

1	TABLE OF CONTENTS MEP BIDDERS <small>(Rev 6/2021)</small>		
2			
3			
4	Division Project No. 2011U		
5	VOLUME 1		
6			
7	DIVISION 01 - MEP BIDDING REQUIREMENTS		Pages Thru
8	TITLE PAGE		1
9	TABLE OF CONTENTS		TC-4
10			
11	MEP BIDDING REQUIREMENTS		
12	MEP Invitation to Bid		A-2
13	MEP Instructions to Bidders		B-10
14	Bid Form – Mechanical, Electrical, Plumbing, and Fire Protection (MEP)		C-6
15	Sealed Bid Envelope Label		1
16	Mechanical Electrical Plumbing and Fire Protection (MEP) Bid Bond Form (DOA-4189)		BB-1
17	Designation of Confidential and Proprietary Information Form (DOA-3027)		1
18			
19	DIVISION 01		
20	General Requirements		GR-13
21	01 33 00 Electronic Submittal Procedures		01 33 00-6
22	01 74 19 Construction Waste Management		01 74 19-3
23	01 91 01 Commissioning Process		01 91 01-4
24			
25			
26	APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT		
27	DOCUMENTS		
28	Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)		2
29	Request for Submittal Approval (DOA-4523)		1
30	Request for Subcontractors Approval (DOA-4225)		1
31			
32	CONTRACT FORMS		
33	Performance Bond Form (DOA-4188)		2
34	Payment Bond Form (DOA-4187)		2
35	Contract Form (DOA-4504)		2
36			
37	CONDITIONS OF THE CONTRACT		
38	General Conditions of the General Prime Contractor Contract (DOA-4193P)		34
39	Supplementary General Conditions		SGC-1
40	Submittal Log		SL-3
41			
42	VOLUME 2		
43	DIVISION 02 – EXISTING CONDITIONS		
44	Section Title		
45	02 05 00 Common Work Results for Existing Conditions		02 50 00-3
46	02 41 13 Demolition		02 41 13-3
47			
48	DIVISION 03 - CONCRETE		
49	Section Title		
50	03 30 00 Cast-In-Place Concrete		03 30 00-12
51			
52	DIVISION 04 - MASONRY		
53	Section Title		
54	04 20 00 Unit Masonry		04 20 00-7
55			

1	DIVISION 05 - METALS		
2	Section	Title	
3	05 50 00	Metal Fabrications	05 50 00-4
4			
5	DIVISION 06 – WOOD, PLASTICS AND COMPOSITES		
6	Section	Title	
7	06 10 00	Rough Carpentry	06 10 00-4
8	06 20 00	Finish Carpentry	06 20 00-4
9			
10	DIVISION 07 - THERMAL AND MOISTURE PROTECTION		
11	Section	Title	
12	07 21 19	Foamed In Place Insulation	07 21 19-3
13	07 84 00	Fire Stopping	07 84 00-8
14	07 92 00	Joint Sealants	07 92 00-6
15			
16	DIVISION 08 – OPENINGS		
17	Section	Title	
18	08 31 13	Access Doors and Frames	08 31 13-3
19			
20	DIVISION 09 - FINISHES		
21	Section	Title	
22	09 22 16	Non-Structural Framing	09 22 16.23-3
23	09 22 43	Metal Furring and Lathing	09 22 43-3
24	09 24 00	Portland Cement Plastering	09 24 00-4
25	09 29 00	Gypsum Board	09 29 00-5
26	09 51 00	Acoustical Ceiling	09 51 00-4
27	09 90 00	Painting and Coating	09 90 00-6
28			
29	DIVISION 21 – FIRE SUPPRESSION		
30	Section	Title	
31	21 05 00	Common Work Results for Fire Protection	21 05 00-5
32	21 05 29	Hangers and Supports for Fire Protection Piping and Equipment	21 05 29-3
33	21 10 00	Water-Based Fire Protection Systems	21 10 00-5
34			
35	DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING		
36	Section	Title	
37	23 05 00	Common Work Results for HVAC	23 05 00-7
38	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-3
39	23 05 15	Piping Specialties	23 05 15-5
40	23 05 23	General Duty Valves for HVAC	23 05 23-5
41	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-4
42	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-5
43	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-5
44	23 07 00	HVAC Insulation	23 07 00-10
45	23 08 00	Commissioning of HVAC	23 08 00-124
46	23 09 14	Pneumatic and Electric Controls	23 09 14-17
47	23 09 15	Direct Digital Control Input/Output Point Summary Tables	23 09 15-3
48	23 09 24	Direct Digital Control System for HVAC	23 09 24-14
49	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-10
50	23 21 13	Hydronic Piping	23 21 13-12
51	23 22 13	Steam and Condensate Heating Piping	23 22 13-7
52	23 22 23	Steam Condensate Pumps	23 22 23-3
53	23 31 00	HVAC Ducts and Casings	23 31 00-8
54	23 33 00	Air Duct Accessories	23 33 00-4
55	23 37 13	Diffusers, Registers and Grilles	23 37 13-3
56	23 41 00	Particulate Air Filtration	23 41 00-3
57	23 72 00	Air-To-Air Energy Recovery Equipment	23 72 00-4

1	23 73 12	Air Handling Unit Coils	23 73 12-3
2	23 73 13	Modular Indoor Central-Station Air-Handling Units	23 73 13-7
3	23 82 00	Heating and Cooling Terminal Units	23 82 00-3
4			
5	DIVISION 26 - ELECTRICAL		
6	Section	Title	
7	26 05 00	Common Work Results for Electrical	26 05 00-7
8	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-2
9	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-4
10	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
11	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-4
12	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-3
13	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-7
14	26 05 53	Identification for Electrical Systems	26 05 53-4
15	26 09 43	Distributed Digital Lighting Controls	26 09 43-8
16	26 24 16	Panelboards	26 24 16-2
17	26 27 02	Equipment Wiring Systems	26 27 02-3
18	26 27 26	Wiring Devices	26 27 26-3
19	26 27 28	Disconnect Switches	26 27 28-2
20	26 29 00	Low-Voltage Controllers	26 29 00-3
21	26 51 13	Interior Lighting Fixtures, Lamps, And Ballasts	26 51 13-6
22			
23	DIVISION 28 – ELECTRONIC SAFETY AND SECURITY		
24	Section	Title	
25	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-13
26	28 31 00	Fire Detection and Alarm	28 31 00-17
27			
28	DRAWINGS - Bound Separately		
29	Title		Sheets Thru
30			
31	TITLE		
32	COVER SHEET		T000
33			
34	GENERAL		
35	CODE PLANS		G001
36	WORK AREA AND PHASING PLANS		G002
37	BUILDING CIRCULATION PLANS		G003
38			
39	ARCHITECTURAL		
40	ABBREVIATIONS, SYMBOLS AND NOTES		A001
41	FIRST BASEMENT FLOOR DEMOLITION PLANS		A100
42	FIRST BASEMENT FLOOR PLAN		A200
43	FIRST FLOOR PLAN		A201
44	SECOND FLOOR PLAN		A202
45	THIRD FLOOR PLAN		A203
46	FIRST BASEMENT FLOOR REFLECTED CEILING PLAN		A300
47	FIRST FLOOR REFLECTED CEILING PLAN		A301
48	SECOND FLOOR REFLECTED CEILING PLAN		A302
49	THIRD FLOOR REFLECTED CEILING PLAN		A303
50	DETAILS		A901
51			
52	FIRE PROTECTION		
53	FIRE PROTECTION DEMOLITION PLAN - FIRST BASEMENT LEVEL		F100
54	FIRE PROTECTION DEMOLITION PLAN - LEVEL 1		F101
55	FIRE PROTECTION DEMOLITION PLAN - LEVEL 2		F102
56	FIRE PROTECTION DEMOLITION PLAN - LEVEL 3		F103
57	FIRE PROTECTION PLAN - FIRST BASEMENT LEVEL		F200

1	FIRE PROTECTION PLAN - LEVEL 1	F201
2	FIRE PROTECTION PLAN - LEVEL 2	F202
3	FIRE PROTECTION PLAN - LEVEL 3	F203
4		
5	HVAC	
6	MECHANICAL NOTES AND SYMBOLS	M000
7	MECHANICAL DUCTWORK DEMOLITION PLAN - FIRST BASEMENT LEVEL	M100
8	MECHANICAL DUCTWORK DEMOLITION PLAN - LEVEL 1	M101
9	MECHANICAL DUCTWORK DEMOLITION PLAN - LEVEL 2	M102
10	MECHANICAL DUCTWORK DEMOLITION PLAN - LEVEL 3	M103
11	MECHANICAL PIPING DEMOLITION PLAN - FIRST BASEMENT LEVEL	M110
12	MECHANICAL PIPING DEMOLITION PLAN - LEVEL 1	M111
13	MECHANICAL PIPING DEMOLITION PLAN - LEVEL 2	M112
14	MECHANICAL PIPING DEMOLITION PLAN - LEVEL 3	M113
15	MECHANICAL DUCTWORK PLAN - FIRST BASEMENT LEVEL	M200
16	MECHANICAL DUCTWORK PLAN - LEVEL 1	M201
17	MECHANICAL DUCTWORK PLAN - LEVEL 2	M202
18	MECHANICAL DUCTWORK PLAN - LEVEL 3	M203
19	MECHANICAL PIPING AND DIFFUSER PLAN - FIRST BASEMENT LEVEL	M300
20	MECHANICAL PIPING AND DIFFUSER PLAN - LEVEL 1	M301
21	MECHANICAL PIPING AND DIFFUSER PLAN - LEVEL 2	M302
22	MECHANICAL PIPING AND DIFFUSER PLAN - LEVEL 3	M303
23	TYPICAL FAN COIL UNIT CONDITION DETAILS	M400
24	TYPICAL FAN COIL UNIT DETAILS	M401
25	MECHANICAL SECTIONS	M410
26	MECHANICAL TEMPERATURE CONTROL SCHEMATICS	M500
27	MECHANICAL DETAILS	M510
28	MECHANICAL SCHEDULES	M520
29		
30	ELECTRICAL	
31	ELECTRICAL NOTES AND SYMBOLS	E000
32	ELECTRICAL DEMOLITION PLAN - FIRST BASEMENT LEVEL	E100
33	ELECTRICAL DEMOLITION PLAN - LEVEL 1	E101
34	ELECTRICAL DEMOLITION PLAN - LEVEL 2	E102
35	ELECTRICAL DEMOLITION PLAN - LEVEL 3	E103
36	ELECTRICAL LIGHTING PLAN - FIRST BASEMENT LEVEL	E200
37	ELECTRICAL LIGHTING PLAN - LEVEL 1	E201
38	ELECTRICAL LIGHTING PLAN - LEVEL 2	E202
39	ELECTRICAL LIGHTING PLAN - LEVEL 3	E203
40	ELECTRICAL POWER PLAN - FIRST BASEMENT LEVEL	E300
41	ELECTRICAL POWER PLAN - LEVEL 1	E301
42	ELECTRICAL POWER PLAN - LEVEL 2	E302
43	ELECTRICAL POWER PLAN - LEVEL 3	E303
44	ELECTRICAL SCHEDULES AND DETAILS	E500
45	ELECTRICAL PANEL SCHEDULES	E510
46		
47		
48		
49	***	