



											MANHOOR UNIT RATE		\$ 92.5
SR. NO.	DESCRIPTION	QUANTITY	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT COST	MATERIAL COST	MANHOURS UNIT RATE	UNIT MANHOURS	TOTAL MANHOURS	MANHOURS COST	TOTAL TRADE COST	
<i>World Estimating</i>													
<b>CONDUITS</b>													
1	3/4" EMT Conduit	17193	10%	18912	FT	\$ 0.2	\$ 14,752	\$ 92.5	0.05	946	87,469	102,221	
	3/4" Set Screw Steel Coupling	1720	10%	1892	EA	\$ 0.38	\$ 719	\$ 92.5	0.06	114	10,501	11,220	
	3/4" Set Screw Steel Connectors	860	10%	946	EA	\$ 0.45	\$ 426	\$ 92.5	0.06	57	5,250	5,676	
	3/4" 1-Hole Strap	2150	10%	2365	EA	\$ 0.11	\$ 260	\$ 92.5	0.02	47	4,375	4,635	
2	3/4" RGS Conduit (Length Assumed)	300	10%	330	FT	\$ 2.69	\$ 888	\$ 92.5	0.06	20	1,832	2,719	
3	1" EMT Conduit	939	10%	1033	FT	\$ 1.25	\$ 1,291	\$ 92.5	0.06	57	5,255	6,546	
	1" Set Screw Steel Coupling	94	10%	103	EA	\$ 0.68	\$ 70	\$ 92.5	0.07	7	670	740	
	1" Set Screw Steel Connectors	47	10%	52	EA	\$ 0.79	\$ 41	\$ 92.5	0.07	4	335	376	
	1" 1-Hole Strap	118	10%	130	EA	\$ 0.14	\$ 18	\$ 92.5	0.02	3	240	258	
4	1-1/4" EMT Conduit	188	10%	207	FT	\$ 1.78	\$ 368	\$ 92.5	0.07	14	1,339	1,707	
	1-1/4" Set Screw Steel Coupling	19	10%	21	EA	\$ 1.71	\$ 36	\$ 92.5	0.11	2	213	248	
	1-1/4" Set Screw Steel Connectors	5	10%	6	EA	\$ 2.23	\$ 12	\$ 92.5	0.12	1	61	73	
	1-1/4" 1-Hole Strap	24	10%	26	EA	\$ 0.50	\$ 13	\$ 92.5	0.02	1	59	72	
5	2-1/2" EMT Conduit	254	10%	279	FT	\$ 3.94	\$ 1,101	\$ 92.5	0.10	27	2,455	3,556	
	2-1/2" Set Screw Steel Coupling	26	10%	29	EA	\$ 2.50	\$ 72	\$ 92.5	0.15	4	397	468	
	2-1/2" Set Screw Steel Connectors	13	10%	14	EA	\$ 4.50	\$ 64	\$ 92.5	0.20	3	265	329	
	2-1/2" 1-Hole Strap	32	10%	35	EA	\$ 0.80	\$ 28	\$ 92.5	0.03	1	98	126	
6	3" Empty EMT Conduit	63	10%	69	FT	\$ 4.84	\$ 335	\$ 92.5	0.11	8	705	1,041	
	3" Set Screw Steel Coupling	7	10%	8	EA	\$ 6.02	\$ 46	\$ 92.5	0.15	1	107	153	
	3" Set Screw Steel Connectors	4	10%	4	EA	\$ 7.51	\$ 33	\$ 92.5	0.23	1	94	127	
	3" 1-Hole Strap	8	10%	9	EA	\$ 2.00	\$ 18	\$ 92.5	0.02	0.2	16	34	
7	4" PVC Conduit	348	10%	383	FT	\$ 3.25	\$ 1,244	\$ 92.5	0.14	54	4,957	6,201	
8	4" EMT Conduit	242	10%	266	FT	\$ 7.56	\$ 120	\$ 92.5	0.16	43	165	285	
	4" Set Screw Steel Coupling	25	10%	28	EA	\$ 6.40	\$ 176	\$ 92.5	0.15	4	382	558	
	4" Set Screw Steel Connectors	4	10%	4	EA	\$ 7.80	\$ 34	\$ 92.5	0.23	1	94	128	
	4" 1-Hole Strap	31	10%	34	EA	\$ 2.20	\$ 75	\$ 92.5	0.02	1	63	138	
<i>World Estimating</i>													
<b>CONDUCTORS</b>													
1	CAT 5				FT	\$ 0.18	\$ 356	\$ 92.5	0.02	36	3,297	3,654	
2	2#14 (Considered for Fire Alarm)	1261	10%	1387	FT	\$ 0.20	\$ 277	\$ 92.5	0.01	17	1,540	1,817	
3	2#12, #12 MC Cable	1763	10%	1939	FT	\$ 0.64	\$ 1,241	\$ 92.5	0.03	48	4,485	5,726	
4	2#12, #12 G	14283	10%	15712	FT	\$ 0.42	\$ 6,599	\$ 92.5	0.01	204	\$ 18,893	\$ 25,492	
5	3#12, #12 G	254	10%	280	FT	\$ 0.56	\$ 157	\$ 92.5	0.02	4	\$ 414	\$ 571	
6	2#10, #10 G	910	10%	1001	FT	\$ 0.64	\$ 641	\$ 92.5	0.02	15	\$ 1,389	\$ 2,030	
7	3#10, #10 G	364	10%	401	FT	\$ 0.86	\$ 344	\$ 92.5	0.02	9	\$ 815	\$ 1,160	
8	3#8, #10 G	318	10%	350	FT	\$ 1.42	\$ 497	\$ 92.5	0.02	8	\$ 713	\$ 1,210	
9	4#8, #10 G	54	10%	59	FT	\$ 1.85	\$ 110	\$ 92.5	0.02	1	132	242	
10	4#2, 1#8 G	188	10%	207	FT	\$ 5.16	\$ 1,067	\$ 92.5	0.03	7	612	1,679	
11	3#3/0, 1#6 G	18	10%	20	FT	\$ 8.76	\$ 174	\$ 92.5	0.05	1	82	256	
12	4#3/0, 1#6 G	97	10%	107	FT	\$ 10.78	\$ 1,150	\$ 92.5	0.05	5	493	1,644	
13	4#3/0, 1#3 G	590	10%	649	FT	\$ 11.62	\$ 7,541	\$ 92.5	0.05	32	3,002	10,543	
14	5#3/0, 1#6 G	42	10%	46	FT	\$ 14.66	\$ 677	\$ 92.5	0.06	3	235	912	
15	Belden P/N 6509UE or Alpha P/N 58120/12 (12 Conductor, 22 Gauge, Stranded)	67	10%	74	FT	\$ 0.44	\$ 32	\$ 92.5	0.03	2	170	203	

World Estimating												
<b>GROUNDING</b>												
1	#3/0 Insulated Copper Grounding Electrode Conductors (Length Assumed)	300	10%	330	FT	\$ 2.94	\$ 970	\$ 92.5	0.04	12	1,068	2,039
2	#3/0 Main Bonding Jumper	1	0%	1	EA	\$ 22.99	\$ 23	\$ 92.5	0.50	1	46	69
3	3/4" x 10" CU Rod	4	0%	4	EA	\$ 130.55	\$ 522	\$ 92.5	1.40	6	518	1,040
4	Ground Bus	1	0%	1	EA	\$ 17.58	\$ 18	\$ 92.5	0.50	1	46	64
5	Neutral Bus	1	0%	1	EA	\$ 17.58	\$ 18	\$ 92.5	0.50	1	46	64
<b>LOW VOLTAGE AND OTHER ELECTRICAL DEVICES</b>												
1	112.5 kVA Dry Type Transformer	1	0%	1	EA	\$ 3,250	\$ 3,250	\$ 92.5	22.00	22	2,035	5,285
2	Automatic Transfer Switch (ATS) 400A - 3P	1	0%	1	EA	\$ 2,429	\$ 2,429	\$ 92.5	12.00	12	1,110	3,539
3	Generator 277/480V - 200kW Generator Remote Annunciator Panel	1	0%	1	EA	\$ 59,500	\$ 59,500	\$ 92.5	120.00	120	11,100	70,600
4	Concrete Pad for Generator	1	0%	1	EA	\$ -	\$ -	\$ 92.5	-	-	-	-
5	Conduits and Branch Circuits for Generator Control, Annunciator, Battery Charger, Block Heater and Accessory Power (Rating & Size of cable and Conduits are not provided). Coordinate Exact Requirement with Generator Vendor.	118	0%	118	FT	\$ -	\$ -	\$ 92.5	-	-	-	-
6	Surge Protection Device, Current Technologies TG3-300-480-3Y-MD-M3	1	0%	1	EA	\$ -	\$ -	\$ 92.5	-	-	-	-
<b>RECEPTACLES &amp; SWITCHES</b>												
1	20A Hospital Grade Duplex Receptacle, Hubbell 5362	105	0%	105	EA	\$ 13.78	\$ 1,447	\$ 92.5	0.32	33.6	3,108	4,555
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	105	0%	105	EA	\$ 2.18	\$ 229	\$ 92.5	0.22	23.1	2,137	2,366
	4" Square 1G Ind Dup Rcpt Cover	105	0%	105	EA	\$ 1.10	\$ 116	\$ 92.5	0.07	7.4	680	795
	Red Wirenuts	315	0%	315	EA	\$ 0.07	\$ 21	\$ 92.5	0.02	6.3	583	604
	Ground Screw with Bare Pigtail	105	0%	105	EA	\$ 0.80	\$ 84	\$ 92.5	0.01	1.1	97	181
	6x1/4" Pan Head Tapping Screw	420	0%	420	EA	\$ 0.02	\$ 10	\$ 92.5	0.01	4.2	389	398
2	20A Hospital Grade Duplex Receptacle, Hubbell 5362, Dedicated	64	0%	64	EA	\$ 13.78	\$ 882	\$ 92.5	0.32	20.5	1,894	2,776
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	64	0%	64	EA	\$ 2.18	\$ 140	\$ 92.5	0.22	14.1	1,302	1,442
	4" Square 1G Ind Dup Rcpt Cover	64	0%	64	EA	\$ 1.10	\$ 70	\$ 92.5	0.07	4.5	414	485
	Red Wirenuts	192	0%	192	EA	\$ 0.07	\$ 13	\$ 92.5	0.02	3.8	355	368
	Ground Screw with Bare Pigtail	64	0%	64	EA	\$ 0.80	\$ 51	\$ 92.5	0.01	0.6	59	110
	6x1/4" Pan Head Tapping Screw	256	0%	256	EA	\$ 0.02	\$ 6	\$ 92.5	0.01	2.6	237	243
3	20A Hospital Grade Duplex Receptacle, Hubbell 5362 Tamper Proof	19	0%	19	EA	\$ 13.78	\$ 262	\$ 92.5	0.32	6.1	562	824
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	19	0%	19	EA	\$ 2.18	\$ 41	\$ 92.5	0.22	4.2	387	428
	4" Square 1G Ind Dup Rcpt Cover	19	0%	19	EA	\$ 1.10	\$ 21	\$ 92.5	0.07	1.3	123	144
	Red Wirenuts	57	0%	57	EA	\$ 0.07	\$ 4	\$ 92.5	0.02	1.1	105	109
	Ground Screw with Bare Pigtail	19	0%	19	EA	\$ 0.80	\$ 15	\$ 92.5	0.01	0.2	18	33
	6x1/4" Pan Head Tapping Screw	76	0%	76	EA	\$ 0.02	\$ 2	\$ 92.5	0.01	0.8	70	72
4	20A Hospital Grade Duplex Receptacle, Hubbell 5362 Tamper Proof, GFI	3	0%	3	EA	\$ 13.78	\$ 41	\$ 92.5	0.32	1.0	89	130
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	3	0%	3	EA	\$ 2.18	\$ 7	\$ 92.5	0.22	0.7	61	68
	4" Square 1G Ind Dup Rcpt Cover	3	0%	3	EA	\$ 1.10	\$ 3	\$ 92.5	0.07	0.2	19	23
	Red Wirenuts	9	0%	9	EA	\$ 0.07	\$ 1	\$ 92.5	0.02	0.2	17	17
	Ground Screw with Bare Pigtail	3	0%	3	EA	\$ 0.80	\$ 2	\$ 92.5	0.01	0.0	3	5
	6x1/4" Pan Head Tapping Screw	12	0%	12	EA	\$ 0.02	\$ 0	\$ 92.5	0.01	0.1	11	11
5	20A Hospital Grade Duplex Receptacle, Hubbell 5362 - WP GFI	4	0%	4	EA	\$ 13.78	\$ 55	\$ 92.5	0.32	1.3	118	174
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	4	0%	4	EA	\$ 2.18	\$ 9	\$ 92.5	0.22	0.9	81	90
	4" Square 1G Ind Dup Rcpt Cover	4	0%	4	EA	\$ 1.10	\$ 4	\$ 92.5	0.07	0.3	26	30
	Red Wirenuts	12	0%	12	EA	\$ 0.07	\$ 1	\$ 92.5	0.02	0.2	22	23
	Ground Screw with Bare Pigtail	4	0%	4	EA	\$ 0.80	\$ 3	\$ 92.5	0.01	0.0	4	7

	6x1/4" Pan Head Tapping Screw	16	0%	16	EA	\$ 0.02	\$ 0	\$ 92.5	0.01	0.2	15	15
6	20A Hospital Grade Duplex Receptacle, Hubbell 5362, GFI	22	0%	22	EA	\$ 13.78	\$ 303	\$ 92.5	0.32	7.0	651	954
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	22	0%	22	EA	\$ 2.18	\$ 48	\$ 92.5	0.22	4.8	448	496
	4" Square 1G Ind Dup Rcpt Cover	22	0%	22	EA	\$ 1.10	\$ 24	\$ 92.5	0.07	1.5	142	167
	Red Wirenuts	66	0%	66	EA	\$ 0.07	\$ 4	\$ 92.5	0.02	1.3	122	127
	Ground Screw with Bare Pigtail	22	0%	22	EA	\$ 0.80	\$ 18	\$ 92.5	0.01	0.2	20	38
	6x1/4" Pan Head Tapping Screw	88	0%	88	EA	\$ 0.02	\$ 2	\$ 92.5	0.01	0.9	81	83
7	Double Duplex Receptacle Consisting of Two Single Receptacles Under Common Faceplate	13	0%	13	EA	\$ 13.78	\$ 179	\$ 92.5	0.32	4.2	385	564
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	13	0%	13	EA	\$ 2.18	\$ 28	\$ 92.5	0.22	2.9	265	293
	4" Square-2G Plaster Ring-5/8"D	13	0%	13	EA	\$ 1.01	\$ 13	\$ 92.5	0.07	0.9	84	97
	2G Plastic Duplex Receptacle Plate	13	0%	13	EA	\$ 0.54	\$ 7	\$ 92.5	0.08	1.0	96	103
	Red Wirenuts	39	0%	39	EA	\$ 0.07	\$ 3	\$ 92.5	0.02	0.8	72	75
	Ground Screw with Bare Pigtail	13	0%	13	EA	\$ 0.80	\$ 10	\$ 92.5	0.01	0.1	12	22
	6x1/4" Pan Head Tapping Screw	52	0%	52	EA	\$ 0.02	\$ 1	\$ 92.5	0.01	0.5	48	49
8	Double Duplex Receptacle Consisting of Two Single Receptacles Under A Common Faceplate, Connected To Emergency Power	1	0%	1	EA	\$ 13.78	\$ 14	\$ 92.5	0.32	0.3	30	43
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	1	0%	1	EA	\$ 2.18	\$ 2	\$ 92.5	0.22	0.2	20	23
	4" Square-2G Plaster Ring-5/8"D	1	0%	1	EA	\$ 1.01	\$ 1	\$ 92.5	0.07	0.1	6	7
	2G Plastic Duplex Receptacle Plate	1	0%	1	EA	\$ 0.54	\$ 1	\$ 92.5	0.08	0.1	7	8
	Red Wirenuts	3	0%	3	EA	\$ 0.07	\$ 0	\$ 92.5	0.02	0.1	6	6
	Ground Screw with Bare Pigtail	1	0%	1	EA	\$ 0.80	\$ 1	\$ 92.5	0.01	0.0	1	2
	6x1/4" Pan Head Tapping Screw	4	0%	4	EA	\$ 0.02	\$ 0	\$ 92.5	0.01	0.0	4	4
9	Double Duplex Receptacle Consisting of Two Single Receptacles Under A Common Faceplate, Tamper Proof	3	0%	3	EA	\$ 13.78	\$ 41	\$ 92.5	0.32	1.0	89	130
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	3	0%	3	EA	\$ 2.18	\$ 7	\$ 92.5	0.22	0.7	61	68
	4" Square-2G Plaster Ring-5/8"D	3	0%	3	EA	\$ 1.01	\$ 3	\$ 92.5	0.07	0.2	19	22
	2G Plastic Duplex Receptacle Plate	3	0%	3	EA	\$ 0.54	\$ 2	\$ 92.5	0.08	0.2	22	24
	Red Wirenuts	9	0%	9	EA	\$ 0.07	\$ 1	\$ 92.5	0.02	0.2	17	17
	Ground Screw with Bare Pigtail	3	0%	3	EA	\$ 0.80	\$ 2	\$ 92.5	0.01	0.0	3	5
	6x1/4" Pan Head Tapping Screw	12	0%	12	EA	\$ 0.02	\$ 0	\$ 92.5	0.01	0.1	11	11
10	Double Duplex Receptacle Consisting of Two Single Receptacles Under A Common Faceplate, Tamper Proof, GFI	1	0%	1	EA	\$ 13.78	\$ 14	\$ 92.5	0.32	0.3	30	43
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	1	0%	1	EA	\$ 2.18	\$ 2	\$ 92.5	0.22	0.2	20	23
	4" Square-2G Plaster Ring-5/8"D	1	0%	1	EA	\$ 1.01	\$ 1	\$ 92.5	0.07	0.1	6	7
	2G Plastic Duplex Receptacle Plate	1	0%	1	EA	\$ 0.54	\$ 1	\$ 92.5	0.08	0.1	7	8
	Red Wirenuts	3	0%	3	EA	\$ 0.07	\$ 0	\$ 92.5	0.02	0.1	6	6
	Ground Screw with Bare Pigtail	1	0%	1	EA	\$ 0.80	\$ 1	\$ 92.5	0.01	0.0	1	2
	6x1/4" Pan Head Tapping Screw	4	0%	4	EA	\$ 0.02	\$ 0	\$ 92.5	0.01	0.0	4	4
11	Recessed Floor Duplex Power Outlet And Tele / Data Outlet Location In Walker Resource RFB-6 Floor Box With Cast Aluminum Access Trim Plate	1	0%	1	EA	\$ 5.78	\$ 6	\$ 92.5	0.28	0.3	26	32
12	Special Purpose Outlet 20A/2P Nema L6-20R	1	0%	1	EA	\$ 13.78	\$ 14	\$ 92.5	0.32	0.3	30	43
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	1	0%	1	EA	\$ 2.18	\$ 2	\$ 92.5	0.22	0.2	20	23
	4" Square-2G Plaster Ring-5/8"D	1	0%	1	EA	\$ 1.01	\$ 1	\$ 92.5	0.07	0.1	6	7
	2G Plastic Duplex Receptacle Plate	1	0%	1	EA	\$ 0.54	\$ 1	\$ 92.5	0.08	0.1	7	8
	Red Wirenuts	3	0%	3	EA	\$ 0.07	\$ 0	\$ 92.5	0.02	0.1	6	6
	Ground Screw with Bare Pigtail	1	0%	1	EA	\$ 0.80	\$ 1	\$ 92.5	0.01	0.0	1	2
	6x1/4" Pan Head Tapping Screw	4	0%	4	EA	\$ 0.02	\$ 0	\$ 92.5	0.01	0.0	4	4
13	Tele / Data Outlet	50	0%	50	EA	\$ 5.78	\$ 289	\$ 92.5	0.28	14.0	1,295	1,584
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	50	0%	50	EA	\$ 2.18	\$ 109	\$ 92.5	0.22	11.0	1,018	1,127
	4" Square-2G Plaster Ring-5/8"D	50	0%	50	EA	\$ 1.01	\$ 51	\$ 92.5	0.07	3.5	324	374
	2G Plastic Duplex Receptacle Plate	50	0%	50	EA	\$ 0.54	\$ 27	\$ 92.5	0.08	4.0	370	397
	Red Wirenuts	150	0%	150	EA	\$ 0.07	\$ 10	\$ 92.5	0.02	3.0	278	288

	Ground Screw with Bare Pigtail	50	0%	50	EA	\$ 0.80	\$ 40	\$ 92.5	0.01	0.5	46	86
	6x1/4" Pan Head Tapping Screw	200	0%	200	EA	\$ 0.02	\$ 5	\$ 92.5	0.01	2.0	185	190
14	Tele Outlet	4	0%	4	EA	\$ 5.78	\$ 23	\$ 92.5	0.28	1.1	104	127
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	4	0%	4	EA	\$ 2.18	\$ 9	\$ 92.5	0.22	0.9	81	90
	4" Square-2G Plaster Ring-5/8"D	4	0%	4	EA	\$ 1.01	\$ 4	\$ 92.5	0.07	0.3	26	30
	2G Plastic Duplex Receptacle Plate	4	0%	4	EA	\$ 0.54	\$ 2	\$ 92.5	0.08	0.3	30	32
	Red Wirenuts	12	0%	12	EA	\$ 0.07	\$ 1	\$ 92.5	0.02	0.2	22	23
	Ground Screw with Bare Pigtail	4	0%	4	EA	\$ 0.80	\$ 3	\$ 92.5	0.01	0.0	4	7
	6x1/4" Pan Head Tapping Screw	16	0%	16	EA	\$ 0.02	\$ 0	\$ 92.5	0.01	0.2	15	15
15	Cable TV Outlet	7	0%	7	EA	\$ 5.78	\$ 40	\$ 92.5	0.28	2.0	181	222
	4" Square x 1-1/2" Deep Box w/ bkt (1/2 & 3/4 KO's)	7	0%	7	EA	\$ 2.18	\$ 15	\$ 92.5	0.22	1.5	142	158
	4" Square-2G Plaster Ring-5/8"D	7	0%	7	EA	\$ 1.01	\$ 7	\$ 92.5	0.07	0.5	45	52
	2G Plastic Duplex Receptacle Plate	7	0%	7	EA	\$ 0.54	\$ 4	\$ 92.5	0.08	0.6	52	56
	Red Wirenuts	21	0%	21	EA	\$ 0.07	\$ 1	\$ 92.5	0.02	0.4	39	40
	Ground Screw with Bare Pigtail	7	0%	7	EA	\$ 0.80	\$ 6	\$ 92.5	0.01	0.1	6	12
	6x1/4" Pan Head Tapping Screw	28	0%	28	EA	\$ 0.02	\$ 1	\$ 92.5	0.01	0.3	26	27
15	Junction Box	30	0%	30	EA	\$ 29.90	\$ 897	\$ 92.5	0.40	12.0	1,110	2,007
<i>World Estimating</i>												
<b>LIGHTING FIXTURES</b>												
1	B: 2x2 LED Basket Style Fixture MFG: LITHONIA 2FSL2-33L-EZ1-LP835	49	0%	49	EA	\$ -	\$ 92.5	2.25	110	10,198	10,198	
	Red Scotchlok Wirenuts (#18-10)	147	0%	147	EA	\$ -	\$ 92.5	0.02	3	272	272	
2	B (E) : 2x2 LED Basket Style Fixture - EM Module MFG: LITHONIA 2FSL2-33L-EZ1-LP835-EL14L	22	0%	22	EA	\$ -	\$ 92.5	2.25	50	4,579	4,579	
	Red Scotchlok Wirenuts (#18-10)	66	0%	66	EA	\$ -	\$ 92.5	0.02	1	122	122	
3	C: 2x4 LED Basket Style Fixture MFG: LITHONIA 2FSL4-40L-EZ1-LP835	7	0%	7	EA	\$ -	\$ 92.5	2.25	16	1,457	1,457	
	Red Scotchlok Wirenuts (#18-10)	21	0%	21	EA	\$ -	\$ 92.5	0.02	0	39	39	
4	C (E) : 2x4 LED Basket Style Fixture - EM Module MFG: LITHONIA 2FSL4-40L-EZ1-LP835	10	0%	10	EA	\$ -	\$ 92.5	2.25	23	2,081	2,081	
	Red Scotchlok Wirenuts (#18-10)	30	0%	30	EA	\$ -	\$ 92.5	0.02	1	56	56	
5	D: 2x4 LED Prismatic Troffer MFG: LITHONIA 2GTL-4-48L-FW-EZ1-LP835	6	0%	6	EA	\$ -	\$ 92.5	2.25	14	1,249	1,249	
	Red Scotchlok Wirenuts (#18-10)	18	0%	18	EA	\$ -	\$ 92.5	0.02	0	33	33	
6	D (E) : 2x4 LED Prismatic Troffer - EM Module MFG: LITHONIA 2GTL-4-48L-FW-EZ1-LP835-EL14L	4	0%	4	EA	\$ -	\$ 92.5	2.25	9	833	833	
	Red Scotchlok Wirenuts (#18-10)	12	0%	12	EA	\$ -	\$ 92.5	0.02	0	22	22	
7	E: 6" LED Downlight MFG: JUNO TC22LED-G4-09LM-35K-90CRI-MVOLTEZ10-27CWH	7	0%	7	EA	\$ -	\$ 92.5	1.75	12	1,133	1,133	
	Red Scotchlok Wirenuts (#18-10)	21	0%	21	EA	\$ -	\$ 92.5	0.02	0	39	39	
8	E (E) : 6" LED Downlight - EM Module MFG: JUNO TC22LED-G4-09LM-35K-90CRI-MVOLTEZ10-BR-27CWH	11	0%	11	EA	\$ -	\$ 92.5	1.75	19	1,781	1,781	
	Red Scotchlok Wirenuts (#18-10)	33	0%	33	EA	\$ -	\$ 92.5	0.02	1	61	61	
9	H: 2' Surface Mounted Fixture MFG: LITHONIA WL2-18L-EZ1-LP835	6	0%	6	EA	\$ -	\$ 92.5	2.25	14	1,249	1,249	

	4" Square Box (1/2 & 3/4 KO's)	6	0%	6	EA		\$ -	\$ 92.5	0.18	1	100	100
	4" Square-3/0 Plaster Ring-1/2"D	6	0%	6	EA		\$ -	\$ 92.5	0.07	0	39	39
	Red Wirenuts	18	0%	18	EA		\$ -	\$ 92.5	0.02	0	33	33
10	J2: 2'-0" LED Under Cabinet Fixture (24-1/16") MFG: CONTECH	26	0%	26	EA		\$ -	\$ 92.5	2.25	59	5,411	5,411
11	L: 4' LED Suspended Linear Fixture W/ Light Distribution at 20% Up/80% Down MFG: PHILIPS LEDALITE 24-G5-L-B-B-A-G-08-7-1-E-W	20	0%	20	EA		\$ -	\$ 92.5	2.50	50	4,625	4,625
12	L (E) : 4' LED Suspended Linear Fixture W/ Light Distribution at 20% Up/80% Down - EM Module MFG: PHILIPS LEDALITE 24-G5-L-B-B-A-G-08-7-1-E-W	9	0%	9	EA		\$ -	\$ 92.5	2.50	23	2,081	2,081
13	M: Fino Small Pendant W/Frosted Glass MFG: TECH LIGHTING 700-TD-FINPS-W-S-LED927	1	0%	1	EA		\$ -	\$ 92.5	2.50	3	231	231
14	2x2 Recessed Light Fixture with Emergency Ballast and Remote Heads	1	0%	1	EA		\$ -	\$ 92.5	2.25	2	208	208
	Red Scotchlok Wirenuts (#18-10)	3	0%	3	EA		\$ -	\$ 92.5	0.02	0	6	6
15	Exit Sign MFG: LITHONIA EXR-LED-EL-M6 NYC PROJECTS: LXNY-W-3-R-EL	19	0%	19	EA		\$ -	\$ 92.5	1.75	33	3,076	3,076
	<b>LIGHTING CONTROLS</b>											
1	Light Switch, Hubbell HBL1221, Pushbutton	6	0%	6	EA		\$ -	\$ 92.5	0.40	2	222	222
2	Light Switch, Hubbell HBL1221	25	0%	25	EA		\$ -	\$ 92.5	0.40	10	925	925
3	Dimming Switch	4	0%	4	EA		\$ -	\$ 92.5	0.50	2	185	185
4	Light Switch, Hubbell HBL1221, Motion Sensor	19	0%	19	EA		\$ -	\$ 92.5	0.40	8	703	703
5	Timer Switch	3	0%	3	EA		\$ -	\$ 92.5	0.60	2	167	167
6	Timed Override Switch (Supplied by BMS)	4	0%	4	EA		\$ -	\$ 92.5	0.40	2	148	148
7	Ceiling Mounted Motion Sensor with Remote Power Pack	4	0%	4	EA		\$ -	\$ 92.5	0.75	3	278	278
8	BMS Automation Panel By Unify, Installed & Terminated by E.C, Power by EC.	1	0%	1	EA		\$ -	\$ 92.5	8.00	8	740	740
1	18/2 Wire (Provided by BMS, Installed by EC)	441	10%	485	FT		\$ -	\$ 92.5	0.02	11	987	987
9	Lighting Contactor Panel By Unify, Installed & Terminated by E.C	1	0%	1	EA		\$ -	\$ 92.5	3.50	4	324	324
	<b>DISCONNECT SWITCH</b>											
1	Combined Fused Disconnect Switch / Magnetic Motor Starter- 20A/1P	9	0%	9	EA	\$ 39	\$ 351	\$ 92.5	1.20	11	999	1,350
2	Combined Fused Disconnect Switch / Magnetic Motor Starter- 20A/2P	1	0%	1	EA	\$ 51	\$ 51	\$ 92.5	1.75	2	162	213
3	Combined Fused Disconnect Switch / Magnetic Motor Starter- 25A/1P	4	0%	4	EA	\$ 39	\$ 156	\$ 92.5	1.20	5	444	600
4	Combined Fused Disconnect Switch / Magnetic Motor Starter- 30A/1P	2	0%	2	EA	\$ 44	\$ 88	\$ 92.5	1.30	3	241	329
5	Combined Fused Disconnect Switch / Magnetic Motor Starter- 30A/2P	2	0%	2	EA	\$ 54	\$ 108	\$ 92.5	1.80	4	333	441
6	Heavy Duty Fused Disconnect Switch, Nema Type 3R For Wet Location - 20A/1P	4	0%	4	EA	\$ 39	\$ 156	\$ 92.5	1.20	5	444	600
7	Heavy Duty Fused Disconnect Switch, Nema Type 3R For Wet Location - 20A/2P	6	0%	6	EA	\$ 51	\$ 306	\$ 92.5	1.75	11	971	1,277
8	Heavy Duty Fused Disconnect Switch, Nema Type 3R For Wet Location - 20A/3P	2	0%	2	EA	\$ 86	\$ 172	\$ 92.5	1.80	4	333	505

9	Heavy Duty Fused Disconnect Switch, Nema Type 3R For Wet Location - 25A/3P	1	0%	1	EA	\$ 112	\$ 112	\$ 92.5	2.00	2	185	297
10	Heavy Duty Fused Disconnect Switch, Nema Type 3R For Wet Location- 30A/3P	2	0%	2	EA	\$ 112	\$ 224	\$ 92.5	2.00	4	370	594
11	Heavy Duty Fused Disconnect Switch, Nema Type 3R For Wet Location - 40A/3P	1	0%	1	EA	\$ 136	\$ 136	\$ 92.5	2.10	2	194	330
12	Heavy Duty Fused Disconnect Switch, Nema Type 3R For Wet Location - 45A/3P	2	0%	2	EA	\$ 136	\$ 272	\$ 92.5	2.10	4	389	661
<i>World Estimating</i>												
<b>BREAKERS</b>												
1	20A 1P	140	0%	140	EA	\$ 30	\$ 4,200	\$ 92.5	0.34	48	4,403	8,603
2	20A 1P GFI	67	0%	67	EA	\$ 34	\$ 2,278	\$ 92.5	0.36	24	2,231	4,509
3	20A 2P	7	0%	7	EA	\$ 42	\$ 294	\$ 92.5	0.52	4	337	631
4	20A 3P	2	0%	2	EA	\$ 92	\$ 184	\$ 92.5	0.71	1	131	315
5	25A 1P	4	0%	4	EA	\$ 34	\$ 136	\$ 92.5	0.36	1	133	269
6	25A 3P	1	0%	1	EA	\$ 106	\$ 106	\$ 92.5	0.74	1	68	174
7	30A 1P	2	0%	2	EA	\$ 36	\$ 72	\$ 92.5	0.38	1	70	142
8	30A 2P	2	0%	2	EA	\$ 48	\$ 96	\$ 92.5	0.58	1	107	203
9	30A 3P	3	0%	3	EA	\$ 120	\$ 360	\$ 92.5	0.78	2	216	576
10	40A 3P	1	0%	1	EA	\$ 140	\$ 140	\$ 92.5	0.82	1	76	216
11	45A 3P	2	0%	2	EA	\$ 144	\$ 288	\$ 92.5	0.86	2	159	447
12	60A 3P	1	0%	1	EA	\$ 164	\$ 164	\$ 92.5	0.92	1	85	249
13	100A 3P	4	0%	4	EA	\$ 192	\$ 768	\$ 92.5	1.28	5	474	1,242
14	175A 3P	1	0%	1	EA	\$ 340	\$ 340	\$ 92.5	1.80	2	167	507
15	200A 3P	3	0%	3	EA	\$ 495	\$ 1,485	\$ 92.5	2.00	6	555	2,040
16	225A 3P	1	0%	1	EA	\$ 520	\$ 520	\$ 92.5	2.25	2	208	728
<b>PANELS</b>												
1	Panel LS-1 208Y/120V, 3P, 4W, Flush Mounted, 100A, MLO	1	0%	1	EA	\$ 485	\$ 485	\$ 92.5	4.00	4	370	855
2	Panel PP-1 208Y/120V, 3P, 4W, Flush Mounted, 200A, MLO	1	0%	1	EA	\$ 740	\$ 740	\$ 92.5	6.00	6	555	1,295
3	Panel PP-1G 208Y/120V, 3P, 4W, Flush Mounted, 200A, MLO	1	0%	1	EA	\$ 740	\$ 740	\$ 92.5	6.00	6	555	1,295
4	Panel CP-1 208Y/120V, 3P, 4W, Flush Mounted, 200A, MLO	1	0%	1	EA	\$ 740	\$ 740	\$ 92.5	6.00	6	555	1,295
5	Panel CP-1G 208Y/120V, 3P, 4W, Flush Mounted, 200A, MLO	1	0%	1	EA	\$ 740	\$ 740	\$ 92.5	6.00	6	555	1,295
6	Panel MP-1 208Y/120V, 3P, 4W, Flush Mounted, 225A, MLO	1	0%	1	EA	\$ 820	\$ 820	\$ 92.5	6.00	6	555	1,375
7	Panel HDP 277/480 Volts, 3P, 4W, Surface Mounted, 400A	1	0%	1	EA	\$ 1,250	\$ 1,250	\$ 92.5	10.00	10	925	2,175
8	Panel LDP 120/208 Volts, 3P, 4W, Surface Mounted, 400A	1	0%	1	EA	\$ 1,250	\$ 1,250	\$ 92.5	10.00	10	925	2,175
<b>INTERCOM</b>												
1	CAT-6A Sheilded (Plenum)	272	10%	299	FT	\$ 0.22	\$ 66	\$ 92.5	0.03	7	692	758
2	Intercom Master Monitor AIPHONE # JPS-4AEDF w/ JP-4MED	2	0%	2	EA	\$ 2,376	\$ 4,752	\$ 92.5	12.00	24	2,220	6,972
3	Intercom Sub Master Station AIPHONE # JP-4HD w/LCD Touchscreen	1	0%	1	EA	\$ 816	\$ 816	\$ 92.5	6.00	6	555	1,371
4	Intercom Video Door Station JP-DVF Flush Mount, Vandal Proof, Stainless Steel	3	0%	3	EA	\$ 422	\$ 1,266	\$ 92.5	4.00	12	1,110	2,376
<b>NURSE CALL</b>												
1	Nurse Call Duty Station TEKTONE # LI150B	7	0%	7	EA	\$ 72	\$ 506	\$ 92.5	1.25	9	809	1,315
2	Nurse Call Bath Station TEKTONE # SF155B W/PULL CHORD	6	0%	6	EA	\$ 43	\$ 255	\$ 92.5	1.05	6	583	838

3	Nurse Call Main Control Unit TEKTONE # PK152 w/ Power Supply, Transformer and IH151NK Equipment Cabinet	1	0%	1	EA	\$ 768	\$ 768	\$ 92.5	8.00	8	740	1,508
4	Nurse Call Dome Light TEKTONE LI118B	10	0%	10	EA	\$ 66	\$ 659	\$ 92.5	1.05	11	971	1,630
5	Nurse Call Annunciator Panel TEKTONE # NC110A	3	0%	3	EA	\$ 1,051	\$ 3,153	\$ 92.5	8.00	24	2,220	5,373
6	Nurse Call - Patient Station TEKTONE # SF100C # SF301A	5	0%	5	EA	\$ 88	\$ 440	\$ 92.5	1.05	5	486	926
7	Nurse Call - Staff Station TEKTONE # SF101C	5	0%	5	EA	\$ 83	\$ 414	\$ 92.5	1.05	5	486	900
8	CAT 5 Cable	480	0%	528	FT	\$ 0.18	\$ 95	\$ 92.5	0.02	10	879	974
<i>World Estimating</i>												
<b>FIRE ALARM</b>												
1	Carbon Monoxide Detector	9	0%	9	EA	\$ 64	\$ 576	\$ 92.5	0.50	5	416	992
2	Duct Mounted Smoke Detector	8	0%	8	EA	\$ 120	\$ 960	\$ 92.5	2.00	16	1,480	2,440
3	Fire Alarm Heat Detector	1	0%	1	EA	\$ 72	\$ 72	\$ 92.5	0.50	1	46	118
4	Fire Alarm Horn/Strobe, 75 cd	15	0%	15	EA	\$ 48	\$ 720	\$ 92.5	0.50	8	694	1,414
5	Fire Alarm Pull Station, Sinle Action with Clear Pre-Alarm Cover	2	0%	2	EA	\$ 56	\$ 112	\$ 92.5	0.55	1	102	214
6	Fire Alarm Smoke Detector	2	0%	2	EA	\$ 64	\$ 128	\$ 92.5	0.50	1	93	221
7	Fire Alarm Strobe, 75 cd	13	0%	13	EA	\$ 56	\$ 728	\$ 92.5	0.50	7	601	1,329
8	Fire Alarm Annunciator Panel	1	0%	1	EA	\$ 750	\$ 750	\$ 92.5	6.00	4	370	1,120
9	Fire Alarm Control Panel	1	0%	1	EA	\$ 1,250	\$ 1,250	\$ 92.5	8.00	8	740	1,990
<i>World Estimating</i>												
<b>DEMOLITION</b>												
1	Terminate, Cap and Remove all abandoned Electrical Conduit, Wiring, Boxes, Switches Etc.	8741	0%	8741	SFT		\$ -	\$ 92.5	0.10	874	80,854	80,854
<b>TOTAL MATERIAL COST</b>										<b>\$</b>	<b>154,491</b>	
<b>TOTAL MANHOURS' COST</b>										<b>\$</b>	<b>363,237</b>	
<b>TOTAL COST</b>										<b>\$</b>	<b>517,727</b>	
<b>OVERHEADS &amp; PROFIT</b>										<b>25%</b>	<b>\$ 129,432</b>	
<b>TOTAL BID</b>										<b>\$</b>	<b>647,159</b>	
<b>SCOPE OF ESTIMATE:</b>												
<b>I</b>	<b>SUPPLY (BY GC)</b>											
1	Conductors and Conduits											
2	Switches, Receptacles											
3	Disconnect Switches											
4	Panels, Circuit Breakers											
5	Fire alarm											
6	Nurse Call System											
<i>World Estimating</i>												
<b>II</b>	<b>INSTALLATION (BY GC)</b>											
1	Conductors and Conduits											
2	Switches, Receptacles											
3	Disconnect Switches											
4	Lighting Fixtures & Control											
5	Panels, Circuit Breakers											
6	Fire alarm											
7	Nurse Call System											
<b>III</b>	<b>NOTES</b>											

1	As per DAVITA Responsibility Matrix, I.T. Equipment, Low Voltage Devices and Wiring will be provided and installed by Owner. GC shall include coordination of Schedule and Delivery.
2	As per DAVITA Responsibility Matrix, Lighting Fixtures & Controls will be provided by Owner and installed by GC.
3	Location of Alarm panels' is shown in plans. Provide wiring to Alarm panels as per Manufacturers' Instructions which we have not considered yet.
4	Existing Conditions are not Generally shown. Contractor shall verify all conditions in Field prior to submission of Bid.
5	Provide a Framed 11x17 As Built Electrical Power Riser Diagram at each of the following locations: Building Main Disconnect Switch, DAVITA MDP, DAVITA MTS, FA ATS.