

# Job Estimate Face Sheet - 35328944 - E

## Version: 1 - Latest Calc Totals: 04/22/22 01:52PM

Project Name:	STS-POLE_LEAN_REPL - #2S 4515 ORD FERRY	Notification:	000122085624
Address:	#2S 4515 ORD FERRY RD W/2 TRANS	Order Type:	E460
City:	Chico	PM Order Number:	35328944
County:	Butte County	Estimate Status:	ESTS
Applicant Contact Name:		Applicant Contact Phone:	
Job Owner Name:	Suzanne Cleland(SXCA)	ADE Name:	
MAT Code(s):	2AA	Estimator Name:	Nathaniel Castillo(N2CL)
Est. Start Date:	03/04/2022	Est. End Date:	04/22/2022
Const. Start Date:	06/09/2022	Const. End Date:	09/21/2022
MLX:	NONE	Prior MLX:	NONE
BA Program:			

### Job Story

Design Option:	PGE	Electric Trenching Cost:	No Elec. Trench Costs
Trenching Option:	-	Subdivision Type:	Not Subdivision
Construction Option:	PGE	Betterment:	-
Cust Owned Facility:	-		

Replace deteriorated pole. Job is within scope and unit costs. Notif# 122085624. Environmental review required. Truck access to pole . Tier LRA 1.

### Permits

### Agreements

### Other Requirements

[x]Environmental Services -

Job Labor	PG&E Hours		Applicant	
Type	Onsite	Travel	Onsite	Travel
Elec	37.7	7.5	-	-

### Financial Summary (\$)

PGE Direct Cost:	8,714	Applicant Non-Rdf Work:	-
Applicant	-	Gross Financial Cost:	19,714
Overheads & Material:	9,237	Joint Utility Net:	-
AFUDC:	-	Applicant Cash:	-
Install Revolving Stock:	2,397		
Total Job Cost:	20,348	Job Net:	19,714

### MAT Desc:

OH Genl Repl

### Primary Unit Desc:

### Planned Units:

\_\_\_\_\_  
Supervisor:

Lan ID

\_\_\_\_/\_\_\_\_/\_\_\_\_  
Date

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## Globals

### Design Globals

<b>Insulation District:</b>	Least (D)	<b>Accessibility:</b>	ACCESSIBLE
<b>Corrosion District:</b>	Non-Corrosion Area	<b>Traffic Conditions:</b>	RURAL
<b>Pri Operating Voltage:</b>	12	<b>Travel:</b>	20%
<b>Primary Connection:</b>	Line to Line	<b>Soil Conditions:</b>	DIRT
<b>County:</b>	004-Butte County	<b>Pole -Trench:</b>	NORMAL
<b>Receiver Cost Center:</b>	10172	<b>Construct By:</b>	Division
<b>Loading District:</b>	Light		
<b>L/A District :</b>	2		
<b>Resp Area:</b>	LRA		
<b>HFTD:</b>	None		
<b>Fire Area:</b>	N		
<b>Raptor Area:</b>	Y		

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## Contact Info

<b>Electric Planning Eng:</b>	-	<b>Gas Planning Eng:</b>	-
<b>Env. Rep:</b>	-	<b>Sr.Gas DE:</b>	-
<b>Land Tech.:</b>	-	<b>Corr Mech.:</b>	-
<b>Project Mgr.:</b>	-	<b>IR Supv.:</b>	-
<b>FE/FET:</b>	-	<b>Gas Est Support:</b>	-
<b>Meter Tech.:</b>	-		

# Financial Details - 35328944 - E

## Version: 1 - Latest Calc Totals: 04/22/22 01:52PM

Category	PG&E			Applicant			Totals
	Install	Remove	Subtotal	Install	Remove	Subtotal	
Direct Labor	2,981	787	3,768	-	-	-	3,768
Escalation Labor	-	-	-	-	-	-	-
Labor Overhead	6,218	1,641	7,859	-	-	-	7,859
Pension,Benefits,Ins	-	-	-	-	-	-	-
Labor Subtotal	9,199	2,428	11,627	-	-	-	11,627
Direct Material	4,946	-	4,946	-	-	-	4,946
Escalation Material	-	-	-	-	-	-	-
Material Burden	1,378	-	1,378	-	-	-	1,378
Pension,Benefits,Ins	-	-	-	-	-	-	-
Material Subtotal	6,324	-	6,324	-	-	-	6,324
Direct Other	-	-	-	-	-	-	-
Escalation Other	-	-	-	-	-	-	-
Pension,Benefits,Ins	-	-	-	-	-	-	-
Other Subtotal	-	-	-	-	-	-	-
AFUDC	-	-	-	-	-	-	-
Rev Stock	2,397	-	2,397	-	-	-	2,397
Total Job Cost **	17,920	2,428	20,348	-	-	-	20,348
Applicant Non-Rfd Work *	-	-	-	-	-	-	-
Gross	17,286	2,428	19,714	-	-	-	19,714
Joint Utility Net	-	-	-	-	-	-	-
Applicant Cash	-	-	-	-	-	-	-
Net	17,286	2,428	19,714	-	-	-	19,714

# Activity Labor Summary - 35328944 - E

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Activity Type	Task	Description	Std Txt Key	Crew Class	PG&E		Applicant	
					On-Site	Travel	On-Site	Travel
CONSTR	Cable & TX	Construction Services	CNSTRN	ED_OH_1	13.9	2.8	-	-
CONSTR	Cable & TX	Construction Services	CNSTRN	ED_OH_3	9.9	2.1	-	-
CONSTR	Cable & TX	Construction Services	CNSTRN	ED_OH_2	13.9	2.6	-	-
Total					37.7	7.5	-	-

# Activity Item Cost Summary - 35328944 - E

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Agent: PGE

AIN	AIN Desc	Hours	Labor	Material	RevStock	Other	Gross	JP Net
0000	INTERNAL WORK - NOT NB BETTERMENT - NON- OPTIONAL	45.2	3,771	4,946	1,764	9,238	19,715	-

# Labor & Material Detail - 35328944 - E

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PG&E			Applicant	
Activity Type	On-Site	Travel	On-Site	Travel
CONSTR	38	8	-	-
Total	38	8	-	-

Agent: PGE AIN: 0000

Qty	Unit	Code	Description	Rate	Cost	Gross	JP Net
1	EA	181215	BRACKET CLEARANCE INSULATOR 30	-	-	-	-
1	EA	195274	WASHER FLAT 5/8" GALV WRT STL	-	-	-	-
3	FT	290159	WIRE ELEC BARE AL 6 AWG 2 LB H	-	-	-	-
6	FT	290299	WIRE ELEC INSL AL TIE 4 AWG 50	-	1	2	-
1	EA	180134	BRACKET MOUNTING CUTOUT	-	-	-	-
2	EA	192317	BOLT MACH 5/8"DIA 12"LG GALVS	-	-	-	-
2	EA	195286	WASHER FLAT 5/8" GALV SQ	-	-	-	-
3	EA	330306	CUTOUT POLYMER OPEN DROPOUT 27	130	391	494	-
3	EA	561592	GUARD HOT STICKABLE UNIV CUTOU	-	-	-	-
3	EA	333268	FUSE LINK CUTOUT 0006A TYPE-T	4	11	14	-
1	EA	033501	WASHER SPRING CLIP GALVS 3/4"	137	137	173	-
2	EA	195293	WASHER 3/4" GALVS 3" X 3" SQ C	-	-	-	-
1	EA	149042	COVER BOLT INSULATING RECTANGU	-	-	-	-
1	EA	149044	COVER BOLT INSULATING SQUARE	-	-	-	-
2	EA	192408	BOLT MACH 3/4"DIA 14"LG GALVS	-	-	-	-
4	EA	192783	BOLT MACH 5/8"DIA 1-3/4"LG STL	-	-	-	-
4	EA	192335	BOLT MACH 3/4"DIA 2" LG GALVS	-	-	-	-
1	EA	180119	BRACKET MOUNTING TRANSFORMER F	-	-	-	-
2	EA	260134	TRANSFORMER OH PB 25KVA 12KV-1	1199	2,398	3,032	-
32	FT	294321	CABLE ELEC INSUL COP 600V 2/0	4	131	166	-
8	FT	294320	CABLE ELEC INSUL COP 600V 2 AW	-	-	-	-
47	FT	290073	WIRE ELEC BARE COP 4 AWG 6 LB	-	2	2	-
2	EA	187013	ROD GROUND 5/8" X 8'	13	26	34	-
2	EA	187012	CLAMP GROUND ROD 5/8"	-	-	-	-
1	PK	188701	LAG & PLATE POLE STEP W/ NAIL	1	1	1	-
14	EA	188067	STEP POLE 5/8"X10" WOOD POLES	2	33	42	-
3	EA	033320	WASHER SPRING CLIP GALVS 5/8"	71	213	271	-
1,500	USD	L00018	ENVIRONMENTAL CONSULTANTS \$	1	1,500	1,500	-
45	HRS	CONSTR	Construction Services	83	3,771	11,631	-
3	EA	188388	DAMPER VIBRATION SPIRAL ACSR #	4	12	15	-
1	EA	140345	POLE WOOD 45' CLASS 3	855	855	1,081	-
1	EA	197146	NAIL 2-1/2" X 6 GAUGE DATING F	-	-	-	-
0	LB	197057	NAIL 1-1/2" GALVANIZED #11 RF	-	-	-	-
3	EA	373271	STRIP ALUMINUM VISIBILITY WOO	-	-	-	-
1	KT	164193	CROSSARM C-419-3 HARDWARE KIT	107	107	135	-
1	EA	150591	CROSSARM COMPOSITE TANGENT 8'	197	197	249	-
4	EA	310010	INSULATOR PIN TYPE POLTHN 1" P	5	21	27	-
3	EA	188543	TIE FORMED INSULATOR TOP .246"	3	8	10	-
1	KT	164220	CROSSARM C-422-0 HARDWARE KIT	16	16	20	-
1	EA	180068	CROSSARM COMPOSITE 8' LIGHT DU	321	321	405	-
3	EA	310055	INSULATOR DEAD-END 25KV COMPOS	16	48	60	-
3	EA	184343	DEAD END CLEVIS #4 STR ACSR AU	7	21	27	-

Qty	Unit	Code	Description	Rate	Cost	Gross	JP Net
1	AY	160076	DOWN GUY AY 5000 LBS 5/16" CA	152	152	192	-
1	EA	373351	TAG IDENTIFICATION MULTI PWR I	51	51	65	-
1	EA	185146	EYENUT TRIPLE EYE 1"	-	-	-	-
1	EA	185138	ANCHOR SCREW 8" SINGLE HELIX	-	-	-	-
1	EA	185144	ROD ANCHOR SCREW 1" X 7'	-	-	-	-
1	EA	186045	GUARD GUY YELLOW PLASTIC	4	4	5	-
0	PK	373278	STRIP 2" X 6" REFLECTIVE SCOTC	-	-	-	-
3	ST	031792	ROD TAP GUARD #4 STRANDED ACSR	2	5	7	-
3	EA	300547	CLAMP CABLE #6 - 397.5 KCM HOT	15	45	57	-
36	FT	290287	WIRE ELEC INSL COP 6 AWG 600V	-	2	2	-
15	FT	290288	WIRE ELEC INSL COP 4 AWG 600V	-	1	1	-

**Plant To Be Retired - 35328944 - E**  
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Work Function	Work Stream	Component Description	Quantity	Unit	Cu Description	Year Installed
REMOVE	DISTRIBUTION	Pole, Wood	1	EA	Remove Pole, Wood, Up to 50'	1955
REMOVE	DISTRIBUTION	Crossarm	2	EA	Remove XArm Asm, SGL, All types <12'	1955
REMOVE	DISTRIBUTION	Conductor	1	EA	Remove Insulator Set	1955
REMOVE	DISTRIBUTION	Transformer	1	EA	Remove Cutouts/Disconnect Full Set, Equip	1955
REMOVE	DISTRIBUTION	Transformer	1	EA	Remove TX, OH, 3Ph, 75 kVA and Smaller	1955
REMOVE	DISTRIBUTION	Pole, Wood	1	EA	Remove Anchor, All Types	1955





Version: 1

## ADE Report - 35328944-E

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### Project Level

Work Agent: PGE

AIN	Work Function	CU Qty	CU Description	Material Code	Qty	Unit	Material Description
0000	INSTALL	1,500.00	Environmental Consultant	PL00018	1.00	USD	ENVIRONMENTAL CONSULTANTS \$

LOC\_1 D.,

LOC\_1 D - I.,

Work Agent: PGE

AIN	Work Function	CU Qty	CU Description	Material Code	Qty	Unit	Material Description
0000	INSTALL	1.00	Pole, Wood, 45', CL3	M140345	1.00	EA	POLE WOOD 45' CLASS 3
				M197146	1.00	EA	NAIL 2-1/2" X 6 GAUGE DATING FOR POLES
				M197057	0.08	LB	NAIL 1-1/2" GALVANIZED #11 RFG BARBED
				M373271	3.00	EA	STRIP ALUMINUM VISIBILITY WOOD POLES
0000	INSTALL	1.00	XArm HDWR, 3W Tan/Ang-Tri,LT Pin,C-419-3	M164193	1.00	KT	CROSSARM C-419-3 HARDWARE KIT
0000	INSTALL	1.00	XArm, 8', Composite Tangent	M150591	1.00	EA	CROSSARM COMPOSITE TANGENT 8'
0000	INSTALL	3.00	Ins, Pin, Poly, 1" Pin, HPI-55-4	M310010	1.00	EA	INSULATOR PIN TYPE POLTHN 1" PIN 15KV
0000	INSTALL	3.00	Formed Top Tie, 4 ACSR	M188543	1.00	EA	TIE FORMED INSULATOR TOP .246"-.310" DIA
0000	INSTALL	1.00	XArm HDWR, 3W DE, W/CL DE, C-422-0	M164220	1.00	KT	CROSSARM C-422-0 HARDWARE KIT
0000	INSTALL	1.00	XArm, Composite DE , 8', LT	M180068	1.00	EA	CROSSARM COMPOSITE 8' LIGHT DUTY DEADEND
0000	INSTALL	3.00	Ins, DE, Composite, PT2	M310055	1.00	EA	INSULATOR DEAD-END 25KV COMPOSITE
0000	INSTALL	3.00	DE, Automatic, Clevis Type, 4 ACSR	M184343	1.00	EA	DEAD END CLEVIS #4 STR ACSR AUTO
0000	INSTALL	1.00	Down Guy Asm, 5/16" Galv	M160076	1.00	AY	DOWN GUY AY 5000 LBS 5/16" CA
0000	INSTALL	1.00	Anchor Asm, PISA, Single 8", 1"x 7" Rod	M373351	1.00	EA	TAG IDENTIFICATION MULTI PWR INSTR SCREW
				M185146	1.00	EA	EYENUT TRIPLE EYE 1"
				M185138	1.00	EA	ANCHOR SCREW 8" SINGLE HELIX
				M185144	1.00	EA	ROD ANCHOR SCREW 1" X 7'
0000	INSTALL	1.00	Guy Marker, Yellow, 8', w/Vis Strip	M186045	1.00	EA	GUARD GUY YELLOW PLASTIC
				M373278	0.12	PK	STRIP 2" X 6" REFLECTIVE

**Version: 1**  
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SCOTCHLITE							
0000	INSTALL	3.00	Tap Line Guard, 4ACSR	M031792	1.00	ST	ROD TAP GUARD #4 STRANDED ACSR
0000	INSTALL	3.00	Tap Clamp, 4-397AL, 4-4/0AL & 6-4/0CU	M300547	1.00	EA	CLAMP CABLE #6 - 397.5 KCM HOT LINE AL
0000	INSTALL	36.00	Jumper, 6 Cu, Raptor Insulated Wire	M290287	1.00	FT	WIRE ELEC INSL COP 6 AWG 600V 40' COIL
0000	INSTALL	15.00	Jumper, 4 Cu, Raptor Insulated Wire	M290288	1.00	FT	WIRE ELEC INSL COP 4 AWG 600V 40' RL
0000	INSTALL	1.00	BKT, 30" Insul Clearance, 1" Pin	M033320	1.00	EA	WASHER SPRING CLIP GALVS 5/8"
				M181215	1.00	EA	BRACKET CLEARANCE INSULATOR 30" OAL
				M195274	1.00	EA	WASHER FLAT 5/8" GALV WRT STL ROUND
				M290159	3.00	FT	WIRE ELEC BARE AL 6 AWG 2 LB HAND COIL
0000	INSTALL	1.00	Ins, Pin, Poly, 1" Pin, HPI-55-4	M310010	1.00	EA	INSULATOR PIN TYPE POLTHN 1" PIN 15KV
0000	INSTALL	1.00	Tie Wire, #4 Soft Drawn Insulated Al	M290299	6.00	FT	WIRE ELEC INSL AL TIE 4 AWG 50 FT COIL
0000	INSTALL	1.00	BKT, Cutout & LA, 3Ph	M033320	2.00	EA	WASHER SPRING CLIP GALVS 5/8"
				M180134	1.00	EA	BRACKET MOUNTING CUTOUT
				M192317	2.00	EA	BOLT MACH 5/8"DIA 12"LG GALVS SQ HD
				M195286	2.00	EA	WASHER FLAT 5/8" GALV SQ
0000	INSTALL	1.00	Cutout, PT44H, Polymer, Equipment, 3EA	M330306	3.00	EA	CUTOUT POLYMER OPEN DROPOUT 27KV 100A
				M561592	3.00	EA	GUARD HOT STICKABLE UNIV CUTOUT
0000	INSTALL	2.00	Fuse, 6A, Universal, Type T	M333268	1.00	EA	FUSE LINK CUTOUT 0006A TYPE-T UNIVERSAL
0000	INSTALL	1.00	Fuse, 6A, Universal, Type T	M333268	1.00	EA	FUSE LINK CUTOUT 0006A TYPE-T UNIVERSAL
0000	INSTALL	1.00	BKT, 2 TX MTG, Open Delta	M033501	1.00	EA	WASHER SPRING CLIP GALVS 3/4"
				M195293	2.00	EA	WASHER 3/4" GALVS 3" X 3" SQ CURVED
				M149042	1.00	EA	COVER BOLT INSULATING RECTANGULAR
				M149044	1.00	EA	COVER BOLT INSULATING SQUARE
				M192408	2.00	EA	BOLT MACH 3/4"DIA 14"LG GALVS SQ HD
				M192783	4.00	EA	BOLT MACH 5/8"DIA 1-3/4"LG STL SQ HD
				M192335	4.00	EA	BOLT MACH 3/4"DIA 2" LG GALVS SQ HD

**Version: 1**  
**ADE Report - 35328944-E**  
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				M180119	1.00	EA	BRACKET MOUNTING TRANSFORMER FIGURE 19
0000	INSTALL	1.00	TX, OH, 1Ph, 25kVA, 12/21, 120/240	M260134	1.00	EA	TRANSFORMER OH PB 25KVA 12KV-120V
0000	INSTALL	1.00	TX, OH, 1Ph, 25kVA, 12/21, 120/240	M260134	1.00	EA	TRANSFORMER OH PB 25KVA 12KV-120V
0000	INSTALL	1.00	Sec Leads, OD Power TX,25kVA TX, 2-2/0Cu	M294321	16.00	FT	CABLE ELEC INSUL COP 600V 2/0 AWG PVCTHW
0000	INSTALL	1.00	Sec Leads, 1Ph 25 kVA TX, 2-2/0Cu/1-2Cu	M294321	16.00	FT	CABLE ELEC INSUL COP 600V 2/0 AWG PVCTHW
				M294320	8.00	FT	CABLE ELEC INSUL COP 600V 2 AWG PVCTHW
0000	INSTALL	1.00	GRD ASM, Riser, 4CU	M290073	47.00	FT	WIRE ELEC BARE COP 4 AWG 6 LB HAND COIL
0000	INSTALL	1.00	GRD Rod, 5/8"x8'	M187013	1.00	EA	ROD GROUND 5/8" X 8'
				M187012	1.00	EA	CLAMP GROUND ROD 5/8"
0000	INSTALL	1.00	GRD Rod, 5/8"x8'	M187013	1.00	EA	ROD GROUND 5/8" X 8'
				M187012	1.00	EA	CLAMP GROUND ROD 5/8"
0000	INSTALL	1.00	Pole Steps, Kit, 5 Removeable	M188701	1.00	PK	LAG & PLATE POLE STEP W/ NAIL
0000	INSTALL	14.00	Pole Step, 5/8"x10"	M188067	1.00	EA	STEP POLE 5/8"X10" WOOD POLES
0000	INSTALL	3.00	Vibration Damper, Spiral, 2ACR	M188388	1.00	EA	DAMPER VIBRATION SPIRAL ACSR #4&#2 AWG

**LOC\_1 D - R.**

**Work Agent: PGE**

AIN	Work Function	CU Qty	CU Description	Material Code	Qty	Unit	Material Description
0000	REMOVE	1.00	Remove Pole, Wood, Up to 50'				
0000	REMOVE	2.00	Remove XArm Asm, SGL, All types <12'				
0000	REMOVE	1.00	Remove Insulator Set				
0000	REMOVE	1.00	Remove BKT, Single				
0000	REMOVE	1.00	Remove Cutouts/Disconnect Full Set,Equip				
0000	REMOVE	1.00	Remove TX, OH, 3Ph, 75 kVA and Smaller				
0000	REMOVE	1.00	Remove Anchor, All Types				
0000	REMOVE	1.00	Remove Down Guy, All Sizes				