

PROJECT ID: TJ Maxx
 8525 N Rockwell Ave. Oklahoma City, OK 73132
 SCOPE: MEP



COMPANY INFORMATION: USA CONSTRUCTION ESTIMATING
 CONTACT: +1 760 814 9551
 E-MAIL ADDRESS: info@usaconstructionestimating.com
 PHONE NUMBER:
 Date:

ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
GENERAL REQUIREMENTS									
1		Supervision	1	LS			\$0	\$0	
2		Permits	1	LS			\$0	\$0	
3		Final Clean-up	1	LS			\$0	\$0	
4		Mobilization Costs	1	LS			\$0	\$0	
5		Project Overheads	1	LS			\$0	\$0	
6		Bonds	1	LS			\$0	\$0	
7		Temporary Control & Facilities	1	LS			\$0	\$0	
Subtotal (General Requirements)									\$0
DIVISION 22- PLUMBING									
P1 Plumbing Plan									
8		Spill Condensate Waste on to Splash Block on Roof at Each RTU	9	EA	\$1,000.0	\$500.0	\$1,500.0	\$13,500	
9		Water Heater (P-10) Manufacturer: State Model: PCE-20-10MSA	1	EA	\$1,500.0	\$500.0	\$2,000.0	\$2,000	
10		Contractor Shall Provide and Install Maxitrol #325 Series 2 PSI Medium Regulator	10	EA	\$300.0	\$150.0	\$450.0	\$4,500	
11		Contractor Shall Provide New 1-1/2" Medium Pressure (2 PSI) Natural Gas Service to Tenants Space from Remote Meter	1	EA	\$200.0	\$100.0	\$300.0	\$300	
12		Pressure Reducing Valve	10	EA	\$220.0	\$100.0	\$320.0	\$3,200	
13		Check Valve	11	EA	\$22.0	\$100.0	\$122.0	\$1,342	
14		1-1/4" Gas Line	135	LF	\$7.0	\$3.0	\$10.0	\$1,355	
15		1" Gas Line	5	LF	\$7.0	\$3.0	\$10.0	\$52	
16		3/4" Gas Line	304	LF	\$6.0	\$3.0	\$9.0	\$2,734	
P2 Plumbing Details									
17		Water Heater (P-10) Manufacturer: State Model: PCE-20-10MSA	1	EA	\$1,500.0	\$500.0	\$2,000.0	\$2,000	
18		Thermostat Mixing Valve Manufacturer: Symmons Model: 7-225-CK-MS	5	EA	\$220.0	\$100.0	\$320.0	\$1,600	
19		Trap Primer (TP) Manufacturer: P.P.P No: P2-500	1	EA	\$150.0	\$100.0	\$250.0	\$250	
20		MOP Sink (MS) Manufacturer: Mustee Model No: #63M	1	EA	\$800.0	\$400.0	\$1,200.0	\$1,200	
21		Floor Drain Manufacturer: J.R. Smith No:2005	3	EA	\$300.0	\$100.0	\$400.0	\$1,200	
22		Electric Water Cooler Manufacturer: OASIS No:PG8EBFSL	1	EA	\$1,500.0	\$500.0	\$2,000.0	\$2,000	
23		Floor Cleanout Manufacturer: J.R. Smith Model: 4020 Series	1	EA	\$300.0	\$150.0	\$450.0	\$450	
24		Counter Sink Manufacturer: Elkay Model: Lrad 172055	1	EA	\$800.0	\$400.0	\$1,200.0	\$1,200	
25		Water Closet (WC) Manufacturer: American Standard Model No: 2257-101	3	EA	\$700.0	\$300.0	\$1,000.0	\$3,000	
26		Wall Mounted Handi-Cap Accessible Urinal With Carrier and Battery Powered Flush Valve	1	EA	\$550.0	\$250.0	\$800.0	\$800	
27		Emergency Eye Wash Manufacturer: Guardian Model: G1814	1	EA	\$600.0	\$300.0	\$900.0	\$900	
28		Lavatory (LAV) Manufacturer: American Standard Model No: 0476.028	4	EA	\$750.0	\$300.0	\$1,050.0	\$4,200	
29		Wall Clean Out	1	EA	\$250.0	\$100.0	\$350.0	\$350	
30		4" Service Sink Line	18	LF	\$10.0	\$4.0	\$14.0	\$248	
31		3" Service Sink Line	33	LF	\$9.0	\$4.0	\$13.0	\$435	
32		2" Vent Line	21	LF	\$8.0	\$4.0	\$12.0	\$250	
33		3" Vent Line	7	LF	\$9.0	\$4.0	\$13.0	\$88	
34		3/4" Hot Water Supply Line	34	LF	\$6.0	\$3.0	\$9.0	\$307	
35		1-1/2" Cold Water Pipe Line	29	LF	\$7.0	\$3.0	\$10.0	\$291	
Subtotal (Plumbing)									\$49,752
DIVISION 23- HEATING, VENTILATING & AIR-CONDITIONING									
M1 Mechanical Plan									
36		Roof Top Unit (RTU-3) Manufacturer: York Unit Model: AV15N	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
37		Roof Top Unit (RTU-1) Manufacturer: York Unit Model: ZJ150N 12.5 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
38		Roof Top Unit (RTU-2) Manufacturer: York Unit Model: AV15N 15 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	

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39		Roof Top Unit (RTU-4) Manufacturer: York Unit Model: ZJ102N 8.5 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
40		Roof Top Unit (RTU-5) Manufacturer: York Unit Model: ZJ102N 8.5 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
41		Roof Top Unit (RTU-6) Manufacturer: York Unit Model: ZT037N 3 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
42		Roof Top Unit (RTU-7) Manufacturer: York Unit Model: ZT049N 4 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
43		Roof Top Unit (RTU-8) Manufacturer: York Unit Model: ZT049N 4 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
44		Roof Top Unit (RTU-9) Manufacturer: York Unit Model: ZT037N 3 Ton	1	EA	\$7,000.0	\$2,000.0	\$9,000.0	\$9,000.0	
45		Electric Ceiling Heater (ECH-1) Manufacturer: QMARK Model: EFF3007	1	EA	\$3,000.0	\$500.0	\$3,500.0	\$3,500.0	
46		Gas Unit Heater (UH-1) Manufacturer: Sterling Model: XF200	1	EA	\$1,500.0	\$500.0	\$2,000.0	\$2,000.0	
47		Drop Box Diffuser (DB-1) Manufacturer: AES Mechanical Model ADB1-15-4	2	EA	\$300.0	\$150.0	\$450.0	\$900.0	
48		Drop Box Diffuser (DB-2) Manufacturer: AES Mechanical Model ADB1-15-4	2	EA	\$300.0	\$150.0	\$450.0	\$900.0	
49		Circulation Fan (CF-1) Manufacturer: TPI Model Cacu 24W (24")	1	EA	\$300.0	\$150.0	\$450.0	\$450.0	
50		Circulation Fan (CF-3) Manufacturer: TPI Model Cacu 24W (24")	1	EA	\$300.0	\$150.0	\$450.0	\$450.0	
51		Circulation Fan (CF-2) Manufacturer: TPI Model Cacu 24W (24")	1	EA	\$300.0	\$150.0	\$450.0	\$450.0	
52		24x24 Grille (SD-1) Manufacturer: Tuttle & Bailey Type: S-1200	22	EA	\$300.0	\$150.0	\$450.0	\$9,900.0	
53		24x24 Grille (SD-2) Manufacturer: Tuttle & Bailey Type: S-1200	2	EA	\$300.0	\$150.0	\$450.0	\$900.0	
54		20x10 Grille (SR-1) Manufacturer: Tuttle & Bailey Type: T64	6	EA	\$300.0	\$150.0	\$450.0	\$2,700.0	
55		14x8 Grille (SR-2) Manufacturer: Tuttle & Bailey Type: T64	4	EA	\$300.0	\$150.0	\$450.0	\$1,800.0	
56		24x24 Grille (R-1) Manufacturer: Tuttle & Bailey Type: CRE500 Provide SxR Adaptor	13	EA	\$300.0	\$150.0	\$450.0	\$5,850.0	
57		30x16 Grille (R-2) Manufacturer: Tuttle & Bailey Type: T70D	4	EA	\$300.0	\$150.0	\$450.0	\$1,800.0	
58		24x8 Grille (R-3) Manufacturer: Tuttle & Bailey Type: T70D	3	EA	\$300.0	\$150.0	\$450.0	\$1,350.0	
59		24x24 Grille (R-4) Manufacturer: Tuttle & Bailey Type: T70D	4	EA	\$300.0	\$150.0	\$450.0	\$1,800.0	
60		Exhaust Fan-3 Manufacturer: Pennbarry Model: DX10R	1	EA	\$300.0	\$150.0	\$450.0	\$450.0	
61		Exhaust Fan-2 Manufacturer: Pennbarry Model: DX10R	1	EA	\$300.0	\$150.0	\$450.0	\$450.0	
62		Exhaust Fan-1 Manufacturer: Pennbarry Model: DX11Q	1	EA	\$300.0	\$150.0	\$450.0	\$450.0	
63		Exhaust Fan-4 Manufacturer: Pennbarry Model: DX11R	1	EA	\$300.0	\$150.0	\$450.0	\$450.0	
64		Photo Electric Smoke Detector	8	EA	\$150.0	\$100.0	\$250.0	\$2,000.0	
65		Grille	4	EA	\$300.0	\$150.0	\$450.0	\$1,800.0	
66		Supply Air Diffuser	7	EA	\$300.0	\$150.0	\$450.0	\$3,150.0	
67		Return Air Diffuser	7	EA	\$300.0	\$150.0	\$450.0	\$3,150.0	

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DIVISION 26- ELECTRICAL									
E2 Power Plan									
Power Plan									
90		Duplex Receptacle	60	EA	\$150.0	\$100.0	\$250	\$15,000	
91		Junction Box	35	EA	\$150.0	\$100.0	\$250	\$8,750	
92		Quadruplex Receptacle with Isolated Ground	11	EA	\$150.0	\$100.0	\$250	\$2,750	
93		Blanked Outlet With 3/4" EMT Run Up Wall	24	EA	\$150.0	\$100.0	\$250	\$6,000	
94		Phone Data Jack	10	EA	\$150.0	\$100.0	\$250	\$2,500	
95		Data Outlet	6	EA	\$150.0	\$100.0	\$250	\$1,500	
96		Provide 277V 1P/20 Amp Disconnect	5	EA	\$200.0	\$100.0	\$300	\$1,500	
97		Duplex Convenience Outlet	10	EA	\$150.0	\$100.0	\$250	\$2,500	
98		Provide NEMA 3R Disconnect	10	EA	\$200.0	\$100.0	\$300	\$3,000	
99		Dedicated Duplex Receptacle	4	EA	\$150.0	\$100.0	\$250	\$1,000	
100		Electric Strike	2	EA	\$150.0	\$100.0	\$250	\$500	
101		Thermostat	1	EA	\$150.0	\$100.0	\$250	\$250	
102		Dedicated Quadruplex Receptacle	1	EA	\$150.0	\$100.0	\$250	\$250	
103		Compactor Disconnect	2	EA	\$200.0	\$100.0	\$300	\$600	
104		Bell With Low Voltage Transformer	2	EA	\$4,000.0	\$500.0	\$4,500	\$9,000	
105		Low Voltage Wiring Conduit + Junction Box	1	EA	\$150.0	\$100.0	\$250	\$250	
106		Bell With Low Voltage Transformer	3	EA	\$4,000.0	\$500.0	\$4,500	\$13,500	
107		Switch	5	EA	\$70.0	\$50.0	\$120	\$600	
108		Push Button	2	EA	\$120.0	\$80.0	\$200	\$400	
109		Duplex Receptacle GFCI	4	EA	\$150.0	\$100.0	\$250	\$1,000	
110		Quadruplex Outlet	2	EA	\$150.0	\$100.0	\$250	\$500	
111		Duplex Receptacle W/ Isolated Ground	2	EA	\$150.0	\$100.0	\$250	\$500	
112		Dedicated Single Receptacle	1	EA	\$150.0	\$100.0	\$250	\$250	
113		Weather Proof Push Button	1	EA	\$120.0	\$80.0	\$200	\$200	
114		Plug Molding	14	LF	\$4.0	\$3.0	\$7	\$95	
115		Allowances for Conduit & Wiring	21000	SF	\$1.0	\$1.0	\$2	\$42,000	
E1 Lighting Plan									
116		Pendant LED (A4) Manufacturer: Acuity (Lithonia) Specification Number: CA01N 165L 277 E21 LP830 CS78WL20 (277V) CA01N 165L 120 E21 LP930 CS 16WL20 (120V)	79	EA	\$300.0	\$150.0	\$450	\$35,550	
117		2'x4' Recessed LED (A) Manufacturer: Acuity (Lithonia) Specification Number: 2ESL4 48L E21 LP835 NATJ	37	EA	\$300.0	\$150.0	\$450	\$16,650	
118		2'x4' Recessed LED Emergency (NL)(A) Manufacturer: Acuity (Lithonia) Specification Number: 2ESL4 48L E21 LP835 NATJ	1	EA	\$300.0	\$150.0	\$450	\$450	
119		Pendant LED Emergency (NL) (A4) Manufacturer: Acuity (Lithonia) Specification Number: CA01N 165L 277 E21 LP830 CS78WL20 (277V) CA01N 165L 120 E21 LP930 CS 16WL20 (120V)	12	EA	\$300.0	\$150.0	\$450	\$5,400	
120		Surface LED (R) Manufacturer: Acuity (Lithonia) Specification No: ELM2L	41	EA	\$300.0	\$150.0	\$450	\$18,450	
121		Wall Mounted (E) Manufacturer: Acuity (Lithonia) Specification No: LHQM-LED-R-120/277	8	EA	\$300.0	\$150.0	\$450	\$3,600	
122		2'X4' Recessed LED (D) Manufacturer: Acuity (Lithonia) Specification No: 2ESL4 F 48L E21 LP835 NATJ	4	EA	\$300.0	\$150.0	\$450	\$1,800	
123		Wall Mounted LED (L) Manufacturer: Easton (Surelite) Specification No: LDWP-GL-48-ED-EMLED-CD	3	EA	\$300.0	\$150.0	\$450	\$1,350	
124		2'x2' Recessed LED (O7) Manufacturer: Acuity (Lithonia) Specification No: 2RTL2 20L E21 LP830	24	EA	\$300.0	\$150.0	\$450	\$10,800	
125		Track LED (T5B) Manufacturer: Spectrum Specification No: STT PC40L 30K WD E1 CTC HL MW WHITE	37	EA	\$300.0	\$150.0	\$450	\$16,650	
126		Wall Mounted LED (L1) Manufacturer: Eaton (Surelite) Specification No: LDWP-GL-4B-ED	14	EA	\$300.0	\$150.0	\$450	\$6,300	
127		Recessed LED Emergency Battery Pack (K3) Manufacturer: Spectrum Specification No: NC12SQLEDOA22L40KE(x)/FT0112MWFO	2	EA	\$300.0	\$150.0	\$450	\$900	
128		Recessed LED (K3) Manufacturer: Spectrum Specification No: NC12SQLEDOA22L40KE(x)/FT0112MWFO	4	EA	\$300.0	\$150.0	\$450	\$1,800	
129		Surface LED (S) Manufacturer: Eaton Specification No: ENV-SA1-E-740-U-SL3-GM	4	EA	\$300.0	\$150.0	\$450	\$1,800	
130		Track LED (T4L) Manufacturer: Philips/Contech Specification No: CT-603-P (Lamp Holder), 435362 (Philips Lamp)	90	EA	\$300.0	\$150.0	\$450	\$40,500	

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ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST	TOTAL COST	TRADE COST
SUBTOTAL									\$648,498.80
OVERHEAD			15%						\$97,274.82
INSURANCE			3%						\$19,454.96
CONTINGENCY			5%						\$32,424.94
TOTAL BASE BID									\$797,653.52

Note: