

PROJECT ID:
ADDRESS
SCOPE:

HOLIDAY INN EXPRESS HOTEL & SUITES
ROEMER COURT SANTA MARIA, CALIFORNIA
HVAC



CLIENT'S INFORMATION:
CONTACT:
E-MAIL ADDRESS:
PHONE NUMBER:
Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	WSTG	QUANTITY w/ WASTAGE	UNIT COST (Material)	UNIT COST (Labor)	TOTAL COST (Labor + Material)	TRADE COST
GENERAL REQUIREMENTS										
1		Supervision	1	LS	0%	1	\$-	\$-	\$-	
2		Permits	1	LS	0%	1	\$-	\$-	\$-	
3		Final Clean-up	1	LS	0%	1	\$-	\$-	\$-	
4		Mobilization Costs	1	LS	0%	1	\$-	\$-	\$-	
5		Bonds	1	LS	0%	1	\$-	\$-	\$-	
6		Temporary Control & Facilities	1	LS	0%	1	\$-	\$-	\$-	
7		Mobile Scaffolding/ Lift	1	SF	0%	1	\$-	\$-	\$-	
Subtotal (General Requirements)										\$0

DIVISION 23- HEATING, VENTILATING & AIR-CONDITIONING										
DUCTWORK										
SQUARE DUCT <i>Material: Sheet Metal Duct</i>										
8		8x8 Duct	62	LF	10%	69	\$18.00	\$10.00	\$1,918	
9		10x10 Duct	143	LF	10%	157	\$20.00	\$12.00	\$5,034	
10		12x12 Duct	409	LF	10%	450	\$22.00	\$12.00	\$15,283	
11		24x24 Duct	3	LF	10%	3	\$34.00	\$14.00	\$139	
RECTANGULAR DUCT <i>Material: Sheet Metal Duct</i>										
12		8x10 Duct	45	LF	10%	50	\$19.00	\$10.00	\$1,436	
13		12x6 Duct	98	LF	10%	107	\$20.00	\$12.00	\$3,432	
14		12x10 Duct	25	LF	10%	28	\$21.00	\$12.00	\$913	
15		14x8 Duct	7	LF	10%	8	\$21.00	\$12.00	\$255	
16		14x10 Duct	16	LF	10%	18	\$22.00	\$12.00	\$602	
17		14x12 Duct	15	LF	10%	16	\$23.00	\$12.00	\$560	
18		16x8 Duct	10	LF	10%	11	\$22.00	\$12.00	\$361	
19		16x10 Duct	22	LF	10%	24	\$23.00	\$12.00	\$847	
20		18x10 Duct	3	LF	10%	4	\$23.00	\$12.00	\$124	
21		18x12 Duct	13	LF	10%	14	\$24.00	\$12.00	\$521	
22		18x16 Duct	14	LF	10%	15	\$26.00	\$12.00	\$586	
23		20x14 Duct	9	LF	10%	10	\$27.00	\$12.00	\$371	
24		48x10 Duct	6	LF	10%	7	\$40.00	\$14.00	\$374	
25		48x12 Duct	45	LF	10%	49	\$41.00	\$14.00	\$2,696	
ROUND DUCT <i>Material: Sheet Metal Duct</i>										
26		4" Dia Duct	754	LF	10%	830	\$14.00	\$10.00	\$19,916	
27		6" Dia Duct	126	LF	10%	139	\$16.00	\$10.00	\$3,610	
28		8" Dia Duct	324	LF	10%	356	\$18.00	\$10.00	\$9,965	
29		10" Dia Duct	17	LF	10%	19	\$20.00	\$12.00	\$609	
30	M-1,	12" Dia Duct	35	LF	10%	38	\$22.00	\$12.00	\$1,293	
31	M-2, M-3, M-4, M-5	14" Dia Duct	80	LF	10%	88	\$24.00	\$12.00	\$3,169	
CONNECTIONS										
32		Bevelled Junction	60	EA	0%	60	\$60.00	\$40.00	\$6,000	
33		90 Degree Elbow	118	EA	0%	118	\$35.00	\$25.00	\$7,080	
34		90 Degree Elbow w/ Turning Vanes	17	EA	0%	17	\$35.00	\$25.00	\$1,020	
35		45 Degree Elbow	2	EA	0%	2	\$30.00	\$20.00	\$100	
36		Duct Transition	16	EA	0%	16	\$60.00	\$40.00	\$1,600	
INSULATION										
37		Blanket Or Ductwrap Insulation	2119	LF	10%	2331	\$1.10	\$0.90	\$4,662	
AIR DEVICES										
38		CD1: 24x24 Diffuser - Titus TDC	17	EA	0%	17	\$350.00	\$150.00	\$8,500	
39		CD2: 12x12 Diffuser - Titus MCD	8	EA	0%	8	\$300.00	\$150.00	\$3,600	
40		RG1: 22x10 Return Grille - Titus 50F	4	EA	0%	4	\$350.00	\$150.00	\$2,000	
41		RG1: 22x22 Return Grille - Titus 50F	5	EA	0%	5	\$350.00	\$150.00	\$2,500	
42		TG1: 22x10 Return Grille - Titus 50F	1	EA	0%	1	\$350.00	\$150.00	\$500	
43		RG2: 16x16 Return Grille - Titus 350RL	1	EA	0%	1	\$300.00	\$150.00	\$450	
44		RG2: 18x10 Return Grille - Titus 350RL	1	EA	0%	1	\$300.00	\$150.00	\$450	
45		RG2: 20x20 Return Grille - Titus 350RL	1	EA	0%	1	\$350.00	\$150.00	\$500	
46		RG2: 10x10 Return Grille - Titus 350RL	1	EA	0%	1	\$300.00	\$150.00	\$450	
47		SG: 12x6 Supply Grille - Titus 271RL	11	EA	0%	11	\$300.00	\$150.00	\$4,950	
48		EG: 8x8 Exhaust Grille - Titus 355FL	8	EA	0%	8	\$300.00	\$150.00	\$3,600	

49	EG: 24x24 Exhaust Grille - Titus 355FL	1	EA	0%	1	\$350.00	\$150.00	\$500
50	RG3: 36x24 Return Grille - Titus 355FL	1	EA	0%	1	\$350.00	\$150.00	\$500
51	SG2: 12x6 Sidewall Grille - Titus 301FL	12	EA	0%	12	\$300.00	\$150.00	\$5,400
	LOUVER							
52	L-1: 36x36 Louver - Greenheck ESD-635	1	EA	0%	1	\$350.00	\$150.00	\$500
53	L-2: 24x24 Louver - Greenheck ESD-635	1	EA	0%	1	\$350.00	\$150.00	\$500
	ELECTRIC HEATER							
54	EH-1: Electric Heater, 15.75 x 4 x 19.5 Inch - Qmark LFK151F	1	EA	0%	1	\$3,000.00	\$500.00	\$3,500
	HEAT RECOVERY UNIT							
55	HRU-1,2: 19" x 31.25" x 8.5" Heat Recovery Unit, 60 Lbs - LG PRHR063A	2	EA	0%	2	\$3,500.00	\$500.00	\$8,000
	HEAT PUMP							
56	VRF-1: 30" x 49" x 66.5" Heat Pump, 639 Lbs - ARUM144BTE5	1	EA	0%	1	\$1,500.00	\$500.00	\$2,000
57	HP-1: 15.5" x 40" x 32.8" Heat Pump, 148 Lbs - LSU363HLV3	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
58	HP-2: 15.5" x 40" x 32.8" Heat Pump, 55 Lbs - LSU120HEV2	1	EA	0%	1	\$1,000.00	\$500.00	\$1,500
	ENERGY RECOVERY VENTILATOR							
59	ERV-1,2: 46.1" x 33.7" x 40.2" Energy Recovery Ventilator, 248 Lbs - GreenHeck ERV-10-20L-VG	2	EA	0%	2	\$5,000.00	\$500.00	\$11,000
	DEHUMIDIFIER							
60	DH-1: Electric Type Dehumidifier, 820 Lbs - Dectron DS-020-PV-I-A3NT120E5C2AN0H	1	EA	0%	1	\$5,500.00	\$500.00	\$6,000
	CONDENSING UNIT							
61	CU-1: Condensing Unit, 90 Lbs - Dectron NC-B-1V	1	EA	0%	1	\$2,500.00	\$500.00	\$3,000
	PACKAGE TERMINAL HEAT PUMP							
62	PTHP-1: Package Terminal Heat Pump, 102 Lbs - Amana PTH093J15A	105	EA	0%	105	\$1,200.00	\$500.00	\$178,500
	EXHAUST FAN							
63	EF-1: Exhaust Fan, 13 Lbs - Cook GC126	94	EA	0%	94	\$300.00	\$150.00	\$42,300
64	EF-2: Exhaust Fan, 13 Lbs - Cook GC126	4	EA	0%	4	\$300.00	\$150.00	\$1,800
65	EF-3: Exhaust Fan, 90 Lbs - Twin City Fans HA (Size 12)	1	EA	0%	1	\$350.00	\$150.00	\$500
66	EF-4: Exhaust Fan, 29 Lbs - Green Heck G-090-VG	5	EA	0%	5	\$300.00	\$150.00	\$2,250
67	EF-5: Exhaust Fan, 28 Lbs - Green Heck G-080-D	7	EA	0%	7	\$300.00	\$150.00	\$3,150
68	EF-6: Exhaust Fan, 38 Lbs - Green Heck G-097-VG	4	EA	0%	4	\$300.00	\$150.00	\$1,800
69	EF-7: Exhaust Fan, 38 Lbs - Green Heck G-097-VG	1	EA	0%	1	\$300.00	\$150.00	\$450
	FAN COIL UNIT							
70	FC-1: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU123M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
71	FC-2: 27.5" x 50.5" x 11" Fan Coil Unit, 96 Lbs - LG Electronics ARNU283M34A	1	EA	0%	1	\$1,300.00	\$500.00	\$1,800
72	FC-3: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU153M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
73	FC-4: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU243M34A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
74	FC-5: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU183M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
75	FC-6: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU183M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
76	FC-7: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU183M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
77	FC-8: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU093M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
78	FC-9: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU073M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
79	FC-10: 27.5" x 50.5" x 11" Fan Coil Unit, 83 Lbs - LG Electronics ARNU093M24A	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
80	FC-11: Fan Coil Unit, 41 Lbs - LG Electronics LSN363HLV3	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
81	FC-12: Fan Coil Unit, 19.2 Lbs - LG Electronics LSN120HEV2	1	EA	0%	1	\$1,200.00	\$500.00	\$1,700
	MISC. FIXTURES							
82	Balancing Damper	64	EA	0%	64	\$200.00	\$100.00	\$19,200
83	Fire Smoke Damper	17	EA	0%	17	\$210.00	\$100.00	\$5,270

84	Motorized Damper	1	EA	0%	1	\$210.00	\$100.00	\$310	
85	Thermostat	113	EA	0%	113	\$150.00	\$100.00	\$28,250	
86	Heat Sensor	2	EA	0%	2	\$200.00	\$100.00	\$600	
Subtotal (Heating, Ventilating & Air-Conditioning)									\$470,955

SUBTOTAL									\$470,955.34
OVERHEAD/PROFIT		15%							\$70,643.30
INSURANCE		5%							\$23,547.77
CONTINGENCY		7%							\$32,966.87
TOTAL BASE BID									\$598,113.29

Note: (If require, you can change **OVERHEAD/PROFIT** percentage in Blue Column, 15%-25%)
 (If require, you can change **INSURANCE** percentage Blue Column, 3%-5%)
 Prices can be changed based on field circumstances.

PRIMAGE ESTIMATING