

PROJECT NAME: OXNARD WASTEWATER TREATMENT PLANT
DATE: 09/06/2021
SUBMISSION #1

SYSTEMS SUMMARY

S/N	DESCRIPTION	MATERIAL COST	LABOR COST	MATERIAL TAX	LABOR TAX	TOTAL COST	OVERHEADS	MARKUP	TOTAL PRICE
1	A-1 MOBILIZATION & DEMOBILIZATION	\$ 20,000.00	\$ -	\$ 1,200.00	\$ -	\$ 21,200.00	\$ 3,180.00	\$ 2,120.00	\$ 26,500.00
2	A-2 SURVEILLANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	A-3 SECURITY	\$ 87,950.34	\$ 194,996.18	\$ 5,277.02	\$ 35,099.31	\$323,322.85	\$ 48,498.43	\$ 32,332.29	\$ 404,153.57
4	A-4 DEMOLITION, RELOCATION & RECONNECTION	\$ -	\$ 3,210.00	\$ -	\$ 577.80	\$ 3,787.80	\$ 568.17	\$ 378.78	\$ 4,734.75
5	A-15 DUCTBANK	\$ -	\$ 121,500.00	\$ -	\$ 21,870.00	\$143,370.00	\$ 21,505.50	\$ 14,337.00	\$ 179,212.50
6	A-16 ELECTRICAL WORK	\$ 58,065.81	\$ 42,981.09	\$ 3,483.95	\$ 7,736.60	\$112,267.45	\$ 16,840.12	\$ 11,226.75	\$ 140,334.32
	TOTALS	\$ 166,016.16	\$ 362,687.27	\$ 9,960.97	\$ 65,283.71	\$603,948.11	\$ 90,592.22	\$ 60,394.81	\$ 754,935.14

S/N	BID SUMMARY	
1	TOTAL MATERIAL COST	\$ 166,016.16
	MATERIAL SALES TAX	6% \$ 9,960.97
	JOB EXPENSE	\$ -
2	TOTAL LABOR COST	\$ 362,687.27
	LABOR TAX	18% \$ 65,283.71
3	TOTAL COST	\$ 603,948.11
	OVERHEADS	15% \$ 90,592.22
	MARKUP	10% \$ 60,394.81
4	TOTAL COST WITH OVERHEADS + PROFIT	\$ 754,935.14
	BID SECURITY	\$ -
	ALLOWANCES	\$ -
	MOBILIZATION / DEMOBILIZATION	\$ -
	SUB-CONTRACTS	\$ -
	BOND PREMIUM	\$ -
	BASE BID PRICE	\$ 754,935.14

Terms and Conditions / Disclaimer

The quantities, figures, scope, and other details in this document have been compiled to the best of our knowledge. By using or referencing any information provided herein, you acknowledge its accuracy and waive any claims related to errors. **QUANTUM ESTIMATES LLC** makes no warranties regarding the accuracy or completeness of this information. This document is intended for informational purposes only and should be used as a guideline for estimating quantities and pricing. It is the contractor's responsibility to review all quantities, bid documents, and finalize pricing and materials based on current market rates.

S/N	DWG#	DESCRIPTION	QUANTITY	WASTAGE	QUANTITY WITH WASTAGE	UOM	UNIT MATERIAL COST	UNIT	MATERIAL COST	LABOR COST	LABOR HOURS	UNIT	TOTAL LABOR HOURS	TOTAL LABOR COST	TOTAL COST
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ALLOWANCES (PLEASE ADD YOUR NUMBER)

MOBILIZATION AND DEMOBILIZATION

1		Mobilization and Demobilization (Maximum 5% of Total Base Amount).	1	0%	1	LS	\$ 20,000.00	E	\$ 20,000	\$ -		E	0.00	\$ -	\$ 20,000
TOTALS									\$ 20,000.00	\$ 20,000.00		\$ -		\$ -	\$ -

TOTAL MATERIAL COST	\$ 20,000.00
TOTAL LABOR COST	-
TOTAL LABOR HOURS	-
TOTAL COST	20,000.00

S/N	DWG#	DESCRIPTION	QUANTITY	WASTAGE	QUANTITY WITH WASTAGE	UOM	UNIT MATERIAL COST	UNIT	MATERIAL COST	LABOR COST	LABOR HOURS	UNIT	TOTAL LABOR HOURS	TOTAL LABOR COST	TOTAL COST
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ALLOWANCES (PLEASE ADD YOUR NUMBER)

SURVELLIANCE

1		Surveillance System Investigation And Design	1	0%	1	LS	\$	-	E	\$	-	\$	-	E	0.00	\$	-	\$	-
TOTALS										\$	-	\$	-	\$	-	\$	-	\$	-

TOTAL MATERIAL COST	\$	-
TOTAL LABOR COST	\$	-
TOTAL LABOR HOURS	\$	-
TOTAL COST	\$	-

S/N	DWG#	DESCRIPTION	QUANTITY	WASTAGE	QUANTITY WITH WASTAGE	UOM	UNIT MATERIAL COST	UNIT	MATERIAL COST	LABOR COST	LABOR HOURS	UNIT	TOTAL LABOR HOURS	TOTAL LABOR COST	TOTAL COST
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SECURITY

DUCT BANK (CONDUIT ADDED SEPARATELY BELOW)

1		1' X 1' Concrete Encased Duct Bank	3600	10%	3960	LF	\$ -	C	\$ -	\$ 75	0	C	0.00	\$ -	\$ -
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CONDUITS

1		3/4" PVC SCH 40 Conduit	795	10%	875	LF	\$ 1.05	E	\$ 918	\$ 75	0.0288	E	25.19	\$ 1,889	\$ 2,807
		3/4" ELBOW 90 DEG - RMC - GALV	16	0%	16	EA	\$ 6.47	E	\$ 103	\$ 75	0.2	E	3.20	\$ 240	\$ 343
		3/4" LOCKNUT - STEEL	40	0%	40	EA	\$ 0.15	E	\$ 6	\$ 75	0.0184	E	0.74	\$ 55	\$ 61
		3/4" COUPLING - PVC	40	0%	40	EA	\$ 0.24	E	\$ 10	\$ 75	0.05	E	2.00	\$ 150	\$ 160
		3/4" ADAPTER FEM - PVC	16	0%	16	EA	\$ 0.38	E	\$ 6	\$ 75	0.08	E	1.28	\$ 96	\$ 102
2		1" PVC SCH 40 Conduit	76	10%	83.105	LF	\$ 1.53	E	\$ 127	\$ 75	0.03	E	2.79	\$ 209	\$ 337
		1" ELBOW 90 DEG - RMC - GALV	2	0%	2	EA	\$ 10.19	E	\$ 20	\$ 75	0.256	E	0.51	\$ 38	\$ 59
		1" LOCKNUT - STEEL	4	0%	4	EA	\$ 0.19	E	\$ 1	\$ 75	0.0248	E	0.10	\$ 7	\$ 8
		1" COUPLING - PVC	4	0%	4	EA	\$ 0.27	E	\$ 1	\$ 75	0.055	E	0.22	\$ 17	\$ 18
		1" ADAPTER FEM - PVC	2	0%	2	EA	\$ 0.46	E	\$ 1	\$ 75	0.096	E	0.19	\$ 14	\$ 15
3		1-1/2" PVC SCH 40 Conduit	168	10%	184.8	LF	\$ 2.56	E	\$ 473	\$ 75	0.04	E	8.28	\$ 621	\$ 1,094
		1 1/2" ELBOW 90 DEG - RMC - GALV	4	0%	4	EA	\$ 16.88	E	\$ 68	\$ 75	0.384	E	1.54	\$ 115	\$ 183
		1 1/2" LOCKNUT - STEEL	9	0%	9	EA	\$ 0.27	E	\$ 2	\$ 75	0.0504	E	0.45	\$ 34	\$ 36
		1 1/2" COUPLING - PVC	9	0%	9	EA	\$ 0.48	E	\$ 4	\$ 75	0.1	E	0.90	\$ 68	\$ 72
		1 1/2" ADAPTER FEM - PVC	4	0%	4	EA	\$ 0.72	E	\$ 3	\$ 75	0.128	E	0.51	\$ 38	\$ 41
4		2" PVC SCH 40 Conduit	8051	10%	8856.1	LF	\$ 3.19	E	\$ 28,254	\$ 75	0.06	E	531.37	\$ 39,852	\$ 68,106
		2" ELBOW 90 DEG - RMC - GALV	162	0%	162	EA	\$ 27.22	E	\$ 4,410	\$ 75	0.52	E	84.24	\$ 6,318	\$ 10,728
		2" LOCKNUT - STEEL	403	0%	403	EA	\$ 0.50	E	\$ 202	\$ 75	0.0544	E	21.92	\$ 1,644	\$ 1,846
		2" COUPLING - PVC	403	0%	403	EA	\$ 0.65	E	\$ 262	\$ 75	0.125	E	50.38	\$ 3,778	\$ 4,040
		2" ADAPTER FEM - PVC	162	0%	162	EA	\$ 0.89	E	\$ 144	\$ 75	0.144	E	23.33	\$ 1,750	\$ 1,894

CONDUCTORS

1		#12 THHN SOLID	1281	10%	1409.1	LF	\$ 0.28	E	\$ 389	\$ 75	0.00	E	1.41	\$ 106	\$ 495
2		#10 CU THHN-THWN	12304	10%	13534.4	LF	\$ 0.28	E	\$ 3,737	\$ 75	0.00	E	13.53	\$ 1,015	\$ 4,752
3		12 Strand F/O	4391	10%	4830.1	LF	\$ 0.40	E	\$ 1,932	\$ 75	0.01	E	48.30	\$ 3,623	\$ 5,555
4		24 Strand Multimode Fiber Optic Cable	482.69	10%	530.959	LF	\$ 0.60	E	\$ 319	\$ 75	0.01	E	5.31	\$ 398	\$ 717
5		CAT5	1424	10%	1566.4	LF	\$ 0.45	E	\$ 705	\$ 75	0.01	E	15.66	\$ 1,175	\$ 1,880

DEVICES

1		2RU Fiber Optic Patch Panel, Corning Part No. CCH-CS12-AE-P00RE	1	0%	1	EA	\$ 234.00	E	\$ 234	\$ 75	2	E	2.00	\$ 150	\$ 384
2		Camera Hamwa XNV-8080R	15	0%	15	EA	\$ 324.00	E	\$ 4,860	\$ 75	0.5	E	7.50	\$ 563	\$ 5,423
		10 FT With 4" Diameter, Bronze Anodized Aluminum Camera Pole	11	0%	11	EA	\$ 652.00	E	\$ 7,172	\$ 75	2.00	E	22.00	\$ 1,650	\$ 8,822
		Exterior Weatherproof And Vandal Resistant Housing	11	0%	11	EA	\$ 32.00	E	\$ 352	\$ 75	0.50	E	5.50	\$ 413	\$ 765
		Surface Mount Electrical Enclosure, NEMA-4X, 16 Guage Corrosion Resistant With 1 Piece Oil tight Gasket	11	0%	11	EA	\$ 45.00	E	\$ 495	\$ 75	0.30	E	3.30	\$ 248	\$ 743
		Access Panel With Tamper Resistive Screws	11	0%	11	EA	\$ 23.00	E	\$ 253	\$ 75	0.20	E	2.20	\$ 165	\$ 418
		Base Cover	11	0%	11	EA	\$ 12.00	E	\$ 132	\$ 75	0.3	E	3.30	\$ 248	\$ 380
		4-Anchor Bolts With Double Leveling Nuts	11	0%	11	EA	\$ 0.60	E	\$ 7	\$ 75	0.02	E	0.22	\$ 17	\$ 23
		Reinforced Concrete Base 3250 PSI Min. (8) #6 Vertical With #3 Ties	11	0%	11	EA	\$ 123.00	E	\$ 1,353	\$ 75	0.50	E	5.50	\$ 413	\$ 1,766
3		Ethernet Switch	7	0%	7	EA	\$ 121.00	E	\$ 847	\$ 75	0.30	E	2.10	\$ 158	\$ 1,005
4		36"L x 36"H x 24"D Precast Concrete Pull Box	15	0%	15	EA	\$ 653.00	E	\$ 9,795	\$ 75	2.00	E	30.00	\$ 2,250	\$ 12,045
		8"x18" Knockout, Two At Each Side Wall	15	0%	15	EA	\$ 0.20	E	\$ 3	\$ 75	0.02	E	0.30	\$ 23	\$ 26
		18"x18" Knockout, One At Each End Wall	15	0%	15	EA	\$ 0.60	E	\$ 9	\$ 75	0.02	E	0.30	\$ 23	\$ 32
5		Oxnard Plant Network Switch (City Furnished)	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0.8	E	0.80	\$ 60	\$ 60
6		17"L x 12"H x 11"D Precast Concrete Handhole	16	0%	16	EA	\$ 668.00	E	\$ 10,688	\$ 75	2.00	E	32.00	\$ 2,400	\$ 13,088
		Cast Iron Cover	16	0%	16	EA	\$ 121.00	E	\$ 1,936	\$ 75	0.30	E	4.80	\$ 360	\$ 2,296
7		Security Cabinet 24"x25"x48"H	1	0%	1	EA	\$ 235.00	E	\$ 235	\$ 75	2.00	E	2.00	\$ 150	\$ 385
8		NEMA-4X 18"x18"x6" Pull Box	1	0%	1	EA	\$ 324.00	E	\$ 324	\$ 75	0.30	E	0.30	\$ 23	\$ 347
9		NEMA-4X 6"x6"x6" Pull Box	1	0%	1	EA	\$ 214.00	E	\$ 214	\$ 75	0.30	E	0.30	\$ 23	\$ 237
		Video Network Recorder	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0.20	E	0.20	\$ 15	\$ 15
		Intl Xeon E5-2603 v4 or better processor.	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0.2	E	0.20	\$ 15	\$ 15
		16 GB RAM minimum.	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0.2	E	0.20	\$ 15	\$ 15
		240GB M.2 SSD	2	0%	2	EA	\$ -	E	\$ -	\$ 75	\$ -	E	0.00	\$ -	\$ -
		600GB 15K SAS	2	0%	2	EA	\$ -	E	\$ -	\$ 75	\$ -	E	0.00	\$ -	\$ -
		10TB Video Grade SATA	5	0%	5	EA	\$ -	E	\$ -	\$ 75	\$ -	E	0.00	\$ -	\$ -
10		Rack Mounted PC For CCTV Monitoring System	1	0%	1	EA	\$ -	E	\$ -	\$ 75	4.00	E	4.00	\$ 300	\$ 300
		Industrial Grade Rack	1	0%	1	EA	\$ 121.00	E	\$ 121	\$ 75	2.00	E	2.00	\$ 150	\$ 271
		Latest Intel Core i7, 6 core processor with at least 3.20 GHz Processing Speed	1	0%	1	EA	\$ -	E	\$ -	\$ 75	-	E	0.00	\$ -	\$ -
		16 GB, 2x8GB DDR4 RAM	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0	E	0.00	\$ -	\$ -
		1 TB memory storage minimum	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0	E	0.00	\$ -	\$ -
		17" LCD screen display	1	0%	1	EA	\$ -	E	\$ -	\$ 75	-	E	0.00	\$ -	\$ -
		Integrated Keyboard and Mouse	1	0%	1	EA	\$ -	E	\$ -	\$ 75	-	E	0.00	\$ -	\$ -
11		Rack mounted UPS With Battery Back Time 30 Min	1	0%	1	EA	\$ 568.00	E	\$ 568	\$ 75	4.00	E	4.00	\$ 300	\$ 868
12		50" SMART LED Ultra HD TV Screens	2	0%	2	EA	\$ -	E	\$ -	\$ 75	2.00	E	4.00	\$ 300	\$ 300
13		30" SMART LED Ultra HD TV Screens	2	0%	2	EA	\$ -	E	\$ -	\$ 75	2	E	4.00	\$ 300	\$ 300
14		Software-Y3OIXPCOBT Three years opt-in Care Plus for XProtect Corporate Base Server	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0	E	0.00	\$ -	\$ -
15		Software-XP CODL Three years opt-in Care Plus for XProtect Corporate Base Server	17	0%	17	EA	\$ -	E	\$ -	\$ 75	-	E	0.00	\$ -	\$ -
16		Software-Y3XP CODL Three years Care Plus for XProtect Corporate Device License	17	0%	17	EA	\$ -	E	\$ -	\$ 75	-	E	0.00	\$ -	\$ -
TOTALS									\$	81,693.66	\$	31.45	\$	73,977.60	

RECEPTACLES AND SWITCHES

CONDUITS

1		3/4" EMT CONDUIT	240	10%	264	FT	\$ 96.74	C	\$ 255	\$ 75	3.2	C	8.45	\$ 634	\$ 889
		3/4" CONN SS STL - EMT	20	0%	20	EA	\$ 0.25	E	\$ 5	\$ 75	0.08	E	1.60	\$ 120	\$ 125
		3/4" COUPLING SS STL - EMT	24	0%	24	EA	\$ 0.31	E	\$ 7	\$ 75	0.03	E	0.77	\$ 58	\$ 65
		3/4" 1-H STRAP - EMT - EMT	37	0%	37	EA	\$ 0.08	E	\$ 3	\$ 75	0.04	E	1.60	\$ 120	\$ 123

CONDUCTORS

1		#10 CU THHN	1054	10%	1159.4	FT	\$ 252.87	M	\$ 293	\$ 75	5.65	M	6.55	\$ 491	\$ 784
2		#12 ROMEX CABLE	2174	10%	2391.4	FT	\$ 678.00	M	\$ 1,621	\$ 75	20	M	47.83	\$ 3,587	\$ 5,208

DEVICES

1		6 BLADE CEILING FAN	9	0%	9	EA	\$ -	C	\$ -	\$ 75	2.00	C	0.18	\$ 14	\$ 14
2		DUPLEX RECEPTACLE	103	0%	103	EA	\$ 1,676.00	C	\$ 1,726	\$ 75	25.00	C	25.75	\$ 1,931	\$ 3,658
		4 x 1 1/2" SQ BOX COMB KO	103	0%	103	EA	\$ 734.50	C	\$ 757	\$ 75	30.00	C	30.90	\$ 2,318	\$ 3,074
		4" SQ 1G PLSTR RING 5/8" RISE	103	0%	103	EA	\$ 468.81	C	\$ 483	\$ 75	15.00	C	15.45	\$ 1,159	\$ 1,642
		GROUND SCREW W/ INSUL #12 LEAD	103	0%	103	EA	\$ 402.86	C	\$ 415	\$ 75	6	C	6.18	\$ 464	\$ 878

	#10 x 3/4 P/H SELF-TAP SCREW	206	0%	206	EA	\$ 9.09	C	\$ 19	\$ 75	3.10	C	6.39	\$ 479	\$ 498
	1G DUPLEX REC PLATE - PLASTIC IVY	103	0%	103	EA	\$ 53.24	C	\$ 55	\$ 75	10.00	C	10.30	\$ 773	\$ 827
3	DUPLEX RECEPTACLE GFCI	11	0%	11	EA	\$ 2,152.00	C	\$ 237	\$ 75	25.00	C	2.75	\$ 206	\$ 443
	4 x 1 1/2" SQ BOX COMB KO	11	0%	11	EA	\$ 734.50	C	\$ 81	\$ 75	30.00	C	3.30	\$ 248	\$ 328
	4" SQ 1G PLSTR RIING 5/8" RISE	11	0%	11	EA	\$ 468.81	C	\$ 52	\$ 75	15.00	C	1.65	\$ 124	\$ 175
	GROUND SCREW W/ INSUL #12 LEAD	11	0%	11	EA	\$ 402.86	C	\$ 44	\$ 75	6.00	C	0.66	\$ 50	\$ 94
	#10 x 3/4 P/H SELF-TAP SCREW	22	0%	22	EA	\$ 9.09	C	\$ 2	\$ 75	3.10	C	0.68	\$ 51	\$ 53
	1G DUPLEX REC PLATE - PLASTIC IVY	11	0%	11	EA	\$ 53.24	C	\$ 6	\$ 75	10	C	1.10	\$ 83	\$ 88
4	SPECIAL RECEPTACLE	2	0%	2	EA	\$ 98.00	E	\$ 196	\$ 75	0.75	E	1.50	\$ 113	\$ 309
TOTALS						\$			6,256.69	\$		173.58	\$	13,018.58

TRENCHING & BACKFILLING														
1	Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	7200	0%	7200	CLF	\$ -	E	\$ -	\$ 75	0.2	E	1440.00	\$ 108,000	\$ 108,000
TOTALS						\$			-	\$		1,440.00	\$	108,000.00

TOTAL MATERIAL COST	\$ 87,950.34
TOTAL LABOR COST	\$ 194,996.18
TOTAL LABOR HOURS	\$ 1,645.03
TOTAL COST	\$ 282,946.52

S/N	DWG#	DESCRIPTION	QUANTITY	WASTAGE	QUANTITY WITH WASTAGE	UOM	UNIT MATERIAL COST	UNIT	MATERIAL COST	LABOR COST	LABOR HOURS	UNIT	TOTAL LABOR HOURS	TOTAL LABOR COST	TOTAL COST
DEMOLITION, RELOCATION & RECONNECTION															
DEMOLITION															
1		Disconnect And Remove Existing Fixture Head	3	0%	3	EA	\$ -	E	\$ -	\$ 75	2	E	6.00	\$ 450	\$ 450
2		Disconnect And Remove Existing Planter Fixture	16	0%	16	EA	\$ -	E	\$ -	\$ 75	2.00	E	32.00	\$ 2,400	\$ 2,400
RELOCATION															
1		Relocated Existing Charging Station And Pole Mounte	1	0%	1	EA	\$ -	E	\$ -	\$ 75	4.00	E	4.00	\$ 300	\$ 300
RECONNECTION															
1		Existing Pole Mounted Fixture To be Reconnected	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0.8	E	0.80	\$ 60	\$ 60
TOTALS									\$ -	\$ -	8.80	\$ 8.80	\$ 3,210.00	\$ 3,210.00	

TOTAL MATERIAL COST	\$ -
TOTAL LABOR COST	\$ 3,210.00
TOTAL LABOR HOURS	\$ 8.80
TOTAL COST	\$ 3,210.00

S/N	DWG#	DESCRIPTION	QUANTITY	WASTAGE	QUANTITY WITH WASTAGE	UOM	UNIT MATERIAL COST	UNIT	MATERIAL COST	LABOR COST	LABOR HOURS	UNIT	TOTAL LABOR HOURS	TOTAL LABOR COST	TOTAL COST
DUCT BANK															
1		18" X 18" Concrete Encased Duct Bank	3600	0%	3600	CLF	\$ -	E	\$ -	\$ 75	0	E	0.00	\$ -	\$ -
TOTALS									\$ -	-	\$ -		-	\$ -	-

TRENCHING & BACKFILLING															
1		Excavation & Backfilling (1.5' Deep x 1.5' Wide Trench)	8100	0%	8100	CLF	\$ -	E	\$ -	\$ 75	0.2	E	1620.00	\$ 121,500	\$ 121,500
TOTALS									\$ -	-	\$ -		1,620.00	\$ 121,500.00	121,500.00

TOTAL MATERIAL COST	\$ -
TOTAL LABOR COST	\$ 121,500.00
TOTAL LABOR HOURS	\$ 1,620.00
TOTAL COST	\$ 121,500.00

S/N	DWG#	DESCRIPTION	QUANTITY	WASTAGE	QUANTITY WITH WASTAGE	UOM	UNIT MATERIAL COST	UNIT	MATERIAL COST	LABOR COST	LABOR HOURS	UNIT	TOTAL LABOR HOURS	TOTAL LABOR COST	TOTAL COST
DISTRIBUTION															
CONDUITS															
1		3/4" CONDUIT - IMC - GALV	11	0%	11	FT	\$ 2.23	E	\$ 25	\$ 75	0.0352	E	0.39	\$	\$ 54
		3/4" LOCKNUT - STEEL	2	0%	2	EA	\$ 0.43	E	\$ 1	\$ 75	0.02	E	0.04	\$	\$ 4
		3/4" BUSHING - PLASTIC	1	0%	1	EA	\$ 0.26	E	\$ 0	\$ 75	0.02	E	0.02	\$	\$ 1
		3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	1	0%	1	EA	\$ -	E	\$ -	\$ 75	0.16	E	0.16	\$	\$ 12
		3/4" SPRING STL CONDUIT CLAMP W/ BOLT	2	0%	2	EA	\$ 0.46	E	\$ 1	\$ 75	0.05	E	0.10	\$	\$ 8
		1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	2	0%	2	EA	\$ 0.43	E	\$ 1	\$ 75	0.04	E	0.08	\$	\$ 7
2		1" CONDUIT - IMC - GALV	30	0%	30	FT	\$ 3.38	E	\$ 101	\$ 75	0.02	E	0.74	\$	\$ 157
		1" LOCKNUT - STEEL	5	0%	5	EA	\$ 0.75	E	\$ 4	\$ 75	0.02	E	0.10	\$	\$ 12
		1" BUSHING - PLASTIC	3	0%	3	EA	\$ 0.42	E	\$ 1	\$ 75	0.18	E	0.54	\$	\$ 42
		1" MEASURE CUT & THREAD LABOR - RMC - GALV	2	0%	2	EA	\$ -	E	\$ -	\$ 75	0.05	E	0.11	\$	\$ 8
		1" SPRING STL CONDUIT CLAMP W/ BOLT	4	0%	4	EA	\$ 0.52	E	\$ 2	\$ 75	0.06	E	0.26	\$	\$ 21
		1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	4	0%	4	EA	\$ 0.43	E	\$ 2	\$ 75	0.03	E	0.13	\$	\$ 11
3		2" PVC SCH 40 Conduit	30	10%	33	LF	\$ 3.19	E	\$ 105	\$ 75	0.06	E	1.98	\$	\$ 254
		2" ELBOW 90 DEG - RMC - GALV	1	0%	1	EA	\$ 27.22	E	\$ 27	\$ 75	0.52	E	0.52	\$	\$ 66
		2" LOCKNUT - STEEL	2	0%	2	EA	\$ 0.50	E	\$ 1	\$ 75	0.05	E	0.11	\$	\$ 9
		2" COUPLING - PVC	2	0%	2	EA	\$ 0.65	E	\$ 1	\$ 75	0.13	E	0.25	\$	\$ 20
		2" ADAPTER FEM - PVC	1	0%	1	EA	\$ 0.89	E	\$ 1	\$ 75	0.14	E	0.14	\$	\$ 12
CONDUCTORS															
1		#12 CU THHN/THWN	91	10%	100.1	LF	\$ 0.18	E	\$ 18	\$ 75	0.00	E	0.10	\$	\$ 26
2		#8 CU THHN/THWN	361.39	10%	397.529	LF	\$ 0.54	E	\$ 213	\$ 75	0.00	E	0.40	\$	\$ 243
3		#6 CU THHN/THWN	10	10%	11.495	LF	\$ 0.83	E	\$ 9	\$ 75	0.00	E	0.01	\$	\$ 10
4		#4 CU THHN/THWN	1084.17	10%	1192.587	LF	\$ 1.24	E	\$ 1,474	\$ 75	0.00	E	1.19	\$	\$ 1,563
5		#1/0 CU THHN/THWN	42	10%	45.98	LF	\$ 2.67	E	\$ 123	\$ 75	0.01	E	0.46	\$	\$ 157
BREAKER															
1		1P/20A Breaker	42	0%	42	EA	\$ 128.00	E	\$ 5,376	\$ 75	0.45	E	18.90	\$	\$ 6,794
2		1P/40A Breaker	1	0%	1	EA	\$ 145.00	E	\$ 145	\$ 75	0.45	E	0.45	\$	\$ 179
3		3P/70A Breaker	1	0%	1	EA	\$ 256.00	E	\$ 256	\$ 75	0.45	E	0.45	\$	\$ 290
4		3P/150A MCB	1	0%	1	EA	\$ 689.00	E	\$ 689	\$ 75	1.00	E	1.00	\$	\$ 764
PANEL															
1		Panel LP1: 225A, 208/120V, 60Hz, 3PH, 4W, MCB, Surface Mounted, NEMA-3R, 42 Poles	1	0%	1	EA	\$ 1,289.99	E	\$ 1,290	\$ 75	5.20	E	5.20	\$	\$ 1,680
DEVICES															
1		T-LP1, 480-208/120V, 45KVA, 3PH, 4W	1	0%	1	EA	\$ 2,354.00	E	\$ 2,354	\$ 75	4.00	E	4.00	\$	\$ 2,654
2		EM Lite Inverter 1600VA, 1PH, 2W, Input-120V, Output-120V	1	0%	1	EA	\$ 1,245.00	E	\$ 1,245	\$ 75	2.00	E	2.00	\$	\$ 1,395
3		NEMA-4X Wall Mounted Pull Box, 12"H x 10"W x 6" Deep	1	0%	1	EA	\$ 689.00	E	\$ 689	\$ 75	2.00	E	2.00	\$	\$ 839
DISCONNECT SWITCHES															
1		1P/20A Combination Starter Disconnect Switch	2	0%	2	EA	\$ 214.00	E	\$ 428	\$ 75	1.20	E	2.40	\$	\$ 608
2		1P/20A Disconnect Switch (Rating Assumed From Breaker)	9	0%	9	EA	\$ 214.00	E	\$ 1,926	\$ 75	1.20	E	10.80	\$	\$ 2,736
3		1P/40A Combination Starter Disconnect Switch	1	0%	1	EA	\$ 356.00	E	\$ 356	\$ 75	1.20	E	1.20	\$	\$ 446
4		DS-TLP1, 3P/100A Disconnect Switch	1	0%	1	EA	\$ 1,245.00	E	\$ 1,245	\$ 75	2.00	E	2.00	\$	\$ 1,395
									TOTALS	\$	18,109.56	\$	22.76	\$	4,366.70
RECEPTACLES AND SWITCHES															
CONDUITS															
1		3/4" CONDUIT - IMC - GALV	1479	0%	1479	FT	\$ 2.23	E	\$ 3,302	\$ 75	0.0352	E	52.06	\$	\$ 7,207
		3/4" LOCKNUT - STEEL	237	0%	237	EA	\$ 0.43	E	\$ 102	\$ 75	0.02	E	4.36	\$	\$ 429
		3/4" BUSHING - PLASTIC	119	0%	119	EA	\$ 0.26	E	\$ 31	\$ 75	0.02	E	1.90	\$	\$ 174
		3/4" MEASURE CUT & THREAD LABOR - RMC - GALV	60	0%	60	EA	\$ -	E	\$ -	\$ 75	0.16	E	9.60	\$	\$ 720
		3/4" SPRING STL CONDUIT CLAMP W/ BOLT	185	0%	185	EA	\$ 0.46	E	\$ 85	\$ 75	0.05	E	8.88	\$	\$ 751
		1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	185	0%	185	EA	\$ 0.43	E	\$ 79	\$ 75	0.04	E	7.84	\$	\$ 667
2		1" CONDUIT - IMC - GALV	579	0%	579	FT	\$ 3.38	E	\$ 1,955	\$ 75	0.02	E	14.36	\$	\$ 3,032
		1" LOCKNUT - STEEL	93	0%	93	EA	\$ 0.75	E	\$ 70	\$ 75	0.02	E	1.93	\$	\$ 215
		1" BUSHING - PLASTIC	47	0%	47	EA	\$ 0.42	E	\$ 20	\$ 75	0.18	E	8.46	\$	\$ 654
		1" MEASURE CUT & THREAD LABOR - RMC - GALV	24	0%	24	EA	\$ -	E	\$ -	\$ 75	0.05	E	1.27	\$	\$ 95
		1" SPRING STL CONDUIT CLAMP W/ BOLT	73	0%	73	EA	\$ 0.52	E	\$ 38	\$ 75	0.06	E	4.67	\$	\$ 389
		1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	73	0%	73	EA	\$ 0.43	E	\$ 31	\$ 75	0.03	E	2.34	\$	\$ 206
3		2" PVC SCH 40 Conduit	676	10%	743.6	LF	\$ 3.19	E	\$ 2,372	\$ 75	0.06	E	44.62	\$	\$ 5,719
		2" ELBOW 90 DEG - RMC - GALV	14	0%	14	EA	\$ 27.22	E	\$ 381	\$ 75	0.52	E	7.28	\$	\$ 927
		2" LOCKNUT - STEEL	34	0%	34	EA	\$ 0.50	E	\$ 17	\$ 75	0.05	E	1.85	\$	\$ 156
		2" COUPLING - PVC	34	0%	34	EA	\$ 0.65	E	\$ 22	\$ 75	0.13	E	4.25	\$	\$ 341
		2" ADAPTER FEM - PVC	14	0%	14	EA	\$ 0.89	E	\$ 12	\$ 75	0.14	E	2.02	\$	\$ 164
CONDUCTORS															
1		#14 CU THHN/THWN	1014	10%	1115.466	LF	\$ 0.18	E	\$ 201	\$ 75	0.00	E	1.12	\$	\$ 284
2		#12 CU THHN/THWN	4068	10%	4474.8	LF	\$ 0.54	E	\$ 2,400	\$ 75	0.00	E	4.47	\$	\$ 2,736
3		#10 CU THHN/THWN	2563	10%	2819.3	LF	\$ 0.83	E	\$ 2,327	\$ 75	0.00	E	2.82	\$	\$ 2,538
4		#8 CU THHN/THWN	3471	10%	3818.166	LF	\$ 1.24	E	\$ 4,718	\$ 75	0.00	E	3.82	\$	\$ 5,005
DEVICES															
1		Ceiling Mounted Retractable Cord Reel Duplex Receptacle, HUBBELL KELLEMS HBL45123R	4	0%	4	EA	\$ -	C	\$ -	\$ 75	2.00	C	0.08	\$	\$ 6
		4 x 1 1/2" SQ BOX COMB KO	4	0%	4	EA	\$ 734.50	C	\$ 29	\$ 75	30.00	C	1.20	\$	\$ 119
		4" SQ 1G PLSTR RING 5/8" RISE	4	0%	4	EA	\$ 468.81	C	\$ 19	\$ 75	15.00	C	0.60	\$	\$ 64
		GROUND SCREW W/ INSUL #12 LEAD	4	0%	4	EA	\$ 402.86	C	\$ 16	\$ 75	6	C	0.24	\$	\$ 34
		#10 x 3/4 P/H SELF-TAP SCREW	8	0%	8	EA	\$ 9.09	C	\$ 1	\$ 75	3.10	C	0.25	\$	\$ 19
		1G DUPLEX REC PLATE - PLASTIC IVY	4	0%	4	EA	\$ 53.24	C	\$ 2	\$ 75	10.00	C	0.40	\$	\$ 32
2		DUPLEX RECEPTACLE	8	0%	8	EA	\$ 1,676.00	C	\$ 134	\$ 75	25.00	C	2.00	\$	\$ 284
		4 x 1 1/2" SQ BOX COMB KO	8	0%	8	EA	\$ 734.50	C	\$ 59	\$ 75	30.00	C	2.40	\$	\$ 239
		4" SQ 1G PLSTR RING 5/8" RISE	8	0%	8	EA	\$ 468.81	C	\$ 38	\$ 75	15.00	C	1.20	\$	\$ 128
		GROUND SCREW W/ INSUL #12 LEAD	8	0%	8	EA	\$ 402.86	C	\$ 32	\$ 75	6	C	0.48	\$	\$ 68
		#10 x 3/4 P/H SELF-TAP SCREW	16	0%	16	EA	\$ 9.09	C	\$ 1	\$ 75	3.10	C	0.50	\$	\$ 39
		1G DUPLEX REC PLATE - PLASTIC IVY	8	0%	8	EA	\$ 53.24	C	\$ 4	\$ 75	10.00	C	0.80	\$	\$ 64
3		DUPLEX RECEPTACLE GFCI	14	0%	14	EA	\$ 2,152.00	C	\$ 301	\$ 75	25.00	C	3.50	\$	\$ 564
		4 x 1 1/2" SQ BOX COMB KO	14	0%	14	EA	\$ 734.50	C	\$ 103	\$ 75	30.00	C	4.20	\$	\$ 418
		4" SQ 1G PLSTR RING 5/8" RISE	14	0%	14	EA	\$ 468.81	C	\$ 66	\$ 75	15.00	C	2.10	\$	\$ 223
		GROUND SCREW W/ INSUL #12 LEAD	14	0%	14	EA	\$ 402.86	C	\$ 56	\$ 75	6.00	C	0.84	\$	\$ 119
		#10 x 3/4 P/H SELF-TAP SCREW	28	0%	28	EA	\$ 9.09	C	\$ 3	\$ 75	3.10	C	0.87	\$	\$ 68
		1G DUPLEX REC PLATE - PLASTIC IVY	14	0%	14	EA	\$ 53.24	C	\$ 7	\$ 75	10	C	1.40	\$	\$ 112
4		DUPLEX RECEPTACLE GFCI WP	10	0%	10	EA	\$ 3,256.00	C	\$ 326	\$ 75	25.00	C	2.50	\$	\$ 513
		4 x 1 1/2" SQ BOX COMB KO	10	0%	10	EA	\$ 734.50	C	\$ 73	\$ 75	30.00	C	3.00	\$	\$ 298

		4" SQ 1G PLSTR RING 5/8" RISE	10	0%	10	EA	\$ 468.81	C	\$ 47	\$ 75	15.00	C	1.50	\$ 113	\$ 159
		GROUND SCREW W/ INSUL #12 LEAD	10	0%	10	EA	\$ 402.86	C	\$ 40	\$ 75	6.00	C	0.60	\$ 45	\$ 85
		#10 x 3/4 P/H SELF-TAP SCREW	20	0%	20	EA	\$ 9.09	C	\$ 2	\$ 75	3.10	C	0.62	\$ 47	\$ 48
		1G DUPLEX REC PLATE - PLASTIC IVY	10	0%	10	EA	\$ 53.24	C	\$ 5	\$ 75	10	C	1.00	\$ 75	\$ 80
5		Motorized Damper	7	0%	7	EA	\$ -	E	\$ -	\$ 75	0.30	E	2.10	\$ 158	\$ 158
TOTALS									\$	19,528.34	\$	224.29	\$	16,821.73	

LIGHTING FIXTURES

CONDUITS

1		1" PVC SCH 40 Conduit	2194	10%	2413.4	LF	\$ 3.19	E	\$ 7,699	\$ 75	0.06	E	144.80	\$ 10,860	\$ 18,560
		2" ELBOW 90 DEG - RMC - GALV	44	0%	44	EA	\$ 27.22	E	\$ 1,198	\$ 75	0.52	E	22.88	\$ 1,716	\$ 2,914
		2" LOCKNUT - STEEL	110	0%	110	EA	\$ 0.50	E	\$ 55	\$ 75	0.05	E	5.98	\$ 449	\$ 504
		2" COUPLING - PVC	110	0%	110	EA	\$ 0.65	E	\$ 71	\$ 75	0.13	E	13.75	\$ 1,031	\$ 1,103
		2" ADAPTER FEM - PVC	44	0%	44	EA	\$ 0.89	E	\$ 39	\$ 75	0.14	E	6.34	\$ 475	\$ 514

CONDUCTORS

1		#6 CU THHN/THWN	8068	10%	8875	LF	\$ 1.24	E	\$ 10,967	\$ 75	0.001	E	8.87	\$ 666	\$ 11,633
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LIGHTING FIXTURES

1		AA1: Single Head LED Area Lighting With Integral Motion Sensor And Type V Distribution, 20FT Rounded Straight, Annodized Aluminum Pole With Die-Cast Aluminum Base, HUBBELL AIRO LED SERIES ASL-A-16L-4K-140-5-U-BL-SCP-F Mtg: Pole Mounted Watt: 56W	5	0%	5	EA	\$ -	E	\$ -	\$ 75	2	E	10.00	\$ 750	\$ 750
2		AA2: Single Head LED Area Lighting With Integral Motion Sensor And Type 3 Distribution, 20FT Rounded Straight, Annodized Aluminum Pole With Die-Cast Aluminum Base, HUBBELL AIRO LED SERIES ASL-A-16L-4K-140-3-U-BL-SCP-F Mtg: Pole Mounted Watt: 56W	9	0%	9	EA	\$ -	E	\$ -	\$ 75	2	E	18.00	\$ 1,350	\$ 1,350
3		AA2: Single Head LED Area Lighting With Integral Motion Sensor With Adapter And Type 3 Distribution, 20FT Rounded Straight, Annodized Aluminum Pole With Die-Cast Aluminum Base, HUBBELL AIRO LED SERIES ASL-A-16L-4K-140-3-U-BL-SCP-F Mtg: Existing Pole Watt: 56W	3	0%	3	EA	\$ -	E	\$ -	\$ 75	2	E	6.00	\$ 450	\$ 450
4		BB1: 42" Square Flat Top Aluminum Bollard With Motion Sensing, No Uplight And Type V Distribution, KIM LIGHTING PA7S-FT-NU-5-12L-010-4K7-42A-BL-MW-UNV Mtg: Bollard Watt: 22W	16	0%	16	EA	\$ -	E	\$ -	\$ 75	2	E	32.00	\$ 2,400	\$ 2,400
5		CC1: Compact FloodLight With Vertical Flood Distribution And Brass In-Grade Staked Junction Box, KIM LIGHTING CFL-VF-21-4K-50-UV-BL-EP17 Mtg: In-Grade Watt: 35W	1	0%	1	EA	\$ -	E	\$ -	\$ 75	2	E	2.00	\$ 150	\$ 150

LIGHTING CONTROLS

1		SINGLE POLE SWITCH	10	0%	10	EA	\$ 23.00	E	\$ 230	\$ 75	0.35	E	3.50	\$ 263	\$ 493
		4 x 1 1/2" SQ BOX COMB KO	10	0%	10	EA	\$ 734.50	C	\$ 73	\$ 75	30.00	C	3.00	\$ 225	\$ 298
		4" SQ 1G PLSTR RING 5/8" RISE	10	0%	10	EA	\$ 468.81	C	\$ 47	\$ 75	15.00	C	1.50	\$ 113	\$ 159
		GROUND SCREW W/ INSUL #12 LEAD	10	0%	10	EA	\$ 402.86	C	\$ 40	\$ 75	6.00	C	0.60	\$ 45	\$ 85
		#10 x 3/4 P/H SELF-TAP SCREW	20	0%	20	EA	\$ 9.09	C	\$ 2	\$ 75	3.10	C	0.62	\$ 47	\$ 48
		1G SW PLATE - PLASTIC IVY	10	0%	10	EA	\$ 53.24	C	\$ 5	\$ 75	10	C	1.00	\$ 75	\$ 80
2		Digital Light Switch	10	0%	10	EA		C	\$ -	\$ 75	30.00	C	3.00	\$ 225	\$ 225
		4 x 1 1/2" SQ BOX COMB KO	10	0%	10	EA		C	\$ -	\$ 75	30.00	C	3.00	\$ 225	\$ 225
		4" SQ 1G PLSTR RING 5/8" RISE	10	0%	10	EA		C	\$ -	\$ 75	15.00	C	1.50	\$ 113	\$ 113
		GROUND SCREW W/ INSUL #12 LEAD	10	0%	10	EA		C	\$ -	\$ 75	6.00	C	0.60	\$ 45	\$ 45
		#10 x 3/4 P/H SELF-TAP SCREW	20	0%	20	EA		C	\$ -	\$ 75	3.10	C	0.62	\$ 47	\$ 47
		1G SW PLATE - PLASTIC IVY	10	0%	10	EA		C	\$ -	\$ 75	10	C	1.00	\$ 75	\$ 75
TOTALS									\$	20,427.92	\$	290.57	\$	21,792.66	

TOTAL MATERIAL COST	\$	58,065.81
TOTAL LABOR COST	\$	42,981.09
TOTAL LABOR HOURS	\$	537.62
TOTAL COST	\$	101,046.91