

Contractor Contact Info: Sample - Electrical

This estimate is subjected to a final site visit prior to confirmation of cost and is based on plans dated 09/02/2020.

Project: LIDL Montgomery Village - 19251 Center Way Rd. Montgomery Village, MD 20879

9/17/2020

Description	Qty.	Unit	Cost (a)	Total matl.	Labor rate **	Mh Unit	Man-hours	Total labor	Total
<b>New/Reconstruction</b>									
<b>Wire &amp; Conduit - Single Line &amp; Building - Copper (UON) - 10% Waste Added to All Wire/Conduit Totals</b>									
MC Cable - Power Branch Circuits	325	LF	0.78	253.50	42	0.011	3.58	150.15	\$ 403.65
MC Cable - Lighting Branch Circuits	2200	LF	0.78	1716.00	42	0.011	24.20	1016.40	\$ 2,732.40
#12 - Home Runs - Building Power	34208	LF	0.18	6157.44	42	0.008	273.66	11493.89	\$ 17,651.33
#1	523	LF	1.75	915.25	42	0.014	7.32	307.52	\$ 1,222.77
#8	5786	LF	0.39	2256.54	42	0.009	52.07	2187.11	\$ 4,443.65
Allowance for Factory Installed Feeders	1000	LF	0	0.00	42	0.1	100.00	4200.00	\$ 4,200.00
<b>Conduit w/ pull string - EMT (UON)</b>									
5"	100	LF	18	1800.00	42	0.27	27.00	1134.00	\$ 2,934.00
1-1/2"	952	LF	3.9	3712.80	42	0.07	66.64	2798.88	\$ 6,511.68
1"	1642	LF	2.08	3415.36	42	0.055	90.31	3793.02	\$ 7,208.38
2" PVC	90	LF	3.5	315.00	42	0.072	6.48	272.16	\$ 587.16
4"	497	LF	14.06	6987.82	42	0.17	84.49	3548.58	\$ 10,536.40
2"	100	LF	4.78	478.00	42	0.086	8.60	361.20	\$ 839.20
3/4" Flex Cable	100	LF	1.19	119.00	42	0.043	4.30	180.60	\$ 299.60
3/4" - power HR	36128	LF	1.2	43353.60	42	0.043	1553.50	65247.17	\$ 108,600.77
3/4" - data/phone/security	600	LF	1.2	720.00	42	0.043	25.80	1083.60	\$ 1,803.60
				<b>\$ 72,200.31</b>			<b>2327.959</b>	<b>\$ 97,774.28</b>	<b>\$ 169,974.59</b>
<b>Wire Devices</b>									
Dup	3	EA	26	78.00	42	0.775	2.33	97.65	\$ 175.65
Dup - Switched	8	EA	26	208.00	42	0.775	6.20	260.40	\$ 468.40
Dup - Ceiling	1	EA	26	26.00	42	0.775	0.78	32.55	\$ 58.55
Quad Floor Box	5	EA	229	1145.00	42	1.25	6.25	262.50	\$ 1,407.50
Special receptacle (Nema 15/20R) in floor box	45	EA	179	8055.00	42	1.25	56.25	2362.50	\$ 10,417.50
Special receptacle (Nema 5/20R) in floor box	3	EA	179	537.00	42	1.25	3.75	157.50	\$ 694.50
Special receptacle (Nema 5/20R)	1	EA	32	32.00	42	0.775	0.78	32.55	\$ 64.55
Special receptacle (Nema 5/15R)	2	EA	32	64.00	42	0.775	1.55	65.10	\$ 129.10

Special receptacle (Nema 5/15R) in floor box	20	EA	179	3580.00	42	1.25	25.00	1050.00	\$	4,630.00
Special receptacle (Nema 15/20R)	21	EA	32	672.00	42	0.775	16.28	683.55	\$	1,355.55
Simplex	54	EA	26	1404.00	42	0.775	41.85	1757.70	\$	3,161.70
Simplex - GFCI	9	EA	32	288.00	42	0.775	6.98	292.95	\$	580.95
GFCI - Switched	4	EA	32	128.00	42	0.775	3.10	130.20	\$	258.20
Simplex - GFCI - WP	5	EA	42	210.00	42	0.775	3.88	162.75	\$	372.75
GFCI - WP - Install Only	5	EA	42	210.00	42	0.775	3.88	162.75	\$	372.75
Sw-1	1	EA	16	16.00	42	0.95	0.95	39.90	\$	55.90
Sw-3	2	EA	32	64.00	42	0.95	1.90	79.80	\$	143.80
Sw-4	1	EA	42	42.00	42	0.95	0.95	39.90	\$	81.90
Quad	16	EA	52	832.00	42	1.4	22.40	940.80	\$	1,772.80
Single gang Back Box for future outlet - Site	2	EA	59	118.00	42	0.95	1.90	79.80	\$	197.80
Single gang (15/30R) Back Box w/matching 15/30	6	EA	179	1074.00	42	0.95	5.70	239.40	\$	1,313.40
Single gang (15/20R) Back Box w/matching 15/20	2	EA	179	358.00	42	0.95	1.90	79.80	\$	437.80
J-box -pylon sign	1	EA	59	59.00	42	0.423	0.42	17.77	\$	76.77
Smoke detector	31	EA	109	3379.00	42	1	31.00	1302.00	\$	4,681.00
18 x 12 Cable Tray - Closed Tray	40	LF	44.67	1786.80	42	0.13	5.20	218.40	\$	2,005.20
24 x 12 Cable Tray - Open Tray	216	LF	49.67	10728.72	42	0.15	32.40	1360.80	\$	12,089.52
12 x 4 Cable Tray - Closed Tray	103	LF	40.67	4189.01	42	0.1	10.30	432.60	\$	4,621.61
12 x 4 Cable Tray - Open Tray	142	LF	40.67	5775.14	42	0.1	14.20	596.40	\$	6,371.54
48 x 18 x 36 Handhold	1	EA	1850	1850.00	42	1.5	1.50	63.00	\$	1,913.00
J-box - Fire component	44	EA	26	1144.00	42	0.423	18.61	781.70	\$	1,925.70
J-box - Data	6	EA	26	156.00	42	0.423	2.54	106.60	\$	262.60
J-box - Telecommunications	32	EA	26	832.00	42	0.423	13.54	568.51	\$	1,400.51
J-box -TV (outlet not included)	3	EA	26	78.00	42	0.423	1.27	53.30	\$	131.30
J-box - WAP	31	EA	52	1612.00	42	0.423	13.11	550.75	\$	2,162.75
J-box - Exterior - WP	3	EA	59	177.00	42	0.423	1.27	53.30	\$	230.30
J-box- Power	84	EA	26	2184.00	42	0.423	35.53	1492.34	\$	3,676.34
J-box - Data/Phone - 2 gang	9	EA	52	468.00	42	0.423	3.81	159.89	\$	627.89
J-box -camera	24	EA	52	1248.00	42	0.423	10.15	426.38	\$	1,674.38
J-box - Ceiling occupancy	20	EA	52	1040.00	42	0.423	8.46	355.32	\$	1,395.32
J-box -Data/Phone	42	EA	26	1092.00	42	0.423	17.77	746.17	\$	1,838.17
J-box -Power - WP	5	EA	49	245.00	42	0.423	2.12	88.83	\$	333.83
J-box - lighting	4	EA	26	104.00	42	0.423	1.69	71.06	\$	175.06
				<b>\$ 57,288.67</b>			<b>439.409</b>	<b>\$ 18,455.18</b>	<b>\$</b>	<b>75,743.85</b>

<b>Switchgear</b>												
MDP 1			1	EA	0	0.00	42	10	10.00	420.00	\$	420.00
Panel HK			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
LDP 1			1	EA	0	0.00	42	10	10.00	420.00	\$	420.00
LDP 2			1	EA	0	0.00	42	10	10.00	420.00	\$	420.00
225KVA Transformer			2	EA	0	0.00	42	15	30.00	1260.00	\$	1,260.00
Panel BK 1			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LD1			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LC1			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LA1			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LA2			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LB1			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LB2			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LA3			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LE1IT			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Panel LC2			1	EA	0	0.00	42	15	15.00	630.00	\$	630.00
Grounding Bus			1	EA	0	0.00	42	0.5	0.50	21.00	\$	21.00
Automatic Transfer Switch - 800 A			1	EA	0	0.00	42	2	2.00	84.00	\$	84.00
800/3 - Site			1	EA	0	0.00	42	12	12.00	504.00	\$	504.00
800 CT Cabinet - Site			1	EA	0	0.00	42	5	5.00	210.00	\$	210.00
Weather head			1	EA	109	109.00	42	1.5	1.50	63.00	\$	172.00
20/1			218	EA	17	3706.00	42	0.1	21.80	915.60	\$	4,621.60
350/3			2	EA	2,400	4800.00	42	1.75	3.50	147.00	\$	4,947.00
30/3			8	EA	135	1080.00	42	0.2	1.60	67.20	\$	1,147.20
225/3			10	EA	1,350	13500.00	42	1.25	12.50	525.00	\$	14,025.00
100/3			1	EA	205	205.00	42	0.2	0.20	8.40	\$	213.40
125/3			1	EA	1,350	1350.00	42	1.25	1.25	52.50	\$	1,402.50
60/2			1	EA	38	37.80	42	0.15	0.15	6.30	\$	44.10
20/2			4	EA	37	148.00	42	0.15	0.60	25.20	\$	173.20
60/3			8	EA	135	1080.00	42	0.2	1.60	67.20	\$	1,147.20
250/3			1	EA	2,400	2400.00	42	1.75	1.75	73.50	\$	2,473.50
15/3			2	EA	135	270.00	42	0.2	0.40	16.80	\$	286.80
35/3			3	EA	135	405.00	42	0.2	0.60	25.20	\$	430.20
20/3			39	EA	135	5265.00	42	0.2	7.80	327.60	\$	5,592.60

40/3			1	EA	135	135.00	42	0.2	0.20	8.40	\$	143.40
30/1			13	EA	17	221.00	42	0.1	1.30	54.60	\$	275.60
15/2			6	EA	38	226.80	42	0.15	0.90	37.80	\$	264.60
25/1			3	EA	17	51.00	42	0.1	0.30	12.60	\$	63.60
45/3			1	EA	135	135.00	42	0.2	0.20	8.40	\$	143.40
15/1			5	EA	17	85.00	42	0.1	0.50	21.00	\$	106.00
						<b>\$ 35,209.60</b>			<b>303.15</b>	<b>\$ 12,732.30</b>	<b>\$</b>	<b>47,941.90</b>
<b>Lighting - Install Only</b>												
F1A			214	EA	0	0.00	42	1	214.00	8988.00	\$	8,988.00
F1A-EM			43	EA	0	0.00	42	1	43.00	1806.00	\$	1,806.00
F5-EM			4	EA	0	0.00	42	1	4.00	168.00	\$	168.00
EWM2			15	EA	0	0.00	42	1	15.00	630.00	\$	630.00
X1/P			7	EA	0	0.00	42	1	7.00	294.00	\$	294.00
F9A			14	EA	0	0.00	42	1	14.00	588.00	\$	588.00
F9C			10	EA	0	0.00	42	1	10.00	420.00	\$	420.00
X1/W			9	EA	0	0.00	42	1	9.00	378.00	\$	378.00
F1B			16	EA	0	0.00	42	1	16.00	672.00	\$	672.00
F1B-EM			6	EA	0	0.00	42	1	6.00	252.00	\$	252.00
F9B			53	EA	0	0.00	42	1	53.00	2226.00	\$	2,226.00
F2B			16	EA	0	0.00	42	1	16.00	672.00	\$	672.00
F2A			80	EA	0	0.00	42	1	80.00	3360.00	\$	3,360.00
F4			29	EA	0	0.00	42	1	29.00	1218.00	\$	1,218.00
F4-EM			4	EA	0	0.00	42	1	4.00	168.00	\$	168.00
F3			10	EA	0	0.00	42	1	10.00	420.00	\$	420.00
F3-EM			3	EA	0	0.00	42	1	3.00	126.00	\$	126.00
F5-MS			4	EA	0	0.00	42	1	4.00	168.00	\$	168.00
X2-P			2	EA	0	0.00	42	1	2.00	84.00	\$	84.00
F8			11	EA	0	0.00	42	1	11.00	462.00	\$	462.00
F7			3	EA	0	0.00	42	1	3.00	126.00	\$	126.00
F7-EM			1	EA	0	0.00	42	1	1.00	42.00	\$	42.00
F6			2	EA	0	0.00	42	1	2.00	84.00	\$	84.00
X1-R			1	EA	0	0.00	42	1	1.00	42.00	\$	42.00
Site - B1			3	EA	0	0.00	42	2.5	7.50	315.00	\$	315.00
Site - B2			12	EA	0	0.00	42	2.5	30.00	1260.00	\$	1,260.00

Site - B3			3	EA	0	0.00	42	2.5	7.50	315.00	\$	315.00
F10D			25	LF	0	0.00	42	0.25	6.25	262.50	\$	262.50
Cooler/Freezer Lighting			13	EA	0	0.00	42	1	13.00	546.00	\$	546.00
Lighting Control - OC Ceiling			38	EA	0	0.00	42	1	38.00	1596.00	\$	1,596.00
						\$ -			\$ 659.25	\$ 27,688.50	\$	27,688.50
<b>Additional Costs</b>												
Lift			2	EA	750	1500	42	0	0.00	0.00	\$	1,500.00
Connect security panel			1	EA	0	0	42	2	2.00	84.00	\$	84.00
Connect Power pole			4	EA	0	0	42	1	4.00	168.00	\$	168.00
Connect Freezer/Cooler			3	EA	0	0	42	10	30.00	1260.00	\$	1,260.00
Connect Hood			1	EA	0	0	42	2	2.00	84.00	\$	84.00
Connect fire component			49	EA	0	0	42	1	49.00	2058.00	\$	2,058.00
Connect Ansul system			1	EA	0	0	42	2	2.00	84.00	\$	84.00
Connect camera - Site			4	EA	0	0	42	1	4.00	168.00	\$	168.00
Connect camera - Building			20	EA	0	0	42	1	20.00	840.00	\$	840.00
Permit Fees			0	LS	0	0	0	0	0.00	0.00	\$	-
Trenching/Backfill Allowance			0	LS	0	0	0	0	0.00	0.00	\$	-
Switch Gear Package			0	LS	0	0	0	0	0.00	0.00	\$	-
Fire Package			0	LS	0	0	0	0	0.00	0.00	\$	-
Lighting Package			0	LS	0	0	0	0	0.00	0.00	\$	-
<b>TOTAL - ADDITIONAL COST</b>						\$ 1,500.00			113	\$ 4,746.00	\$	6,246.00
<b>SUB TOTAL</b>											\$	327,594.84
<b>OVERHEAD</b>					0%						\$	-
<b>PROFIT</b>					0%						\$	-
<b>PRE-TAX TOTAL</b>					0.0%						\$	327,594.84
<b>TAX</b>											\$	-
<b>PROPOSED CONTRACT PRICE</b>											\$	327,594.84

**EXCLUSIONS:** All not indicated above including all data and telecommunication outlets, switch gear costs, /fire/door alarm, lighting, any equipment that indicates "install only" demo and all site work.

Meter, CAT6 Wiring, **all items in RED.**

**\*\* Please adjust your labor rate accordingly.**