

1 **TABLE OF CONTENTS MEP BIDDERS (Rev 7/2023)**

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57

Division Project No. **21E2H**

DIVISION 01 - MEP BIDDING REQUIREMENTS

Pages Thru

TITLE PAGE	1
TABLE OF CONTENTS	TC-6
MEP BIDDING REQUIREMENTS	
MEP Invitation to Bid	A-2
MEP Instructions to Bidders	B-12
Bid Form – Mechanical, Electrical, Plumbing, and Fire Protection (MEP)	C-6
Sealed Bid Envelope Label	1
Mechanical Electrical Plumbing and Fire Protection (MEP) Bid Bond Form (DOA-4189)	1
Designation of Confidential and Proprietary Information Form (DOA-3027)	1

DIVISION 01

General Requirements	GR-20-
01 33 00 Electronic Submittal Procedures	01 33 00-6
01 74 19 Construction Waste Management	01 74 19-3
01 91 01 Commissioning Process	01 91 01-4

APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT DOCUMENTS

Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)	2
Request for Submittal Approval (DOA-4523)	1
Request for Subcontractors Approval (DOA-4225)	1
CONTRACT FORMS	
Performance Bond Form (DOA-4188)	2
Payment Bond Form (DOA-4187)	2
Contract Form (DOA-4504)	2
CONDITIONS OF THE CONTRACT	
Index to the General Conditions	1
General Conditions of the General Prime Contractor Contract (DOA-4193P)	34
Supplementary General Conditions	SGC-1
Submittal Log	SL-4

VOLUME 2

DIVISION 02 – EXISTING CONDITIONS

02 05 00 Common Work Results for Existing Conditions	02 05 00-4
02 41 13 Demolition	02 41 13-4

DIVISION 04 – MASONRY

Section Title	
04 20 00 Unit Masonry	04 20 00-9

DIVISION 05 – METALS

Section Title	
05 50 00 Metal Fabrications	05 50 00-4

DIVISION 06 – WOOD, PLASTICS AND COMPOSITES

Section Title	
06 10 00 Rough Carpentry	06 10 00-4

1	06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
2	06 41 00	Architectural Woodwork	06 41 00-3
3			
4	DIVISION 07 – THERMAL AND MOISTURE PROTECTION		
5	Section	Title	
6	07 21 00	Thermal Insulation	07 21 00-3
7	07 24 00	Exterior Insulation and Finish Systems	07 24 00-6
8	07 57 13.01	Fluid-Applied Roofing	07 57 13.01-17
9	07 63 00	Sheet Metal Roofing Specialties	07 63 00-6
10	07 84 00	Fire Stopping	07 84 00-9
11	07 92 00	Joint Sealants	07 92 00-7
12			
13	DIVISION 08 – OPENINGS		
14	Section	Title	
15	08 31 00	Access Doors and Panels	08 31 00-3
16	08 44 13	Glazed Aluminum Curtain Walls	08 44 13-8
17	08 80 00	Glazing	08 80 00-6
18			
19	DIVISION 09 – FINISHES		
20	Section	Title	
21	09 21 16	Gypsum Board Assemblies	09 21 16-8
22	09 51 00	Suspended Acoustical Ceilings	09 51 00-5
23	09 51 40	Cementitious Wood Fiber Acoustical Ceiling System	09 51 40-2
24	09 90 00	Paints and Coatings	09 90 00-6
25			
26	<u>VOLUME 3</u>		
27			
28	DIVISION 22 - PLUMBING		
29	Section	Title	
30	22 05 00	Common Work Results for Plumbing	22 05 00-5
31	22 05 14	Plumbing Specialties	22 05 14-3
32	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-4
33	22 13 00	Facility Sanitary Sewerage	22 13 00-5
34	22 14 00	Facility Storm Drainage	22 14 00-5
35			
36	DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING		
37	Section	Title	
38	23 05 00	Common Work Results for HVAC	23 05 00-7
39	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-4
40	23 05 14	Variable Frequency Drives	23 05 14-5
41	23 05 15	Piping Specialties	23 05 15-7
42	23 05 23	General Duty Valves for HVAC	23 05 23-7
43	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-6
44	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-3
45	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-5
46	23 07 00	HVAC Insulation	23 07 00-10
47	23 08 00	Commissioning of HVAC	23 08 00-133
48	23 09 14	Pneumatic and Electric Controls	23 09 14-19
49	23 09 15	Direct Digital Control Input/Output Point Summary Tables	23 09 15-13
50	23 09 24	Direct Digital Control System for HVAC (Informational Purposes Only)	23 09 24-14
51	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-22
52	23 21 13	Hydronic Piping	23 21 13-11
53	23 21 23	Hydronic Pumps	23 21 23-4
54	23 22 13	Steam and Condensate Heating Piping	23 22 13-8
55	23 25 00	HVAC Water Treatment	23 25 00-4
56	23 31 00	HVAC Ducts and Casings	23 31 00-8
57	23 33 00	Air Duct Accessories	23 33 00-6

1	23 34 00	HVAC Fans	23 34 00-3
2	23 37 13	Diffusers, Registers and Grilles	23 37 13-3
3	23 41 00	Particulate Air Filtration	23 41 00-3
4	23 57 00	Heat Exchangers for HVAC	23 57 00-2
5	23 73 12	Air Handling Unit Coils	23 73 12-3
6	23 73 13	Modular Indoor Central-Station Air-Handling Units	23 73 13-7
7	23 74 16	Packaged Rooftop Air Handling Units	23 74 16-6
8	23 82 00	Heating and Cooling Terminal Units	23 82 00-5
9			
10	DIVISION 26 - ELECTRICAL		
11	Section	Title	
12	26 05 00	Common Work Results for Electrical	26 05 00-8
13	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
14	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-4
15	26 05 13	Medium-Voltage Cables	26 05 13-6
16	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-6
17	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
18	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-5
19	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-3
20	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-10
21	26 05 43	Underground Ducts and Raceways for Electrical Systems	26 05 43-4
22	26 05 44	Manholes	26 05 44-3
23	26 05 53	Identification for Electrical Systems	26 05 53-4
24	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	26 05 73-5
25	26 08 00	Commissioning of Electrical	26 08 00-66
26	26 12 19	Medium-Voltage Transformers, Liquid Filled, Pad-Mounted (Outdoor)	26 12 19-5
27	26 13 02	Medium-Voltage Pad-Mounted Switchgear (Outdoor)	26 13 02-6
28	26 22 00	Low-Voltage Transformers	26 22 00-3
29	26 24 16	Panelboards	26 24 16-6
30	26 27 26	Wiring Devices	26 27 26-8
31	26 27 28	Disconnect Switches	26 27 28-2
32	26 28 13	Fuses	26 28 13-1
33	26 28 16	Enclosed Switches and Circuit Breakers	26 28 16-2
34	26 36 00	Transfer Switches	26 36 00-5
35	26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	26 43 13-3
36	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	26 51 13-5
37			
38	DIVISION 28 – ELECTRONIC SAFETY AND SECURITY		
39	Section	Title	
40	28 31 00	Fire Detection and Alarm	28 31 00-19
41			
42	DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK		
43	Section	Title	
44	30 05 00	Common Work Results for all Exterior Work	30 50 00-4
45			
46	DIVISION 31 - EARTHWORK		
47	Section	Title	
48	31 10 00	Site Clearing	31 10 00-2
49	31 13 00	Tree Shrub Removal Transplant	31 13 00-3
50	31 13 16	Tree Shrub Protection Trimming	31 13 16-7
51	31 20 00	Earthmoving	31 20 00-5
52	31 23 16.13	Trenching	31 23 16.13-8
53	31 25 00	Erosion Control	31 25 00-4
54			
55	DIVISION 32 – EXTERIOR IMPROVEMENTS		
56	Section	Title	
57	32 11 23.33	Dense Graded Base	32 11 23.33-2

1	32 13 13	Exterior Concrete Pavement	32 13 13-8
2	32 31 13	Chain Link Fencing & Gates	32 31 13-5
3	32 91 13	Soil Preparation	32 91 13-4
4	32 92 19	Seeding	32 92 19-7
5			
6	DIVISION 33 - UTILITIES		
7	Section	Title	
8	33 08 00	Commissioning of Utilities	33 08 00-11
9	33 61 13	Chilled Water and Condenser Water Utilities	33 61 13-12
10			
11			
12	DRAWINGS – Bound Separately		
13	Title		Sheets Thru
14	Title Sheet		T000
15	Project Phasing		T001
16			
17	<u>Architectural</u>		
18	Lower Level – Code Plan, Code Summary, Symbols Legend		A101
19	First & Second Level – Code Plan		A102
20	Symbols, Legends, General Notes, Keynotes, Abbreviations		A150
21	Lower Level – Demolition Plan		A410
22	First Level -Demolition Plan		A411
23	Second Level – Demolition Plan		A412
24	Lower Level – Floor Plan		A420
25	First Level – Floor Plan		A421
26	Second Level – Floor Plan		A422
27	Lower Level – Finish Plan		A430
28	First Level – Finish Plan		A431
29	Second Level – Finish Plan		A432
30	Lower Level – Reflected Ceiling Plan		A440
31	First Level – Reflected Ceiling Plan		A441
32	Second Level – Reflected Ceiling Plan		A442
33	Partition Types & Opening Schedule		A450
34	Roof Plan, Roof Details		A500
35	Interior Details		A600
36			
37	<u>Structural</u>		
38	General Notes		S001
39	Existing Second Level Framing Plan		S212
40	Existing Roof Framing Plan		S213
41	Structural Details		S300
42			
43	<u>Civil</u>		
44	General Notes		C000
45	Civil Symbols and Abbreviations		C001
46	Site Fencing Plan		C200
47	Site Staging Plan		C201
48	Demolition Plan		C202
49	Erosion Control Plan		C203
50	Site Grading Plan		C300
51	Site Restoration Plan		C301
52	Sitework Details		C500
53	Site Chilled Water Plan		C600
54	Site Chilled Water Details and Profile		C601
55			
56			
57			

1	<u>Plumbing</u>	
2	Plumbing Coversheet	P000
3	Lower Level Plan – Plumbing	P200
4	First Level Plan – Plumbing	P201
5	Second Level Plan – Plumbing	P202
6	Roof Plan – Plumbing	P203
7	Riser Diagram – Plumbing	P300
8		
9	<u>Mechanical</u>	
10	Mechanical Coversheet	M000
11	Pool Equipment Level Demolition Plan – Piping	M030
12	Pool Equipment Level Demolition Plan – Ventilation	M031
13	Pool Equipment Level Plan – Piping	M032
14	Pool Equipment Level Plan – Ventilation	M033
15	Lower Level Demolition Plan – Piping	M100
16	First Level Demolition Plan – Piping	M101
17	Second Level Demolition Plan – Piping	M102
18	Lower Level Demolition Plan – Ventilation	M110
19	First Level Demolition Plan - Ventilation	M111
20	Second Level Demolition Plan – Ventilation	M112
21	Roof Demolition Plan – Ventilation	M113
22	Lower Level Plan – Piping	M200
23	First Level Plan – Piping	M201
24	Second Level Plan – Piping	M202
25	Roof Plan – Piping	M203
26	Lower Level Plan – Ventilation	M210
27	First Level Plan – Ventilation	M211
28	Second Level Plan – Ventilation	M212
29	Roof Plan – Ventilation	M213
30	HVAC Sections	M300
31	HVAC Enlarged Plans	M301
32	HVAC Enlarged Plan	M302
33	HVAC Riser Diagram	M303
34	HVAC Details	M400
35	HVAC Details	M401
36	HVAC Details	M402
37	HVAC Diagrams	M500
38	HVAC Diagrams	M501
39	HVAC Schedules	M600
40	HVAC Schedules	M601
41		
42	<u>Electrical</u>	
43	Electrical Coversheet	E000
44	Site Plan – Electrical	E001
45	Lower Level Demolition Plan – Lighting	E100
46	First Level Demolition Plan – Lighting	E101
47	Second Level Demolition Plan – Lighting	E102
48	Pool Equipment Level Demolition Plan – Power & Systems	E109
49	Lower Level Demolition Plan – Power & Systems	E110
50	First Level Demolition Plan – Power & Systems	E111
51	First Level Demolition Plan – South Addition – Power & Systems	E111.2
52	Second Level Demolition Plan – Power & Systems	E112
53	Roof Demolition Plan – Power & Systems	E113
54	Lower Level Plan – Lighting	E200
55	First Level Plan – Lighting	E201
56	First Level Plan – Gym Lighting Calculations	E201.2
57	First Level Plan – Gym Emergency Lighting Calculations	E201.3

1	Second Level Plan – Lighting	E202
2	Second Level Plan – Emergency Lighting Calculations	E202.2
3	Pool Equipment Level Plan – Power & Systems	E209
4	Lower Level Plan – Power & Systems	E210
5	First Level Plan - Power & Systems	E211
6	First Level Plan – South Addition – Power & Systems	E211.2
7	Second Level Plan - Power & Systems	E212
8	Roof Plan – Power & Systems	E213
9	Electrical Details	E400
10	Electrical Details	E401
11	Electrical Diagrams	E500
12	Electrical Diagrams	E501
13	Electrical Diagrams	E502
14	Electrical Schedules	E600
15	Electrical Panel Schedules	E700
16	Electrical Panel Schedules	E701
17	Electrical Panel Schedules	E702
18	Electrical Panel Schedules	E703
19		
20	***	