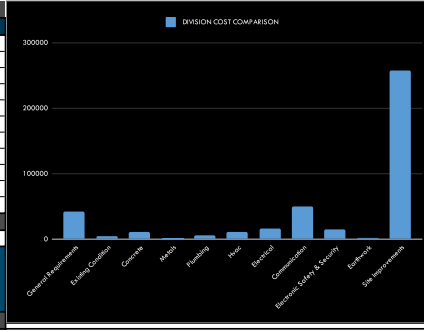


GENERAL SUMMARY

Prepared for: **Guardhouse Tenant Improvement Sortation Centre Facility AMZ ONT5, CA 92408**
 Project ID: **12,072,024**
 Scope: **G.C**
 No. Of Floors: **0**
 Date: **12-Jul-24**



BUILDING GSF		
DIVISION NO	DESCRIPTION	TOTAL DIV. COST
1000	General Requirements	\$ 42,000
2000	Existing Condition	\$ 3,989
3000	Concrete	\$ 11,398
5000	Metals	\$ -
22000	Plumbing	\$ 6,248
23000	Hvac	\$ 11,259
26000	Electrical	\$ 16,301
27000	Communication	\$ 50,115
28000	Electronic Safety & Security	\$ 15,239
31000	Earthwork	\$ 2,471
32000	Site Improvements	\$ 257,616
TOTAL TRADE COST		\$ 416,636
OVERHEAD AND PROFIT		
	15%	\$ 62,495
INSURANCE		
	3%	\$ 12,499
CONTINGENCY		
	5%	\$ 20,832
TAX		
	7%	\$ 20,895
SUGGESTED BID		\$ 533,357



39	A2.14	Plan Notes	Durasteel Model PC-RR2610SW - Size: 26'-0" x 10'-0" x 10'-9 1/2" - Steel Tube Metal Framing of Wall, Roof & Base - Steel Pan @ Walls (Interior & Exterior) & Ceiling - Fiber Glass Insulation @ Wall & Ceiling - Polyiso Ceiling @ Floor & Roof - Aluminum Tread Plate @ Floor - White Elastomeric Roof Coating - (2) Layers of OSB @ Subfloor - (1) Layers of OSB @ Roof - Include HVAC, Electrical & Plumbing Works - By Others	EA	1	0%	1		\$ 35.00	\$ -	\$ -	\$ -	\$ -	\$ -	
													SUBTOTAL	\$ -	\$ -
PLUMBING															
		Plumbing Plans	COLD WATER PIPE (BELOW GRADE)												
			Type "K" Copper Pipe W/ Fittings												
40			1-1/2" Dia Cold Water Pipe	LF	4	10%	4	0.160	\$ 35.00	\$ 5.60	\$ 16.00	\$ 21.60	\$ 95.04		
			1/2" Thick Closed Cell Foam Insulation W/ 10 Mil Plastic Sleeve Protector												
41			1-1/2" Dia Cold Water Pipe	LF	4	10%	4	0.02	\$ 35.00	\$ 0.77	\$ 2.25	\$ 3.02	\$ 13.29		
			COLD WATER PIPE FITTINGS												
			ELBOW												
42			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	0.615	\$ 35.00	\$ 21.53	\$ 31.00	\$ 52.53	\$ 52.53		
			WASTE PIPE (BELOW GRADE)												
			Non Hub Cast Iron Pipe W/ Fittings												
43			2" Dia Waste Pipe	LF	6	10%	7	0.271	\$ 35.00	\$ 9.49	\$ 9.15	\$ 18.64	\$ 122.99		
44			3" Dia Waste Pipe	LF	4	10%	4	0.302	\$ 35.00	\$ 10.57	\$ 16.25	\$ 26.82	\$ 118.01		
45			4" Dia Waste Pipe	LF	6	10%	7	0.333	\$ 35.00	\$ 11.66	\$ 21.50	\$ 33.16	\$ 218.82		
			WASTE PIPE FITTINGS												
			ELBOW												
46			2" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1	0.440	\$ 35.00	\$ 15.40	\$ 2.80	\$ 18.20	\$ 18.20		
47			3" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2	0.699	\$ 35.00	\$ 24.47	\$ 9.55	\$ 34.02	\$ 68.03		
48			4" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2	0.879	\$ 35.00	\$ 30.77	\$ 17.10	\$ 47.87	\$ 95.73		
49			2" Dia Waste Pipe 45 Deg Elbow	EA	1	0%	1	0.440	\$ 35.00	\$ 15.40	\$ 3.08	\$ 18.48	\$ 18.48		
			WYE												
50			4" / 2" Dia Waste Pipe Wye	EA	1	0%	1	1.322	\$ 35.00	\$ 46.27	\$ 25.50	\$ 71.77	\$ 71.77		
			REDUCER												
51			4" / 3" Dia Waste Pipe Reducer	EA	1	0%	1	0.800	\$ 35.00	\$ 28.00	\$ 10.35	\$ 38.35	\$ 38.35		
			STORM DRAIN PIPE (BELOW GRADE)												
		Assumed Size Assumed	Non Hub Cast Iron Pipe W/ Fittings												
52	P1.00		4" Dia Storm Drain Pipe	LF	12	10%	13	0.276	\$ 35.00	\$ 9.66	\$ 26.00	\$ 35.66	\$ 470.71		
			STORM DRAIN PIPE FITTINGS												
			ELBOW												
53			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	5	0%	5	1.231	\$ 35.00	\$ 43.09	\$ 136.00	\$ 179.09	\$ 895.43		
			PLUMBING FIXTURES												
			WC-1, Water Closet GPF Top Spud Flush Valve. Water Closet W/ ADA Approved Elongated Floor Mounted Rear Outlet W/ Elongated Open Front Seat & NO LID. Provide 3" Dia Trap. Note: Plumbing Fixtures Are Included With Prefabricated Building, Shipped Loose For Contractor Installation, Fixture Included Here For Reference.	EA	1	0%	1	3.500	\$ 35.00	\$ 122.50	\$ 850.00	\$ 972.50	\$ 972.50		
54														\$ 122.50	\$ 850.00
			1-1 Lavatory: Mounting Height & Fixture Controls to be ADA Compliant. Provide 1-1/2" Dia Trap. Note: Plumbing Fixtures Are Included With Prefabricated Building, Shipped Loose For Contractor Installation, Fixture Included Here For Reference.	EA	1	0%	1	2.850	\$ 35.00	\$ 99.75	\$ 400.00	\$ 499.75	\$ 499.75		
55														\$ 99.75	\$ 400.00
			WATER HEATER												
			WH-1, Instantaneous Electric Water Heater Manufacturer: Chromite Model: M-20L Flow 0.5 GPM Note: Water Heater to be provided by Prefabricated Building Manufacturer, Water Heater Manufacturer May vary. Shipped Loose For Installation by Plumbers Contractor	EA	1	0%	1	4.200	\$ 35.00	\$ 147.00	\$ 471.70	\$ 618.70	\$ 618.70		
56														\$ 147.00	\$ 471.70
			MISCELLANEOUS												
			STORM DRAIN PIPE ACCESSORIES												
57			4" Dia Downspout Boot (Size Assumed)	EA	6	0%	6	0.480	\$ 35.00	\$ 16.80	\$ 42.50	\$ 59.30	\$ 355.80		
			HUB-LESS CAST IRON PIPE COUPLING												
58			2" Dia Stainless Steel Shielded Couple	EA	8	0%	8	0.200	\$ 35.00	\$ 7.00	\$ 8.65	\$ 15.65	\$ 125.20		
59			3" Dia Stainless Steel Shielded Couple	EA	9	0%	9	0.200	\$ 35.00	\$ 7.00	\$ 11.56	\$ 18.56	\$ 167.04		
60			4" Dia Stainless Steel Shielded Couple	EA	6	0%	6	0.200	\$ 35.00	\$ 7.00	\$ 15.10	\$ 22.10	\$ 132.60		
			CAST IRON PIPE TIE-IN												
61			4" Dia Pipe Tie-In	EA	6	0%	6	0.650	\$ 35.00	\$ 22.75	\$ 96.30	\$ 119.05	\$ 714.30		
			PIPE TRANSITION												
62			2" Dia Pipe Transition Cast Iron To PVC	EA	1	0%	1	0.350	\$ 35.00	\$ 12.25	\$ 11.95	\$ 24.20	\$ 24.20		
63			3" Dia Pipe Transition Cast Iron To PVC	EA	1	0%	1	0.350	\$ 35.00	\$ 12.25	\$ 13.54	\$ 25.79	\$ 25.79		
64			4" Dia Pipe Transition Cast Iron To PVC	EA	1	0%	1	0.350	\$ 35.00	\$ 12.25	\$ 16.58	\$ 28.83	\$ 28.83		
			TRENCHING & BACKFILLING												
65			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Lab	CFT	96	0%	96	0.085	\$ 35.00	\$ 2.98	\$ -	\$ 2.98	\$ 285.60		
													SUBTOTAL	\$ 6,248	\$ 6,248
HVAC															
		Portaking Documentation	HVA UNITS												
66			HVAC Unit W/ Mounting Pad On Roof, (Ship Loose) (MXZSC4NAHZ)	EA	1	0%	1	4.500	\$ 35.00	\$ 157.50	\$ 4,534.60	\$ 4,692.10	\$ 4,692.10		

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\$ 24.64	\$ 70.40	\$ -
\$ -	\$ -	\$ -
\$ 3.39	\$ 9.90	\$ -
\$ -	\$ -	\$ -
\$ -	\$ -	\$ -
\$ 21.53	\$ 31.00	\$ -
\$ -	\$ -	\$ -
\$ -	\$ -	\$ -
\$ 62.60	\$ 60.39	\$ -
\$ 46.51	\$ 71.50	\$ -
\$ 76.92	\$ 141.90	\$ -
\$ -	\$ -	\$ -
\$ 15.40	\$ 2.80	\$ -
\$ 48.93	\$ 19.10	\$ -
\$ 61.53	\$ 34.20	\$ -
\$ 15.40	\$ 3.08	\$ -
\$ -	\$ -	\$ -
\$ 46.27	\$ 25.50	\$ -
\$ -	\$ -	\$ -
\$ 28.00	\$ 10.35	\$ -
\$ -	\$ -	\$ -
\$ 127.51	\$ 343.20	\$ -
\$ -	\$ -	\$ -
\$ 215.43	\$ 680.00	\$ -
\$ -	\$ -	\$ -
\$ 122.50	\$ 850.00	\$ -
\$ -	\$ -	\$ -
\$ 99.75	\$ 400.00	\$ -
\$ -	\$ -	\$ -
\$ 147.00	\$ 471.70	\$ -
\$ -	\$ -	\$ -
\$ -	\$ -	\$ -
\$ 100.80	\$ 255.00	\$ -
\$ -	\$ -	\$ -
\$ 56.00	\$ 69.20	\$ -
\$ 63.00	\$ 104.04	\$ -
\$ 42.00	\$ 90.60	\$ -
\$ -	\$ -	\$ -
\$ 136.50	\$ 577.80	\$ -
\$ -	\$ -	\$ -
\$ 12.25	\$ 11.95	\$ -
\$ 12.25	\$ 13.54	\$ -
\$ 12.25	\$ 16.58	\$ -
\$ -	\$ -	\$ -
\$ 285.60	\$ -	\$ -
\$ -	\$ -	\$ -
\$ -	\$ -	\$ -
\$ -	\$ -	\$ -
\$ -	\$ -	\$ -
\$ 157.50	\$ 4,534.60	\$ 4,692.10

67	A2.14		Split System Unit (Shipped Loose)	EA	1	0%	1	4.500	\$ 35.00	\$ 157.50	\$ 4,534.60	\$ 4,692.10	\$ 4,692.10		
68			Wall Mounted Air Handler (Ship Loose) (MSZGL12NAU1)	EA	1	0%	1	3.300	\$ 35.00	\$ 115.50	\$ 821.90	\$ 937.40	\$ 937.40		
69			Wall Mounted Air Handler (Ship Loose) (MSZGL12NAU1)	EA	1	0%	1	3.300	\$ 35.00	\$ 115.50	\$ 821.90	\$ 937.40	\$ 937.40		
ALLOWANCES															
70			Line Set Penetration To Be Weather Proofed On Site By Other, After Line Set is Installed By Qualified HVAC Technician	LS	1	0%	1					\$ -	\$ -		
												SUBTOTAL	\$ 11,259		
ELECTRICAL															
DISTRIBUTION															
CIRCUIT BREAKER															
71	A2.17	Electrical Plan	Circuit Breaker, 20A, 1 Pole	EA	13	0%	13	0.420	\$ 35.00	\$ 14.70	\$ 33.00	\$ 47.70	\$ 620.10		
72			Circuit Breaker, 20A, 2 Pole	EA	1	0%	1	0.450	\$ 35.00	\$ 15.75	\$ 43.18	\$ 58.93	\$ 58.93		
73			Circuit Breaker, 25A, 2 Pole	EA	3	0%	3	0.450	\$ 35.00	\$ 15.75	\$ 46.00	\$ 61.75	\$ 185.25		
74			Circuit Breaker, 50A, 2 Pole	EA	1	0%	1	0.520	\$ 35.00	\$ 18.20	\$ 72.00	\$ 90.20	\$ 90.20		
75			Circuit Breaker, 30A, 3 Pole	EA	1	0%	1	0.550	\$ 35.00	\$ 19.25	\$ 85.00	\$ 104.25	\$ 104.25		
PANEL															
76			Panel, 125A, 208V/120V @Site NEW PANEL TO BE INSTALLED USED AS SUB FEEDER	EA	1	0%	1	3.500	\$ 35.00	\$ 122.50	\$ 2,400.00	\$ 2,522.50	\$ 2,522.50		
POWER															
EQUIPMENTS (CONNECTION ONLY)															
77			Exhaust Fan, FHP, 120V1P2W, Wire Connection	EA	1	0%	1	2.000	\$ 35.00	\$ 70.00	\$ 288.00	\$ 358.00	\$ 358.00		
78			HVAC Unit, 6.9KVA, 208V2P2W	EA	1	0%	1	4.500	\$ 35.00	\$ 157.50	\$ 4,500.00	\$ 4,657.50	\$ 4,657.50		
79			Plumbing Chase Heater, 0.5KVA, 120V1P2W	EA	1	0%	1	3.000	\$ 35.00	\$ 105.00	\$ 835.57	\$ 940.57	\$ 940.57		
80			Wall Mounted Heater, 3.47KVA, 208VP2W	EA	2	0%	2	2.500	\$ 35.00	\$ 87.50	\$ 813.00	\$ 900.50	\$ 1,801.00		
81			Water Heater, 3.5KVA, 208V2P2W	EA	2	0%	2	3.850	\$ 35.00	\$ 134.75	\$ 850.00	\$ 984.75	\$ 1,969.50		
ENCLOSURE & COVERS															
82			12"x12"x8" NEMA 3R Rated Enclosure	EA	6	0%	6	2.000	\$ 35.00	\$ 70.00	\$ 402.50	\$ 472.50	\$ 2,835.00		
83			4"x4"x48" Steel Wire Way W/ Screw Cover & Knockouts	EA	1	0%	1	1.500	\$ 35.00	\$ 52.50	\$ 106.11	\$ 158.61	\$ 158.61		
												SUBTOTAL	\$ 16,301		
COMMUNICATIONS															
TELECOMUNICATION															
84	TL.11	CCTV SITE PLAN	Above Ground NEMA 3R Rated 42" x 36" x 12" Main Enclosure	EA	6	0%	6	2.500	\$ 35.00	\$ 87.50	\$ 3,169.51	\$ 3,257.01	\$ 19,542		
85			Above Ground NEMA 3R Rated 36" x 32" x 12" Main Enclosure	EA	5	0%	5	3.000	\$ 35.00	\$ 105.00	\$ 2,564.21	\$ 2,669.21	\$ 13,346		
ALLOWANCE															
86			Allowance for Wiring & Conduits (7178 SF)	LS	1	0%	1	0.000	\$ 35.00	\$ 6,890.88	\$ 10,336.32	\$ 17,227.20	\$ 17,227		
												SUBTOTAL	\$ 50,115		
ELECTRONIC SAFETY & SECURITY															
CCTV															
87	E2.1	Electrical Plan	1300- Wall Mounted Dome Camera @Exterior Cardinal Direction: W Components: VDA-WMT-DOME Manufacturer: BOSCH Model: NIN-63023-A3-A	EA	1	0%	1	2.500	\$ 35.00	\$ 87.50	\$ 1,149.00	\$ 1,236.50	\$ 1,237		
88			1301- Corner Mounted Dome Camera @Exterior Cardinal Direction: W Components: VDA-WMT-DOME Manufacturer: BOSCH Model: NIN-63023-A3-A	EA	1	0%	1	2.500	\$ 35.00	\$ 87.50	\$ 1,149.00	\$ 1,236.50	\$ 1,237		
SENSORS															
89					Interconnected Hardwired Smoke Detector	EA	2	0%	2	0.950	\$ 35.00	\$ 33.25	\$ 110.00	\$ 143.25	\$ 287
90					Occupancy Sensor	EA	2	0%	2	0.950	\$ 35.00	\$ 33.25	\$ 105.21	\$ 138.46	\$ 277
ALLOWANCES															
91			Allowance for Wiring & Conduits (7178 SF)	LS	1	0%	1			\$ 4,881.04	\$ 7,321.56	\$ 12,202.60	\$ 12,203		
												SUBTOTAL	\$ 15,239		
EARTHWORK															
EXCAVATION FOR CONCRETE SLAB & FOUNDATION															
92	S2.1	Plan Notes	Excavation	CY	46	10%	50	1.100	\$ 35.00	\$ 38.50		\$ 38.50	\$ 1,929		
93			Backfill	CY	18	10%	20	0.785	\$ 35.00	\$ 27.48		\$ 27.48	\$ 542		
												SUBTOTAL	\$ 2,471		
SITE IMPROVEMENTS															
PAVEMENT															
94			4" Concrete Pavement	SF	16230	10%	17853	0.060	\$ 35.00	\$ 2.10	\$ 5.12	\$ 7.22	\$ 128,895		
CURB & GUTTER															
95			6" Curb and Gutter	LF	145	10%	160	0.085	\$ 35.00	\$ 2.98	\$ 15.48	\$ 18.46	\$ 2,944		
96			Concrete Curb Paint Curb (1) Coat " Traffic Yellow "	LF	406	10%	447	0.078	\$ 35.00	\$ 2.73	\$ 13.56	\$ 16.29	\$ 7,275		
SITE MARKING															
97			4" Non- Parking Stripe - Yellow Water Based Paint w/ Reflective Glass Beads	LF	1253	10%	1378	0.018	\$ 35.00	\$ 0.63	\$ 0.98	\$ 1.61	\$ 2,219		
98			24" W Painted Crosswalk Pavement Striping - Paint to be (2) Coats "Traffic Yellow"	LF	255	10%	281	0.018	\$ 35.00	\$ 0.63	\$ 0.98	\$ 1.61	\$ 452		
99			Existing Crosswalk Striping to be Repainted (644 SF)	LS	1	0%	1		\$ 540.96	\$ 811.44	\$ 1,352.40	\$ 1,352			
100			4" W White Water Based or Acrylic Paint Stripe	LF	157	10%	173	0.018	\$ 35.00	\$ 0.63	\$ 0.98	\$ 1.61	\$ 278		
101			Existing Crosswalk Striping to be Repainted (644 SF)	LS	1	0%	1		\$ 540.96	\$ 811.44	\$ 1,352.40	\$ 1,352			
RAMP															
102			6'-0" x 4'-0" Curb Ramp w/ Detectable Warning Surface	EA	3	0%	3	1.500	\$ 35.00	\$ 52.50	\$ 568.00	\$ 620.50	\$ 1,862		
FENCES & GATES															

\$ 157.50	\$ 4,534.60
\$ 115.50	\$ 821.90
\$ 115.50	\$ 821.90
\$ -	\$ -
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\$ 191.10	\$ 429.00
\$ 15.75	\$ 43.18
\$ 47.25	\$ 138.00
\$ 18.20	\$ 72.00
\$ 19.25	\$ 85.00
\$ -	\$ -
\$ 122.50	\$ 2,400.00
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\$ -	\$ -
\$ 70.00	\$ 288.00
\$ 157.50	\$ 4,500.00
\$ 105.00	\$ 835.57
\$ 175.00	\$ 1,626.00
\$ 269.50	\$ 1,700.00
\$ -	\$ -
\$ 420.00	\$ 2,415.00
\$ 52.50	\$ 106.11
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\$ 525.00	\$ 19,017.06
\$ 525.00	\$ 12,821.05
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\$ 6,890.88	\$ 10,336.32
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\$ 87.50	\$ 1,149.00
\$ 87.50	\$ 1,149.00
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\$ 66.50	\$ 220.00
\$ 66.50	\$ 210.42
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\$ 4,881.04	\$ 7,321.56
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\$ 1,929.28	\$ -
\$ 541.98	\$ -
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\$ 37,490.35	\$ 91,405.05
\$ -	\$ -
\$ 474.51	\$ 2,469.06
\$ 1,219.22	\$ 6,055.90
\$ -	\$ -
\$ 868.33	\$ 1,350.73
\$ 176.72	\$ 274.90
\$ 540.96	\$ 811.44
\$ 108.80	\$ 169.25
\$ 540.96	\$ 811.44
\$ -	\$ -
\$ 157.50	\$ 1,704.00
\$ -	\$ -

103		14' W Barrier Gate - Provided by Amazon - GC to Provide (2) Category 6 Ethernet Cables	EA	2	0%	2	8.900	\$ 35.00	\$ 311.50	\$ 5,300.00	\$ 5,611.50	\$ 11,223
104		15' W Manually Operated Exit Gate	EA	2	0%	2	10.000	\$ 35.00	\$ 350.00	\$ 5,409.00	\$ 5,759.00	\$ 11,518
105		22' W Manually Operated Exit Gate	EA	1	0%	1	16.580	\$ 35.00	\$ 580.30	\$ 6,890.00	\$ 7,470.30	\$ 7,470
106		6'-0" H Black Iron Fence	LF	114	10%	125	0.150	\$ 35.00	\$ 5.25	\$ 35.00	\$ 40.25	\$ 5,047
107		3'-0" H Permanent Pedestrian Barrier	LF	105	10%	116	0.200	\$ 35.00	\$ 7.00	\$ 25.60	\$ 32.60	\$ 3,765
BOLLARD												
108		8" Dia. Concrete Filled Steel Bollard w/ "Safety Yellow" Plastic Sleeve Cover	EA	18	0%	18	2.500	\$ 35.00	\$ 630.00	\$ 650.00	\$ 737.50	\$ 13,275
LIGHT POLE												
109		Concrete Base 2'-6" Dia. x 7'-0" H @ Existing Lighting Pole	CY	1	10%	1	2.780	\$ 35.00	\$ 97.30	\$ 195.00	\$ 292.30	\$ 408
CONCRETE PAD												
110		4" Concrete Pad	SF	4018	10%	4420	0.060	\$ 35.00	\$ 2.10	\$ 5.20	\$ 7.30	\$ 32,265
SIGNAGE												
111		2'-6" x 2'-0" Stop Signage w/ 2" x 2" x 1/8" Aluminum Tube Post 84" H	EA	2	0%	2	3.000	\$ 35.00	\$ 105.00	\$ 456.80	\$ 561.80	\$ 1,124
112		8" Dia. x 2'-6" H Concrete Base	CY	0.1	10%	0	2.780	\$ 35.00	\$ 97.30	\$ 195.00	\$ 292.30	\$ 19
113		48" x 14'-0" Stop Signage	EA	2	0%	2	6.500	\$ 35.00	\$ 227.50	\$ 1,090.60	\$ 1,318.10	\$ 2,636
114		"Audio & Video Monitoring" Sign	EA	2	0%	2	0.680	\$ 35.00	\$ 23.80	\$ 350.00	\$ 373.80	\$ 748
115		"Pup" Sign to be Installed on ALPR Tripod - GC to Provide and Installed Signage	EA	2	0%	2	0.650	\$ 35.00	\$ 22.75	\$ 280.00	\$ 302.75	\$ 606
ENCLOSURE												
116		3R Rated Enclosure Manufacturer: NEMA	EA	8	0%	8	3.500	\$ 35.00	\$ 122.50	\$ 2,350.00	\$ 2,472.50	\$ 19,780
MISCELLANEOUS												
117		Knox Box	EA	1	0%	1	2.850	\$ 35.00	\$ 99.75	\$ 1,003.00	\$ 1,102.75	\$ 1,103
SUBTOTAL												\$ 257,616
PROJECTED COST											\$416,636	
OVERHEAD AND PROFIT											15%	\$62,495
INSURANCE											3%	\$12,499
CONTINGENCY											5%	\$20,832
TAX											7%	\$20,895
SUGGESTED BID											\$533,357	

\$ 623.00	\$ 10,600.00
\$ 700.00	\$ 10,818.00
\$ 580.30	\$ 6,890.00
\$ 658.35	\$ 4,389.00
\$ 808.50	\$ 2,956.80
\$ -	\$ -
\$ 1,575.00	\$ 11,700.00
\$ -	\$ -
\$ 135.97	\$ 272.49
\$ -	\$ -
\$ 9,281.58	\$ 22,982.96
\$ -	\$ -
\$ 210.00	\$ 913.60
\$ 6.44	\$ 12.91
\$ 455.00	\$ 2,181.20
\$ 47.60	\$ 700.00
\$ 45.50	\$ 560.00
\$ -	\$ -
\$ 980.00	\$ 18,800.00
\$ -	\$ -
\$ 99.75	\$ 1,003.00
\$ -	\$ -
\$ 86,335.24	\$ 288,201.17

DETAILED BREAKDOWN OF ITEMS

Prepared for: GUARDHOUSE TENANT IMPROVEMENTS SORTIATION CENTER FACILITY, AMZ ONT5, 2020 E CENTRAL AVE SAN BERNARDINO, CA 92408.
 Project ID: 7122024
 Scope: MEP



Date: 6-Sep-24

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/WASTAGE
GENERAL REQUIREMENTS					
1	Permits	LS	1	0%	1
2	Supervision and Coordination	LS	1	0%	1
3	Submittals and Shop drawings	LS	1	0%	1
4	Final Cleaning	LS	1	0%	1
5	Mobilization Costs	LS	1	0%	1
6	Temporary Control & Facilities	LS	1	0%	1
7	Scaffolding	LS	1	0%	1
8	Coring And Drilling	LS	1	0%	1
9	Cutting, Patching And Repairing	LS	1	0%	1
EXISTING CONDITIONS					
DEMOLITION					
10	Remove Existing Electric & Plumbing Work In This Area 1. Plumbing Demolition is Done in Only 69 SOT Area Which Is Included	SQ	255	0%	255
PLUMBING					
COLD WATER PIPE (BELOW GRADE)					
Type "K" Copper Pipe W/ Fittings					
11	1-1/2" Dia Cold Water Pipe	EA	1	10%	1
1/2" Thick Closed Cell Foam Insulation W/ 10 Mil Plastic Sleeve Protector					
12	1-1/2" Dia Cold Water Pipe	EA	1	10%	1
COLD WATER PIPE FITTINGS					
ELBOW					
13	1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1
WASTE PIPE (BELOW GRADE)					
Non Hub Cast Iron Pipe W/ Fittings					
14	2" Dia Waste Pipe	EA	1	10%	1
14	3" Dia Waste Pipe	EA	1	10%	1
14	4" Dia Waste Pipe	EA	1	10%	1
WASTE PIPE FITTINGS					
ELBOW					
15	2" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1
15	3" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2
15	4" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2
16	2" Dia Waste Pipe 45 Deg Elbow	EA	1	0%	1
WYE					
17	4" / 2" Dia Waste Pipe Wye	EA	1	0%	1
REDUCER					
18	4" / 3" Dia Waste Pipe Reducer	EA	1	0%	1
STORM DRAIN PIPE (BELOW GRADE)					
Non Hub Cast Iron Pipe W/ Fittings					
19	4" Dia Storm Drain Pipe	EA	1	10%	1
STORM DRAIN PIPE FITTINGS					
ELBOW					
20	4" Dia Storm Drain Pipe 90 Deg Elbow	EA	5	0%	5
PLUMBING FIXTURES					
21	WC-1, Water Closet GPF Top Spud Flush Valve, Water Closet W/ ADA Approved Elongated Floor Mounted Rear Outlet W/ Elongated Open Front Seat & NO LID. Provide 3" Dia Trap Note: Plumbing Fixtures Are Included With Prefabricated Building, Shipped Loose For Contractor Installation, Fixture Included Here For Reference.	EA	1	0%	1
22	L-1, Lavatory; Mounting Height & Fixture Controls to be ADA Compliant. Provide 1-1/2" Dia Trap Note: Plumbing Fixtures Are Included With Prefabricated Building, Shipped Loose For Contractor Installation, Fixture Included Here For Reference.	EA	1	0%	1
WATER HEATER					
23	WH-1, Instantaneous Electric Water Heater Manufacturer: Chromomite Model: M-20L Flow 0.5 GPM Note: Water Heater to be provided by Prefabricated Building Manufacturer, Water Heater Manufacturer May vary, Shipped Loose for Installation by Plumbing Contractor.	EA	1	0%	1
MISCELLANEOUS					
STORM DRAIN PIPE ACCESSORIES					
24	4" Dia Downspout Boot (Size Assumed)	EA	6	0%	6
HUB-LESS CAST IRON PIPE COUPLING					
25	2" Dia Stainless Steel Shielded Couple	EA	8	0%	8
26	3" Dia Stainless Steel Shielded Couple	EA	12	0%	12
27	4" Dia Stainless Steel Shielded Couple	EA	8	0%	8
CAST IRON PIPE TIE-IN					
28	4" Dia Pipe Tie-In	EA	1	0%	1

PIPE TRANSITION					
28	2" Dia Pipe Transition Cast Iron To PVC	EA	1	0%	1
29	3" Dia Pipe Transition Cast Iron To PVC	EA	1	0%	1
29	4" Dia Pipe Transition Cast Iron To PVC	EA	1	0%	1
TRENCHING & BACKFILLING					
30	Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CTF	96	0%	96
HVAC					
HVA UNITS					
31	HVAC Unit W/ Mounting Pad On Roof, (Ship Loose) (MXZ5C4NAHZ)	EA	1	0%	1
#REF!	Split System Unit (Shipped Loose)	EA	1	0%	1
32	Wall Mounted Air Handler (Ship Loose) (MSZGL12NAU1)	EA	1	0%	1
#REF!	Wall Mounted Air Handler (Ship Loose) (MSZGL12NAU1)	EA	1	0%	1
ALLOWANCES					
#REF!	Line Set Penetration To Be Weather Proofed On Site By Other, After Line Set is Installed By Qualified HVAC Technician	LS	1	0%	1
ELECTRICAL					
DISTRIBUTION					
CIRCUIT BREAKER					
#REF!	Circuit Breaker, 20A, 1 Pole	EA	13	0%	13
#REF!	Circuit Breaker, 20A, 2 Pole	EA	1	0%	1
#REF!	Circuit Breaker, 25A, 2 Pole	EA	3	0%	3
#REF!	Circuit Breaker, 50A, 2 Pole	EA	1	0%	1
#REF!	Circuit Breaker, 30A, 3 Pole	EA	1	0%	1
PANEL					
#REF!	Panel, 125A, 208Y/120V @Site NEW PANEL TO BE INSTALLED USED AS SUB FEEDER	EA	1	0%	1
POWER					
EQUIPMENTS (CONNECTION ONLY)					
#REF!	Exhaust Fan, FHP, 120V/1P2W, Wire Connection	EA	1	0%	1
#REF!	HVAC Unit, 6.9KVA, 208V/2P2W	EA	1	0%	1
#REF!	Plumbing Chase Heater, 0.5KVA, 120V/1P2W	EA	1	0%	1
#REF!	Wall Mounted Heater, 3.47KVA, 208V/2P2W	EA	2	0%	2
#REF!	Water Heater, 3.5KVA, 208V/2P2W	EA	2	0%	2
MISCELLANEOUS					
ENCLOSURE & COVERS					
#REF!	12"x12"x8" NEMA 3R Rated Enclosure	EA	6	0%	6
#REF!	4"x4"x48" Steel Wire Way W/ Screw Cover & Knockouts	EA	1	0%	1
COMMUNICATIONS					
TELECOMUNICATION					
#REF!	Above Ground NEMA 3R Rated 42" x 36" x 12" Main Enclosure	EA	6	0%	6
#REF!	Above Ground NEMA 3R Rated 36" x 32" x 12" Main Enclosure	EA	5	0%	5
ELECTRONIC SAFETY & SECURITY					
CCTV					
#REF!	1300- Wall Mounted Dome Camera @Exterior Cardinal Direction: W Components: VDA-WMT-DOME Manufacturer: BOSCH Model: NIN-63023-A3-A	EA	1	0%	1
#REF!	1301- Corner Mounted Dome Camera @Exterior Cardinal Direction: W Components: VDA-WMT-DOME Manufacturer: BOSCH Model: NIN-63023-A3-A	EA	1	0%	1
SENSORS					
#REF!	Interconnected Hardwired Smoke Detector	EA	2	0%	2
#REF!	Occupancy Sensor	EA	2	0%	2