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C.O. 2

JERGENSEN CONSTRUCTION

GENERAL ENGINEERING & GENERAL CONTRACTING

LICENSE A , B ,C8 # 536592

PROPOSAL	DATE 2/14/2022
	revised 3-3-22, revised again 3-14
OWNER County of San bernardino	PROJECT Sunset
	Revised 4-5-2022

WE HEREBY PROPOSE TO FURNISH THE FOLLOWING :
COST FOR RFI #2 AND #3 COMBINED . PER ENGINEERS RESPONSE
SEE ATTACHED COST BREAKDOWN

	BASE BID	\$15,629.65
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EXCLUDING
Edison fees if any

ALL WORK TO BE DONE IN STRICT ACCORDAGE WITH UBC,DSA AND LOCAL CODES,
 ALL MATERIAL IS TO BE PER PLANS AND SPECIFICATION UNLESS EXCLUDED ABOVE
 ALL WORK TO BE COMPLETED IN A WORKMANLIKE MANNER ACCORDING TO STANDARD PRACTICES
 ANY ALTERATION OR DEVIATION FROM THE ABOVE SPECIFICATIONS INVOLVING EXTRA COST
 WILL BE EXECUTED ONLY UPON WRITTEN ORDERS,AND WILL BECOME A CHANGE OVER AND
 ABOVE THE ESTIMATE,OWNER TO CARRY FIRE,THEFTAND COURSE OF CONSTRUCTION INSURANCE
 OUR WORKERS ARE COVER BY WORKMANS COMPENSATION INSURANCE. GENERAL LIBILITY
 INSURANCE OF 100000.ADDITIONAL INSURED ENDORSMENT IS AN ADDITIONAL FEE

ACCEPTANCE OF PROPOSAL

THE ABOVE PRICES ,SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEARBY
 ACCEPTED.YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED

DATE	SIGNATURE
	JERGENSENS CONSTRUCTION 9320 DAISY RD OAKHILLS CA 92345 760-947-4545 FAX 760-947-4550 MOBILE 760-792-0955

MATERIAL CONTINUED				
SNAP TIE	0	EA	2	0
JOHN A RENTAL	0	EA	2	0
TRUNCATED DOMES	0	EA	305	0
SELF LEVELING CAULKING	0	TUBE	35	0
CURING	0	5 GAL	105	0
TEMP FENCE RENTAL	0	EA	24	0
A.B. BOLT	0	EA	6	0
HOLD DOWNS	0	EA	21	0
SHOTS AND PIN	0	BOX'	45	0
CONCRETE SAW BLADE	0	EA	135	0
CONCRETE GRINDING	0	EA	35	0
GRINDING WHEEL METAL	0	EA	6	0
SAW BLADE WOOD	0	EA	14	0
TIE WIRE	0	EA	8	0
MARKING PAINT	0	EA	8	0
CONCRETE DRILL BITS	0	EA	78	0
WOOD DRILL BITS	0	EA	22	0

EQUIPMENT	QTY		SUB TOTAL COST / RATE	0.00
DUMP TRAILER	0	DAY	456	0
DUMP TRUCK	0	DAY	1545	0
Semi truck to move Backhoe	0	DAY	900	0
WORK TRUCK	0	DAY	400	0
LARGE BOBCAT	0	DAY	650	0
MID BOBCAT	0	DAY	550	0
BACKHOE	0	DAY	900	0
LOADER	0	DAY	1700	0
SWEEPER BUCKET	0	DAY	250	0
GRAPPLE BUCKET	0	DAY	250	0
BOBCAT AUGER	0	DAY	212	0
BOOM PUMP	0	DAY	3425	0
LINE PUMP	0	DAY	670	0
COMPACTION WHEEL	0	DAY	350	0
VIBER PLATE	0	DAY	110	0
ROLLER	0	DAY	850	0
ROTO HAMMER	0	DAY	45	0
BOBCAT BREAKER	0	DAY	325	0
AIR COMPRESSOR	0	DAY	425	0
90 LB JACK HAMMER	0	DAY	385	0
CONCRETE VIBRATOR	0	DAY	55	0
GENERATOR	0	DAY	55	0
CONCRETE WASH OUT	0	EA	700	0
TRASH BIN	0	EA	648	0
CHIPPING HAMMER	0	DAY	45	0
CONCRETE SAW WALK	0	DAY	200	0
CONCRETE SAW QUICKY	0	DAY	55	0
SOFT CUT SAW	0	DAY	105	0
HOSES	0	DAY	10	0
HAMMER DRILL	0	DAY	21	0
	0	DAY	2	0
WELDER	0	DAY	305	0
	0	DAY	35	0
	0	DAY	105	0

SPECIAL JOB EQUIPMENT		DAY		0
		DAY	0	0
		DAY	0	0
		DAY		0
PERDIEM		DAY		0
MILEAGE	0	MILE	0.28	0
HOTEL ROOM	0	DAY	75	0
				0
				0
				0
				0
				0
				0
				0
				0
				0
				0

0

COST BREAKDOWN SUMMARY AND DISCRIPTION

DISCRIPTION

REWORK PANEL A & B WITH DISCONNECT

EXCLUDING
WEEKEND WORK

LABOR	LABOR	1,596.00
MATERIAL	MATERIAL	0.00
EQUIPMENT	EQUIPMENT	0.00

SUB TOTAL	SUB TOTAL	1,596.00
CONTRACTORS PROFIT AND OVERHEAD 15%		239.40
CONTRACTORS SUB TOTAL		1,835.40

SUBCONTRACTORS WORK (see attached)		12,990.00
CONTRACTORS ON SUB'S WORK PROFIT AND OVERHEAD 5 %		649.50
SUBTOTAL		13,639.50
SUB TOTAL CONTRACTOR . SUBCONTRACTOR		15,474.90
BOND 1%		154.75
TOTAL CHANGE REQUEST		15,629.65

T. LINDSAY INC. dba
PERFORMANCE ELECTRIC
1680 South E Street Unit A-3
San Bernardino, CA 92408
Phone (760) 961-2132 Fax (760) 961-1552

April 5, 2022

Jergensen Construction
9320 Daisy Road
Oak Hills, Ca. 92345

Attn: Todd Jergensen
Re: Sunset Emergency Generator Replacement
COR #2-REVISED #3

Todd:

The following is Change Order Request #2-REVISED #3 for the Sunset Emergency Generator replacement Project.

This COR #2-R3 is for additional work per answers to RFI's #2 (Ernesto named it RFI #4) and #3.

Total cost for COR #2-R3 is \$12,990.00 and includes the following:

A. RFI #2:

- a. Replace Panel A with new 200-amp surface mounted panel with 200-amp main circuit breaker. Includes demo of existing panel. New breakers to match existing configuration.
- b. Install new 24"x24" pull can to splice existing feeders. Includes all insulated splices for conductors feeding new Panel A and new 200-amp disconnect.
- c. Purchase and install new 200-amp, 2-pole fused disconnect to feed existing Panel B. Includes all conduit work and conductors as required.
- d. Rental costs for four (4) 50' power leads. Power leads to connect between existing Panel B and new generator. Generator to power Panel B during re-work of distribution panels.
- e. Per request by County PM Ernesto Gonzalez, Panel A work will be completed in two (2) days, Monday thru Thursday, starting at 6:00am. Labor has been figured for 3 man crew for 8 hours per day to assure we meet this requirement.
- f. **Additional costs to expedite MCB breaker kit as directed by Ernesto Gonzalez via phone conversation.**

B. RFI #3:

- a. Shut down power and install new pull can at missing conduit coupling.
- b. Work must be completed before Panel B batteries expire.

C. Work performed during normal business hours. Saturday and Sunday are excluded from this quote.

D. All work performed in compliance to City, County and NEC codes.

NOTE: Refueling of generator from Panel A re-work is excluded from this proposal.

This extra will need to be approved prior to work being performed.

If you have any questions or comments, please contact me at 760-961-2132.

Sincerely,

PERFORMANCE ELECTRIC



Tim Lindsay
Vice President

PERFORMANCE ELECTRIC

DATE: April 5th, 2020

PROJECT:

Sunset Emergency Generator

PTC: Performance Electric

COR# 2-R3

COST PROPOSAL

DESCRIPTION OF CHANGE:

RFI #2 Revised and RFI #3
 ADDED COST TO EXPEDITE PANEL MAIN BREAKER

ITEM DESCRIPTION	MATERIAL			LABOR			EQUIPMENT			
	QUANTITY	UNIT COST	EXTENSION	LABOR UNITS	QUANTITY	RATE	EXTENSION	QUANTITY	UNIT COST	EXTENSION
RFI #2										
2" Plastic bushing	0.00	\$0.00	\$0.00			88.08	\$0.00			0.00
2" Insulated ground bushing	2.00	\$3.27	\$6.54			88.08	\$0.00			0.00
2" x12" RGS Nipple	4.00	\$45.06	\$180.24			88.08	\$0.00			0.00
2" Chase Nipple	1.00	\$102.48	\$102.48			88.08	\$0.00			0.00
24"X24"X8" NEMA 1 Pullcan	3.00	\$16.74	\$50.22			88.08	\$0.00			0.00
#6 THHN conductor	1.00	\$676.24	\$676.24			88.08	\$0.00			0.00
#3/0 THHN conductor	45.00	\$1.69	\$76.05			88.08	\$0.00			0.00
2" locknut	135.00	\$5.71	\$770.85			88.08	\$0.00			0.00
200-amp 2P fused disconnect	4.00	\$3.69	\$14.76			88.08	\$0.00			0.00
200-amp Mersen Fuse	1.00	\$687.54	\$687.54			88.08	\$0.00			0.00
#6 insulated splice	2.00	\$55.17	\$110.34			88.08	\$0.00			0.00
#3/0 insulated splice	2.00	\$50.58	\$101.16			88.08	\$0.00			0.00
200-amp Panel A	6.00	\$70.22	\$421.32			88.08	\$0.00			0.00
Generator Power Cord Rental (4 tails)	1.00	\$2,008.50	\$2,008.50			88.08	\$0.00			0.00
Additional costs for expedited MCB breaker kit		\$0.00	\$0.00			88.08	\$0.00		1	544.80
3 man crew for 8 hours each straight time labor rates X 2 days	1.00	\$559.00	\$559.00			88.08	\$0.00			0.00
			\$0.00		48.00	88.08	\$2,113.92			0.00
RFI #3			\$0.00			88.08	\$0.00			0.00
4" RGS Coupling	1.00	\$101.79	\$101.79			88.08	\$0.00			0.00
24"X24"X8" NEMA 1 Pullcan	1.00	\$676.24	\$676.24			88.08	\$0.00			0.00
2 man crew 8 hours straight time each			\$0.00		16.00	88.08	\$1,409.28			0.00
			\$0.00				\$0.00			0.00
SUBTOTALS:			\$6,543.27				\$3,523.20			544.80

PTC MATERIAL

6,543.27

PTC SALES TAX (8.75%)

572.54

A) PTC MATERIAL SUBTOTAL	7,115.81	\$7,115.81	
B) PTC TOTAL LABOR	3,523.20	\$3,523.20	
C) PTC TOTAL EQUIPMENT	544.80	<u>\$544.80</u>	
D) SUBTOTAL (A + B + C)		\$11,183.81	\$11,183.81
E) PTC (15%) OH&P of Line D	1,677.57		
E) SUBCONTRACTOR SUBTOTAL DIRECT COSTS	0.00		
E) 10% PTC FEE ON SUBCONTRACTOR DIRECT COSTS	<u>0.00</u>		
E) SUBTOTAL	1,677.57	<u>\$1,677.57</u>	
F) SUBTOTAL (D + E)	12,861.38	\$12,861.38	\$12,861.38
G) PTC Bond (1% Line F)	128.61		\$0.00
H) PTC Insurance (1% Line F)	128.61		<u>\$128.61</u>
TOTAL CHANGE ORDER			\$12,989.99

PREPARED & SUBMITTED BY: Tim Lindsay

TITLE/COMPANY: VP - PERFORMANCE ELECTRIC



REQUEST FOR INFORMATION

Name: Ernesto Gonzalez

RFI#: 3

Project Name: GENERATOR SUNSET

Date: 2/9/2022

Return Requested By: Todd Jergensen

To: 0
0
0

From: Todd Jergensen
JERGENSEN'S CONSTRUCTION
Email tjergensen@msn.com
Office # 760-947-4545
Fax #: 760-947-4550

Subject: 4" RIGID COUPLING

Spec Reference:

Drawing Reference: electrical

Description/Message:

See attached RFI form Performance Electric

Reply:

SEE RESPONSE on Page 2.

By:

Date:

(1)

PERFORMANCE ELECTRIC

22625 Mojave Street, Apple Valley, CA 92308 Phone: (760) 961-2132 Fax: (760) 961-1552

License #713154

REQUEST FOR INFORMATION

Date: 2-16-22 RFI #: #4

Project Name: Little Sunset

Owner: San Bernardino County

To: JC Construction Phone #: 760-559-8845 Fax#

Attention: Todd Jergensen **From:** Joel Hunter

Plan Reference: E-7.1 Detail Reference: 1 Spec Reference:

Request: Upon inspection of the feeder conductors for existing Panel A and exiting Panel B, an illegal installation has been discovered that is non-code compliant. The feeder conductors to Panel B are spliced inside Panel A via split-bolt connectors. The feeder length to Panel B is over 90' long from the over-current protection breaker in both the new generator and/or the meter cabinet main breaker. This exceeds both NEC codes for 10' or 25' tap rules.

Existing Panel A is a 30-circuit load center. There is not room for the TVSS breaker, nor room to add a breaker for Panel B.

A full load test was conducted with the County of San Bernardino, and the total combined load for the building is 92 amps.

To eliminate the illegal and non-code compliant splice, and to make room for the TVSS breaker, the following is suggested:

- Replace existing Panel A with a 200-amp, 42 circuit panelboard. Panel A to have a 200-amp MCB.
- Install 100-amp breaker in Panel A to feed Panel B
- Either replace Panel B load center MCB with a 100-amp – or – Replace Panel B with a new panelboard.
- Due to current conditions with an existing gutter raceway below Panel A, the gutter raceway will need to be re-worked to accommodate the new, taller 42-circuit Panel A.
- Re-work existing 4" RGS feeder to Panel A to accommodate the new Panel A

②

If the County chooses to stay with the non-complaint tap rule, we suggest installing a new pull can above Panel A for the splices. However, this does not solve the issue of no breaker space for the new TVSS in Panel A.

Date Required by ASAP _____

CC:

Impact Contract Time: TBD

Impact Contract Cost?: TBD

R.F.I. Response:

Response:

- Replace existing panel 'A' with new double lugs at line side, so it can have line side tap to the existing Panel 'B'.
- Install 200Amp external disconnect switch next to Panel 'A' for Panel 'B'.

Andy Chan
Salas O.Brien

REQUEST FOR INFORMATION

Name: Ernesto Gonzalez

RFI#: 2

Project Name: GENERATOR SUNSET

Date: 2/9/2022

Return Requested By: Todd Jergensen

To: 0
0
0

From: Todd Jergensen
JERGENSEN'S CONSTRUCTION
Email tjergensen@msn.com
Office # 760-947-4545
Fax #: 760-947-4550

Subject: PANEL A

Spec Reference:
Drawing Reference: electrical

Description/Message:

After the shut down at Little Sunset on 2/9/22 It has come to our attention that Panel A is too small to be able to handle the splicing that needs to take place. See attached comments from Performance Electric. Please advise. The cost will be a few days out.

Reply:

Per discussion with County, replace existing panel 'A' with double lugs to accommodate Panel 'B' connection and new TVSS connection. Provide cost impact to County for approval prior to any installation.

Andy Chan
Salas O'Brien

By:

Date:

PERFORMANCE ELECTRIC

22625 Mojave Street, Apple Valley, CA 92308 Phone: (760) 961-2132 Fax: (760) 961-1552

License #713154

REQUEST FOR INFORMATION

Date: 2-9-22 RFI #: #2

Project Name: Little Sunset

Owner: San Bernardino County

To: Jergensen Construction Phone #: 760-559-8845

Fax# _____

Attention: Todd From: Joel Hunter

Plan Reference: E7.1 Detail Reference: 1 Spec Reference: _____

Request: After today's shut down at Little Sunset it has come to our attention that Panel A is

too small to be able to handle the splicing that needs to take place. The existing panel is a load center not full commercial size panel. Right now, inside panel A the panel B feeders are spliced into the main feeders with split bolt connections. There physically is not enough room to add an additional splice for the TVSS feeds. The inspector has seen the panel. We suggest to purchase a new commercial panel that is 6" deep and to put panel B feeders on its own breaker. Please advise.

On sheet

Date Required by ASAP _____ CC: _____

Impact Contract Time: TBD Impact Contract Cost?: Yes

R.F.I. Response:

Response:



REQUEST FOR INFORMATION

Name: Ernesto Gonzalez

RFI#: 4

Project Name: GENERATOR SUNSET

Date: 2/16/2022

Return Requested By: Todd Jergensen

To: 0

From: Todd Jergensen

JERGENSEN'S CONSTRUCTION

Email tjergensen@msn.com

Office # 760-947-4545

Fax #: 760-947-4550

Subject: Feeder Conductor

Spec Reference:

Drawing Reference: electrical

Description/Message:

After further review by Tim the Owner of Performance Electric Non code compliant items need to be addressed. See attached document with additional explanation.

Reply:

SEE RESPONSE on Page 3.

By: 

Date: 02/16/2022

①

PERFORMANCE ELECTRIC

22625 Mojave Street, Apple Valley, CA 92308 Phone: (760) 961-2132 Fax: (760) 961-1552

License #713154

REQUEST FOR INFORMATION

Date: 2-9-22 RFI #: #3

Project Name: Little Sunset

Owner: San Bernardino County

To: Jergensen Construction Phone #:760-559-8845

Fax#

Attention: Todd From: Joel Hunter

Plan Reference: E7.1 Detail Reference: 1 Spec Reference:

Request: After today's shut down at Little Sunset it has come to our attention that there never was a 4" rigid coupling installed on the existing conduit. The 4" nipple that rises out of the ground that went into the generator building is missing a rigid coupling. Suggestion is to dig up conduit nipple and install a new rigid coupling and reinstall the nipple into our new pull can. The inspector is aware of the missing coupling. Please advise.

On sheet

Date Required by ASAP

cc:

Impact Contract Time: TBD

Impact Contract Cost?: Yes

R.F.I. Response:

Response:

Please install new rigid coupling per suggestion.

Andy Chan
Salas O'Brien
2/10/2022

