

1	TABLE OF CONTENTS MEP BIDDERS (Rev 7/2023)		
2			
3	Division Project No. 21E2R		
4			
5	DIVISION 01 - MEP BIDDING REQUIREMENTS		Pages Thru
6	TITLE PAGE		1
7	TABLE OF CONTENTS		TC-6
8			
9	MEP BIDDING REQUIREMENTS		
10	MEP Invitation to Bid		A-2
11	MEP Instructions to Bidders		B-11
12	Bid Form – Mechanical, Electrical, Plumbing, and Fire Protection (MEP)		C-6
13	Sealed Bid Envelope Label		1
14	Mechanical Electrical Plumbing and Fire Protection (MEP) Bid Bond Form (DOA-4189)		1
15	Designation of Confidential and Proprietary Information Form (DOA-3027)		1
16			
17	DIVISION 01		
18	General Requirements		GR-16
19	01 33 00 Electronic Submittal Procedures		01 33 00-6
20	01 35 91 Historic Treatment Procedures		01 35 91-6
21	01 74 19 Construction Waste Management		01 74 19-4
22	01 91 01 Commissioning Process		01 91 01-4
23			
24	APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT		
25	DOCUMENTS		
26	Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)		2
27	Request for Submittal Approval (DOA-4523)		1
28	Request for Subcontractors Approval (DOA-4225)		1
29			
30	CONTRACT FORMS		
31	Performance Bond Form (DOA-4188)		2
32	Payment Bond Form (DOA-4187)		2
33	Contract Form (DOA-4504)		2
34			
35	CONDITIONS OF THE CONTRACT		
36	Index to the General Conditions		1
37	General Conditions of the General Prime Contractor Contract (DOA-4193P)		34
38	Supplementary General Conditions		SGC-1
39	Submittal Log		SL-5
40			
41	VOLUME 2		
42			
43	DIVISION 02 – EXISTING CONDITIONS		
44	Section	Title	
45	02 05 00	Common Work Results for Existing Conditions	02 05 00-4
46	02 41 13	Demolition	02 41 13-4
47	02 42 96	Historic Removal and Dismantling	02 42 96-3
48			
49	DIVISION 03 – CONCRETE		
50	Section	Title	
51	03 30 00	Cast-In-Place Concrete	03 30 00-14
52			
53	DIVISION 04 – MASONRY		
54	Section	Title	
55	04 03 22	Historic Brick Unit Masonry Repair	04 03 22-5
56	04 20 00	Unit Masonry	04 20 00-8
57			

1	DIVISION 05 – METALS		
2	Section	Title	
3	05 12 00	Structural Steel Framing	05 12 00-5
4			
5	DIVISION 06 – WOOD, PLASTICS AND COMPOSITES		
6	Section	Title	
7	06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
8			
9	DIVISION 07 – THERMAL AND MOISTURE PROTECTION		
10	Section	Title	
11	07 08 00	Commissioning of Thermal and Moisture Protection	07 08 00-5
12	07 21 00	Thermal Insulation	07 21 00-2
13	07 51 13	Built-Up Asphalt Roofing	07 51 13-15
14	07 63 00	Sheet Metal Roofing Specialties	07 63 00-6
15	07 84 00	Fire Stopping	07 84 00-9
16	07 92 00	Joint Sealants	07 92 00-5
17			
18	DIVISION 08 – OPENINGS		
19	Section	Title	
20	08 71 11	Door Hardware (Descriptive Specification)	08 71 11-3
21	08 80 00	Glazing	08 80 00-4
22	08 87 00	Glazing Surface Films	08 87 00-4
23			
24	DIVISION 09 – FINISHES		
25	Section	Title	
26	09 01 90.52	Maintenance Repainting	09 01 90.52-8
27	09 22 16	Non-Structural Metal Framing	09 22 16-3
28	09 29 00	Gypsum Board	09 29 00-3
29	09 30 13	Ceramic Tiling	09 30 13-5
30	09 51 13	Acoustical Panel Ceilings	09 51 13-3
31	09 65 19	Resilient Tile Flooring	09 65-19-3
32	09 91 24	Interior Painting (MPI Standards)	09 91 24-4
33			
34	DIVISION 10 – SPECIALTIES		
35	Section	Title	
36	10 28 00	Toilet, Bath, and Laundry Accessories	10 28 00-3
37			
38	DIVISION 22 – PLUMBING		
39	Section	Title	
40	22 05 00	Common Work Results for Plumbing	22 05 00-7
41	22 05 14	Plumbing Specialties	22 05 14-3
42	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-4
43	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-5
44	22 07 00	Plumbing Insulation	22 07 00-6
45	22 08 00	Commissioning of Plumbing	22 08 00-55
46	22 10 13	Facility Fuel Piping	22 10 13-5
47	22 11 00	Facility Water Distribution	22 11 00-7
48	22 13 00	Facility Sanitary Sewerage	22 13 00-7
49	22 14 00	Facility Storm Drainage	22 14 00-6
50	22 15 13	General Service Compressed-Air Piping	22 15 13-5
51	22 42 00	Commercial Plumbing Fixtures	22 42 00-4
52			
53	VOLUME 03		
54			
55	DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING		
56	Section	Title	
57	23 05 00	Common Work Results for HVAC	23 05 00-7

1	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-4
2	23 05 14	Variable Frequency Drives	23 05 14-6
3	23 05 15	Piping Specialties	23 05 15-6
4	23 05 23	General Duty Valves for HVAC	23 05 23-7
5	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-6
6	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-5
7	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-6
8	23 07 00	HVAC Insulation	23 07 00-11
9	23 08 00	Commissioning of HVAC	23 08 00-150
10	23 09 14	Pneumatic and Electric Controls	23 09 14-20
11	23 09 15	Direct Digital Control Input/Output Point Summary Tables	23 09 15-10
12	23 09 24	Direct Digital Control System for HVAC (Informational Purposes Only)	23 09 24-15
13	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-14
14	23 11 00	Facility Fuel Piping	23 11 00-7
15	23 21 13	Hydronic Piping	23 21 13-12
16	23 21 23	Hydronic Pumps	23 21 23-3
17	23 22 13	Steam and Condensate Heating Piping	23 22 13-8
18	23 22 23	Steam Condensate Pumps	23 22 23-3
19	23 25 00	HVAC Water Treatment	23 25 00-6
20	23 31 00	HVAC Ducts and Casings	23 31 00-9
21	23 33 00	Air Duct Accessories	23 33 00-5
22	23 34 00	HVAC Fans	23 34 00-3
23	23 36 00	Air Terminal Units	23 36 00-4
24	23 37 13	Diffusers, Registers and Grilles	23 37 13-2
25	23 41 00	Particulate Air Filtration	23 41 00-3
26	23 57 00	Heat Exchangers for HVAC	23 57 00-2
27	23 72 00	Air-To-Air Energy Recovery Equipment	23 72 00-4
28	23 73 12	Air Handling Unit Coils	23 73 12-3
29	23 73 13	Modular Central-Station Air-Handling Units	23 73 13-6
30	23 82 00	Heating and Cooling Terminal Units	23 82 00-4
31			
32		VOLUME 4	
33			
34		DIVISION 26 – ELECTRICAL	
35	Section	Title	
36	26 05 00	Common Work Results for Electrical	26 05 00-7
37	26 05 02	Electrical Demolition for Remodeling	26 05 02-2
38	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-4
39	26 05 13	Medium-Voltage Cables	26 05 13-6
40	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-5
41	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
42	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-5
43	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
44	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-8
45	26 05 43	Underground Ducts and Raceways for Electrical Systems	26 05 43-4
46	26 05 53	Identification for Electrical Systems	26 05 53-4
47	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	26 05 73-5
48	26 08 00	Commissioning of Electrical	26 08 00-65
49	26 12 19	Medium-Voltage Transformers, Liquid Filled, Pad-Mounted (Outdoor)	26 12 19-5
50	26 13 02	Medium-Voltage Pad Mounted Switchgear (Outdoor)	26 13 02-5
51	26 18 23	Medium-Voltage Surge Arresters	26 18 23-2
52	26 22 00	Low-Voltage Transformers	26 22 00-2
53	26 24 16	Panelboards	26 24 16-5
54	26 27 02	Equipment Wiring Systems	26 27 02-3
55	26 27 13	Electricity Metering	26 27 13-5
56	26 27 28	Disconnect Switches	26 27 28-2
57	26 29 00	Low-Voltage Controllers	26 29 00-4

1	26 32 13.16	Engine-Driven Generator Sets – Natural Gas (LP)	26 32 13.16-7
2	26 36 00	Transfer Switches	26 36 00-4
3	26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	26 43 13-3
4			
5		DIVISION 28 – ELECTRONIC SAFETY AND SECURITY	
6	Section	Title	
7	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-17
8	28 31 00	Fire Detection and Alarm	28 31 00-8
9			
10		DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK	
11	Section	Title	
12	30 05 00	Common Work Results for Exterior Work	30 05 00-5
13			
14		DIVISION 31 – EARTHWORK	
15	Section	Title	
16	31 13 00	Selective Tree and Shrub Removal	31 13 00-2
17	31 13 16	Selective Tree and Shrub Protection and Trimming	31 13 16-7
18	31 20 00	Earthmoving	31 20 00-5
19	31 23 16.13	Trenching	31 23 16.13-7
20	31 23 19	Dewatering	31 23 19-3
21	31 25 00	Erosion Control	31 25 00-4
22			
23		DIVISION 32 – EXTERIOR IMPROVEMENTS	
24	Section	Title	
25	32 11 23.33	Dense Graded Base	32 11 23.33-3
26	32 92 00	Plants	32 92 00-9
27	32 92 19	Seeding	32 92 19-7
28			
29		DIVISION 33 – UTILITIES	
30	Section	Title	
31	33 08 00	Commissioning of Utilities	33 08 00-11
32	33 61 13	Chilled Water Utilities	33 61 13-13
33			
34		DRAWINGS – Bound Separately	
35	Title		Sheets Thru
36	Title Sheet		T000
37			
38	Civil		
39	Civil Notes & Details		C001
40	Existing Conditions		C100
41	Parking & Pedestrian Routing Plan		C101
42	Temporary Fencing and Removals Plan – South		C102
43	Temporary Fencing and Removals Plan – North		C103
44	Erosion Control Plan – South		C104
45	Erosion Control Plan – North		C105
46	Chilled Water Plan & Profile		C200
47	Site Restoration Plan – South		C400
48	Site Restoration Plan – South		C401
49			
50	Architectural		
51	Life Safety Plans		A000
52	Phasing Plan		A001
53	First Floor Demolition Plan		A101
54	First Floor Reflected Ceiling Demolition Plan		A111
55	Second Floor Reflected Ceiling Demolition Plan		A112
56	Third Floor Reflected Ceiling Demolition Plan		A113
57	First Floor New Work Plan		A201

1	Second Floor New Work Plan	A202
2	Third Floor New Work Plan	A203
3	Roof Plan	A204
4	Exterior Elevations	A205
5	First Floor Reflected Ceiling New Work Plan	A211
6	Second Floor Reflected Ceiling New Work Plan	A212
7	Third Floor Reflected Ceiling New Work Plan	A213
8	Enlarged Plans & Toilet Room Elevations	A400
9	Details	A500
10		
11	Structural	
12	Mechanical Support Framing Plan and Schedules	S1.01
13	Mechanical Duct and Pipe Support Framing Plans and Sections	S1.02
14		
15	Plumbing	
16	Symbols & Abbreviations, Details & Schedules – Plumbing	P000
17	Basement Demolition Plan – Plumbing	P100
18	First Floor Demolition Plan – Plumbing	P101
19	Second Floor Demolition Plan – Plumbing	P102
20	Third Floor Demolition Plan – Plumbing	P103
21	Basement Floor Plan – Plumbing	P200
22	First Floor Plan – Plumbing	P201
23	Second Floor Plan – Plumbing	P202
24	Third Floor Plan – Plumbing	P203
25		
26	HVAC	
27	Symbols & Abbreviations – HVAC	M000
28	First Floor Demolition Plan – Ductwork	M101
29	Second Floor Demolition Plan – Ductwork	M102
30	Third Floor Demolition Plan – Ductwork	M103
31	Roof Demolition Plan – Ductwork	M104
32	Basement Demolition Plan – Piping	M105
33	First Floor Demolition Plan – Piping	M106
34	Second Floor Demolition Plan – Piping	M107
35	Third Floor Demolition Plan – Piping	M108
36	Roof Demolition Plan – Piping	M109
37	First Floor New Work Plan – Ductwork	M201
38	Second Floor New Work Plan – Ductwork	M202
39	Third Floor New Work Plan – Ductwork	M203
40	Roof New Work Plan – Ductwork	M204
41	Basement New Work Plan – Piping	M205
42	First Floor New Work Plan – Piping	M206
43	Second Floor New Work Plan – Piping	M207
44	Third Floor New Work Plan – Piping	M208
45	Roof New Work Plan – Piping	M209
46	Sections 1 – HVAC	M401
47	Sections 2 – HVAC	M402
48	Sections 3 – HVAC	M403
49	Flow Diagram 1 – HVAC	M501
50	Flow Diagram 2 – HVAC	M502
51	Flow Diagram 3 – HVAC	M503
52	Schedules 1 – HVAC	M801
53	Schedules 2 – HVAC	M802
54	Details 1 – HVAC	M901
55	Details 2 – HVAC	M902
56	Details 3 – HVAC	M903
57	Details 4 – HVAC	M904

1		
2	Electrical	
3	Symbols, Abbreviations & Details – Electrical	E000
4	Site Plan – Electrical	E001
5	Basement Demolition Plan – Electrical	E100
6	First Floor Demolition Plan – Electrical	E101
7	Second Floor Demolition Plan – Electrical	E102
8	Third Floor Demolition Plan – Electrical	E103
9	Basement New Work Plan – Lighting	E200
10	First Floor New Work Plan – Lighting	E201
11	Second Floor New Work Plan – Lighting	E202
12	Third Floor New Work Plan – Lighting	E203
13	Basement New Work Plan - Power/Systems	E210
14	First Floor New Work Plan - Power/Systems	E211
15	Second Floor New Work Plan - Power/Systems	E212
16	Third Floor New Work Plan - Power/Systems	E213
17	Existing Electrical One-Line Diagram	E600A
18	Existing Electrical One-Line Diagram - Continued	E600B
19	Demolition One-Line Diagram - Project Area	E601
20	New Work One-Line Diagram - Project Area	E602
21	Equipment Schedules – Electrical	E800
22	Panel Schedules – Existing	E801
23	Panel Schedules – Existing	E802
24	Panel Schedules - New Work	E803
25	Panel Schedules - New Work	E804
26	Details – Electrical	E900
27	Details – Lighting	E901
28		
29		
30	***	