/2"	ALUM CONDUIT	30.00 F	EET					
3 1/2" PVC Male Adapt Carlon #E943M 26.00 EACH 3 1/2" LOCKNUT 26.00 EACH 3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3/8. BEAM CLAMP-STEEL 8.00 EACH 3/8. FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT WINUTS 25.00 EACH 3/8. STOVE BOLT WINUTS 20.00 FEET 3/8 1/2" S.S.STRUT STRAPS 8.00 EACH 3/8 3/2" Ssteel Spring Nut 5.00 EACH 3/8 3/2" LIQUIDTITE CONDUIT 18.00 FEET 3/8" Steel Spring Nut 5.00 EACH 12X12X6 PVC J-BOX 6.00 EACH 10X1 THIN STR CU 740.00 FEET 2/8 WIRE TERM-LABOR ONLY 24.00 EACH	3 1/2"	PVC Sch 40 Elbow Carlon #UA9AM	14.00 E	ACH					
3 1/2" LOCKNUT 26.00 EACH 3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" CUT/THREAD-LABOR 2.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3/8. BEAM CLAMF-STEEL 8.00 EACH 3/8. FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT WINUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3 1/2" 304 SSTEEL STRUT 10.00 FEET 3/8" Ssteel Spring Nut 5.00 EACH 13 1/2" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 2/0 THHN STR CU 2.310.00 FEET 2/10 WIRE TERM-LABOR ONLY 8.00 EACH 2/2/10 MECH LUGS CU/AL 4.00 EACH 3/50-750 MECH LUGS CU/AL 6.00 EACH	3 1/2"	PVC Coup Carlon #E940M	34.00 E	ACH					
3 1/2" PLASTIC BUSHINGS 24.00 EACH 3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" CUT/THREAD-LABOR 2.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" BEAM CLAMP-STEEL 8.00 EACH 3/8. BEAM CLAMP-STEEL 8.00 EACH 3/8. S.S.FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT WINUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3 1/2" SSteel Spring Nut 5.00 EACH 3 1/2" LIQUIDITIE CONDUIT 18.00 FEET 3 1/2" LIQUIDITIE STR CONN 4.00 EACH 1 2X12/6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 2/10 THHN STR CU 2,310.00 FEET 2/20 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 500 MECH LUGS CU/AL 6.00 EACH	3 1/2"	PVC Male Adapt Carlon #E943M	26.00 E	ACH					
3 1/2" BONDING BUSHINGS-INS 1.00 EACH 3 1/2" CUT/THREAD-LABOR 2.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3 1/2" 5.00 EACH 5.00 WIRE TERM-LABOR ONLY 8.00 EACH 5.00 EACH 5.00 WIRE TERM-LABOR ONLY 8.00 EACH 5.00 EACH 5.00 WIRE TERM-LABOR ONLY 8.00 EACH 5.00 WIRE TERM-LABOR ONLY 8.00 EACH 5.00 EACH 5.00 EACH 5.00 MECH LUGS CU/AL 6.00 EACH 5.00 EACH 5.00 MECH LUGS CU/AL 6.00 EACH 5.00	3 1/2"	LOCKNUT	26.00 E	ACH					
3 1/2" CUT/THREAD-LABOR 2.00 EACH 3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3/8. BEAM CLAMP-STEEL 8.00 EACH 3/8. S.S.FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT W/NUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3 1/2" 304 SSTEEL STRUT 10.00 FEET 3 1/2" SSEel Spring Nut 5.00 EACH 3 1/2" STEEL STRUT 10.00 FEET 3" LIQUIDTITE CONDUIT 18.00 FEET 3" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/10 THIN STR CU 740.00 FEET 5/20 WIRE TERM-LABOR ONLY 8.00 EACH 5/20 WIRE TERM-LABOR ONLY 24.00 EACH 5/20 MECH LUGS CU/AL 4.00 EACH 5/20 MECH LUGS CU/AL 6.00 EACH	3 1/2"	PLASTIC BUSHINGS	24.00 E	ACH					
3 1/2" ALUM COUPLING 2.00 EACH 3 1/2" 1H Strap Mall Crouse #518 48.00 EACH 3/8. BEAM CLAMP-STEEL 8.00 EACH 3/8. FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT W/NUTS 25.00 EACH 3/8. STOVE BOLT W/NUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3 1/2" 3.04 SSTEEL STRUT 10.00 FEET 3/8" Ssteel Spring Nut 5.00 EACH 3/8" Ssteel Spring Nut 5.00 EACH 12X12X6 PVC J-BOX 6.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THN STR CU 2,310.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 500 MIRE TERM-LABOR ONLY 24.00 EACH 500 MIRE TERM-LABOR ONLY 24.00 EACH 500 MIRE TERM-LABOR ONLY 4.00 EACH 500 MIRE TERM-LABOR ONLY 24.00 EACH 500 MIRE TERM-LABOR ONLY 4.00 EACH 500 MIRE TERM-LABOR ONLY 5.00 EACH 500 MIRE TERM-LABOR ONLY 5.00 EACH 500 MIRE TERM-LABOR ONLY 6.00 EACH	3 1/2"	BONDING BUSHINGS-INS	1.00 E	ACH					
11   12   11   13   14   15   15   16   16   16   16   16   16	3 1/2"	CUT/THREAD-LABOR	2.00 E	ACH					
3/8. BEAM CLAMP-STEEL 8.00 EACH 3/8. FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT W/NUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3/8" Ssteel Spring Nut 5.00 EACH 3/8" Ssteel Spring Nut 5.00 EACH 3/8" Steel Spring Nut 5.00 EACH 12/12 LIQUIDTITE CONDUIT 18.00 FEET 3/8" LIQUIDTITE STR CONN 4.00 EACH 12/212X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 2/0 THHN STR CU 2,310.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 500 MIRE TERM-LABOR ONLY 24.00 EACH 500 MIRE TERM-LABOR ONLY 4.00 EACH 500 MIRE TERM-LABOR ONLY 5.00 EACH	3 1/2"	ALUM COUPLING	2.00 E	ACH					
3/8. FLAT WASHER 50.00 EACH 3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT WINUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3/1/2" S.S.STRUT STRAPS 8.00 EACH 3/1/2" 304 SSTEEL STRUT 10.00 FEET 3/8" Ssteel Spring Nut 5.00 EACH 3/1/2" LIQUIDTITE CONDUIT 18.00 FEET 3/1" LIQUIDTITE STR CONN 4.00 EACH 12x12x6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/10 THAN STR CU 740.00 FEET 2/10 THAN STR CU 2,310.00 FEET 2/10 WIRE TERM-LABOR ONLY 8.00 EACH 5/10 WIRE TERM-LABOR ONLY 24.00 EACH 2/2-2/10 MECH LUGS CU/AL 4.00 EACH 3/10 EACH	3 1/2"	1H Strap Mall Crouse #518	48.00 E	ACH					
3/8. S.S.FLAT WASHERS 8.00 EACH 3/8. STOVE BOLT W/NUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3/1/2" S.S.STRUT STRAPS 8.00 EACH 3/1/2" 304 SSTEEL STRUT 10.00 FEET 3/8" Ssteel Spring Nut 5.00 EACH 3/1/2" LIQUIDTITE CONDUIT 18.00 FEET 3" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 2/0 THHN STR CU 2,310.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 5/0 WIRE TERM-LABOR ONLY 24.00 EACH 2-2-2/0 MECH LUGS CU/AL 4.00 EACH	3/8.	BEAM CLAMP-STEEL	8.00 E	ACH					
3/8. STOVE BOLT W/NUTS 25.00 EACH GALV STRUT 3-1/2" 20.00 FEET 3/1/2" S.S.STRUT STRAPS 8.00 EACH 3/1/2" 304 SSTEEL STRUT 10.00 FEET 3/8" Ssteel Spring Nut 5.00 EACH 3/1/2" LIQUIDTITE CONDUIT 18.00 FEET 3/8" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 2/0 THHN STR CU 2,310.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 2-2/0 MECH LUGS CU/AL 4.00 EACH 3/50-750 MECH LUGS CU/AL 6.00 EACH	3/8.	FLAT WASHER	50.00 E	ACH					
GALV STRUT 3-1/2" 20.00 FEET 3 1/2" S.S.STRUT STRAPS 8.00 EACH 3 1/2" 304 SSTEEL STRUT 10.00 FEET 3/8" Ssteel Spring Nut 5.00 EACH 3 1/2" LIQUIDTITE CONDUIT 18.00 FEET 3" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 2/0 THHN STR CU 2,310.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 2-2/0 MECH LUGS CU/AL 4.00 EACH 350-750 MECH LUGS CU/AL 6.00 EACH	3/8.	S.S.FLAT WASHERS	8.00 E	ACH					
3 1/2"   S.S.STRUT STRAPS   8.00 EACH     3 1/2"   304 SSTEEL STRUT   10.00 FEET     3/8"   Ssteel Spring Nut   5.00 EACH     3 1/2"   LIQUIDTITE CONDUIT   18.00 FEET     3"   LIQUIDTITE STR CONN   4.00 EACH     12X12X6 PVC J-BOX   6.00 EACH     NYLON LINE   440.00 FEET     2/0   THHN STR CU   740.00 FEET     500   THHN STR CU   2,310.00 FEET     2/0   WIRE TERM-LABOR ONLY   8.00 EACH     500   WIRE TERM-LABOR ONLY   24.00 EACH     500   MECH LUGS CU/AL   4.00 EACH     550-750   MECH LUGS CU/AL   6.00 EACH     550-750   MECH LUGS CU/AL   6.00 EACH     500   EACH     500   EACH     500   MECH LUGS CU/AL   6.00 EACH     500   MECH LUGS CU/AL   6.00 EACH     500   EACH     500   MECH LUGS CU/AL   6.00 EACH     500   EACH     500   MECH LUGS CU/AL   6.00 EACH     500   EACH	3/8.	STOVE BOLT W/NUTS	25.00 E	ACH					
3 1/2" 304 SSTEEL STRUT 10.00 FEET 3/8" Ssteel Spring Nut 5.00 EACH 3 1/2" LIQUIDTITE CONDUIT 18.00 FEET 3" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 500 THHN STR CU 2,310.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 2-2/0 MECH LUGS CU/AL 4.00 EACH 350-750 MECH LUGS CU/AL 6.00 EACH		GALV STRUT 3-1/2"	20.00 F	EET					
3/8" Ssteel Spring Nut 5.00 EACH 3 1/2" LIQUIDTITE CONDUIT 18.00 FEET 3" LIQUIDTITE STR CONN 4.00 EACH 12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 2-2/0 MECH LUGS CU/AL 4.00 EACH 350-750 MECH LUGS CU/AL 6.00 EACH	3 1/2"	S.S.STRUT STRAPS	8.00 E	ACH					
1/2" LIQUIDTITE CONDUIT  18.00 FEET  12X12X6 PVC J-BOX  12X12X6 PVC J-BOX  6.00 EACH  NYLON LINE  440.00 FEET  2/0 THHN STR CU  740.00 FEET  2/0 WIRE TERM-LABOR ONLY  8.00 EACH  500 WIRE TERM-LABOR ONLY  24.00 EACH  2-2/0 MECH LUGS CU/AL  4.00 EACH	3 1/2"	304 SSTEEL STRUT	10.00 F	EET					
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12X12X6 PVC J-BOX 6.00 EACH NYLON LINE 440.00 FEET 2/0 THHN STR CU 740.00 FEET 500 THHN STR CU 2,310.00 FEET 2/0 WIRE TERM-LABOR ONLY 8.00 EACH 500 WIRE TERM-LABOR ONLY 24.00 EACH 2-2/0 MECH LUGS CU/AL 4.00 EACH 350-750 MECH LUGS CU/AL 6.00 EACH	3 1/2"	LIQUIDTITE CONDUIT	18.00 F	EET					
NYLON LINE 440.00 FEET  2/0 THHN STR CU 740.00 FEET  500 THHN STR CU 2,310.00 FEET  2/0 WIRE TERM-LABOR ONLY 8.00 EACH  500 WIRE TERM-LABOR ONLY 24.00 EACH  2-2/0 MECH LUGS CU/AL 4.00 EACH  350-750 MECH LUGS CU/AL 6.00 EACH	3"	LIQUIDTITE STR CONN	4.00 E	ACH					
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500 WIRE TERM-LABOR ONLY 24.00 EACH 2-2/0 MECH LUGS CU/AL 4.00 EACH 350-750 MECH LUGS CU/AL 6.00 EACH	500	THHN STR CU	2,310.00 F	EET					
2-2/0 MECH LUGS CU/AL 4.00 EACH 350-750 MECH LUGS CU/AL 6.00 EACH	2/0	WIRE TERM-LABOR ONLY	8.00 E	ACH					
2-2/0 MECH LUGS CU/AL 4.00 EACH 350-750 MECH LUGS CU/AL 6.00 EACH	500	WIRE TERM-LABOR ONLY	24.00 E	ACH					
350-750 MECH LUGS CU/AL 6.00 EACH	2-2/0	MECH LUGS CU/AL							
Grand Totals 40.814.77 390.6350	350-750	MECH LUGS CU/AL							
	Grand Tota	als				40,814.77			390.6350



Project: Round Rock WTP & Lake GT

Date:

10-14-19

**Pump & Pumps Modifications** 

TMC Change #:

**COR-07 Rev 00** 

Owner: City of Round Rock

N/A Project Change #:

# **Change Order Request**

Morales Company offers a change in pricing for consideration by the Owner to Repair the existing Transformer TX-1, 1000 Kva pad mount transformer as requested by the City of Round Rock.

The work to be performed is stated as followed:

# Lake Georgetown Raw Water - Building No. 1 Existing Pad Mount Transformer TX-1:

- T. Morales Company will coordinate with Sunbelt-Solomon Corporation to repair the existing primary transformer TX-1, 1,000kva transformer due to the recent transformer oil leaking event on the primary compartment as witnessed by the City of Round Rock
- T. Morales Company has already coordinated with Sunbelt-Solomon Corporation whom has been on site and reviewed the transformer issues.
- T. Morales Company will Disconnect the primary fuses cutouts at the utility service riser, has Inspected the TX-1 transformer primary compartment, coordination and scheduling of Sunbelt-Solomon Corporation on site for repairs to the existing bushings at the bayonet fuse assemblies in the primary compartment, Disconnect existing Primary Compartment MV Load Break Terminators,

TMC Phase Stick-Test & Bleed Voltage from primary & secondary transformer coils, install busing well grounding cluster in Primary Transformer compartment and make safe for repairs by Sunbelt Solomon Corporation.

After the repairs are made to the primary compartment bayonet fuse assemblies by Sunbelt-Solomon Corporation, TMC will remove the bushing well grounding cluster in primary compartment, re-connect the primary loadbreak connectors to the transformer compartment primary bushing wells, re-connect the primary utility fuses and MV Phase Stick test both primary and secondary voltages.

Total cost for the additional work associated with this change is \$4,621.00.

# **Extension in Time Request:**

Submittals and approvals: 0 weeks. Lead time for procurement: 0 weeks. Approx time for installation: 0 weeks

Total 0 weeks

Change Initiated By: Jeff Bell / CORR Change Prepared By: Randy M. Eldridge / TMC

Change Delivered To: George Luke / Gupta Response Rgst'd By: ASAP

Carbon Copy To: Josh Wharton / TMC

PO Box 859 Florence, Texas 76527 Phone: 254-793-4344

601 South Patterson Avenue Florence, Texas 76527 Fax: 254-793-3044 JOB 1372 2019-RME: 2019 Randy's Jobs ...
ESTIMATE 2 201928: 201928 CORR WTP & ...
DATA SET 9 TMC WTP - NECA dataset
DATE 10/14/2019 11:34:34 AM

Bid: #7 - COR-07 T Morales Company PO Box 859 Florence, Tx 76527 254-793-4344 / 254-793-3044

reldridge@moralescompany.com	

_		reldridge@moralesco					
-	Description	Reference Type	Reference	Ref Amount	Operation	Rate	Amount
1	MATERIALS / QUOTES:						0.00
2	Misc Materials:	Material	Total	0.00	*	1.00	0.00
3	#######################################						0.00
4	QUOTES:						0.00
5	Sunbelt-Soloman Corporation	Calculated		2,690.00	( <b>*</b> )	1.00	2,690.00
6	Qte #2	Calculated		0.00	•		0.00
7	Qte #3	Calculated		0.00	() <b>*</b> (		0.00
8	SUBTOTAL						2,690.00
9	#######################################						0.00
10	SALES TAX:	Material	Total	0.00	%		0.00
11	SUBTOTAL						0.00
12	#######################################						0.00
13	LABOR:						0.00
14	Straight Time Labor	Labor	Total	14.50	*	46.22	670.19
15	Overtime Labor	Calculated		0.00		69.33	0.00
16	Exec Order 13706 Hours	Labor	Total	14.50	•		0.00
17	Exec Order 13706 Rate	Component	16	0.00	9.★3	46.22	0.00
18	Gen Foreman Hours	Labor	Total	14.50	%	5.00	0.73
19	Gen Foreman Rate	Component	18	0.73	*	50.97	36.95
20	Material Hndler Hrs	Labor	Total	14.50	%	3.00	0.43
21	Material Hndler Rate	Component	20	0.43	*	35.04	15.24
22	Update As Built Dwgs	Calculated		1.00		49.00	49.00
23	SUBTOTAL						771.39
24	#######################################						0.00
25	DIRECT JOB EXPENSES:						0.00
26	Expendable Tools	Material	Total	0.00	%	3.00	0.00
27	Equipment						0.00
28	Warranty on Material	Component	8	2,690.00	%	6.00	161.40
29	Warranty on Labor	Component	23	771.39	%	6.00	46.28
30	SUBTOTAL						207.68
31	#######################################						0.00
32	SUBCONTRACTS:						0.00
33	Sub #1	Calculated		0.00	*		0.00
34	Sub #2	Calculated		0.00	•		0.00
35	SUBTOTAL						0.00
36	#######################################						0.00
37	JOB SUBTOTAL						3,669.07
38	#######################################						0.00
39	MARKUPS:						0.00
40	Liability/Bldrs Risk	Component	37	3,669.07	%	2.00	73.38
41	WrkComp/SS/Unmplymnt	Component	23	771.39	%	25.00	192.85
42	Overhead @ 5%	Component	37	3,669.07	%	5.00	183.45
43	JOB TOTAL						4,118.75
44	#######################################						0.00
45	Profit @ 10%	Component	43	4,118.75	%	10.00	411.88
46	JOB TOTAL + PROFIT	Component	45	411.88		1.00	4,530.63
47	Perf_Payment Bond	Component	46	4,530.63	%	2.00	90.61
48	ADD BOND	Component	47	90.61	*	1.00	4,621.24
49	#######################################						0.00
	BID TOTAL						4,621.24

JOB 1372 2019-RME: 2019 Randy's Jobs ...
ESTIMATE 2 201928: 201928 CORR WTP & ...
DATA SET 9 TMC WTP - NECA dataset

COR 07 - RWPS TX-1 Xfmr Repair T Morales Company PO Box 859 Florence, Tx 76527 254-793-4344 / 254-793-3044

reldridge@moralescompany.com

PRINTED 10/14/2019 11:36:38 AM
MATERIAL Discounted
LABOR Primary

#### **NOTES**

	Item	SAMO	See See		Material			Labor	
Size	Item Desc	Qty	UOM	Mat Unit	Mat Adj	Mat Ext	Lbr Unit	Lbr Adj	Lbr Ext
-	Disconnect Primary Fuses	1.00							
	Inspect TX1-Xfmr Primary Compartment	1.00							
	Coord-Soloman Xfmr Inspection	1.00							
	Disconnect Primary Loadbreaks	1.00							
	Phase-Stick Test & Bleed Voltage Pri	1.00							
	Re-Connect Primary Fuses	1.00							
	Remove Primary Compartment Groun	1.00							
	Re-Connect Primary Loadbreaks	1.00							
	MV Phase Stick Test Voltage	1.00							
Grand Totals						0.00			14.5000



October 14, 2019

City of Round Rock

Round Rock, TX

Type of Service:

Bayonet fuse leak repair

Equipment to be Serviced:

1000Kva Pad Mount

#### **SCOPE OF WORK**

Solomon Corp Field Services proposes to send Field Technicians to complete the following scope of work:

- 1. Mobilize 2 technicians and associated equipment to City of Round Rock
- 2. Transformer will have been de-energized, disconnected, isolated and grounded prior to the arrival of Solomon Technicians.
- 3. Work to be scheduled Tuesday, Wednesday or Thursday to allow for Mobilization of crews to and from site during normal working hours. Work scheduled on Mondays or Fridays will include additional charges for weekend mobilizations
- 4. Customer Feed and Supply terminations disconnected and re-connected by others.

## **Bayonet Fuse Leak Repair**

- 5. Confirm unit is isolated and LOTO has been performed
- 6. Inspect unit and confirm no other deficiencies exist
- 7. Lower oil, into Solomon supplied oil containment, to permit access to internal Bay-O-Net Fuse Assemblies.
- 8. Replace 3 Bayonet stingers
- 9. Fill Transformer with stored oil through a 5 micron filter press.
- 10. Top off with New Solomon supplied mineral oil (10 gallons)
- 11. Confirm no existing leaks following replacement
- 12. Top off headspace with nitrogen blanket to customer requested +psi
- 13. Pull DGA as outlined below



# Oil Sampling / Testing

- 14. Take oil sample for laboratory analysis: DGA/Oil Analysis D3612
  - a. Karl Fischer Moisture Analysis D1533b
  - b. Oil Screen
- 15. Clean up work area and depart.
- 16. Provide documented test results as required.

#### **CLARIFICATIONS / CUSTOMER RESPONSIBILITIES**

- 1. Due to handling of customer insulating oils, a non-pcb test result as sampled at least one year prior to service date is required. Sample kit can be provided by Solomon Corporation.
- 2. Provide access for vehicles within 50' of transformer and proper workspace clear of obstructions
- 3. Any site training above and beyond one-half hour on the day of mobilization is not included.
- 4. Top off if required (Above ten gallons quoted with-in) shall be at \$10/gal Mineral Oil
- 5. Electrical Testing, Setting of transformers, removal of existing units by others.
- 6. Provide site location address, and site management representative responsible for achieving all jobsite requirements in a timely manner.
- 7. Provide Free and Clear access, and proper workspace clear of obstructions.
- 8. Provide an authorized person to sign all manifests/ field reports.
- 9. Provide management supervision and at least one qualified and electrician If Applicable to:
  - a. De-energize and re-energize equipment as defined by NFPA70E.
  - b. Provide and perform Lock Out and Tag Out procedure for affected equipment and verify zero energy state as defined by NFPA70E.
  - c. Provide Grounding of equipment as required.

## PROPOSAL ACCEPTANCE

This proposal (except schedule) is valid for 30 days from date of issue. Any changes to the scope of work or Bill of Material will require a revised quotation which may result in a price change. No schedules or other activity will be initiated until purchase order is received.

PRICE: \$2,690.00

Price does not include tax. If applicable, tax will be added to the invoice. If order is tax exempt, please provide a copy of your exemption certificate.



**GENERAL CONDITIONS** 

Customer shall provide an electrician or engineer, familiar with the distribution system and is to be available during the repair and / or testing periods. He or she will be responsible for disconnecting and re-energizing all equipment as necessary. MOP's are not included unless specified above.

Unless specifically noted above, all work is to be performed Monday through Friday. Saturdays, Sundays and holidays excluded. Extensive delays due to circumstances beyond the control of Solomon Corp Field Services will be subject to additional billing.

Solomon Corp Field Services will not be responsible for supplying additional back-up generator(s) unless otherwise indicated within this quotation

Solomon Corp Field Services is not responsible for loss production review or any additional emergencies that may arise during the re-energization of this equipment.

To accept this proposal, please issue a purchase order to:

Inside Sales Specialist – Melissa DeMars mdemars@solomoncorp.com
Ph: 800-234-2867 X2644

Fax: 785-655-2502

Thank you,

Jan Sexton
Territory Manager
785-263-5180
jsexton@solomoncorp.com

**Attachments: Solomon Corp Terms and Conditions** 



# Standard Terms and Conditions of Sale Updated, March 2014

**Terms of Offer:** This quotation constitutes an offer to sell according to the terms included. The offer is good for 30 days from the date of quotation and shall be deemed accepted upon receipt and acceptance of a purchase order. The buyer will be deemed to have assented to all terms and conditions contained herein

Payment terms: Standard payment terms are net 30 days, pending credit approval of the buyer. Solomon Corporation reserves the right to require prepayment or progress payments for products and services of substantial size or financial risk. Any extension beyond these standard payment terms must be approved in writing prior to acceptance of an order. In the event Buyer fails to make payment when due, the buyer's entire account becomes immediately due and payable, and all amount are subject to service charges at the maximum contract rate permissible by law.

**Order Cancellation:** Orders cancelled after the acceptance of buyer's purchase order will be subject to appropriate cancellation or re-stocking charges. The charges will be dependent on the amount of labor and material expense, including design, engineering and administrative work, that has been completed at the time of order cancellation.

**Shipments:** All products are shipped FOB buyers designated delivery point unless otherwise specified. Freight charges are included in the purchase price unless otherwise specified in the price quotation. The buyer is responsible for providing labor and equipment to unload Solomon Corporation's truck. Solomon Corporation at its discretion may contract transportation and delivery with outside carriers.

**Rescheduled or delayed shipments:** Buyer may delay or reschedule shipment without penalty if the delay is within 30 days of the original scheduled delivery date. Delays beyond 30 days may require invoicing, payment and storage charges per Solomon Corporation's Storage policy.

Seller will make a good faith effort to complete delivery of the products and services on the scheduled date, but seller assumes no responsibility or liability for inability to deliver for reasons beyond the control of the Seller, unless otherwise agreed to in writing. The Seller is not liable for any incidental, consequential or liquidated damages arising from delays or failure to give notice of delay.

**Inspection and acceptance:** the Buyer shall have seven days from the date of delivery to report any damage, defects or nonconformance that is discernible at the time of inspection. After seven days the buyer is deemed to have accepted the product.

Warranties: Solomon Corporation warrants, to the original purchaser only, that the products



and services provided will be free from defects in material or workmanship. The duration of the warranty is one year from the date of delivery or completion of services, unless otherwise specified in the quotation. In the event that the product or service does not conform to specification or is defective in material or workmanship, Solomon Corporation will make the necessary repairs at its own expense. If Solomon Corporation in unable to successfully resolve the issue after a reasonable number of attempts, Solomon Corporation will provide at its option, replacement products, or a full refund of the purchase price. These are the purchaser's exclusive remedies for breach of warranty.

In the event that all or a portion of the products purchased are manufactured by others, the buyers warranty is with the original manufacturer of those products and subject to the warranty terms and conditions of that manufacturer. Solomon Corporation, as a seller of products manufactured by others, will assist buyer in remediation of warranty claims, but in no circumstance is liable to fulfill the warranty obligation of those manufacturers or to cover expenses that are not covered by original manufacturers' warranty.

#### Solomon Corporation does not warrant:

- 1) Any product, not manufactured by Solomon Corporation
- 2) That the specification provided by the purchaser are accurate, or fit for a particular use
- 3) Damage caused by failure to provide a suitable installation environment
- 4) Damage caused by use for purposes other than those for which it was designed
- 5) Damage caused by accidents or disasters such as fire, flood, wind and lightning
- 6) Damage caused by unauthorized attachments or modification
- 7) Damage caused by vandalism

Solomon Corporation shall in no event be liable for incidental or consequential damages.

The seller makes no warranty of the merchantability, or fitness for a particular purpose or any other warranty either expressed or implied.