

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

2

3 Division Project No. **22A2M**

4

5 **VOLUME 1**

6

7 **DIVISION 01 - MEP BIDDING REQUIREMENTS**

Pages Thru

8 TITLE PAGE 1

9 TABLE OF CONTENTS TC-3

10

11 **MEP BIDDING REQUIREMENTS**

12 MEP Invitation to Bid A-2

13 MEP Instructions to Bidders B-11

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) 1

17 Designation of Confidential and Proprietary Information Form (DOA-3027) 1

18

19 **DIVISION 01**

20 General Requirements GR-16

21 01 33 00 Electronic Submittal Procedures 5

22 01 74 19 Construction Waste Management 3

23 01 91 01 Commissioning Process 4

24

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

26 **DOCUMENTS**

27 Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266) 2

28 Request for Submittal Approval (DOA-4523) 1

29 Request for Subcontractors Approval (DOA-4225) 1

30

31 **CONTRACT FORMS**

32 Performance Bond Form (DOA-4188) 2

33 Payment Bond Form (DOA-4187) 2

34 Contract Form (DOA-4504) 2

35

36 **CONDITIONS OF THE CONTRACT**

37 Index to the General Conditions 1

38 General Conditions of the General Prime Contractor Contract (DOA-4193P) 34

39 Supplementary General Conditions SGC-1

40 DOC – Security Clearance Background Check 3

41 DOC – Contractor Site Access and Working Requirements SGR-6

42 Submittal Log SL-1

43

44 **VOLUME 2**

45

46 **DIVISION 02 – EXISTING CONDITIONS**

47 Section Title

48 02 05 00 Common Work Results for Existing Conditions 3

49 02 41 13 Demolition 3

50

51 **DIVISION 03 – CONCRETE**

52 Section Title

53 03 08 00 Commissioning of Concrete 6

54 03 30 00 Cast-In-Place Concrete 7

55

56 **DIVISION 05 – METALS**

57 Section Title

1	05 10 00	Structural Metal Framing	4
2			
3	DIVISION 07 – THERMAL AND MOISTURE PROTECTION		
4	Section	Title	
5	07 84 00	Fire Stopping	9
6			
7	DIVISION 09 – FINISHES		
8	Section	Title	
9	09 91 16	Painting for Piping	3
10			
11	DIVISION 22 - PLUMBING		
12	Section	Title	
13	22 05 00	Common Work Results for Plumbing	5
14	22 05 14	Plumbing Specialties	2
15	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	5
16	22 07 00	Plumbing Insulation	5
17	22 13 00	Facility Sanitary Sewerage	5
18			
19	DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING		
20	Section	Title	
21	23 05 00	Common Work Results for HVAC	6
22	23 05 13	Common Motor Requirements for HVAC Equipment	4
23	23 05 14	Variable Frequency Drives	5
24	23 05 15	Piping Specialties	5
25	23 05 23	General Duty Valves for HVAC	5
26	23 05 29	Hangers and Supports for HVAC Piping and Equipment	4
27	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	2
28	23 05 93	Testing, Adjusting and Balancing for HVAC	5
29	23 07 00	HVAC Insulation	7
30	23 08 00	Commissioning of HVAC	70
31	23 09 10	Instrument and Controls HMI	11
32	23 09 14	Pneumatic and Electric Instrumentation and Controls Devices for HVAC	14
33	23 11 00	Facility Fuel Piping	7
34	23 21 13	Hydronic Piping	11
35	23 21 23	Hydronic Pumps	4
36	23 25 00	HVAC Water Treatment	4
37	23 30 00	Water Softeners	3
38	23 51 00	Breechings, Chimneys and Stacks	4
39	23 52 00	Heating Boilers	8
40	23 55 52	Burner Management System and Combustion Control System	7
41			
42	DIVISION 26 - ELECTRICAL		
43	Section	Title	
44	26 05 00	Common Work Results for Electrical	6
45	26 05 02	Electrical Demolition for Remodeling	2
46	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	3
47	26 05 19	Low-Voltage Electrical Power Conductors and Cables	5
48	26 05 23	Control-Voltage Electrical Power Cables	2
49	26 05 26	Grounding and Bonding for Electrical Systems	4
50	26 05 29	Hangers and Supports for Electrical Systems	3
51	26 05 33	Raceway and Boxes for Electrical Systems	7
52	26 05 53	Identification for Electrical Systems	4
53	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	6
54	26 08 00	Commissioning of Electrical	24
55	26 09 19	Enclosed Contactors	2
56	26 27 02	Equipment Wiring Systems	3
57	26 27 26	Wiring Devices	3

1	26 27 28	Disconnect Switches	2
2	26 28 13	Fuses	1
3	26 28 16	Enclosed Switches and Circuit Breakers	2
4	26 29 00	Low-Voltage Controllers	4
5	26 41 13.13	Lightning Protection for Buildings	3
6	26 51 13	Interior Lighting Fixtures, Lamps and Ballasts	5

7			
8	DRAWINGS – Bound Separately		
9	Title		Sheets Thru
10	Title Sheet		T001
11	Construction Phasing		T002
12			
13	Phase I and Phase II Demolition Plans		S101
14	Phase I and Phase II Concrete Plans		S111
15	Phase I and Phase II Pipe Support Framing Plans		S112
16	Phase I and Phase II Roof Framing Plans		S113
17	Pipe Rack Elevations		S311
18			
19	Mechanical Symbols and Abbreviations		M001
20	Mechanical Demolition Phase I		M101
21	Mechanical Demolition Phase II		M102
22	Mechanical Piping Plans Phase I		M111
23	Mechanical Piping Plans Phase II		M112
24	Instrumentation Floor Plan		M113
25	Mechanical Piping Elevations and Sections Phase I		M311
26	Mechanical Piping Elevations and Sections Phase II		M312
27	Mechanical Details		M501
28	Piping Schedules		M601
29	Instrumentation Schedules		M602
30	Instrumentation Schedules		M603
31	Piping & Instrumentation Diagram -Demolition Phase I		M701
32	Piping & Instrumentation Diagram - Demolition Phase II		M702
33	Piping & Instrumentation Diagram – Boiler No. 1		M711
34	Piping & Instrumentation Diagram – Boiler No. 2		M712
35	Piping & Instrumentation Diagram – Boiler No. 3		M713
36	Piping & Instrumentation Diagram – Hot Water System Phase I		M721
37	Piping & Instrumentation Diagram – Hot Water System Phase II		M722
38			
39	Plumbing Plan Phase I		P111
40			
41	Electrical Symbology & Abbreviations		E002
42	Electrical One Line Demolition		E201
43	Electrical One Line Installation		E202
44	Electrical Power Plan		E301
45	Electrical Power Plan		E302
46	Electrical Demolition Plan Phase I		E401
47	Electrical Demolition Plans Phase II		E402
48	Electrical Power Plan Phase I		E403
49	Electrical Power Plan Phase II		E404
50	Electrical Schedules – Demolition		E901
51	Electrical Schedules		E902
52			
53			
