

Project Name: Wild Springs Solar Project

Date: 03/07/2024

WPS Project Number: 0007627.00

By: KDM/CAB

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Project Size	163 Quantity	MW-DC Unit	128.00 Unit Cost	MW-AC Total Cost	9/25/2020 Estimated Costs
Mobilization/Demobilization	1	Lump Sum	\$891,000.00	\$891,000	\$1,022,000
*the Unit/Total Cost has been revised as it is based on 7% of the current to	tal decomissioning cost	·		. ,	
Permitting					
State Permits	1	Lump Sum	\$10,000.00	\$10,000	\$10,000
Subtotal Permitting	-	Lump Jum	¥10,000.00	\$10,000	\$10,000
*Decommissioning will require a SWPPP and SPCC plan, cost is an estimate	of the permit preparati	on cost.		¥10,000	720,000
3	7 - 1 - 1 - 1 - 1 - 1				
Civil Infrastructure					
Removal Gravel Surfacing from Road	32,744.3	Cubic Yards (BV)	\$4.84	\$158,482	\$187,845
*the Quantity and Total Cost have been lowered due to a decrease in total	inverters which led to a	decrease in total road	l lengths built.		
Haul Gravel Removed from Road	40,930.4	Cubic Yards (LV)	\$12.19	\$498,942	\$770,430
*the Quantity and Total Cost has been lowered due to a decrease in total r	oad lengths and change	s in RSMeans values.			
Disposal of Gravel Removal from Road	53,045.8	Tons	\$0.00	\$0	\$0
*the Quantity and Total Cost have been lowered due to a decrease in total	inverters which led to a	decrease in total road	l lengths.		
Grade Road Corridor (Re-spread Topsoil)	51,567.4	Linear Feet	\$3.69	\$190,284	\$120,905
*the Quantity and Total Cost have been lowered due to changes in RSMea		-			
Erosion and Sediment Control for Road Restoration	38,675.5	Linear Feet	\$3.48	\$134,591	\$151,927
*the Quantity and Total Cost have been lowered due to changes in RSMean				4	4
Turf Establishment on Removed Road Area	26.5	Acres	\$4,250.00	\$112,625	\$224,956
*the Quantity and Total Cost have been lowered due to changes in RSMean		-		¢500 200	¢602.254
Removal of Security Fence	91,787.5	Linear Feet	\$6.54	\$600,290	\$603,254
*the Quantity and Total Cost have been lowered due to changes in RSMea. Subtotal Civil Infrastructure	ns values.			\$1.695.214	¢2.050.216
Civil removal costs are a combination of SDDOT unit costs where app	licable BS Means cost	for project zin area	and industry standars	. , ,	\$2,059,316
Westwood. Based on the Landfill, many landfills do not charge for "i				•	
landfill.	nere materials, the gr	ave. can be used to.	adily cover and cone	ases at a	
Structural Infrastructure					
Removal Tracker Steel Foundation Posts	54,230	Each	\$17.50	\$949,025	\$1,416,268
*the Quantity and Total Cost have been lowered due to changes in RSMea	ns values and a decrease	e in the total number o	of tracker blocks built.		
Haul Tracker Steel Post	4,338.4	Tons	\$7.54	\$32,712	\$64,813
*the Quantity and Total Cost have been lowered due to the total number of	f tracker blocks being re	educed in the construct	ted design.		
Removal of Tracker Row Racking	4,563.0	Each	\$113.01	\$515,665	\$1,114,411
* the Quantity and Total Cost have been lowered due to changes in RSMed	ns values and a decreas	e in the total number	of tracker blocks built, v	vhich reduced	
the total number of motor posts.	8.675.4	Ton	¢7.54	¢65 412	¢120 002
Haul Tracker Row Racking to Recycler	-,-	Ton	\$7.54	\$65,413	\$138,882
*the Quantity and Total Cost have been lowered due to a decrease in the t Remove and Load Metstation Foundation	otal number oj tracker b 4	EA	\$917.40	\$3,670	\$3,718
*the Quantity and Total Cost have been lowered due to a decrease in the t	· ·		3317.40	\$3,070	33,718
Haul Concrete	58	Tons	\$16.51	\$958	\$1,031
*the Quantity and Total Cost have been lowered due a decrease in the total			710.51	٥٥وږ	71,031
Disposal of Concrete from Foundation	58	Tons	\$40.25	\$2,335	\$2,918
*the Quantity and Total Cost have been lowered due a decrease in the total			Ų-10.23	72,333	72,510
Subtotal Structural Infrastructure				\$1.569.775	\$2,742,040
Steel removal costs were calculated by using information from array	manufacturers for inst	tallation rates and us	sing the same rates to	, ,,	, , , , , , , , , , , , , , , , , , ,
days to remove equipment. Hauling calculations are based on the loc			•		
mile rate and \$40.25/ton for tipping fees.			,	- , , ,	
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Electrical Collection/Transmission System					
Removal of PV Panels	347,580	Each	\$13.94	\$4,845,265	\$4,726,494
*the Unit Price and Total Cost have been increased due to changes in RSMeans value.		E. J.	¢60.00	¢24.200	ć72.cc0
Removal of Combiner Boxes	570	Each	\$60.00	\$34,200	\$72,660
*the Quantity and Total Cost have been lowered due to a decrease in the total num	ber of PV Panels	built, reducing the i	number of combiner boxe	es needed.	
Removal of PCU Station (Inverters/Panelboard/Transformer)	40	Each	\$2,334.96	\$93,398	\$178,601
*the Quantity and Total Cost have been lowered due to a decrease in the total num				¢c 022	ć12 270
Haul Inverters and Transformers to Recycler *the Quantity and Total Cost have been lowered due to a decrease in the total num	40 ther of PV Panels	Each	\$150.80	\$6,032	\$13,270
Removal of Scada Equipment	1	Each	\$5,000.00	\$5,000	\$5,000
Removal of DC Collector System Cables (copper)	19,963	LF	\$0.52	\$10,381	\$4,155
*the Quantity, Unit Cost, and Total Cost have been increased due to an increase in	panels and invert	ers for the construc	ted design as well as cha	nges in	
RSMeans values			**	4	4
Removal of Underground (AC) Medium Voltage System Cables *the Quantity and Total Cost have been decreased due to the AC/MV collection bui	4,800 It being buried at	LF least 48" and the a	\$0.57 ssumption that it will be	\$2,736 abandoned in	\$124,643
place. Service whips and stub up transitions at inverters to be removed.	ic semy surred at	reast to and the a	ssamption that it iim se	abanaonea m	
Load and Haul Cables for Recycling	28.4	Ton	\$7.54	\$214	\$2,589
*the Quantity and Total Cost have been lowered due to the total length of cable re	moved being redu	ced.			
Removal of Fiber Optic Cable	1,600	LF	\$0.16	\$256	\$11,359
*the Quantity and Total Cost have been lowered due to the AC/MV collection built. Service whips and stub up transitions at inverters to be removed.	being buried at le	ast 48" ana the assi	imption it will be abando	nnea in piace.	
Removal of Grounding Wire	21,563	LF	\$0.19	\$4,097	\$14,970
*the Quantity and Total Cost have been lowered due to the AC/MV collection built					φ1.,57.0
whips and stub up transitions at inverters to be removed.					
Subtotal Electrical Collection/Transmission System				\$5,001,579	\$5,153,742
Electrical removal costs of PV Panels and Combiner Boxes were based indust	ny standards on	installation rates	of a throo man work or	OM DCII	
Station, MV Equipment and Scada Equipment removal cost are based in use	•				
crane and contractor provided information on installation rates. Cable to be			_		
assumed, standard industry production rates from RS Means. Metal and cab	-	•			
steel copper, and aluminum. Hauling calculations are based on the locations	•	•	•		
based on 85 percent of the price quoted by We Recycle Solar on a recent sim	ilar project.				
Site Restoration	0	F. J.	¢2.000.00	¢1.5.000	ć22.000
Stabilized Construction Entrance	8	Each	\$2,000.00	\$16,000	\$22,000
*the Countity and Tetal Cost have been lessed due to the total acceptance of automorphisms			Desirat desira		
*the Quantity and Total Cost have been lowered due to the total number of entran	-			\$3 509 581	\$3 763 584
*the Quantity and Total Cost have been lowered due to the total number of entran Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total di	906.4	Acres	Project design \$3,872.00	\$3,509,581	\$3,763,584
Permanent Seeding on area within Removed Array	906.4	Acres		\$3,509,581 \$3,525,581	\$3,763,584 \$3,785,584
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Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. Substation *Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation Removal Haul scrap reinforcing steel (Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreonstructed design. Haul Concrete (Transformer Foundation) subtotal - substation transformer removal Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame	906.4 sturbed area built factor of 20% to a 1 1 1 1 1 1 10 rete recycling cost 140	Acres Coccount for CPI Inflo LS LS LS LS LS CS CY LS CY LS LS CY LS CY	\$3,872.00 sation since the initial estil \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$5,880.00 \$66,000.00 \$100.00 cycler and transformers to \$18.00 \$4,200.00 \$14,400.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$66,000.00 \$1,000.00 \$145,000.00 \$44,200.00 \$14,400.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$40,000.00 \$4,900.00 \$55,000.00 \$60.00 \$2,520.00 \$120,480.00 \$3,500.00 \$12,000.00
Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. Substation *Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation Removal Haul scrap reinforcing steel (Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreonstructed design. Haul Concrete (Transformer Foundation) subtotal - substation transformer removal Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame Freight - Demolition Materials, Removed Equipment & Structural Steel	906.4 sturbed area built factor of 20% to a 1 1 1 1 10 rete recycling cost 140 1 1 1 1	Acres Cocount for CPI Inflo LS LS LS LS LS CS CY LS LS LS LS LS LS LS LS LS L	\$3,872.00 stion since the initial estimation specification (\$13,000.00) \$48,000.00 \$48,000.00 \$4,200.00 \$4,200.00 \$4,200.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$66,000.00 \$1,000.00 \$2,520.00 \$145,000.00 \$4,200.00 \$4,200.00 \$4,200.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$4,900.00 \$55,000.00 \$60.00 \$2,520.00 \$120,480.00 \$3,500.00 \$3,500.00 \$3,500.00
Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. Substation *Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreasing transformer (Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreasing design. Haul Concrete (Transformer Foundation) subtotal - substation transformer removal Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame Freight - Demolition Materials, Removed Equipment & Structural Steel Offsite	906.4 sturbed area built factor of 20% to a 1 1 1 1 1 10 rete recycling cost 140	Acres Coccount for CPI Inflo LS LS LS LS LS CS CY LS CY LS LS CY LS LS CY	\$3,872.00 ation since the initial estil \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$5,880.00 \$66,000.00 \$100.00 cycler and transformers to \$18.00 \$4,200.00 \$14,400.00 \$4,200.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$1,000.00 \$145,000.00 \$4,200.00 \$4,200.00 \$4,200.00 \$1,500.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$40,000.00 \$4,900.00 \$60.00 \$2,520.00 \$120,480.00 \$3,500.00 \$3,500.00 \$3,500.00 \$1,250.00
Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. Substation *Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation Removal Haul scrap reinforcing steel (Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreonstructed design. Haul Concrete (Transformer Foundation) subtotal - substation transformer removal Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame Freight - Demolition Materials, Removed Equipment & Structural Steel	906.4 sturbed area built factor of 20% to a 1 1 1 1 10 rete recycling cost 140 1 1 1 1	Acres Cocount for CPI Inflo LS LS LS LS LS CS CY LS LS LS LS LS LS LS LS LS L	\$3,872.00 stion since the initial estimation specification (\$13,000.00) \$48,000.00 \$48,000.00 \$4,200.00 \$4,200.00 \$4,200.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$66,000.00 \$1,000.00 \$2,520.00 \$145,000.00 \$4,200.00 \$4,200.00 \$4,200.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$4,900.00 \$55,000.00 \$60.00 \$2,520.00 \$120,480.00 \$3,500.00 \$3,500.00 \$3,500.00
Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. Substation *Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation Haul scrap reinforcing steel (Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreases tructed design. Haul Concrete (Transformer Foundation) subtotal - substation transformer removal Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame Freight - Demolition Materials, Removed Equipment & Structural Steel Offsite subtotal - demolition/disposal of imp materials	906.4 sturbed area built factor of 20% to a 1 1 1 1 1 1 10 rete recycling cost 140 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Acres Cocount for CPI Inflo LS LS LS LS LS CY LS LS LS LS LS LS LS LS LS L	\$3,872.00 stion since the initial estil \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$100.00 \$18.00 cycler and transformers to \$18.00 \$4,200.00 \$14,400.00 \$4,200.00 \$4,200.00 \$1,500.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$1,000.00 \$145,000.00 \$4,200.00 \$4,200.00 \$4,200.00 \$4,200.00 \$1,500.00 \$28,500.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$40,000.00 \$4,900.00 \$60.00 \$2,520.00 \$120,480.00 \$3,500.00 \$3,500.00 \$3,500.00 \$1,250.00 \$23,750.00
Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. Substation *Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreasing transformer (Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreasing design. Haul Concrete (Transformer Foundation) subtotal - substation transformer removal Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame Freight - Demolition Materials, Removed Equipment & Structural Steel Offsite	906.4 sturbed area built factor of 20% to a factor	Acres Cocount for CPI Inflo LS LS LS LS LS CS CY LS LS LS LS LS LS LS LS LS L	\$3,872.00 stion since the initial estimation specification (\$13,000.00) \$48,000.00 \$48,000.00 \$4,200.00 \$4,200.00 \$4,200.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$1,000.00 \$145,000.00 \$4,200.00 \$4,200.00 \$4,200.00 \$1,500.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$40,000.00 \$4,900.00 \$60.00 \$2,520.00 \$120,480.00 \$3,500.00 \$3,500.00 \$3,500.00 \$1,250.00
Permanent Seeding on area within Removed Array *the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. Substation *Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation Removal Haul scrap reinforcing steel (Transformer Foundation) *the Quantity, Unit Price, and Total Cost have been increased due to changes concreonstructed design. Haul Concrete (Transformer Foundation) subtotal - substation transformer removal Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame Freight - Demolition Materials, Removed Equipment & Structural Steel Offsite subtotal - demolition/disposal of imp materials	906.4 sturbed area built factor of 20% to a factor	Acres Cocount for CPI Inflo LS LS LS LS LS CY LS LS LS LS LS LS LS LS LS L	\$3,872.00 stion since the initial estil \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$100.00 \$18.00 cycler and transformers to \$18.00 \$4,200.00 \$14,400.00 \$4,200.00 \$4,200.00 \$1,500.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$1,000.00 \$145,000.00 \$4,200.00 \$4,200.00 \$4,200.00 \$4,200.00 \$1,500.00 \$28,500.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$40,000.00 \$4,900.00 \$60.00 \$2,520.00 \$120,480.00 \$3,500.00 \$3,500.00 \$3,500.00 \$1,250.00 \$23,750.00
**Permanent Seeding on area within Removed Array **the Quantity and Total Cost have been decreased due to a decrease in the total dis Subtotal Site Restoration Site restoration costs are based on past solar project experience. **Substation **Unit price for all Lump Sum line items for the substation have been increased by a prepared in 2020. Drain and Dispose of Transformer Oil Disassembly and Removal of Transformer(s) Freight Transformer(s) Offsite Excavate Around Transformer Foundation(s) Remove Complete Transformer Foundation(s) Backfill Excavation Area from Transformer Foundation Removal Haul scrap reinforcing steel (Transformer Foundation) **the Quantity, Unit Price, and Total Cost have been increased due to changes concreonstructed design. Haul Concrete (Transformer Foundation) **subtotal - substation transformer removal* Demolish Substation Site Improvements (fences, etc) Demolish Control Building and Foundation Remove Medium/High Voltage Equipment Remove Structural Steel Substation Frame Freight - Demolition Materials, Removed Equipment & Structural Steel Offsite **subtotal - demolition/disposal of imp materials* Remove Gravel Surfacing from Substation Site **the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased due to changes in RSMeans validation and the Unit Price and Total Cost have been decreased the total Cost have been decreased the total Cost have been	906.4 sturbed area built factor of 20% to a factor	Acres cocount for CPI Inflo LS LS LS LS LS CY LS LS LS CY CY CY	\$3,872.00 stion since the initial estimation (\$13,200.00	\$3,525,581 mate was \$13,200.00 \$5,400.00 \$3,000.00 \$48,000.00 \$66,000.00 \$1,000.00 \$145,000.00 \$44,200.00 \$44,200.00 \$4,200.00 \$4,200.00 \$4,200.00 \$4,200.00 \$30,008.00	\$3,785,584 \$11,000.00 \$4,500.00 \$2,500.00 \$4,900.00 \$55,000.00 \$60.00 \$12,0480.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$3,500.00 \$4,250.00 \$23,750.00 \$49,600.00



Function and Codimont Control of Cultatation City	4	1.0	¢14.400.00	¢1.4.400.00	¢12.000.00
Erosion and Sediment Control at Substation Site Topsoil and Revegetation at Substation Site	1 1	LS LS	\$14,400.00 \$19,200.00	\$14,400.00 \$19,200.00	\$12,000.00 \$16,000.00
subtotal - substation site gravel removal & resto		L3	\$19,200.00	\$130,808.00	\$139,800.00
Subtotal Substation site graver removal a resto				4130,000.00	\$133,000.00
Project Management	Quantity	Unit	Unit Cost	Total Cost	
Project Manager	25	weeks	\$3,729.00	\$93,225.00	\$95,000.00
*the Unit Price and Total Cost have been decreased due to changes in RSMe	ans values.				
Superintendent	50	weeks	\$3,525.00	\$176,250.00	\$176,250.00
Field Engineer	100	weeks	\$3,269.00	\$326,900.00	\$232,500.00
*the Unit Price and Total Cost have been increased due to changes in RSMe	ans values.				
Clerk	50	weeks	\$750.00	\$37,500.00	\$37,500.00
subtotal -Project Manag	ement			\$633,875.00	\$541,250.00
Colores					
Salvage	450.0	Tons	¢242.75	¢111 0E7	¢72.600
Fencing **the Tatal Cost has shapped due to shapped in quantities in the constructed	458.9	Tons	\$243.75	\$111,857	\$72,600
*the Total Cost has changed due to changes in quantities in the constructed	4,338.4		\$243.75	¢1 0E7 49E	\$1,418,340
Steel Posts **the Total Cost has changed due to changes in quantities in the constructed	•	Tons	•	\$1,057,485	\$1,416,340
*the Total Cost has changed due to changes in quantities in the constructed	-	Tons		¢2 114 620	¢2 020 12E
Module Racking	8,675.4		\$243.75	\$2,114,629	\$3,039,135
*the Total Cost has changed due to changes in quantities in the constructed	-			ć7 001 000	Ć0 070 F30
PV Modules	330,201	EA (5% loss)	\$23.87	\$7,881,898	\$8,878,539
*the Quantity and Total Cost have been lowered due to the total number of				¢1.40.200	Ć07.000
Inverters and Transformers	411,832	Pounds	\$0.36	\$148,260	\$97,680
*the Total Cost has changed due to an increase in inverter model weight an aluminum.	d therefore copper & a	iluminum quantity. Ind	crease in weight reflects	only copper and	
Scada Equipment	1	Each	\$1,000.00	\$1,000	\$1,000
DC Collection Lines	37,929.7	LBS (5% loss)	\$0.63	\$23,896	\$8,755
*the Total Cost has changed due to changes in quantities in the constructed	DC being above grour	na ana tnerejore wili t	oe jully removea ana inc	reasea scrap	
prices on scrapmonster.com. AC Collection Lines	11,400	LBS (5% loss)	\$0.24	\$2,736	\$122,629
*the Total Cost has changed due to changes in quantities in the constructed	,	, ,			\$122,029
buried at least 48" and is assumed to be abandoned in place. Service whips	-			meetion was	
Grounding Wire	4,711.5	Pounds	\$2.69	\$12,674	\$37,308
*the Total Cost has changed due to changes in quantities in the constructed			•		, , , , , , , , , , , , , , , , , , , ,
buried at least 48" and is assumed to be abandoned in place. Service whips	-				
Substation Tranformer Oil	1	LS	\$3,500.00	\$3,500	\$3,500
Substation Transformers	1	LS	\$37,800.00	\$37,800	\$33,300
*the Total Cost has increased due to changes in estimated scrap prices from	scrapmonster.com				
Scrap reinforcing steel from Substation Transformer Foundation	10	Tons	\$80.00	\$800.00	\$480.00
*the Quantity and Total Cost have been increased due to changes in the tra	nsformers and founda	tions used in construc	ted design.		
Substation Demolition Materials, Removed Equipment and Structural	Steel 1	LS	\$1,750.00	\$1,750.00	\$1,750.00
	d t t l l		la a consentrat		
Salvage values are a combination of the following factors; current ma	• .		•		
for solar panel module recycling, discussions with national companies					
transformers and inverters, and the assumption that care is taken to p	revent any damage	or breakage or equip	oment.		
Construction Subtotal				\$13,631,332	\$15,597,961
Contingency				\$1,909,553	\$2,158,425
15% of construction total (minus Mobilization/Demobilization/Permit	ting) based on previo	ous project estimation	nns	+ -,505,500	<i>4</i> 2,255,125
25/0 07 001001 00101 10101 (1111100 1	ang, sasea on previo	Construct		\$15,540,886	\$18,195,509.52
Subtotal Salvage				\$11,398,284	\$13,715,017
				, ,,	, , , , , ,
Total Demolition Minus Salvage				\$4,142,602	\$4,480,492
Notes:					
1. Prices used in analysis are estimated based on research of current a	verage costs and sal	vage values.			
					1

- $\ensuremath{\mathsf{2}}.$ Prices provided are estimates and may fluctuate over the life of the project.
- 3. Contractor means and methods may vary and price will be affected by these.