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# BID RFI 5 - ENLARGED STAGE A PLAN

1/4" = 1'-0"



10 N. Post Street, Suite 500  
Spokane, WA 99201  
ph 509.328.2994  
www.coffman.com

project	SAMUEL MAHELONA MEMORIAL HOSPITAL EMERGENCY DEPT	by	HM	sheet no.	SKE-01
location	4800 KAWAIHAU RD, SUITE D, KAPA'A, HI 96746	date	04/07/2026	job no.	
client	SAMUEL MAHELONA MEMORIAL HOSPITAL	checked	CB	date	04/07/2026
BID RFI RESPONSES					

SMMH ED

PANEL SCHEDULE

REVISED PANEL: E SEC1 (R)

253149

Location: Feed Through: E SEC2 Source: MSB-2

Ckt	Load Description	Phase	Amp	Poles	Notes	Rec.	Ltg.	Kit.	Mtr.	Htg.	Clg.	Cont.	Non.	Total	Specifications
1	LTG - CIRCULATION 116 117	A	20	1			1.13							1.13	
3	LTG - STAGE B AREA & Efs	B	20	1			1.35		0.22					1.57	Rating (Amps): 225
5	RECEPT - EMER 127 128	C	20	1		0.54								0.54	Voltage (L-L): 208
7	RECEPT - ALL 1-2	A	20	1		0.54								0.54	Phase: 3
9	RECEPT - ALL 1-2	B	20	1		0.72								0.72	Wire: 4
11	RECEPT - ALL 2-2	C	20	1		0.54								0.54	Bus Material: Cu
13	RECEPT - ALL 2-2	A	20	1		0.72								0.72	Int. Rating: 10,000A
15	RECEPT - TREATMENT 115-2	B	20	1		0.54								0.54	
17	RECEPT - TREATMENT 115-2	C	20	1		0.72								0.72	Main Lugs Only: X
19	RECEPT - ANTERM-2, TLT-2	A	20	1		0.72								0.72	Main Ckt Brkr: -
21	RECEPT - NURSE STA 117	B	20	1		0.36								0.36	
23	RECEPT - NURSE STA 117	C	20	1		0.72								0.72	Surface Mtd: -
25	RECEPT - NURSE STA 117	A	20	1		0.72								0.72	Flush Mtd: X
27	RECEPT - NURSE STA 117	B	20	1		0.72								0.72	
29	RECEPT - NURSE STA 117	C	20	1		0.72								0.72	Bonded Gnd: -
31	RECEPT - NURSE STA 117	A	20	1		1.08								1.08	Isolated Gnd: -
33	CRASH CART - TRAUMA-2	B	20	1									0.50	0.50	200% Neutral: -
35	DDC - MECH	C	20	1									0.10	0.10	Feed Thru: X
37	RECEPT - CIRCULATION 116	A	20	1		1.08								1.08	Double Lug: -
39	WATER COOLER	B	20	1									0.50	0.50	Top Feed: -
41	DOOR OPENER	C	20	1									0.20	0.20	Bottom Feed: -

2	RECEPT - WAITING-2	A	20	1		0.72								0.72	
4	RECEPT - WAITING-2	B	20	1		0.72								0.72	
6	RECEPT - PARS-2	C	20	1		0.90								0.90	Feed Thru Load:
8	RECEPT - NOURISH-2	A	20	1		0.54								0.54	E SEC2
10	REF - NOURISH-2	B	20	1									0.83	0.83	Phase A: 8.27
12	ERC-1	C	20	1									0.20	0.20	Phase B: 10.70
14	CONTROL PANEL - NOURISH-2	A	20	1									0.10	0.10	Phase C: 10.67
16	MGA-2 -MED GAS ALARM	B	20	1									0.10	0.10	Total Conn.: 29.64
18	ERC-2	C	20	1									0.20	0.20	Load From This Panel:
20	RECEPT - SPACE 3	A	20	1		0.54								0.54	Phase A: 9.27
22	RECEPT - TREATMENT 113-2	B	20	1		0.54								0.54	Phase B: 9.36
24	RECEPT - TREATMENT 113-2	C	20	1		0.54								0.54	Phase C: 7.20
26	RECEPT - TREATMENT 112-2	A	20	1		0.54								0.54	Total Conn.: 25.83
28	RECEPT - TREATMENT 112-2	B	20	1		0.54								0.54	Total Connected Load:
30	RECEPT - TRAUMA-2 111-2	C	20	1		0.72								0.72	Phase A: 17.54
32	RECEPT - TRAUMA-2 111-2	A	20	1		0.54								0.54	Phase B: 20.06
34	RECEPT - TRAUMA-2 111-2	B	20	1		0.72								0.72	Phase C: 17.87
36	CONTROL PANEL	C	20	1									0.10	0.10	Total Conn.: 55.47
38	ROOM PRESSURE MONITOR	A	20	1									0.30	0.30	Total Feeder Demand Load:
40	VENDING MACHINE	B	20	1									1.00	1.00	Total: 54.34 KVA
42	VENDING MACHINE	C	20	1									1.00	1.00	Avg. Amps/Phase: 151 A.

CATEGORY	TOTAL CONN. LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)	General Notes:
Receptacles	18.00	50% > 10KVA	14.00	Keyed Notes:
Lighting	2.48	125%	3.10	
Kitchen Equipment		NEC 220.56		
Motors (Largest)	9.00	125%	11.25	
Motors	14.52	100%	14.52	
Heating		NEC 220.60		
Cooling		NEC 220.60		
Continuous Load		125%		
Non-Continuous Load	11.47	100%	11.47	
TOTAL	55.47		54.34	

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SKE-02

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