

Project: City of San Marcos San Marcos Substation Transformer Replacement Project
Owner: San Marcos

Contract # 215-003

Pay Request No.:

ORIGINAL

From: Andy Cooper
LCRA
Manager, Transmission Construction
To: Greg Troxell
San Marcos
Assistant Director
Public Services / Electric Utility

Original Contract Amount:	\$2,092,415.00	
Approved Change Order(s) Amount:	<u>\$78,772.00</u>	Attached
Adjusted Contract Amount:	\$2,171,187.00	

Payment Summary:

Billing Date:

3/9/15 Progress payment #1	\$1,016,359.10
6/29/15 Progress payment #2	\$616,815.25
Subtotal	\$1,633,174.35
Final balance	\$538,012.65
1/15/16 Progress payment #3 Final	\$538,012.65

Note: project was 100% complete on 12/28/2015

Unit No.	Description	Qty	Unit	Labor & Material Unit Price	Percent Complete This Period	Percent Complete To Date	Amount Complete To Date	Check Columns
A UNITS								
A	Structures	1	Lot	\$518,237.00	0%	100%	\$518,237.00	518,237.00
								0.00
B UNITS								0.00
B	Three Pole Group Operated Air Break	1	Lot	\$9,352.00	0%	100%	\$9,352.00	9,352.00
								0.00
C UNITS								0.00
C	Surge Arrestors	1	Lot	\$14,868.00	0%	100%	\$14,868.00	14,868.00
								0.00
D UNITS								0.00
D	Single Pole Disconnecting Switches	1	Lot	\$99,894.00	0%	100%	\$99,894.00	99,894.00
								0.00
E UNITS								0.00
E	Circuit Breakers	1	Lot	\$111,470.00	0%	100%	\$111,470.00	111,470.00
								0.00
F UNITS								0.00
F	Circuit Reclosers	1	Lot	\$1,266.00	0%	100%	\$1,266.00	1,266.00
								0.00
G UNITS								0.00
G	Meter, Relays, and Instrument Transfo	1	Lot	\$210,726.00	0%	100%	\$210,726.00	210,726.00
								0.00
H UNITS								0.00
H	Transformers	1	Lot	\$54,358.00	0%	100%	\$54,358.00	54,358.00
								0.00
K UNITS								0.00
K	Conduit, Cable, and Civil URD Installa	1	Lot	\$700,804.00	0%	100%	\$700,804.00	700,804.00
								0.00
L UNITS								0.00
L	Foundations and Removals	1	Lot	\$297,085.00	0%	100%	\$297,085.00	297,085.00
								0.00
M UNITS								0.00
M	Site	1	Lot	\$5,655.00	0%	100%	\$5,655.00	5,655.00
								0.00
O UNITS								0.00
O	Grounding	1	Lot	\$54,812.00	0%	100%	\$54,812.00	54,812.00
								0.00
P UNITS								0.00
P	Building	1	Lot	\$4,666.00	0%	100%	\$4,666.00	4,666.00
								0.00
Q UNITS								0.00
Q	Yard Lights	1	Lot	\$9,222.00	0%	100%	\$9,222.00	9,222.00
								0.00
X1 UNITS								0.00
X	Change Orders	0	EA	\$0.00	0%	100%	\$78,772.00	0.00
								0.00
ORIGINAL CONTRACT AMOUNT COMPLETE TO DATE: 2,171,187.00							2,092,415.00	0.00

San Marcos Substation Scope Changes (September, 2014 to December, 2015)

Labor	Delays: Mobilization/Demobilization (out of scope)(bid = 6, actual = 11) + 5	\$12,500
Labor	Print Error: Insulator brackets on regulator structure	\$1,500
Labor	Print Error: Hookstick switches not fit truss	\$1,500
Labor	Print Error: Trenwa Layout off >6' . Had to make multiple field corrections after 2 surveys	\$1,800
Labor	SM change: PVC to Rigid metal URD 90s and tie conduit between low voltage bays	\$5,400
Labor	Flood clean-up (electrical connections caked w/ mud) pipe bus, connectors, PT boxes, throw over sw	\$23,754
Labor	Out of scope Relay work (distribution breakers, DNP points, SCADA rework)	\$6,264
Other	Crane (move T1 on to new pad after delay)	\$8,000
Materials	Materials: see below	\$35,744
Labor & Mtrls	Fiber (\$2,006) to/from T2, T1 communication, repull new fiber, terminations (\$1,283)	\$3,288

Subtotal	\$99,750
Credits	\$20,978
Total	\$78,772

MATERIALS CHANGES FOR SAN MARCOS SUBSTATION PROJECT

UNIT	DESCRIPTION	COMMENTS	QTY.	UNIT	LABOR	MATERIALS	EXTENDED PRICE
B1.a	138 kV VAB Switch, 2000 amp w/man. Op	NOT ON ORIGINAL BID TAB PROVIDED BY M&S ENG	2	EA.		\$ 9,935.00	\$ 19,870.00
L15.a	Foundation, 138 kV Tubular Switch Stands	NOT ON ORIGINAL BID TAB PROVIDED BY M&S ENG	2	EA.		\$ 390.00	\$ 780.00
L18.a	Foundation, 25 kV T-Stand., Bypass	NOT ON ORIGINAL BID TAB PROVIDED BY M&S ENG	2	EA.		\$ 115.00	\$ 230.00
L19.a	Foundation, 25 kV T-Stand., Feeder Exit	NOT ON ORIGINAL BID TAB PROVIDED BY M&S ENG	8	EA.		\$ 216.00	\$ 1,728.00
K2	Unit K2 : Conduit and Cable trough	The PO released to Trenwa was increased by \$6,993.00 due to differences in Bid Purpose Only Prints and the Issued for Const Prints. The traffic rated cable trough increased by 56'	1	PKG		\$ 7,693.00	\$ 7,693.00
	LCRA stk # 3108025367 - 8" Spacer for 1033	NOT ON ORIGINAL BID TAB NOR SPECIFICATIONS. Per the request from the field crew supervisor.	18	EA.		\$ 75.00	\$ 1,314.00
	LCRA stk # 3108025368 - 12" Spacer for 1033	NOT ON ORIGINAL BID TAB NOR SPECIFICATIONS. Per the request from the field crew	9	EA.		\$ 105.00	\$ 945.00

Change Orders