

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045					PROJECT ID: REPAIR BEQ AS4211 - MARINE CORPS AIR STATION NEW RIVER				
					SCOPE: ALL TRADES				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
GENERAL REQUIREMENTS									
1		Supervision	1.0	LS	\$ -	\$ -	\$0	\$0	
2		Permits	1.0	LS	\$ -	\$ -	\$0	\$0	
3		Final Clean-up	1.0	LS	\$ -	\$ -	\$0	\$0	
4		Mobilization Costs	1.0	LS	\$ -	\$ -	\$0	\$0	
5		Project Overheads	1.0	LS	\$ -	\$ -	\$0	\$0	
6		Bonds	1.0	LS	\$ -	\$ -	\$0	\$0	
7		Temporary Control & Facilities	1.0	LS	\$ -	\$ -	\$0	\$0	
8		Scaffolding	1.0	LS	\$ -	\$ -	\$0	\$0	
Subtotal (General Requirements)									\$0
DIVISION 02 - EXISTING CONDITION, DEMOLITION									
DEMOLITION									
FIRST FLOOR									
9	AD101	Remove Existing Flooring	9114	SF	\$ -	\$ -	\$0	\$0	
10	AD101	Remove Existing Wall base	4570	LF	\$ -	\$ -	\$0	\$0	
11	AD101	Remove Existing Tile Flooring	4344	SF	\$ -	\$ -	\$0	\$0	
12	AD101	Remove Dryer Machine	6	EA	\$ -	\$ -	\$0	\$0	
13	AD101	Remove Single Leaf Doors	161	EA	\$ -	\$ -	\$0	\$0	
14	AD101	Remove External Windows	40	EA	\$ -	\$ -	\$0	\$0	
15	AD101	Remove Bath Accessories	18	EA	\$ -	\$ -	\$0	\$0	
16	AD101	Remove Double Leaf Doors	5	EA	\$ -	\$ -	\$0	\$0	
17	AD101	Remove Existing Bike Rack	1	EA	\$ -	\$ -	\$0	\$0	
18	AD101	Remove Washing Machine	4	EA	\$ -	\$ -	\$0	\$0	
19	AD101	Elevator Removal and Preparation	1	EA	\$ -	\$ -	\$0	\$0	
20	AD101	Remove Refrigerator/Microwave Unit	32	EA	\$ -	\$ -	\$0	\$0	
21	AD101	Remove Existing 36" x 48" Wall Mounted Display Case	2	EA	\$ -	\$ -	\$0	\$0	
22	AD101	Remove Existing Through-wall Louver & Prepare Opening For New	2	EA	\$ -	\$ -	\$0	\$0	
23	AD101	Remove Vanity Cabinets	87	LF	\$ -	\$ -	\$0	\$0	
24	AD101	Remove Shelves/Cabinets	363	LF	\$ -	\$ -	\$0	\$0	
25	AD101	Remove All Shower Areas	268	LF	\$ -	\$ -	\$0	\$0	
26	AD101	Remove Existing Floor To Ceiling CMU Wall. Patch & Repair Existing Wall, Floor, & Ceili	83	LF	\$ -	\$ -	\$0	\$0	
27	AD101	Remove Existing Floor Slab	1392	SF	\$ -	\$ -	\$0	\$0	
SECOND FLOOR									
28	AD101	Remove Existing Flooring	10062	SF	\$ -	\$ -	\$0	\$0	
29	AD101	Remove Existing Wall base	5027	LF	\$ -	\$ -	\$0	\$0	
30	AD101	Remove Dryer Machine	6	EA	\$ -	\$ -	\$0	\$0	
31	AD101	Remove Bath Accessories	18	EA	\$ -	\$ -	\$0	\$0	
32	AD101	Remove Washing Machine	4	EA	\$ -	\$ -	\$0	\$0	
33	AD101	Remove Single Leaf Doors	174	EA	\$ -	\$ -	\$0	\$0	
34	AD101	Remove Existing Bike Rack	1	EA	\$ -	\$ -	\$0	\$0	
35	AD101	Remove Double Leaf Doors	5	EA	\$ -	\$ -	\$0	\$0	
36	AD101	Remove External Windows	40	EA	\$ -	\$ -	\$0	\$0	
37	AD101	Remove Refrigerator/Microwave Unit	32	EA	\$ -	\$ -	\$0	\$0	
38	AD101	Remove Existing Through-wall Louver & Prepare Opening For New	2	EA	\$ -	\$ -	\$0	\$0	
39	AD101	Remove Shelves/Cabinets	405	LF	\$ -	\$ -	\$0	\$0	
40	AD101	Remove Vanity Cabinets	98	LF	\$ -	\$ -	\$0	\$0	
41	AD101	Remove All Shower Areas	300	LF	\$ -	\$ -	\$0	\$0	
42	AD101	Remove Existing Floor To Ceiling CMU Wall. Patch & Repair Existing Wall, Floor, & Ceili	84	LF	\$ -	\$ -	\$0	\$0	
THIRD FLOOR									
43	AD102	Remove Existing Flooring	10062	SF	\$ -	\$ -	\$0	\$0	
44	AD102	Remove Existing Wall base	5006	LF	\$ -	\$ -	\$0	\$0	
45	AD102	Remove Dryer Machine	6	EA	\$ -	\$ -	\$0	\$0	
46	AD102	Remove Bath Accessories	18	EA	\$ -	\$ -	\$0	\$0	
47	AD102	Remove Washing Machine	4	EA	\$ -	\$ -	\$0	\$0	
48	AD102	Remove Single Leaf Doors	173	EA	\$ -	\$ -	\$0	\$0	
49	AD102	Remove Existing Bike Rack	1	EA	\$ -	\$ -	\$0	\$0	
50	AD102	Remove Double Leaf Doors	5	EA	\$ -	\$ -	\$0	\$0	
51	AD102	Remove External Windows	40	EA	\$ -	\$ -	\$0	\$0	
52	AD102	Remove Refrigerator/Microwave Unit	32	EA	\$ -	\$ -	\$0	\$0	
53	AD102	Remove Existing Through-wall Louver & Prepare Opening For New	2	EA	\$ -	\$ -	\$0	\$0	
54	AD102	Remove Shelves/Cabinets	405	LF	\$ -	\$ -	\$0	\$0	
55	AD102	Remove Vanity Cabinets	98	LF	\$ -	\$ -	\$0	\$0	
56	AD102	Remove All Shower Areas	300	LF	\$ -	\$ -	\$0	\$0	
57	AD102	Remove Existing Floor To Ceiling CMU Wall. Patch & Repair Existing Wall, Floor, & Ceili	83	LF	\$ -	\$ -	\$0	\$0	
ROOFING									
58	A102	Remove Existing Standing Seam Metal Roofing System	25765	SF	\$ -	\$ -	\$0	\$0	
59	A102	Remove Existing Metal Sheet Fascia	647	LF	\$ -	\$ -	\$0	\$0	
60	A102	Remove Existing Metal Sheet Flashing	368	LF	\$ -	\$ -	\$0	\$0	
61	A102	Remove Existing Metal Sheet Downspout	20	EA	\$ -	\$ -	\$0	\$0	
62	A102	Remove Existing Standing Seam Metal Roof Hip	429	LF	\$ -	\$ -	\$0	\$0	
63	A102	Remove Existing Standing Seam Metal Roof Ridge	362	LF	\$ -	\$ -	\$0	\$0	
64	A102	Remove Existing Standing Seam Metal Roof Valley	451	LF	\$ -	\$ -	\$0	\$0	
65	A102	Remove Existing Metal Sheet Counter Flashing & Trim	368	LF	\$ -	\$ -	\$0	\$0	
66	A102	Remove Existing Cont. Prefinished Metal Drip Edge Trim	647	LF	\$ -	\$ -	\$0	\$0	
67	A102	Remove Existing Metal Sheet Coping w/ Peel & Stick Underlayment	368	LF	\$ -	\$ -	\$0	\$0	
68	A102	Remove Existing 3/4" CDX Plywood Over Cont. Treated Wood Blocking	368	LF	\$ -	\$ -	\$0	\$0	
69	A102	Remove Existing Roof Access Hatch w/ Metal Roof Access Hatch Ladder	1	EA	\$ -	\$ -	\$0	\$0	

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SCOPE:

ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
70	A102	Remove Existing Gutter w/ Expanded Metal Mesh Leaf Guard & 4" Downspout Leader	647	LF	\$ -	\$ -	\$0	\$0	
		CEILING							
		FIRST FLOOR							
71	A103	Remove Gypsum Board Soffit	36	LF	\$ -	\$ -	\$0	\$0	
72	A103	Remove Existing Gypsum board Ceiling	6311	SF	\$ -	\$ -	\$0	\$0	
73	A103	Remove Ceiling Texture @ All Existing Exposed Concrete Plank Ceiling. Clean, Patch, &	6394	SF	\$ -	\$ -	\$0	\$0	
		SECOND FLOOR							
74	A103	Remove Gypsum Board Soffit	8	LF	\$ -	\$ -	\$0	\$0	
75	A103	Remove Existing Gypsum board Ceiling	5312	SF	\$ -	\$ -	\$0	\$0	
76	A103	Remove Ceiling Texture @ All Existing Exposed Concrete Plank Ceiling. Clean, Patch, &	7117	SF	\$ -	\$ -	\$0	\$0	
		THIRD FLOOR							
77	A104	Remove Existing Gypsum board Ceiling	5263	SF	\$ -	\$ -	\$0	\$0	
78	A104	Remove Ceiling Texture @ All Existing Exposed Concrete Plank Ceiling. Clean, Patch, &	6680	SF	\$ -	\$ -	\$0	\$0	
		ATTICK DECK							
79	A105	Remove Existing 5/4" x 6" Catwalk Decking	1085	SF	\$ -	\$ -	\$0	\$0	
80	A105	Remove Existing R-30 Attic Batt Insulation & Polyethere Vapor Retarder	17727	SF	\$ -	\$ -	\$0	\$0	
		PLUMBING DEMOLITION							
81	PD101	Remove Sanitary Drainage System Inc. (Piping, Fittings & Fixtures) In This Area	53034	SF	\$ -	\$ -	\$0	\$0	
82		Remove Domestic System Inc. (Piping, Fittings & Fixtures) In This Area	53034	SF	\$ -	\$ -	\$0	\$0	
			MECHANICAL DEMOLITION						
83	MD101 TO MD112	Remove Existing Exhaust/ Ventilation / Dryer Duct Work Including Fittings & w/ Grilles	3395	LF	\$ -	\$ -	\$0	\$0	
84	MD101 TO MD112	Remove Existing Water Source Heat Pump Inc. (Fittings & Controls) 192x - Ceiling Grilles	32	EA	\$ -	\$ -	\$0	\$0	
85	MD101 TO MD112	Ceiling Grilles	192	EA	\$ -	\$ -	\$0	\$0	
86	MD101 TO MD112	Remove Existing Piping Along Fittings	1233	LF	\$ -	\$ -	\$0	\$0	
87	MD101 TO MD112	Remove Existing HVAC Control Cabinet Along All Wiring & Controls	5	EA	\$ -	\$ -	\$0	\$0	
88	MD101 TO MD112	Remove Existing Air Separator	4	EA	\$ -	\$ -	\$0	\$0	
89	MD101 TO MD112	Remove Existing Heat Exchanger Inc. Piping & Controls	1	EA	\$ -	\$ -	\$0	\$0	
90	MD101 TO MD112	Remove Existing Glycol Fluid Cooler Loop Pump And All Associated Piping, Valves And Controls	1	EA	\$ -	\$ -	\$0	\$0	
91	MD101 TO MD112	Remove Existing Chilled Water Loop Pump And All Associated Piping, Valves And Controls	2	EA	\$ -	\$ -	\$0	\$0	
92	MD101 TO MD112	Remove Existing Expansion Tank.	2	EA	\$ -	\$ -	\$0	\$0	
93	MD101 TO MD112	Remove Existing Geothermal Loop Pumps And All Associated Piping, Valves And Controls	1	EA	\$ -	\$ -	\$0	\$0	
94	MD101 TO MD112	Remove Existing Wall Mounted Exhaust Fan Duct And All Associated Wiring And Control	3	EA	\$ -	\$ -	\$0	\$0	
95	MD101 TO MD112	Remove Existing Mechanical Controls	2	EA	\$ -	\$ -	\$0	\$0	
96	MD101 TO MD112	Remove Existing Exterior Wall Mounted Louver,Ductwork And Damper And All Associated Controls And Wiring. Patch Wall To Match Existing	6	EA	\$ -	\$ -	\$0	\$0	
97	MD101 TO MD112	Remove Existing Hot Water Unit Heater. Remove Al lAssociated Piping, Valves And Controls	3	EA	\$ -	\$ -	\$0	\$0	
98	MD101 TO MD112	Remove Existing Hot Water Pumps. Remove All Associated Piping, Valves And Controls	6	EA	\$ -	\$ -	\$0	\$0	
99	MD101 TO MD112	Remove Existing Wall Mounted Unit Heater. Remove All Associated Piping, Valves And Controls.	3	EA	\$ -	\$ -	\$0	\$0	
100	MD101 TO MD112	Remove Existing Exterior Grade Mounted Fluid Cooler And Associated Concrete Pad. Remove All Associated Piping, Valves And Controls. Turn Fluid Cooler Over To Owner	1	EA	\$ -	\$ -	\$0	\$0	
101	MD101 TO MD112	Remove Existing Makeup Air Unit And All Associated	2	EA	\$ -	\$ -	\$0	\$0	
102	MD101 TO MD112	Remove Existing Dehumidifier	3	EA	\$ -	\$ -	\$0	\$0	
		ELECTRICAL DEMOLITION							
103	ED101-ED106	Ceiling Fan (To Be Removed)	104	EA	\$ -	\$ -	\$0	\$0	
104	ED101-ED106	Data Outlet (To Be Removed)	216	EA	\$ -	\$ -	\$0	\$0	
105	ED101-ED106	Duplex Receptacle (To Be Removed)	1070	EA	\$ -	\$ -	\$0	\$0	
106	ED101-ED106	Existing Light Fixtures (To Be Removed)	840	EA	\$ -	\$ -	\$0	\$0	
107	ED101-ED106	Existing Switch (To Be Removed)	690	EA	\$ -	\$ -	\$0	\$0	
108	ED101-ED106	Existing Equipment (To Be Disconnect)	4	EA					
109	ED101-ED106	Existing Wiring & Conduits (To Be Removed)	88364.27	SF	\$ -	\$ -	\$0	\$0	
		Subtotal (Existing Condition, Demolition)							\$

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SCOPE:

ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
		<u>MECHANICAL BUILDING</u>							
		<u>PAD FOOTING</u>							
110	S103	(3'-0" x 3'-0" x 1'-0") Pad Footing 'F3' Reinforced w/ (12 EA) - (4) #5 Each Way, Top & Bottom	4.0	CY	\$ -	\$ -	\$0	\$0	
		<u>EDGE THICKENING</u>							
111	S103	(1'-6" x 1'-4") Slab Edge Thickening Reinforced w/ (230 LF) - (2) #4 Cont. Long T & B - #4 Trans. At 2'-0" O.C.	17.0	CY	\$ -	\$ -	\$0	\$0	
		<u>WALL FOOTING</u>							
112	S103	(2'-6" x 1'-0") Wall Footing Reinforced w/ (106 LF) - (3) #4 Cont. Long T & B - #5 Trans. At 2'-0" O.C.	9.8	CY	\$ -	\$ -	\$0	\$0	
		<u>SLAB ON GRADE</u>							
113	S103	(6" Thick) Reinforced Concrete Slab On Grade (1366 SF)	25.3	CY	\$ -	\$ -	\$0	\$0	
		<u>MAIN BUILDING</u>							
		<u>SUMP PIT</u>							
114	A311	(4" Thick) Reinforced Concrete Sump Pit Wall (10 LF & 2'-0" H)	0.2	CY	\$ -	\$ -	\$0	\$0	
115	A311	(4" Thick) Reinforced Concrete Sump Pit Slab On Grade (8 SF)	0.1	CY	\$ -	\$ -	\$0	\$0	
116	A311	#4 x 6" Epoxy Coated Rebar Dowels. Minimum 4" Embedment In Existing Slab	12.0	LF	\$ -	\$ -	\$0	\$0	
		<u>SLAB</u>							
117	A101	(4" Thick) Infill Concrete Slab On Grade	1448.0	SF	\$ -	\$ -	\$0	\$0	
		<u>PATCH & REPAIR</u>							
		<u>CONCRETE PATCHING & REPAIR</u>							
118	A101	Provide concrete patching to damaged and/or spalled areas of: Existing precast concrete Concrete balcony planks Existing reinforced outriggers The upper edges of the outriggers (where planks bear on them) The chamfered edges Contractor to anticipate providing repairs at approximately 50% of the concrete outriggers (approximately 100 repairs in total).	1.0	LS	\$ -	\$ -	\$0	\$0	
		<u>BALCONY PLANKS LIFT POINT REPAIRS</u>							
119	A101	Inspect all existing balcony plank lift points. Remove any damaged filler material. Replace filler to be flush with the existing plank surface. Perform this repair prior to the application of traffic coating. Contractor to anticipate providing repairs at approximately 80% of existing planks. Each plank typically has four (4) lift points requiring repair.	1.0	LS	\$ -	\$ -	\$0	\$0	
		<u>STAIR</u>							
120		Cracking & Spalling At Stair Rail Post Connections. Replace All Stair Guardrails And Attach To Undamaged Risers	1	LS	\$ -	\$ -	\$0	\$0	
		Subtotal (Concrete)							

DIVISION 04 - MASONRY

MECHANICAL BUILDING

		BRICK PIER								
121	S103	(1'-4" x 1'-4") Fully Grouted Brick Pier Reinforced w/ (12 EA & 8'-4" H) - #4 Dowels - (4) #4 Vert Grout Fill Void w/ 3000 PSI Pea Gravel Grout	12	EA	\$	-	\$	-	\$0	\$0
		PIER CAP								
122	S103	(1'-6" x 1'-6" x 5" Thick) Precast Concrete Pilaster Cap Set in Mortar Bed	12	EA	\$	-	\$	-	\$0	\$0
		BRICK WALL								
123	S103	Single Face Brickwork Wall w/ Horizontal Joint Reinforcing @ 1'-4" O.C - R-15 Rigid Insulation - Air & Moisture Barrier	1172	SF	\$	-	\$	-	\$0	\$0
		CMU WALL								
124	S103	8" CMU Wall Reinforced w/ - #5 Vert At 2'-0" O.C. Grout Fill Cells At Rein. w/ 3000 PSI Pea Gravel Grout - Starter Bars	1172	SF	\$	-	\$	-	\$0	\$0
		MAIN BUILDING								
		FIRST FLOOR								
125	A401	(8" Thick) CMU Wall (15 LF & 4'-0" H)	60	SF	\$	-	\$	-	\$0	\$0
126	A401	(8" Thick) CMU Wall (12 LF & 10'-0" H)	120	SF	\$	-	\$	-	\$0	\$0
		SECOND FLOOR								
127	A401	(6" Thick) CMU Wall (4 LF & 3'-0" H)	12	SF	\$	-	\$	-	\$0	\$0
128	A401	(6" Thick) CMU Wall (7 LF & 10'-0" H)	70	SF	\$	-	\$	-	\$0	\$0
129	A401	(8" Thick) CMU Wall (15 LF & 4'-0" H)	60	SF	\$	-	\$	-	\$0	\$0
130	A401	(8" Thick) CMU Wall (15 LF & 10'-0" H)	150	SF	\$	-	\$	-	\$0	\$0
		THIRD FLOOR								
131	A401	(8" Thick) CMU Wall (15 LF & 4'-0" H)	60	SF	\$	-	\$	-	\$0	\$0
132	A401	(8" Thick) CMU Wall (14 LF & 10'-6" H)	147	SF	\$	-	\$	-	\$0	\$0
		BOND BEAM								
133	A401	8" Bond Beam - Solid Grouted w/ 1-#4 Cont. bar	97	LF	\$	-	\$	-	\$0	\$0
		Subtotal (Masonrv)								

DIVISION 05 - METAL

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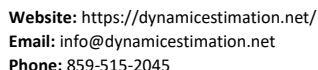
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SCOPE:

ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
MECHANICAL BUILDING									
		ROOF FRAMING							
		ROOF TRUSS							
134	S103	Light-Gauge Metal Trusses At 4'-0" O.C. (993 SF)	251.4	LF	\$ -	\$ -	\$0	\$0	
MAIN BUILDING									
		FLOOR FRAMING							
		WALL PLATE							
135	S103	3/8" x 1'-1" Steel Plate Bear 6" EA. End & Provide 5/8" Dia Epoxy Adhesive Anchor - 36 Pieces of 4.6 LF	165.6	LF	\$ -	\$ -	\$0	\$0	
136	S103	3/8" x 3" Cont. Plate - 36 Pieces of 4.6 LF	165.6	LF	\$ -	\$ -	\$0	\$0	
		THREADED ROD							
137	S103	1/2" x 3" Threaded Rod Welded To Plate At 1'-4" O.C.	126	EA	\$ -	\$ -	\$0	\$0	
		METAL STUD							
138	S103/A502	2-1/2" Metal Stud Insulation Supports @ 24" O.C. (102 LF & 1'-3" H)	127.5	SF	\$ -	\$ -	\$0	\$0	
		Subtotal (Metal)							\$0
DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES									
ATTIC DECK									
139	A105	2" x 12" Catwalk Framing @ 16" O.C. w/ 3/4" Plywood Catwalk Sheathing	1100	SF	\$ -	\$ -	\$0	\$0	
		PATCH & REPAIR							
140	A501	Existing Sheathing To Remain. Remove Damaged Sheathing & Replace with 3/4" Plywood To Match Existing	1	LS	\$ -	\$ -	\$0	\$0	
		Subtotal (Wood)							\$0
DIVISION 07 - THERMAL & MOISTURE PROTECTION									
MAIN BUILDING ROOFING									
		ROOFING MEMBRANE							
141	A102	5: Standing Seam Metal Roofing System w/ - Ice & Water shield	25765	SF	\$ -	\$ -	\$0	\$0	
		DOWNSPOUT & GUTTER							
142	A102	1: Metal Sheet Downspout	20	EA	\$ -	\$ -	\$0	\$0	
143	A102	(6" W x 6" D) Gutter w/ Expanded Metal Mesh Leaf Guard & 4" Downspout Leader	647	LF	\$ -	\$ -	\$0	\$0	
		ACCESS HATCH							
144	A102	8: 30" x 54" Roof Access Hatch w/ Metal Roof Access Hatch Ladder	1	EA	\$ -	\$ -	\$0	\$0	
		FASCIA							
145	A102	Metal Sheet Fascia	647	LF	\$ -	\$ -	\$0	\$0	
		COPING							
146	A102	10: Metal Sheet Coping w/ Peel & Stick Underlayment	368	LF	\$ -	\$ -	\$0	\$0	
		FLASHING							
147	A102	Metal Sheet Flashing	368	LF	\$ -	\$ -	\$0	\$0	
148	A102	Metal Sheet Counter Flashing & Trim	368	LF	\$ -	\$ -	\$0	\$0	
		MISCELLANEOUS							
149	A102	11: Roof Expansion Joint	153	LF	\$ -	\$ -	\$0	\$0	
150	A102	6: Standing Seam Metal Roof Hip	429	LF	\$ -	\$ -	\$0	\$0	
151	A102	6: Standing Seam Metal Roof Ridge	362	LF	\$ -	\$ -	\$0	\$0	
152	A102	7: Standing Seam Metal Roof Valley	451	LF	\$ -	\$ -	\$0	\$0	
153	A102	Cont. Prefinished Metal Drip Edge Trim	647	LF	\$ -	\$ -	\$0	\$0	
154	A102	3/4" CDX Plywood Over Cont. Treated Wood Blocking	368	LF	\$ -	\$ -	\$0	\$0	
155	A102	9: Osha Complaint Fall Protection System Approx. 18" From Roof Ridge.	241	LF	\$ -	\$ -	\$0	\$0	
156		MECHANICAL BUILDING ROOFING	1	EA	\$ -	\$ -	\$0	\$0	
		ROOFING MEMBRANE							
157	A110	Standing Seam Metal Roofing System w/ - Ice & Water shield - 1" Layers & 2-2" Layers Rigid Insulation - Tape All joints	1074	SF	\$ -	\$ -	\$0	\$0	
		DOWNSPOUT & GUTTER							
158	A110	Prefinished 3" x 4" Metal Downspout & Cast Concrete Splash block.	4	EA	\$ -	\$ -	\$0	\$0	
159	A110	(5") Prefinished Metal Gutter w/ Expanded Metal Mesh Leaf Guard & 4" Downspout Leader	128	LF	\$ -	\$ -	\$0	\$0	
		SOFFIT							
160	A110	(2'-2" D) Aluminum Vented Soffit	128	LF	\$ -	\$ -	\$0	\$0	
		FASCIA							
161	A110	Metal Sheet Fascia	128	LF	\$ -	\$ -	\$0	\$0	
		MISCELLANEOUS							
162	A110	Cont. Aluminum J-Trim	128	LF	\$ -	\$ -	\$0	\$0	
163	A110	Standing Seam Metal Roof Hip	78	LF	\$ -	\$ -	\$0	\$0	
164	A110	Standing Seam Metal Roof Ridge	10	LF	\$ -	\$ -	\$0	\$0	
165	A110	Cont. Prefinished Metal Drip Edge Trim	128	LF	\$ -	\$ -	\$0	\$0	
		INSULATION							
166	A105	Cont. R-38 Blown-in Place Insulation	17204	SF	\$ -	\$ -	\$0	\$0	
167	S103/A502	R-10 Spray-Foam Insulation Between Roof Deck & Top Of CMU Wall (102 LF & 1'-3" H)	127.5	SF	\$ -	\$ -	\$0	\$0	
SEALANT/BACKER ROD									
168	A201	Remove Existing Backer Rod & Sealant & Provide New Backer Rod & Sealant - At All Walls, Precast Balconies & All Existing Building Expansion Joints	1	LS	\$ -	\$ -	\$0	\$0	
		Subtotal (Thermal & Moisture Protection)							\$0
DIVISION 08 - OPENING									



SCOPE: ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST	
DOORS										
169	A601	(8'-0" W x 8'-8" H x 3" T) Aluminum Door	1	EA	\$ -	\$ -	\$0	\$0		
170	A601	(2'-0" W x 6'-8" H x 1 3/4" T) Steel Door w/ Steel Frame	364	EA	\$ -	\$ -	\$0	\$0		
171	A601	(3'-0" W x 7'-0" H x 1 3/4" T) Steel Door w/ Steel Frame	126	EA	\$ -	\$ -	\$0	\$0		
172	A601	(6'-0" W x 7'-0" H x 1 3/4" T) Steel Door w/ Steel Frame	12	EA	\$ -	\$ -	\$0	\$0		
173	A601	(3'-0" W x 7'-0" H x 1 3/4" T) Steel Door (1" Insulated) w/ Steel Frame	9	EA	\$ -	\$ -	\$0	\$0		
174	A601	(3'-0" W x 7'-0" H x 1 3/4" T) Steel Door (1/4" Tempered) w/ Steel Frame	1	EA	\$ -	\$ -	\$0	\$0		
WINDOWS										
175	A101/A102	(3'-4" W x 2'-0" H) Aluminum Window	12	EA	\$ -	\$ -	\$0	\$0		
176	A101/A102	(5'-4" W x 4'-8" H) Aluminum Window	108	EA	\$ -	\$ -	\$0	\$0		
		Subtotal (Opening)								\$0
DIVISION 09 - FINISHES										
CEILING										
FIRST FLOOR										
177	A103	5/8" Suspended Gypsum board Ceiling w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	4821	SF	\$ -	\$ -	\$0	\$0		
178	A103	5/8" Suspended Moisture Resistant Gypsum board Ceiling w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	1444	SF	\$ -	\$ -	\$0	\$0		
SOFFIT										
179	A103	(0'-8" H) 5/8" Gypsum board Soffit w/ 3 5/8" Steel Stud Framing (2'-0" H)	28	LF	\$ -	\$ -	\$0	\$0		
180	A103	(2'-0" H) 5/8" Gypsum board Soffit w/ 3 5/8" Steel Stud Framing (2'-0" H)	8	LF	\$ -	\$ -	\$0	\$0		
EXTERNAL SOFFIT										
181	A103	5/8" Suspended External Gypsum board Soffit w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	46	SF	\$ -	\$ -	\$0	\$0		
SECOND FLOOR										
182	A103	5/8" Suspended Gypsum board Ceiling w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	3766	SF	\$ -	\$ -	\$0	\$0		
183	A103	5/8" Suspended Moisture Resistant Gypsum board Ceiling w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	1502	SF	\$ -	\$ -	\$0	\$0		
SOFFIT										
184	A103	(2'-0" H) 5/8" Gypsum board Soffit w/ 3 5/8" Steel Stud Framing	8	LF	\$ -	\$ -	\$0	\$0		
EXTERNAL SOFFIT										
185	A103	5/8" Suspended External Gypsum board Soffit w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	46	SF	\$ -	\$ -	\$0	\$0		
THIRD FLOOR										
186	A104	5/8" Suspended Gypsum board Ceiling w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	3766	SF	\$ -	\$ -	\$0	\$0		
187	A104	5/8" Suspended Moisture Resistant Gypsum board Ceiling w/ 7/8" Hat Channel Cross Runners @ 1'-4" O.C. Suspended Steel Framing System of Heavy Duty 1 1/2" Main Runners @ 4'-0" O.C	1497	SF	\$ -	\$ -	\$0	\$0		
FLOORING										
FIRST FLOOR										
188	I101/I401	LVT-1: Luxury Vinyl Tile - Manufacturer: Mannington - Model: Crisscross - Color: Zoom Charcoal	9114	SF	\$ -	\$ -	\$0	\$0		
189	I101/I401	RES-1: Epoxy Resin Flooring - Manufacturer: Dur-A-Flex - Model: Dur-A-Quartz - Color: Toast	1297	SF	\$ -	\$ -	\$0	\$0		
190	I101/I401	RES-2: Non-Slip Epoxy Resinous Coating - Manufacturer: Interstate Products, Inc. - Model: Dura-Quartz Non-Slip Coating, TZ-22-20 - Color: Q28-23 Grey	5673	SF	\$ -	\$ -	\$0	\$0		
191	I101/I401	SC-1/w: Wet Area Sealed Concrete - Manufacturer: Corian - Color: Neutral Aggregate	303	SF	\$ -	\$ -	\$0	\$0		
192	I101/I401	SC-1: Sealed Concrete - Manufacturer: Corian - Color: Neutral Aggregate	2552	SF	\$ -	\$ -	\$0	\$0		
SECOND FLOOR										



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PROJECT ID: REPAIR BEQ AS4211 - MARINE CORPS AIR STATION NEW RIVER

SCOPE: ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
193	I102/I401	LVT-1: Luxury Vinyl Tile - Manufacturer: Mannington - Model: Crisscross - Color: Zoom Charcoal	10062	SF	\$ -	\$ -	\$0	\$0	
194	I102/I401	RES-2: Non-Slip Epoxy Resinous Coating - Manufacturer: Interstate Products, Inc. - Model: Dura-Quartz Non-Slip Coating, TZ-22-20 - Color: Q28-23 Grey	10463	SF	\$ -	\$ -	\$0	\$0	
195	I102/I401	SC-1/w: Wet Area Sealed Concrete - Manufacturer: Corian - Color: Neutral Aggregate	281	SF	\$ -	\$ -	\$0	\$0	
196	I102/I401	SC-1: Sealed Concrete - Manufacturer: Corian - Color: Neutral Aggregate	2747	SF	\$ -	\$ -	\$0	\$0	
		THIRD FLOOR							
197	I103/I401	LVT-1: Luxury Vinyl Tile - Manufacturer: Mannington - Model: Crisscross - Color: Zoom Charcoal	10062	SF	\$ -	\$ -	\$0	\$0	
198	I103/I401	RES-2: Non-Slip Epoxy Resinous Coating - Manufacturer: Interstate Products, Inc. - Model: Dura-Quartz Non-Slip Coating, TZ-22-20 - Color: Q28-23 Grey	491	SF	\$ -	\$ -	\$0	\$0	
199	I103/I401	SC-1/w: Wet Area Sealed Concrete - Manufacturer: Corian - Color: Neutral Aggregate	362	SF	\$ -	\$ -	\$0	\$0	
200	I103/I401	SC-1: Sealed Concrete - Manufacturer: Corian - Color: Neutral Aggregate	2662	SF	\$ -	\$ -	\$0	\$0	
		WALL BASE							
		FIRST FLOOR							
201	I101/I401	RB-1: Rubber Base - Manufacturer: Jhonsonite - Model: 283 - Color: Toast	4490	LF	\$ -	\$ -	\$0	\$0	
202	I101/I401	RES-1: Epoxy Resin Wall Base - Manufacturer: Dur-A-Flex - Model: Dur-A-Quartz - Color: Toast	177	LF	\$ -	\$ -	\$0	\$0	
203	I101/I401	RB-1: Wet Area Rubber Base - Manufacturer: Jhonsonite - Model: 283 - Color: Toast	80	LF	\$ -	\$ -	\$0	\$0	
		SECOND FLOOR							
204	I102/I401	RB-1: Rubber Base - Manufacturer: Jhonsonite - Model: 283 - Color: Toast	4941	LF	\$ -	\$ -	\$0	\$0	
205	I102/I401	RB-1: Wet Area Rubber Base - Manufacturer: Jhonsonite - Model: 283 - Color: Toast	86	LF	\$ -	\$ -	\$0	\$0	
		THIRD FLOOR							
206	I103/I401	RB-1: Rubber Base - Manufacturer: Jhonsonite - Model: 283 - Color: Toast	4910	LF	\$ -	\$ -	\$0	\$0	
207	I103/I401	RB-1: Wet Area Rubber Base - Manufacturer: Jhonsonite - Model: 283 - Color: Toast	96	LF	\$ -	\$ -	\$0	\$0	
		TILING							
		WALL TILES							
208	I401/A401	Wall Tile Type 'T-2' - Manufacturer: Atlas Concord - Model: Element - Color: Gray - Size: 12"x12"	15584	SF	\$ -	\$ -	\$0	\$0	
209	I401/A401	Wall Tile Type 'T-3' - Name: Accent Tile - Manufacturer: Atlas Concord - Model: Element - Color: Gray Anodized - Size: 12"x12" Turtle Mosaic	4576	SF	\$ -	\$ -	\$0	\$0	
210	I401/A401	SS3: Solid Surface Shower Panel Set in - Name: Solid Surface - Manufacturer: Megan tile - Color: Shade 2.0 Thunder - Size: Alaska White 12"x12"	5982.6	SF	\$ -	\$ -	\$0	\$0	



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SCOPE: ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
		FLOOR TILES							
211	I101,I102,I103/I401	T-1: Floor Tile - Manufacturer: Crossville - Model: Element - Color: Thunder - Size: 12"x12"	4344	SF	\$ -	\$ -	\$0	\$0	
		TILE TRIM							
212	A401	TS-7 Trim - Name: Transition Strip - Manufacturer: Schluter - Model: RONDEC-DB - Color: Satin Anodized	4472	LF	\$ -	\$ -	\$0	\$0	
		WALL COVERING							
		FIRST FLOOR							
213	I401	WC-1: Wall Graphic Shade - Manufacturer: Find Your Level Products - Model: Lindsey II - Color: Beige	483	SF	\$ -	\$ -	\$0	\$0	
		PAINTING							
		WALL PAINT							
		FIRST FLOOR							
214	I101/I401	Wall Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	43323	SF	\$ -	\$ -	\$0	\$0	
215	I101/I401	Wall Paint Finish 'PNT-2' - Manufacturer: Benjamin Moore - Model: 1552 - Color: River Reflection	4000	SF	\$ -	\$ -	\$0	\$0	
216	I101/I401	Wat Area Wall Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	1303	SF	\$ -	\$ -	\$0	\$0	
		SECOND FLOOR							
217	I102/I401	Wall Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	46794	SF	\$ -	\$ -	\$0	\$0	
218	I102/I401	Wall Paint Finish 'PNT-2' - Manufacturer: Benjamin Moore - Model: 1552 - Color: River Reflection	4500	SF	\$ -	\$ -	\$0	\$0	
219	I102/I401	Wat Area Wall Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	820	SF	\$ -	\$ -	\$0	\$0	
		THIRD FLOOR							
220	I103/I401	Wall Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	46435	SF	\$ -	\$ -	\$0	\$0	
221	I103/I401	Wall Paint Finish 'PNT-2' - Manufacturer: Benjamin Moore - Model: 1552 - Color: River Reflection	4500	SF	\$ -	\$ -	\$0	\$0	
222	I103/I401	Wat Area Wall Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	1009	SF	\$ -	\$ -	\$0	\$0	
		CEILING PAINT							
		FIRST FLOOR							
223	A103	GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	4821	SF	\$ -	\$ -	\$0	\$0	
224	A103	Wet Area GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	1444	SF	\$ -	\$ -	\$0	\$0	
225	A103	Concrete Plank Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	6394	SF	\$ -	\$ -	\$0	\$0	



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SCOPE:

ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
		SOFFIT							
226	A103	(0'-8" H) GYP Soffit Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	28	LF	\$ -	\$ -	\$0	\$0	
227	A103	(2'-0" H) GYP Soffit Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	8	LF	\$ -	\$ -	\$0	\$0	
		EXTERNAL SOFFIT							
228	A103	GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	46	SF	\$ -	\$ -	\$0	\$0	
		SECOND FLOOR							
229	A103	GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	3766	SF	\$ -	\$ -	\$0	\$0	
230	A103	Wet Area GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	1502	SF	\$ -	\$ -	\$0	\$0	
231	A103	Concrete Plank Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	7117	SF	\$ -	\$ -	\$0	\$0	
		SOFFIT							
232	A103	(2'-0" H) GYP Soffit Paint Finish 'PNT-1' - Name: Paint (Accent Paint) - Manufacturer: Benjamin Moore - Model: 1548 - Color: Classic Gray	8	LF	\$ -	\$ -	\$0	\$0	
		EXTERNAL SOFFIT							
233	A103	GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	46	SF	\$ -	\$ -	\$0	\$0	
		THIRD FLOOR							
234	A104	GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	3766	SF	\$ -	\$ -	\$0	\$0	
235	A104	Wet Area GYP Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	1497	SF	\$ -	\$ -	\$0	\$0	
236	A104	Concrete Plank Ceiling Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	6680	SF	\$ -	\$ -	\$0	\$0	
237	A104	Existing Soffit To be Cleaned & Paint Finish 'PNT-6' - Manufacturer: Benjamin Moore - Model: SW 7102 - Color: White Flour	6296	SF	\$ -	\$ -	\$0	\$0	
		DOORS PAINT							
238	A601	(2'-0" W x 6'-8" H x 1 3/4" T) Steel Door w/ Steel Frame Paint Finish 'PNT-5' - Manufacturer: Benjamin Moore - Model: SW 7026 - Color: Griffin	364	EA	\$ -	\$ -	\$0	\$0	
239	A601	(3'-0" W x 7'-0" H x 1 3/4" T) Steel Door w/ Steel Frame Paint Finish 'PNT-5' - Manufacturer: Benjamin Moore - Model: SW 7026 - Color: Griffin	136	EA	\$ -	\$ -	\$0	\$0	
240	A601	(6'-0" W x 7'-0" H x 1 3/4" T) Steel Door w/ Steel Frame Paint Finish 'PNT-5' - Manufacturer: Benjamin Moore - Model: SW 7026 - Color: Griffin	12	EA	\$ -	\$ -	\$0	\$0	
		EXTERIOR FINISH							
241	A201	Apply Water Repellent On All New & Existing Brick & Exposed Precast Surfaces	44589	SF	\$ -	\$ -	\$0	\$0	



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SCOPE: ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
242	A201	Power washing of Exterior Concrete Surfaces Power wash all existing exterior concrete walking surfaces throughout the entire building. This includes stair risers and treads. Prepare all surfaces for: Application of pedestrian coating, and/or Retrofit stair tread installation	1	LS	\$ -	\$ -	\$0	\$0	
Subtotal (Finishes)									\$0
DIVISION 10 - SPECIALITIES									
RAILING									
243	A101/A102	Remove existing rail & Replace with Aluminum Stair Guardrail w/ 1 1/4" Standard Pipe Handrail with 5/8" Diameter Bracket @ EA Post - 2" Square x .25" Aluminum Top Rail - 6-1 3/4" Square x 0.25" Aluminum Intermediate Rails - 2" Square x .25" Aluminum Baluster	456	LF	\$ -	\$ -	\$0	\$0	
244	A101	New Floor Mounted Bike Rack. Install with Epoxy Set Anchors	1	EA	\$ -	\$ -	\$0	\$0	
EXTERIOR RAILING									
245	A201	6: Repair or Replace Damaged Guardrail System Components Including but not limited to: infill panels, top and bottom rails, and balusters All repaired or replaced items to match existing exactly in material, finish, profile, and appearance	1280	LF	\$ -	\$ -	\$0	\$0	
WINDOW SILL									
246	A101/A102	SS-2: Solid Surface Window Sill - Name: Solid Surface - Manufacturer: Corian - Color: Neutral Aggregate	616	LF	\$ -	\$ -	\$0	\$0	
WINDOW SHADES									
247	A101/A102	WS-1: Window Shades - Model: Jumble - Color: Beige/Gray - Size: Blackout	616	LF	\$ -	\$ -	\$0	\$0	
BATH ACCESSORIES									
248	A403/A404	RH: Robe Hook	106	EA	\$ -	\$ -	\$0	\$0	
249	A403/A404	CSS: Shower Shelf	104	EA	\$ -	\$ -	\$0	\$0	
250	A403/A404	TB: 18" Towel Bar	208	EA	\$ -	\$ -	\$0	\$0	
251	A403/A404	TTD: Toilet Tissue Dispenser	54	EA	\$ -	\$ -	\$0	\$0	
252	A403/A404	WM1: Wall Mirror (Custom)	106	EA	\$ -	\$ -	\$0	\$0	
253	A403/A404	SND: Sanitary Napkin Disposal	2	EA	\$ -	\$ -	\$0	\$0	
254	A403/A404	SD: Wall Mounted Soap Dispenser	2	EA	\$ -	\$ -	\$0	\$0	
255	A403/A404	SCR (2'-4" W): Shower Curtain Rod	52	EA	\$ -	\$ -	\$0	\$0	
256	A403/A404	ITDW: Integral Towel Dispenser & Waste Receptacle	2	EA	\$ -	\$ -	\$0	\$0	
SIGNAGE									
257	I111/I112/I113	S1 - Sleeping Quarters Identification Sign	104	EA	\$ -	\$ -	\$0	\$0	
258	I111/I112/I113	S2 - Permanent Room Identification Sign	13	EA	\$ -	\$ -	\$0	\$0	
259	I111/I112/I113	S3 - Stairwell Level Indicator	9	EA	\$ -	\$ -	\$0	\$0	
260	I111/I112/I113	S4 - Stairwell Identification Sign	3	EA	\$ -	\$ -	\$0	\$0	
261	I111/I112/I113	S5 - Unisex Restroom Identification Sign	2	EA	\$ -	\$ -	\$0	\$0	
262	I111/I112/I113	S6 - Small Directional Room Sign	12	EA	\$ -	\$ -	\$0	\$0	
263	I111/I112/I113	S7 - Exterior Directional Room Sign	15	EA	\$ -	\$ -	\$0	\$0	
Subtotal (Specialties)									\$0
DIVISION 11 - APPLIANCES									
APPLIANCES									
264	A401	Dryer Machine	18	EA	\$ -	\$ -	\$0	\$0	
265	A401	Washing Machine	12	EA	\$ -	\$ -	\$0	\$0	
266	A401	GFGI Micro-Fridge Unit	104	EA	\$ -	\$ -	\$0	\$0	
Subtotal (Appliances)									\$0
DIVISION 12 - FURNISHING									
MILLWORK/JOINERY									
267	A401	(34" H x 22" D) Plastic Laminate Vanity Cabinets (14" D) HPL Fixed Shelf w/ 3/4" Plywood Substrate	312	LF	\$ -	\$ -	\$0	\$0	
268	A401	- 1 x 6 Plywood Cleat, Cont. 3 Sides - 3/4" x 1-1/2" Hardwood Nosing Stain w/ Closet Rod	624	LF	\$ -	\$ -	\$0	\$0	
269	A401	6: (72" H x 14" D) 3/4" Hardwood Plywood Closet Shelving	364	LF	\$ -	\$ -	\$0	\$0	
270	A401	(15" D x 30" H) Sleeping Room Wall hung Cabinet (Above Ref.)	260	LF	\$ -	\$ -	\$0	\$0	
COUNTERTOP									
271	A401	Single Solid Surface Vanity Countertop	521.04	SF	\$ -	\$ -	\$0	\$0	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
272	A401	(1'-6" D) 3/4" Solid Surface Countertop w/ Eased Edges Solid Surface Apron	44	LF	\$ -	\$ -	\$0	\$0	
		BACKSPLASH							
273	A401	(4" H) Plastic Laminate Vanity Backsplash	312	LF	\$ -	\$ -	\$0	\$0	
		Subtotal (Furnishing)							\$0
DIVISION 14 - CONVEYING EQUIPMENT									
		LIFT							
274	A311	1: Provide New Complete Elevator Including But not limited to car, machine equipmen,hydraulic jack,controllers,rails & supports,hoistway doors, sills, hall stations, ETC.	1	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Conveying Equipment)							\$0
DIVISION 21 - FIRE SUPPRESSION									
		MECHANICAL ROOM							
275	FA101	Carbon Monoxide Alarm	1	EA	\$ -	\$ -	\$0	\$0	
		MAIN BUILDING							
		LIFE SAFETY							
276	GI101/GI102	1: Infill Two 12" x 12" Opening In Fire Rated Barrier	52	EA	\$ -	\$ -	\$0	\$0	
277	GI101/GI102	2: Infill 8" Dia Opening In Fire Rated Barrier	52	EA	\$ -	\$ -	\$0	\$0	
278	A101/A102	F.E: Fire Extinguisher	18	EA	\$ -	\$ -	\$0	\$0	
		FIRST FLOOR							
		INTERNAL							
279	FA101	Wall Mounted Speaker	32	EA	\$ -	\$ -	\$0	\$0	
280	FA101	Sounder Base Area Smoke Detector	32	EA	\$ -	\$ -	\$0	\$0	
281	FA101	Wall Mounted Combination Speaker/Clear Strobe	8	EA	\$ -	\$ -	\$0	\$0	
282	FA101	Waterflow Switch	2	EA	\$ -	\$ -	\$0	\$0	
283	FA101	Tamper Switch	2	EA	\$ -	\$ -	\$0	\$0	
284	FA101	Duct Smoke Detector	2	EA	\$ -	\$ -	\$0	\$0	
285	FA101	Wall Mounted Combination Speaker/Clear Strobe	4	EA	\$ -	\$ -	\$0	\$0	
286	FA101	Wall Mounted Speaker	2	EA	\$ -	\$ -	\$0	\$0	
287	FA101	Wall Mounted Clear Strobe	1	EA	\$ -	\$ -	\$0	\$0	
288	FA101	Control Module	4	EA	\$ -	\$ -	\$0	\$0	
289	FA101	Area Smoke Detector	1	EA	\$ -	\$ -	\$0	\$0	
290	FA101	Heater Detector	3	EA	\$ -	\$ -	\$0	\$0	
291	FA101	Waterflow Switch	1	EA	\$ -	\$ -	\$0	\$0	
292	FA101	Area Smoke Detector	1	EA	\$ -	\$ -	\$0	\$0	
293	FA101	Monitor Module	2	EA	\$ -	\$ -	\$0	\$0	
294	FA101	Local Operating Console	1	EA	\$ -	\$ -	\$0	\$0	
295	FA101	Mass Notification Transceiver (Provided By Others)	1	EA	\$ -	\$ -	\$0	\$0	
		EXTERNAL							
296	FA101	Weather Proof Wall Mounted Speaker	15	EA	\$ -	\$ -	\$0	\$0	
297	FA101	Weather Proof Manual Pull Station	2	EA	\$ -	\$ -	\$0	\$0	
		SECOND FLOOR							
		INTERNAL							
298	FA102	Control Module	1	EA	\$ -	\$ -	\$0	\$0	
299	FA102	Duct Smoke Detector	2	EA	\$ -	\$ -	\$0	\$0	
300	FA102	Monitor Module	1	EA	\$ -	\$ -	\$0	\$0	
301	FA102	Sounder Base Area Smoke Detector	36	EA	\$ -	\$ -	\$0	\$0	
302	FA102	Tamper Switch	2	EA	\$ -	\$ -	\$0	\$0	
303	FA102	Wall Mounted Combination Speaker/Clear Strobe	10	EA	\$ -	\$ -	\$0	\$0	
304	FA102	Wall Mounted Speaker	36	EA	\$ -	\$ -	\$0	\$0	
305	FA102	Waterflow Switch	2	EA	\$ -	\$ -	\$0	\$0	
		EXTERNAL							
306	FA102	Weather Proof Wall Mounted Speaker	12	EA	\$ -	\$ -	\$0	\$0	
307	FA102	Weather Proof Manual Pull Station	4	EA	\$ -	\$ -	\$0	\$0	
308	FA102	Heater Detector	1	EA	\$ -	\$ -	\$0	\$0	
		THIRD FLOOR							
		INTERNAL							
309	FA103	Control Module	1	EA	\$ -	\$ -	\$0	\$0	
310	FA103	Duct Smoke Detector	2	EA	\$ -	\$ -	\$0	\$0	
311	FA103	Monitor Module	1	EA	\$ -	\$ -	\$0	\$0	
312	FA103	Sounder Base Area Smoke Detector	36	EA	\$ -	\$ -	\$0	\$0	
313	FA103	Tamper Switch	2	EA	\$ -	\$ -	\$0	\$0	
314	FA103	Wall Mounted Combination Speaker/Clear Strobe	10	EA	\$ -	\$ -	\$0	\$0	
315	FA103	Wall Mounted Speaker	36	EA	\$ -	\$ -	\$0	\$0	
316	FA103	Waterflow Switch	2	EA	\$ -	\$ -	\$0	\$0	
		EXTERNAL							
317	FA103	Weather Proof Manual Pull Station	4	EA	\$ -	\$ -	\$0	\$0	
318	FA103	Heater Detector	1	EA	\$ -	\$ -	\$0	\$0	
319	FA103	Weather Proof Wall Mounted Speaker	12	EA	\$ -	\$ -	\$0	\$0	
		SPRINKLER HAZARD							
		FIRST FLOOR							

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045					PROJECT ID: REPAIR BEQ AS4211 - MARINE CORPS AIR STATION NEW RIVER SCOPE: ALL TRADES				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
320	FAX101	Light Hazard Occupancy 'LH' - Light Hazard Occupancy. A Minimum Density Of 0.10-Gpm/Sf With A Design Area Of 1,500-Sf And A Hose Allowance Of 250-Gpm Must Be Used. Sprinkler Layout Must Comply With Nfpa 13 Light Hazard Spacing. Sprinklers Must Have A Minimum K-Factor Of 5.6.	2032.3	SF	\$ -	\$ -	\$0	\$0	
321	FAX101	Ordinary Hazard Occupancy 'OH' - Ordinary Hazard Occupancy. A Minimum Density Of 0.20-Gpm/Sf With A Design Area Of 2,500-Sf And A Hose Allowance Of 250 Gpm Must Be Used. Sprinkler Layout Must Comply With Nfpa 13 Ordinary Hazard Spacing. Sprinklers Must Have A Minimum K-Factor Of 8.0.	2839.6	SF	\$ -	\$ -	\$0	\$0	
322	FAX101	Residential Occupancy 'RES' - A Minimum Density Of 0.05-Gpm/Sf With A Design Area Of All Sprinklers In The Compartment Up To A Maximum Of Four And A Hose Allowance Of 250-Gpm Must Be Used (Nfpa 13R 7.1.1.1 & 7.1.1.3.1). Sprinkler Layout Must Comply With Residential Sprinkler Listing.	5599.0	SF	\$ -	\$ -	\$0	\$0	
323	FAX101	Sprinkler Pipe	79.9	LF	\$ -	\$ -	\$0	\$0	
324	FAX101	Fire Department Connection	1.0	EA	\$ -	\$ -	\$0	\$0	
325	FAX101	Wall Mounted Test Header	1.0	EA	\$ -	\$ -	\$0	\$0	
326	FAX101	Wet Riser	1.0	EA	\$ -	\$ -	\$0	\$0	
327	FAX101	Sprinkler Pipe Riser	20.0	LF	\$ -	\$ -	\$0	\$0	
328	FAX101	Fire Control Assembly 'FCA' - Flow Switch - Check Valve - Indicative Valve w/ Tamper Switch	1.0	EA	\$ -	\$ -	\$0	\$0	
329	FAX101	Sprinkler Pipe Tee	1.0	EA	\$ -	\$ -	\$0	\$0	
330	FAX101	Sprinkler Pipe Bend	5.0	EA	\$ -	\$ -	\$0	\$0	
		SECOND FLOOR							
331	FX102	Light Hazard Occupancy 'LH' - Light Hazard Occupancy. A Minimum Density Of 0.10-Gpm/Sf With A Design Area Of 1,500-Sf And A Hose Allowance Of 250-Gpm Must Be Used. Sprinkler Layout Must Comply With Nfpa 13 Light Hazard Spacing. Sprinklers Must Have A Minimum K-Factor Of 5.6.	479.1	SF	\$ -	\$ -	\$0	\$0	
332	FX102	Ordinary Hazard Occupancy 'OH' - Ordinary Hazard Occupancy. A Minimum Density Of 0.20-Gpm/Sf With A Design Area Of 2,500-Sf And A Hose Allowance Of 250 Gpm Must Be Used. Sprinkler Layout Must Comply With Nfpa 13 Ordinary Hazard Spacing. Sprinklers Must Have A Minimum K-Factor Of 8.0.	3012.6	SF	\$ -	\$ -	\$0	\$0	
333	FX102	Residential Occupancy 'RES' - A Minimum Density Of 0.05-Gpm/Sf With A Design Area Of All Sprinklers In The Compartment Up To A Maximum Of Four And A Hose Allowance Of 250-Gpm Must Be Used (Nfpa 13R 7.1.1.1 & 7.1.1.3.1). Sprinkler Layout Must Comply With Residential Sprinkler Listing.	6298.9	SF	\$ -	\$ -	\$0	\$0	
334	FX102	Sprinkler Pipe	6.0	LF	\$ -	\$ -	\$0	\$0	
335	FX102	Fire Control Assembly 'FCA' - Flow Switch - Check Valve - Indicative Valve w/ Tamper Switch	1.0	EA	\$ -	\$ -	\$0	\$0	
		THIRD FLOOR							
336	FX103	Light Hazard Occupancy 'LH' - Light Hazard Occupancy. A Minimum Density Of 0.10-Gpm/Sf With A Design Area Of 1,500-Sf And A Hose Allowance Of 250-Gpm Must Be Used. Sprinkler Layout Must Comply With Nfpa 13 Light Hazard Spacing. Sprinklers Must Have A Minimum K-Factor Of 5.6.	479.1	SF	\$ -	\$ -	\$0	\$0	
337	FX103	Ordinary Hazard Occupancy 'OH' - Ordinary Hazard Occupancy. A Minimum Density Of 0.20-Gpm/Sf With A Design Area Of 2,500-Sf And A Hose Allowance Of 250 Gpm Must Be Used. Sprinkler Layout Must Comply With Nfpa 13 Ordinary Hazard Spacing. Sprinklers Must Have A Minimum K-Factor Of 8.0.	3017.8	SF	\$ -	\$ -	\$0	\$0	
338	FX103	Residential Occupancy 'RES' - A Minimum Density Of 0.05-Gpm/Sf With A Design Area Of All Sprinklers In The Compartment Up To A Maximum Of Four And A Hose Allowance Of 250-Gpm Must Be Used (Nfpa 13R 7.1.1.1 & 7.1.1.3.1). Sprinkler Layout Must Comply With Residential Sprinkler Listing.	6298.9	SF	\$ -	\$ -	\$0	\$0	
339	FX103	Fire Control Assembly 'FCA' - Flow Switch - Check Valve - Indicative Valve w/ Tamper Switch	1.0	EA	\$ -	\$ -	\$0	\$0	
340	FX103	Sprinkler Pipe	6.0	LF	\$ -	\$ -	\$0	\$0	
		Subtotal (Fire Suspension)							\$0
DIVISION 22 - PLUMBING									
		SANITARY DRAINAGE SERVICES							
		PIPING							
341	P101 TO P108	SANITARY WASTE PIPE 'SAN'	PVC DWV SCH.40						
342	P101 TO P108	(1-1/2".Dia) Sanitary Waste Pipe	3	LF	\$ -	\$ -	\$0	\$0	
343	P101 TO P108	(1-1/4".Dia) Sanitary Waste Pipe	325	LF	\$ -	\$ -	\$0	\$0	
344	P101 TO P108	(2".Dia) Sanitary Waste Pipe	1116	LF	\$ -	\$ -	\$0	\$0	
345	P101 TO P108	(3".Dia) Sanitary Waste Pipe	593	LF	\$ -	\$ -	\$0	\$0	
346	P101 TO P108	(4".Dia) Sanitary Waste Pipe	1821	LF	\$ -	\$ -	\$0	\$0	

 Dynamic Estimation Inc. Website: https://dynamicestimation.net/ Email: info@dynamicestimation.net Phone: 859-515-2045			PROJECT ID: REPAIR BEQ AS4211 - MARINE CORPS AIR STATION NEW RIVER		SCOPE: ALL TRADES				
ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
347	P101 TO P108	(6".Dia) Sanitary Waste Pipe	120	LF	\$ -	\$ -	\$0	\$0	
348	P101 TO P108	VENT PIPE 'V'	PVC DWV SCH.40						
349	P101 TO P108	(2".Dia) Vent Pipe	2148	LF	\$ -	\$ -	\$0	\$0	
350	P101 TO P108	(3".Dia) Vent Pipe	458	LF	\$ -	\$ -	\$0	\$0	
351	P101 TO P108	(4".Dia) Vent Pipe	460	LF	\$ -	\$ -	\$0	\$0	
	P101 TO P108	FIXTURES							
352	P101 TO P108	P1: Floor Mounted Water Closet	54	EA	\$ -	\$ -	\$0	\$0	
353	P101 TO P108	P2: Undermount Lavatory	104	EA	\$ -	\$ -	\$0	\$0	
354	P101 TO P108	P3: Shower	52	EA	\$ -	\$ -	\$0	\$0	
355	P101 TO P108	P4: Wall Mounted Lavatory	2	EA	\$ -	\$ -	\$0	\$0	
356	P101 TO P108	P5: Washer Box	12	EA	\$ -	\$ -	\$0	\$0	
357	P101 TO P108	P6: Electric Water Cooler	1	EA	\$ -	\$ -	\$0	\$0	
358	P101 TO P108	P7: MOP Sink	1	EA	\$ -	\$ -	\$0	\$0	
359	P101 TO P108	Wall Cleanout	59	EA	\$ -	\$ -	\$0	\$0	
360	P101 TO P108	Floor Clean Out	2	EA	\$ -	\$ -	\$0	\$0	
361	P101 TO P108	Ground Clean Out	2	EA	\$ -	\$ -	\$0	\$0	
362	P101 TO P108	Clean Out	2	EA	\$ -	\$ -	\$0	\$0	
363	P101 TO P108	SP-1: Simplex 50GPM Sump Pump	1	EA	\$ -	\$ -	\$0	\$0	
364	P101 TO P108	LI-1: Lint Interceptor	1	EA	\$ -	\$ -	\$0	\$0	
365	P101 TO P108	(3".Dia) FD-A	9	EA	\$ -	\$ -	\$0	\$0	
366	P101 TO P108	(4".Dia) FD-A	3	EA	\$ -	\$ -	\$0	\$0	
	P101 TO P108 , P501	DOMESTIC WATER SERVICES							
	P101 TO P108 , P501	PIPING							
367	P101 TO P108	COLD WATER PIPE 'CW'	Copper Type L						
368	P101 TO P108	(1 1/2".Dia) Cold Water Pipe 'CW'	129	LF	\$ -	\$ -	\$0	\$0	
369	P101 TO P108	(1 1/4".Dia) Cold Water Pipe 'CW'	770	LF	\$ -	\$ -	\$0	\$0	
370	P101 TO P108	(1".Dia) Cold Water Pipe 'CW'	260	LF	\$ -	\$ -	\$0	\$0	
371	P101 TO P108	(1/2".Dia) Cold Water Pipe 'CW'	1004	LF	\$ -	\$ -	\$0	\$0	
372	P101 TO P108	(3/4".Dia) Cold Water Pipe 'CW'	759	LF	\$ -	\$ -	\$0	\$0	
373	P101 TO P108	(2 1/2".Dia) Cold Water Pipe 'CW'	96	LF	\$ -	\$ -	\$0	\$0	
374	P101 TO P108	(2".Dia) Cold Water Pipe 'CW'	56	LF	\$ -	\$ -	\$0	\$0	
375	P101 TO P108	(3".Dia) Cold Water Pipe 'CW'	189	LF	\$ -	\$ -	\$0	\$0	
376	P101 TO P108	(4".Dia) Cold Water Pipe 'CW'	75	LF	\$ -	\$ -	\$0	\$0	
377	P101 TO P108	COLD WATER PIPE 'CW' (U/G)	Copper Type K						
378	P101 TO P108	(4".Dia) Cold Water Pipe 'CW'	62	LF	\$ -	\$ -	\$0	\$0	
379	P101 TO P108	HOT WATER PIPE 'HW'	Copper Type L						
380	P101 TO P108	(1/2".Dia) Hot Water Pipe 'HW'	947	LF	\$ -	\$ -	\$0	\$0	
381	P101 TO P108	(3/4".Dia) Hot Water Pipe 'HW'	1369	LF	\$ -	\$ -	\$0	\$0	
382	P101 TO P108	(1".Dia) Hot Water Pipe 'HW'	35	LF	\$ -	\$ -	\$0	\$0	
383	P101 TO P108	(1 1/2".Dia) Hot Water Pipe 'HW'	30	LF	\$ -	\$ -	\$0	\$0	
384	P101 TO P108	(2 1/2".Dia) Hot Water Pipe 'HW'	202	LF	\$ -	\$ -	\$0	\$0	
385	P101 TO P108	(2".Dia) Hot Water Pipe 'HW'	172	LF	\$ -	\$ -	\$0	\$0	
386	P101 TO P108	(3".Dia) Hot Water Pipe 'HW'	241	LF	\$ -	\$ -	\$0	\$0	
387	P101 TO P108	HOT WATER PIPE 'HW' (U/G)	Copper Type K						
388	P101 TO P108	(3".Dia) Hot Water Pipe 'HW'	13	LF	\$ -	\$ -	\$0	\$0	
389	P101 TO P108	HOT WATER RETURN PIPE 'HW'	Copper Type L						
390	P101 TO P108	(1-1/2".Dia) Hot Water Return Pipe 'HWR'	118	LF	\$ -	\$ -	\$0	\$0	
391	P101 TO P108	HOT WATER RETURN PIPE 'HW' (U/G)	Copper Type K						
392	P101 TO P108	(1-1/2".Dia) Hot Water Return Pipe 'HWR' UG	18	LF	\$ -	\$ -	\$0	\$0	
	P101 TO P108	FITTINGS							
393	P101 TO P108	(1 1/4".Dia) Isolation Valve	34	EA	\$ -	\$ -	\$0	\$0	
394	P101 TO P108	(1 1/2".Dia) Isolation Valve	18	EA	\$ -	\$ -	\$0	\$0	
395	P101 TO P108	(1 1/2".Dia) Isolation Valve	7	EA	\$ -	\$ -	\$0	\$0	
396	P101 TO P108	(3/4".Dia) Isolation Valve	5	EA	\$ -	\$ -	\$0	\$0	
397	P101 TO P108	(3".Dia) Isolation Valve	13	EA	\$ -	\$ -	\$0	\$0	
398	P101 TO P108	(4".Dia) Isolation Valve	1	EA	\$ -	\$ -	\$0	\$0	
399	P101 TO P108	(1/2".Dia) Isolation Valve	4	EA	\$ -	\$ -	\$0	\$0	
400	P101 TO P108	(3/4".Dia) Trap Primer Valve	3	EA	\$ -	\$ -	\$0	\$0	
401	P101 TO P108	(1".Dia) Isolation Valve	52	EA	\$ -	\$ -	\$0	\$0	
402	P101 TO P108	(3".Dia) Check Valve	1	EA	\$ -	\$ -	\$0	\$0	
403	P101 TO P108	(1 1/2".Dia) Check Valve	2	EA	\$ -	\$ -	\$0	\$0	
404	P101 TO P108	Shock Absorber	60	EA	\$ -	\$ -	\$0	\$0	
405	P101 TO P108	T & P Valve	2	EA	\$ -	\$ -	\$0	\$0	
406	P101 TO P108	TMV-1: Thermostatic Mixing Valve	1	EA	\$ -	\$ -	\$0	\$0	
	P101 TO P108	FIXTURES							
407	P101 TO P108	Hose Bib	7	EA	\$ -	\$ -	\$0	\$0	
408	P101 TO P108	Wall Hydrant	4	EA	\$ -	\$ -	\$0	\$0	
409	P101 TO P108	ET-1: 130 GAL Expansion Tank	1	EA	\$ -	\$ -	\$0	\$0	
410	P101 TO P108	BFP-1: 4".Dia Backflow Prevention Device	1	EA	\$ -	\$ -	\$0	\$0	
411	P101 TO P108	BFP-2: 1 1/4".Dia Backflow Prevention Device	1	EA	\$ -	\$ -	\$0	\$0	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
412	P101 TO P108	D-WH-1: 600 GAL Gas Water Storage Heater	2	EA	\$ -	\$ -	\$0	\$0	
413	P101 TO P108	Regulator	2	EA	\$ -	\$ -	\$0	\$0	
414	P101 TO P108	D-RCP-1: Domestic Hot Water Recirculating Pump	1	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Plumbing)							\$0
DIVISION 23 - HVAC									
		DUCTS							
		EXHAUST AIR DUCTS							
415	M101 TO M112	(4".Dia) Exhaust Duct	2222	LF	\$ -	\$ -	\$0	\$0	
416	M101 TO M112	(6".Dia) Exhaust Duct	555	LF	\$ -	\$ -	\$0	\$0	
417	M101 TO M112	(8" x 8") Exhaust Duct	26	LF	\$ -	\$ -	\$0	\$0	
418	M101 TO M112	(8" x 8") Exhaust Duct	75	LF	\$ -	\$ -	\$0	\$0	
419	M101 TO M112	(8" x 6") Exhaust Duct	7	LF	\$ -	\$ -	\$0	\$0	
420	M101 TO M112	(6" x 8") Exhaust Duct	7	LF	\$ -	\$ -	\$0	\$0	
421	M101 TO M112	(6" x 6") Exhaust Duct	86	LF	\$ -	\$ -	\$0	\$0	
422	M101 TO M112	(6" x 10") Exhaust Duct	171	LF	\$ -	\$ -	\$0	\$0	
423	M101 TO M112	(32" x 22") Exhaust Duct	12	LF	\$ -	\$ -	\$0	\$0	
424	M101 TO M112	(26" x 26") Exhaust Duct	91	LF	\$ -	\$ -	\$0	\$0	
425	M101 TO M112	(26" x 22") Exhaust Duct	22	LF	\$ -	\$ -	\$0	\$0	
426	M101 TO M112	(18" x 28") Exhaust Duct	34	LF	\$ -	\$ -	\$0	\$0	
427	M101 TO M112	(18" x 18") Exhaust Duct	53	LF	\$ -	\$ -	\$0	\$0	
428	M101 TO M112	(22" x 22") Exhaust Air Duct	82	LF	\$ -	\$ -	\$0	\$0	
429	M101 TO M112	(14" x 12") Exhaust Duct	2	LF	\$ -	\$ -	\$0	\$0	
430	M101 TO M112	(14" x 10") Exhaust Duct	280	LF	\$ -	\$ -	\$0	\$0	
431	M101 TO M112	(10" x 10") Exhaust Duct	290	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	OUTSIDE AIR DUCTS							
432	M101 TO M112	(38" x 22") Outside Air Duct	245	LF	\$ -	\$ -	\$0	\$0	
433	M101 TO M112	(38" x 24") Outside Air Duct	82	LF	\$ -	\$ -	\$0	\$0	
434	M101 TO M112	(38" x 30") Outside Air Duct	63	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	SUPPLY AIR DUCTS							
435	M101 TO M112	(10" x 10") Supply Air Duct	342	LF	\$ -	\$ -	\$0	\$0	
436	M101 TO M112	(10" x 16") Supply Air Duct	99	LF	\$ -	\$ -	\$0	\$0	
437	M101 TO M112	(10" x 8") Supply Air Duct	703	LF	\$ -	\$ -	\$0	\$0	
438	M101 TO M112	(16" x 10") Supply Air Duct	19	LF	\$ -	\$ -	\$0	\$0	
439	M101 TO M112	(16" x 12") Supply Air Duct	22	LF	\$ -	\$ -	\$0	\$0	
440	M101 TO M112	(18" x 18") Supply Air Duct	34	LF	\$ -	\$ -	\$0	\$0	
441	M101 TO M112	(20" x 4") Supply Air Duct	7	LF	\$ -	\$ -	\$0	\$0	
442	M101 TO M112	(20" x 4") Supply Air Duct	5	LF	\$ -	\$ -	\$0	\$0	
443	M101 TO M112	(32" x 18") Supply Air Duct	33	LF	\$ -	\$ -	\$0	\$0	
444	M101 TO M112	(4" x 4") Supply Air Duct	9	LF	\$ -	\$ -	\$0	\$0	
445	M101 TO M112	(6" x 8") Supply Air Duct	649	LF	\$ -	\$ -	\$0	\$0	
446	M101 TO M112	(6".Dia) Supply Air Duct	82	LF	\$ -	\$ -	\$0	\$0	
447	M101 TO M112	(8" x 6") Supply Air Duct	460	LF	\$ -	\$ -	\$0	\$0	
448	M101 TO M112	(8".Dia) Supply Air Duct	40	LF	\$ -	\$ -	\$0	\$0	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
	M101 TO M112	<u>RETURN AIR DUCTS</u>							
449	M101 TO M112	(12" x 12") Return Air Duct	15	LF	\$ -	\$ -	\$0	\$0	
450	M101 TO M112	(22" x 8") Return Air Duct	9	LF	\$ -	\$ -	\$0	\$0	
451	M101 TO M112	(20" x 10") Return Air Duct	11	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>PIPING</u>							
	M101 TO M112	<u>CHILLED WATER SUPPLY & RETURN PIPES</u>							
452	M101 TO M112	(2-1/2".Dia) Chilled Water Supply Pipe - 'CHWS'	57	LF	\$ -	\$ -	\$0	\$0	
453	M101 TO M112	(3/4".Dia) Chilled Water Supply Pipe - 'CHWS'	184	LF	\$ -	\$ -	\$0	\$0	
454	M101 TO M112	(4".Dia) Chilled Water Supply Pipe - 'CHWS'	219	LF	\$ -	\$ -	\$0	\$0	
455	M101 TO M112	(6".Dia) Chilled Water Supply Pipe - 'CHWS'	121	LF	\$ -	\$ -	\$0	\$0	
456	M101 TO M112	(6".Dia) Chilled Water Supply Pipe - 'CHWS' AG	8	LF	\$ -	\$ -	\$0	\$0	
457	M101 TO M112	(2".Dia) Chilled Water Supply Pipe - 'CHWS'	113	LF	\$ -	\$ -	\$0	\$0	
458	M101 TO M112	(2".Dia) Chilled Water Return Pipe - 'CHWR'	112	LF	\$ -	\$ -	\$0	\$0	
459	M101 TO M112	(2-1/2".Dia) Chilled Water Return Pipe - 'CHWR'	56	LF	\$ -	\$ -	\$0	\$0	
460	M101 TO M112	(3/4".Dia) Chilled Water Return Pipe - 'CHWR'	178	LF	\$ -	\$ -	\$0	\$0	
461	M101 TO M112	(4".Dia) Chilled Water Return Pipe - 'CHWR'	218	LF	\$ -	\$ -	\$0	\$0	
462	M101 TO M112	(6".Dia) Chilled Water Return Pipe - 'CHWR'	89	LF	\$ -	\$ -	\$0	\$0	
463	M101 TO M112	(6".Dia) Chilled Water Return Pipe - 'CHWR' AG	85	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>HOT WATER SUPPLY & RETURN PIPES</u>							
464	M101 TO M112	(2".Dia) Hot Water Supply Pipe - 'HWS'	216	LF	\$ -	\$ -	\$0	\$0	
465	M101 TO M112	(3".Dia) Hot Water Supply Pipe - 'HWS'	20	LF	\$ -	\$ -	\$0	\$0	
466	M101 TO M112	(2".Dia) Hot Water Supply Pipe - 'HWS'	25	LF	\$ -	\$ -	\$0	\$0	
467	M101 TO M112	(4".Dia) Hot Water Supply Pipe - 'HWS'	31	LF	\$ -	\$ -	\$0	\$0	
468	M101 TO M112	(3".Dia) Hot Water Supply Pipe - 'HWS'	89	LF	\$ -	\$ -	\$0	\$0	
469	M101 TO M112	(1".Dia) Hot Water Supply Pipe - 'HWS'	171	LF	\$ -	\$ -	\$0	\$0	
470	M101 TO M112	(3/4".Dia) Hot Water Supply Pipe - 'HWS'	474	LF	\$ -	\$ -	\$0	\$0	
471	M101 TO M112	(2".Dia) Hot Water Return Pipe - 'HWR'	215	LF	\$ -	\$ -	\$0	\$0	
472	M101 TO M112	(3".Dia) Hot Water Return Pipe - 'HWR'	69	LF	\$ -	\$ -	\$0	\$0	
473	M101 TO M112	(1".Dia) Hot Water Return Pipe - 'HWR'	170	LF	\$ -	\$ -	\$0	\$0	
474	M101 TO M112	(3/4".Dia) Hot Water Return Pipe - 'HWR'	440	LF	\$ -	\$ -	\$0	\$0	
475	M101 TO M112	(3".Dia) Hot Water Return Pipe - 'HWR' AG	13	LF	\$ -	\$ -	\$0	\$0	
476	M101 TO M112	(2".Dia) Hot Water Return Pipe - 'HWR' AG	39	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>CONDENSATE PIPE</u>							
477	M101 TO M112	(5/8") Condensate Pipe	62	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>REFRIGERANT LINES</u>							
478	M101 TO M112	(1/2") Refrigerant Liquid Lines	210	LF	\$ -	\$ -	\$0	\$0	
479	M101 TO M112	(1/4") Refrigerant Suction Lines	210	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>NATURAL GAS PIPE</u>							
480	M101 TO M112	(2".Dia) Natural Gas Pipe	10	LF	\$ -	\$ -	\$0	\$0	



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PROJECT ID: REPAIR BEQ AS4211 - MARINE CORPS AIR STATION NEW RIVER

SCOPE: ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
481	M101 TO M112	(1".Dia) Natural Gas Pipe	43	LF	\$ -	\$ -	\$0	\$0	
482	M101 TO M112	(3/4".Dia) Natural Gas Pipe	12	LF	\$ -	\$ -	\$0	\$0	
483	M101 TO M112	(1 1/4".Dia) Natural Gas Pipe	11	LF	\$ -	\$ -	\$0	\$0	
484	M101 TO M112	(1 1/2".Dia) Natural Gas Pipe	28	LF	\$ -	\$ -	\$0	\$0	
	M101 TO M112	FITTINGS							
485	M101 TO M112	(1/2".Dia) Isolation Valve	2	EA	\$ -	\$ -	\$0	\$0	
486	M101 TO M112	(3/4".Dia) Isolation Valve	1	EA	\$ -	\$ -	\$0	\$0	
487	M101 TO M112	(2".Dia) Solenoid Valve	1	EA	\$ -	\$ -	\$0	\$0	
488	M101 TO M112	(1 1/4".Dia) Isolation Valve	2	EA	\$ -	\$ -	\$0	\$0	
489	M101 TO M112	(1/2".Dia) Gas Cock Valve	2	EA	\$ -	\$ -	\$0	\$0	
490	M101 TO M112	(3/4".Dia) Gas Cock Valve	1	EA	\$ -	\$ -	\$0	\$0	
491	M101 TO M112	(1 1/4".Dia) Gas Cock Valve	2	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	MECHANICAL EQUIPMENTS							
	M101 TO M112	GRILLES/DIFFUSERS							
492	M101 TO M112	E1 - 25CFM: 8X6 Aluminum Fixed Vane Exhaust Grille	192	EA	\$ -	\$ -	\$0	\$0	
493	M101 TO M112	E1 - 50CFM: 8X6 Aluminum Fixed Vane Exhaust Grille	98	EA	\$ -	\$ -	\$0	\$0	
494	M101 TO M112	E1 - 75CFM: 8X6 Aluminum Fixed Vane Exhaust Grille	3	EA	\$ -	\$ -	\$0	\$0	
495	M101 TO M112	S1 - 100 CFM: 10X8 Aluminum Double Deflection Grille	1	EA	\$ -	\$ -	\$0	\$0	
496	M101 TO M112	S1 - 75 CFM: 10X8 Aluminum Double Deflection Grille	144	EA	\$ -	\$ -	\$0	\$0	
497	M101 TO M112	S2 - 75 CFM: 24X24 Square Plaque Face Diffuser	2	EA	\$ -	\$ -	\$0	\$0	
498	M101 TO M112	S3 - 100 CFM: 24X24 Square Plaque Face Diffuser	1	EA	\$ -	\$ -	\$0	\$0	
499	M101 TO M112	S3 - 125 CFM: 24X24 Square Plaque Face Diffuser	1	EA	\$ -	\$ -	\$0	\$0	
500	M101 TO M112	S4 - 300 CFM: 22X6 Aluminum Double Deflection Grille	1	EA	\$ -	\$ -	\$0	\$0	
501	M101 TO M112	S4 - 310 CFM: 22X6 Aluminum Double Deflection Grille	1	EA	\$ -	\$ -	\$0	\$0	
502	M101 TO M112	S4 - 315 CFM: 22X6 Aluminum Double Deflection Grille	1	EA	\$ -	\$ -	\$0	\$0	
503	M101 TO M112	S5 - 25 CFM: 6X6 Aluminum Double Deflection Grille	2	EA	\$ -	\$ -	\$0	\$0	
504	M101 TO M112	R1 - 100 CFM: 16x16 Square Perforated Diffuser	4	EA	\$ -	\$ -	\$0	\$0	
505	M101 TO M112	R2 - 375 CFM: 24x24 Square Perforated Diffuser	2	EA	\$ -	\$ -	\$0	\$0	
506	M101 TO M112	R3 - 1000 CFM: 24x24 Square Perforated Diffuser	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	PACKAGE TERMINAL HEAT PUMP - PTHP							
507	M101 TO M112	PTHP Unit: Package Terminal Heat Pump	96	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	DEHUMIDIFIER							
508	M101 TO M112	DH-1: Dehumidifier 70 PTS/DAY	1	EA	\$ -	\$ -	\$0	\$0	
509	M101 TO M112	DH-2: Dehumidifier 70 PTS/DAY	1	EA	\$ -	\$ -	\$0	\$0	
510	M101 TO M112	DH-3: Dehumidifier 70 PTS/DAY	1	EA	\$ -	\$ -	\$0	\$0	
511	M101 TO M112	DH-4: Dehumidifier 70 PTS/DAY	1	EA	\$ -	\$ -	\$0	\$0	
512	M101 TO M112	DH-5: Dehumidifier 70 PTS/DAY	1	EA	\$ -	\$ -	\$0	\$0	
513	M101 TO M112	DH-6: Dehumidifier 70 PTS/DAY	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	DEDICATED OUTSIDE AIR SYSTEM							

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
514	M101 TO M112	DOAS-1: Dedicated Outside Air System w/2250 CFM	6	EA	\$ -	\$ -	\$0	\$0	
515	M101 TO M112	DOAS-2: Dedicated Outside Air System w/1800 CFM	6	EA	\$ -	\$ -	\$0	\$0	
516	M101 TO M112	DOAS-3: Dedicated Outside Air System w/2250 CFM	6	EA	\$ -	\$ -	\$0	\$0	
517	M101 TO M112	DOAS-4: Dedicated Outside Air System w/1800 CFM	6	EA	\$ -	\$ -	\$0	\$0	
518	M101 TO M112	DOAS-5: Dedicated Outside Air System w/2250 CFM	6	EA	\$ -	\$ -	\$0	\$0	
519	M101 TO M112	DOAS-6: Dedicated Outside Air System w/1800 CFM	6	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>EXHAUST FANS</u>							
520	M101 TO M112	EF-1: Propeller Exhaust Fan w/ 650CFM	1	EA	\$ -	\$ -	\$0	\$0	
521	M101 TO M112	EF-2: Propeller Exhaust Fan w/ 1200CFM	1	EA	\$ -	\$ -	\$0	\$0	
522	M101 TO M112	EF-3: Propeller Exhaust Fan w/ 1200CFM	1	EA	\$ -	\$ -	\$0	\$0	
523	M101 TO M112	EF-4: Propeller Exhaust Fan w/ 1200CFM	1	EA	\$ -	\$ -	\$0	\$0	
524	M101 TO M112	EF-5: Inline Exhaust Fan w/ 225CFM	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>ELECTRIC UNIT HEATER</u>							
525	M101 TO M112	EUH-1: Electric Unit Heater w/ 350 CFM	1	EA	\$ -	\$ -	\$0	\$0	
526	M101 TO M112	EUH-2: Electric Unit Heater w/ 350 CFM	1	EA	\$ -	\$ -	\$0	\$0	
527	M101 TO M112	EUH-3: Electric Unit Heater w/ 350 CFM	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>HOT UNIT HEATER</u>							
528	M101 TO M112	UH-1: Hot Water Unit Heater w/ 350 CFM	1	EA	\$ -	\$ -	\$0	\$0	
529	M101 TO M112	UH-2: Hot Water Unit Heater w/ 340 CFM	1	EA	\$ -	\$ -	\$0	\$0	
530	M101 TO M112	UH-3: Hot Water Unit Heater w/ 340 CFM	1	EA	\$ -	\$ -	\$0	\$0	
531	M101 TO M112	UH-4: Hot Water Unit Heater w/ 340 CFM	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>DUCTLESS SPLIT SYTEM</u>							
532	M101 TO M112	DAC-1: Ductless Split System Indoor Unit w/450 CFM	1	EA	\$ -	\$ -	\$0	\$0	
533	M101 TO M112	DAC-2: Ductless Split System Indoor Unit w/450 CFM	1	EA	\$ -	\$ -	\$0	\$0	
534	M101 TO M112	DCU-1: Ductless Split System Outdoor Unit	2	EA	\$ -	\$ -	\$0	\$0	
535	M101 TO M112	DCU-2: Ductless Split System Outdoor Unit	2	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>LOUVERS</u>							
536	M101 TO M112	L-1: Intake Louver, 40x12	1	EA	\$ -	\$ -	\$0	\$0	
537	M101 TO M112	L-2: Intake Louver, 40x16	1	EA	\$ -	\$ -	\$0	\$0	
538	M101 TO M112	L-3: Intake Louver, 40x16	3	EA	\$ -	\$ -	\$0	\$0	
539	M101 TO M112	L-4: Intake Louver, 40x16	1	EA	\$ -	\$ -	\$0	\$0	
540	M101 TO M112	L5-A: Intake Louver	1	EA	\$ -	\$ -	\$0	\$0	
541	M101 TO M112	L5-B: Intake Louver	1	EA	\$ -	\$ -	\$0	\$0	
542	M101 TO M112	L6-A: Intake Louver	1	EA	\$ -	\$ -	\$0	\$0	
543	M101 TO M112	L6-B: Intake Louver	1	EA	\$ -	\$ -	\$0	\$0	
544	M101 TO M112	L-7: Exhaust Louver	1	EA	\$ -	\$ -	\$0	\$0	
545	M101 TO M112	L8: Exhaust Louver	1	EA	\$ -	\$ -	\$0	\$0	
546	M101 TO M112	L8-B: Exhaust Louver	1	EA	\$ -	\$ -	\$0	\$0	
547	M101 TO M112	L-9: Intake Louver, 14x12	1	EA	\$ -	\$ -	\$0	\$0	



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SCOPE: ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
548	M101 TO M112	L-10: Intake Louver, 14x12	1	EA	\$ -	\$ -	\$0	\$0	
549	M101 TO M112	L-11: Intake Louver, 14x12	1	EA	\$ -	\$ -	\$0	\$0	
550	M101 TO M112	L-12: Exhaust Louver, 8x40	1	EA	\$ -	\$ -	\$0	\$0	
551	M101 TO M112	L-13: Exhaust Louver, 8x40	1	EA	\$ -	\$ -	\$0	\$0	
552	M101 TO M112	L-14: Exhaust Louver, 8x40	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>AIR & DIRT SEPERATOR</u>							
553	M101 TO M112	AS-1: Air & Dirt Separator	1	EA	\$ -	\$ -	\$0	\$0	
554	M101 TO M112	AS-2: Air & Dirt Separator	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>BOILERS</u>							
555	M101 TO M112	B-1: 30GPM Boiler	1	EA	\$ -	\$ -	\$0	\$0	
556	M101 TO M112	B-2: 30GPM Boiler	1	EA	\$ -	\$ -	\$0	\$0	
557	M101 TO M112	B-3: 30GPM Boiler	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>PUMPS & TANKS</u>							
558	M101 TO M112	CHWP-1: Chilled Water Pump	1	EA	\$ -	\$ -	\$0	\$0	
559	M101 TO M112	CHWP-2: Chilled Water Pump	1	EA	\$ -	\$ -	\$0	\$0	
560	M101 TO M112	PHWP-1: Primary Hot Water System Pump	1	EA	\$ -	\$ -	\$0	\$0	
561	M101 TO M112	PHWP-2: Primary Hot Water System Pump	1	EA	\$ -	\$ -	\$0	\$0	
562	M101 TO M112	PHWP-3: Primary Hot Water System Pump	1	EA	\$ -	\$ -	\$0	\$0	
563	M101 TO M112	SHWP-1: Secondary Hot Water System Pump	1	EA	\$ -	\$ -	\$0	\$0	
564	M101 TO M112	SHWP-2: Secondary Hot Water System Pump	1	EA	\$ -	\$ -	\$0	\$0	
565	M101 TO M112	PHCP-1 To 6: Preheat Circulation Pump	6	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>AIR COOLED PACKAGE</u>							
566	M101 TO M112	CH-1: Air Cooled Package	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>TANKS</u>							
567	M101 TO M112	ET-1: 1200 Gal Expansion Tank	1	EA	\$ -	\$ -	\$0	\$0	
568	M101 TO M112	ET-2: 1805 Gal Expansion Tank	1	EA	\$ -	\$ -	\$0	\$0	
569	M101 TO M112	BT-1: 400 Gallons Buffer Tank	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>CHEMICAL SHOT FEEDER</u>							
570	M101 TO M112	CF-1: 5 Gal Chemical Shot Feeder	1	EA	\$ -	\$ -	\$0	\$0	
571	M101 TO M112	CF-2: 5 Gal Chemical Shot Feeder	1	EA	\$ -	\$ -	\$0	\$0	
	M101 TO M112	<u>HVAC CONTROLS & DAMPERS</u>							
572	M101 TO M112	Thermostat	113	EA	\$ -	\$ -	\$0	\$0	
573	M101 TO M112	Opposed Blade Damper	156	EA	\$ -	\$ -	\$0	\$0	
574	M101 TO M112	Manual Balancing Damper	226	EA	\$ -	\$ -	\$0	\$0	
575	M101 TO M112	Fire Damper	18	EA	\$ -	\$ -	\$0	\$0	
576	M101 TO M112	HVAC CP	6	EA	\$ -	\$ -	\$0	\$0	
577	M101 TO M112	VFD	16	EA	\$ -	\$ -	\$0	\$0	
578	M101 TO M112	Smoke Damper	6	EA	\$ -	\$ -	\$0	\$0	
579	M101 TO M112	Motorized Damper	12	EA	\$ -	\$ -	\$0	\$0	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
580	M101 TO M112	Wall Mounted Push Button HVAC	2	EA	\$ -	\$ -	\$0	\$0	
581	M101 TO M112	(18" X 18") Access Panel	1	EA	\$ -	\$ -	\$0	\$0	
582	M101 TO M112	Plenum	1	EA	\$ -	\$ -	\$0	\$0	
583	M101 TO M112	New Gas Meter / Regulator	1	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (HVAC)							\$0
DIVISION 26 - ELECTRICAL									
		PROPOSED WORK							
		LIGHTING							
584	E101 TO E702	Light Type A: Description: 1x4' Surface Mounted Led Lighting Plate: NL-3 Voltage: 120 V CCT: 3500 K	40	EA	\$ -	\$ -	\$0	\$0	
585	E101 TO E702	Light Type B: Description: 4' Led Strip Lighting Plate: NL-23 Voltage: 120 V CCT: 3500 K	60	EA	\$ -	\$ -	\$0	\$0	
586	E101 TO E702	Light Type C: Description: 4' Led Strip Lighting Plate: NL-23 Voltage: 120 V CCT: 3500 K	2	EA					
587	E101 TO E702	Light Type F: Description: 1x4' Surface Mounted Led Lighting Plate: NL-3 Voltage: 120 V CCT: 3500 K	416	EA	\$ -	\$ -	\$0	\$0	
588	E101 TO E702	Light Type G: Description: High Abuse Exterior Wall Sconce Lighting Plate: XL-10 Voltage: 120 V CCT: 4000 K	84	EA	\$ -	\$ -	\$0	\$0	
589	E101 TO E702	Light Type H: Description: 4' Vanity Led Lighting Plate: NL-7 Voltage: 120 V CCT: 3500 K	52	EA					
590	E101 TO E702	Light Type K: Description: Exterior Wall Sconce Lighting Plate: XL-10 Voltage: 120 V CCT: 4000 K	2	EA	\$ -	\$ -	\$0	\$0	
591	E101 TO E702	Light Type KE: Description: Exterior Wall Sconce W Emergency Battery Lighting Plate: XL-10 Voltage: 120 V CCT: 4000 K	1	EA					
592	E101 TO E702	Light Type L: Description: Wall Mounted Vapor Utility Led Voltage: 120 V CCT: 4000 K	38	EA	\$ -	\$ -	\$0	\$0	
593	E101 TO E702	Light Type M: Description: 1X4' Surface Mounted Led Lighting Plate: NL-3 Voltage: 120 V CCT: 3500 K	17	EA	\$ -	\$ -	\$0	\$0	
594	E101 TO E702	Light Type P: Description: 4' Led Strip With Gasketed Lens Lighting Plate: NL-22 Voltage: 120 V CCT: 3500 K	16	EA	\$ -	\$ -	\$0	\$0	
595	E101 TO E702	Light Type S: Description: Recessed Led Downlight Lighting Plate: NL-12 Voltage: 120 V CCT: 3500 K	104	EA					
596	E101 TO E702	Light Type EM: Description: Emergency Lighting Unit Lighting Plate: NL-26 Voltage: 120 V	44	EA	\$ -	\$ -	\$0	\$0	



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SCOPE: ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
597	E101 TO E702	Light Type X: Description: Exit Sign Lighting Plate: NL-28 Voltage: 120 V	18	EA	\$ -	\$ -	\$0	\$0	
	E101 TO E702	POWER							
598	E101 TO E702	(6"W x 4" D) Wire Basket Cable Tray	894.65	LF	\$ -	\$ -	\$0	\$0	
599	E101 TO E702	NEMA 5-20 R Quard Receptacle	9	EA					
600	E101 TO E702	Three - Pole Dimmer Swtich	6	EA	\$ -	\$ -	\$0	\$0	
601	E101 TO E702	Three - Pole Switch	60	EA	\$ -	\$ -	\$0	\$0	
602	E101 TO E702	Three -Way Switch Waterproof	6	EA	\$ -	\$ -	\$0	\$0	
603	E101 TO E702	Single Pole Switch	580	EA					
604	E101 TO E702	Motorized Damper Switch	45	EA	\$ -	\$ -	\$0	\$0	
605	E101 TO E702	Automatic Load Contrl Relay (UL924 Listed)	5	EA	\$ -	\$ -	\$0	\$0	
606	E101 TO E702	Telecom Wireless Access Point	104	EA					
607	E101 TO E702	Telecom Wireless Access Point Junction Box	10	EA	\$ -	\$ -	\$0	\$0	
608	E101 TO E702	Data Connection For Fire Alarm And Mass Notification Control Panel	1	EA					
609	E101 TO E702	Data Outlet	163	EA	\$ -	\$ -	\$0	\$0	
610	E101 TO E702	Disconnect Switch	40	EA	\$ -	\$ -	\$0	\$0	
611	E101 TO E702	Duplex Receptacle	1050	EA	\$ -	\$ -	\$0	\$0	
612	E101 TO E702	Duplex Receptacle Waterproof	16	EA					
613	E101 TO E702	Junction Box	4	EA	\$ -	\$ -	\$0	\$0	
614	E101 TO E702	NEMA 3R Pull Box	1	EA	\$ -	\$ -	\$0	\$0	
615	E101 TO E702	Dual Technology Motion Sensor	10	EA					
616	E101 TO E702	Telephone Backboard	1	EA	\$ -	\$ -	\$0	\$0	
617	E101 TO E702	SPD W/ 240 KA Rating Per Phase	2	EA					
618	E101 TO E702	7- Day Programmable Time Clock To Turn Lights Off W/ Seasonable Daylight Schedule	2	EA	\$ -	\$ -	\$0	\$0	
619	E101 TO E702	Mechanically Held 20/8, 8 Pole Lighting Contractor W/ 120/1 Coil	1	EA	\$ -	\$ -	\$0	\$0	
620	E101 TO E702	Mechanically Held 20/4, 4 Pole Lighting Contractor W/ 120/1 Coil	1	EA	\$ -	\$ -	\$0	\$0	
621	E101 TO E702	Photocell	1	EA					
622	E101 TO E702	Existing Wiring & Conduits (To Be Removed)	88364.27	SF	\$ -	\$ -	\$0	\$0	
	E101 TO E702	PANELS			\$ -	\$ -	\$0	\$0	
623	E101 TO E702	Typical Sleeping Room Panel As; -208V/1Phase 40/2MB	104	EA					
624	E101 TO E702	Panel DP1A As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
625	E101 TO E702	Panel DP1C As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA					
626	E101 TO E702	Panel DP2A As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
627	E101 TO E702	Panel DP2C As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	



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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
628	E101 TO E702	Panel DP2D As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
629	E101 TO E702	Panel DP2A As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA					
630	E101 TO E702	Panel DP2C As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
631	E101 TO E702	Panel DP2D As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
632	E101 TO E702	Panel H1 As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA					
633	E101 TO E702	Panel L1 As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
634	E101 TO E702	Panel M1A As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA					
635	E101 TO E702	Panel M1C As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
636	E101 TO E702	Panel M2A As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
637	E101 TO E702	Panel M2C As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
638	E101 TO E702	Panel M3A As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA					
639	E101 TO E702	Panel M3C As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
640	E101 TO E702	Panel MR As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
641	E101 TO E702	Switch Board MSB As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA					
642	E101 TO E702	Panel P1F As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
643	E101 TO E702	Panel P1G As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA					
644	E101 TO E702	Panel P2F As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
645	E101 TO E702	Panel P2G As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
646	E101 TO E702	Panel P3F As; -Volts: 120/208 WYE -Phases: 3 -Wires: 4	1	EA	\$ -	\$ -	\$0	\$0	
	E101 TO E702	TRANSFORMERS							

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
647	E101 TO E702	35kva 480 a- 208Y/120V Transformer	1	EA	\$ -	\$ -	\$0	\$0	
648	E101 TO E702	480/3 Phase 225 KVA Pad Mounted Transformer	1	EA	\$ -	\$ -	\$0	\$0	
649	E101 TO E702	New Loop Feed 500 KVA Pad Mounted Transformer	1	EA					
	E101 TO E702	<u>SITE PLAN</u>			\$ -	\$ -	\$0	\$0	
650	E101 TO E702	Existing Transformer (To Be Replaced)	1	EA					
651	E101 TO E702	2-Way, 4" Concrete-Encased Comm Duckbank For OSP Telecommunication Service ,Provide 12 Strand Single Mode OSP Fiber And 25 Pair PE-39 Copper W/ 3x3 Fabric Mesh	201.98	LF	\$ -	\$ -	\$0	\$0	
652	E101 TO E702	1" Conduit W/ Pull Wire	70.15	LF	\$ -	\$ -	\$0	\$0	
653	E101 TO E702	3-Way Junction Box	1	EA	\$ -	\$ -	\$0	\$0	
654	E101 TO E702	Underground,Medium Voltage Primary Feeder. (Provide 3- #2 EPR 15 KV Conductors, 133% Insulated, Type MV90 W/ # 2 600V Ground in 5" Conduits)	213.09	LF	\$ -	\$ -	\$0	\$0	
Subtotal (Electrical)									\$0
DIVISION 32 - EXTERIOR IMPROVEMENT									
		<u>DEMOLITION</u>							
		<u>Paths/ Apron</u>							
655	CD101	Remove Existing Concrete Path	6176.3	SF	\$ -	\$ -	\$0	\$0	
656	CD101	Remove Existing Concrete Apron	603.3	SF	\$ -	\$ -	\$0	\$0	
		<u>Pavement</u>							
657	CD101	Remove Existing Asphalt Pavement & Stone Base	51128.3	SF	\$ -	\$ -	\$0	\$0	
		<u>Curb & Gutter</u>							
658	CD101	Remove Existing Concrete Curb & Gutter	145.0	LF	\$ -	\$ -	\$0	\$0	
		<u>Piping</u>							
659	CD101	Remove Existing Storm Drain Piping	927.6	LF	\$ -	\$ -	\$0	\$0	
660	CD101	Remove Existing Domestic Water Services	17.3	LF	\$ -	\$ -	\$0	\$0	
661	CD102	Remove Existing Geothermal Return Piping	2935.5	LF	\$ -	\$ -	\$0	\$0	
662	CD102	Remove Existing Geothermal Supply Piping	1916.6	LF	\$ -	\$ -	\$0	\$0	
		<u>Services</u>							
663	CD101	Remove Existing Underground Electric Services	472.5	LF	\$ -	\$ -	\$0	\$0	
664	CD101	Remove Existing Underground Communications Services	419.2	LF	\$ -	\$ -	\$0	\$0	
665	CD101	Remove Existing Underground Hydronics Piping	236.5	LF	\$ -	\$ -	\$0	\$0	
666	CD101	Remove Existing Sewer Services	167.8	LF	\$ -	\$ -	\$0	\$0	
		<u>Trees & Shrubs</u>							
667	CD101	Remove Existing Trees & Shrubs	14.0	EA	\$ -	\$ -	\$0	\$0	
668	CD101	Allowance For Remove All Existing Ornamental Trees, Shrubs, Ground Cover, Edgings, Etc.	1.0	EA	\$ -	\$ -	\$0	\$0	
		<u>Bollard</u>							
669	CD101	Remove Existing Steel Bollard	1.0	EA	\$ -	\$ -	\$0	\$0	
		<u>Equipment's</u>							
670	CD101	Remove Existing Transform	1.0	EA	\$ -	\$ -	\$0	\$0	
671	CD101	Remove Existing Oil/ Water & Bollards	1.0	EA	\$ -	\$ -	\$0	\$0	
672	CD101	Remove Existing HVAC Chiller And Concrete Pad	1.0	EA	\$ -	\$ -	\$0	\$0	
673	CD101	Remove Existing Gyrothermal System Complete	1.0	EA	\$ -	\$ -	\$0	\$0	
		<u>Well System</u>							
674	CD102	Cap and Abandon-In-Place Existing Geothermal Well System	64.0	EA	\$ -	\$ -	\$0	\$0	
		<u>PROPOSED WORK</u>							
		<u>Apron</u>							
675	CS101	Concrete Apron - 8" Thick Concrete Apron - #5@12" O.C Each Way Reinforcement - 8" Thick ABC Stone Base	463.5	SF	\$ -	\$ -	\$0	\$0	
		<u>Curb Ramp</u>							
676	CS101	Concrete Curb Ramp - 4" Thick 4000 PSI Concrete Curb Ramp	59.9	SF	\$ -	\$ -	\$0	\$0	
		<u>Pavement</u>							
677	CS101	Asphalt Pavement - 1.5" Thick Asphalt Concrete Surface Course - Tack Coat - 2.5" Thick Asphalt Concrete Intermediate Course - 8" ABC Stone Base Course	51170.5	SF	\$ -	\$ -	\$0	\$0	
		<u>Sidewalk</u>							
678	CS101	Concrete Sidewalk - 4" Thick Concrete Sidewalk - 6x6 WWF 10/10 Reinforcement	5666.3	SF	\$ -	\$ -	\$0	\$0	
679	CS101	(12" x 12" x 1508 LF) Sidewalk Edge Thickening 'TE' - 2-#4 Continuous Bars Reinforcement	55.9	CY	\$ -	\$ -	\$0	\$0	
		<u>Bollard</u>							
680	CS101	Steel Bollard - (4".Dia & 3'-6" H) Schedule 40 Steel Pipe Filled with Concrete - Paint Safety Yellow - (18".Dia & 3'-6" H) Concrete Base	1.0	EA	\$ -	\$ -	\$0	\$0	

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PROJECT ID:

REPAIR BEO AS4211 - MARINE CORPS AIR STATION NEW RIVER

SCOPE:

ALL TRADES

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	LAB	MAT	UNIT COST	TOTAL COST	TRADE COST
		Road Signage							
681	CS101	Road Signage - 16 GA. 2x2 Galvanized Steel Tube with Permanent Weatherproof Cap - (8".Dia & 3'-4" H) Concrete Base	4.0	EA	\$ -	\$ -	\$0	\$0	
		Curb & Gutter							
682	CS101	Concrete Curb & Gutter - 24" x 12" Concrete Curb & Gutter - 6" x 6" Curb	59.6	LF	\$ -	\$ -	\$0	\$0	
		Joints							
683	CS101	Construction Joint 'CJ' - 1/8" x 1" Tooled Joint	40.7	LF	\$ -	\$ -	\$0	\$0	
684	CS101	Expansion Joint 'EJ' - 1/2" Thick Asphalt Impregnated Fiber Board	665.2	LF	\$ -	\$ -	\$0	\$0	
		Fence							
685	CS101	(7'-8" H) Ornamental Steel Picket Fencing with - 3'-0" Wide Metal Gates with Lockable Latch & Gate Keeper	80.2	LF	\$ -	\$ -	\$0	\$0	
		Fence Pier							
686	CS101	(1'-4" x 1'-4") Single Brick Pier (8'-4" H) with - 5" Thick Precast Concrete Cap	12.0	EA	\$ -	\$ -	\$0	\$0	
		LANE MARKING							
		Pavement Markings							
687	CS101	(4" Wide) Pavement Markings - Space Designation Line-White	2727.0	LF	\$ -	\$ -	\$0	\$0	
		Accessible Markings							
688	CS101	(4" Wide) Accessible Markings	519.0	LF	\$ -	\$ -	\$0	\$0	
		Signage							
689	CS101	Pavement Marking Signs	4.0	EA	\$ -	\$ -	\$0	\$0	
		SEDIMENT							
		Silt Fence							
690	CS101	Silt Fence - (6'-0" H) Self Anchoring Metal Post @8' O.C - 12 Guage 6"x6" Wire Mesh - Filter Fabric	1548.6	LF	\$ -	\$ -	\$0	\$0	
		Tree Protection							
691	CS101	Tree Protection Fence	69.7	LF	\$ -	\$ -	\$0	\$0	
		Drop Inlet Protection							
692	CD101	Drop Inlet Protection - 4 Each 5' Steel Post - NCDOT #57 Stone - 19 Gauge Hardware Cloth (1/2" Opening)	229.2	LF	\$ -	\$ -	\$0	\$0	
		Gravel Entrance							
693	CD101	Gravel Control Entrance - 6" Layer Of Coarse Aggregate (2"-3") Over 12" Layer of Stone Base Course	374.8	SF	\$ -	\$ -	\$0	\$0	
		Subtotal (Exterior Improvement)							\$0
DIVISION 33 - SITE UTILITIES									
		PIPING							
	CU101	DRAINAGE PIPE							
694	CU101	(10".Dia) Drainage Pipe	710	LF	\$ -	\$ -	\$0	\$0	
695	CU101	(6".Dia) Drainage Pipe	151	LF	\$ -	\$ -	\$0	\$0	
	CU101	SANITARY PIPE							
696	CU101	(4".Dia) Sanitary Pipe	45	LF	\$ -	\$ -	\$0	\$0	
	CU101	WATER MAIN LINE							
697	CU101	(4".Dia) Water Main Line	68	LF	\$ -	\$ -	\$0	\$0	
	CU101	GAS PIPE							
698	CU101	Gas Pipe	158	LF	\$ -	\$ -	\$0	\$0	
	CU101	FITTINGS							
699	CU101	(8" x 4") Tee	1	EA	\$ -	\$ -	\$0	\$0	
700	CU101	(4".Dia) Valve	1	EA	\$ -	\$ -	\$0	\$0	
701	CU101	(8" x 4") Saddle & Wye	1	EA	\$ -	\$ -	\$0	\$0	
	CU101	FIXTURES							
	CU101	CLEANOUTS							
702	CU101	(10".Dia) Clean Out	10	EA	\$ -	\$ -	\$0	\$0	
703	CU101	(6".Dia) Drainage Pipe Cap	22	EA	\$ -	\$ -	\$0	\$0	
		Subtotal (Site Utilities)							\$0
SUBTOTAL									\$0
OVERHEAD & PROFIT			20%						\$0
INSURANCE			3%						\$0
CONTINGENCY			7%						\$0
TOTAL BASE BID									\$0
Note:									