

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

2
3
4 Division Project No. **22B3U**

6	DIVISION 01 - MEP BIDDING REQUIREMENTS	Pages Thru
7	TITLE PAGE	1
8	TABLE OF CONTENTS	TC-5

9
10 **MEP BIDDING REQUIREMENTS**

11	MEP Invitation to Bid	A-2
12	MEP Instructions to Bidders	B-11
13	Bid Form – Mechanical, Electrical, Plumbing, and Fire Protection (MEP)	C-6
14	Sealed Bid Envelope Label	1
15	Mechanical Electrical Plumbing and Fire Protection (MEP) Bid Bond Form (DOA-4189)	1
16	Designation of Confidential and Proprietary Information Form (DOA-3027)	1

17
18 **DIVISION 01**

19	General Requirements	GR-21
20	01 33 00 Electronic Submittal Procedures	01 33 00-6
21	01 74 19 Construction Waste Management	01 74 19-4
22	01 91 01 Commissioning Process	01 91 01-4

23
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	Submittal Log	SL-3

41
42
43 **VOLUME 2 – Bound Separately**

44 **DIVISION 02 – EXISTING CONDITIONS**

45	Section	Title	
46	02 32 00	Geotechnical Investigation	02 32 00-1
47		Geotechnical Exploration Report	31

48
49 **DIVISION 03 – CONCRETE**

50	Section	Title	
51	03 08 00	Commissioning of Concrete	03 08 00-6
52	03 30 00	Cast-In-Place Concrete	03 30 00-21

53
54 **DIVISION 04 – MASONRY**

55	Section	Title	
56	04 08 00	Commissioning of Masonry	04 08 00-6
57	04 20 00	Unit Masonry	04 20 00-10

1			
2	DIVISION 05 – METALS		
3	Section	Title	
4	05 12 00	Structural Steel	05 12 00-5
5	05 45 00	Metal Support Assemblies	05 45 00-2
6	05 50 00	Metal Fabrications	05 50 00-6
7			
8	DIVISION 06 – WOOD, PLASTICS AND COMPOSITES		
9	Section	Title	
10	06 10 00	Rough Carpentry	06 10 00-2
11	06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
12	06 16 13	Insulating Sheathing	06 16 13-2
13	06 17 53	Metal-Plate-Connected Wood Trusses	06 17 53-8
14	06 41 16	Plastic Laminate Casework & Countertops	06 41 16-4
15	06 60 00	Solid Polymer Fabrications	06 60 00-5
16			
17	DIVISION 07 – THERMAL AND MOISTURE PROTECTION		
18	Section	Title	
19	07 21 00	Building Insulation	07 21 00-3
20	07 25 00	Weather Barriers	07 25 00-7
21	07 42 13	Metal Wall Panels	07 42 13-2
22	07 46 23	Engineered Wood Siding and Trim	07 46 23-3
23	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23-16
24		State of Wisconsin Roofing System 5-yr Guarantee	2
25	07 61 13	Standing Seam Sheet Metal Roofing	07 61 13-22
26		State of Wisconsin – Metal Roofing/Wall Panel System 10-yr Guarantee	2
27	07 63 00	Sheet Metal Roof Specialties	07 63 00-7
28	07 84 00	Fire Stopping	07 84 00-9
29	07 92 00	Joint Sealers	07 92 00-3
30			
31	DIVISION 08 – OPENINGS		
32	Section	Title	
33	08 11 00	Steel Doors and Frames	08 11 00-7
34	08 14 00	Wood Doors	08 14 00-4
35	08 36 13	Overhead Sectional Doors	08 36 13-5
36	08 41 13	Aluminum Framed Entrances and Storefronts	08 41 13-5
37	08 51 13	Aluminum Windows	08 51 13-5
38	08 70 00	Finish Hardware	08 70 00-5
39	08 80 00	Glazing	08 80 00-3
40			
41	DIVISION 09 – FINISHES		
42	Section	Title	
43	09 29 00	Gypsum Board	09 29 00-4
44	09 30 00	Tile	09 30 00-3
45	09 51 00	Acoustical Ceilings	09 51 00-4
46	09 65 00	Resilient Flooring	09 65 00-3
47	09 68 00	Carpet	09 68 00-6
48	09 90 00	Paints and Coatings	09 90 00-5
49			
50	DIVISION 10 – SPECIALTIES		
51	Section	Title	
52	10 11 16	Markerboards	10 11 16-2
53	10 28 13	Toilet Accessories	10 28 13-2
54	10 51 00	Lockers	10 51 00-2
55	10 73 00	Overhead Supported Aluminum Canopy	10 73 00-3
56	10 80 00	Miscellaneous Specialties	10 80 00-2
57			

1	DIVISION 12 – FURNISHINGS		
2	Section	Title	
3	12 24 13	Manual Roller Shades	12 24 13-5
4			
5	DIVISION 22 – PLUMBING		
6	Section	Title	
7	22 05 00	Common Work Results for Plumbing	22 05 00-11
8	22 05 13	Common Motor Requirements for Plumbing	22 05 13-3
9	22 05 14	Plumbing Specialties	22 05 14-6
10	22 05 15	Piping Specialties	22 05 15-4
11	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-6
12	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-6
13	22 07 00	Plumbing Insulation	22 07 00-8
14	22 08 00	Commissioning of Plumbing	22 08 00-64
15	22 11 00	Facility Water Distribution	22 11 00-10
16	22 13 00	Facility Sanitary Sewerage	22 13 00-8
17	22 15 13	General Service Compressed-Air Piping	22 15 13-5
18	22 30 00	Plumbing Equipment	22 30 00-6
19	22 42 00	Commercial Plumbing Fixtures	22 42 00-5
20			
21	VOLUME 3 – Bound Separately		
22			
23	DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING		
24	Section	Title	
25	23 05 00	Common Work Results for HVAC	23 05 00-7
26	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-3
27	23 05 14	Variable Frequency Drives	23 05 14-6
28	23 05 15	Piping Specialties	23 05 15-5
29	23 05 23	General Duty Valves for HVAC	23 05 23-3
30	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-5
31	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-3
32	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-5
33	23 07 00	HVAC Insulation	23 07 00-8
34	23 08 00	Commissioning of HVAC	23 08 00-109
35	23 09 14	Pneumatic and Electric Instrumentation and Controls	23 09 14-11
36	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-7
37	23 11 00	Facility Fuel Piping	23 11 00-5
38	23 21 13	Hydronic Piping	23 21 13-11
39	23 21 23	Hydronic Pumps	23 21 23-3
40	23 23 00	Refrigerant Piping	23 23 00-3
41	23 25 00	HVAC Water Treatment	23 25 00-4
42	23 31 00	HVAC Ducts and Casings	23 31 00-7
43	23 33 00	Air Duct Accessories	23 33 00-4
44	23 34 00	HVAC Fans	23 34 00-3
45	23 37 13	Diffusers, Registers and Grilles	23 37 13-3
46	23 51 00	Breechings, Chimneys and Stacks	23 51 00-3
47	23 52 00	Heating Boilers	23 52 00-4
48	23 54 00	Gas Fired Furnaces	23 54 00-3
49	23 55 00	Fuel Fired Heaters	23 55 00-2
50	23 62 13	Packaged Air-Cooled Refrigerant Compressor and Condensing Units	23 62 13-4
51			
52	DIVISION 26 – ELECTRICAL		
53	Section	Title	
54	26 05 00	Common Work Results for Electrical	26 05 00-8
55	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-3
56	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-6
57	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-6

1	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-3
2	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-12
3	26 05 53	Identification for Electrical Systems	26 05 53-4
4	26 08 00	Commissioning of Electrical	26 08 00-24
5	26 24 16	Panelboards	26 24 16-3
6	26 27 02	Equipment Wiring Systems	26 27 02-5
7	26 27 13	Electricity Metering	26 27 13-2
8	26 27 26	Wiring Devices	26 27 26-6
9	26 27 28	Disconnect Switches	26 27 28-2
10	26 28 13	Fuses	26 28 13-1
11	26 51 13	Interior Lighting Fixtures, Lamps, And Ballasts	26 51 13-7
12			
13		DIVISION 27 – COMMUNICATIONS	
14	Section	Title	
15	27 05 33.41	Raceway and Boxes for Audio-Video Systems	27 05 33.41-3
16	27 05 53	Identification for Communication Systems	27 05 53-7
17	27 08 00	Commissioning of Communications	27 08 00-20
18	27 10 00	Structured Cabling	27 10 00-41
19	27 11 00	Communications Equipment Room Fittings	27 11 00-6
20	27 11 13	Communications Protections	27 11 13-4
21	27 16 19	Communications Patch Cords, Work Area Cords, & Cross Connect Wire	27 16 19-5
22			
23		DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK	
24	Section	Title	
25	30 05 00	Common Work Results for Exterior Work	30 05 00-5
26			
27		DIVISION 31 – EARTHWORK	
28	Section	Title	
29	31 10 00	Site Clearing	31 10 00-2
30	31 20 00	Earthmoving	31 20 00-5
31	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-4
32	31 23 16.13	Trenching	31 23 16.13-8
33	31 23 16.16	Structural Excavation for Minor Structures	31 23 16.16-4
34	31 23 19	Dewatering	31 23 19-3
35	31 25 00	Erosion Control	31 25 00-3
36			
37		DIVISION 32 – EXTERIOR IMPROVEMENTS	
38	Section	Title	
39	32 11 23.33	Dense Graded Base	32 11 23.33-3
40	32 17 23	Pavement Markings	32 17 23-2
41	32 31 13	Chain Link Fencing and Gates	32 31 13-7
42	32 91 13	Soil Preparation	32 91 13-4
43	32 91 13.50	Stormwater Bioinfiltration	32 91 13.50-6
44	32 92 00	Plants	32 92 00-9
45	32 92 19	Seeding	32 92 19-6
46	32 92 20	Native Seeding	32 92 20-7
47			
48		DIVISION 33 – UTILITIES	
49	Section	Title	
50	33 11 00	Water Utility Distribution Piping	33 11 00-9
51	33 30 00	Sanitary Sewerage Utilities	33 30 00-6
52	33 40 00	Storm Drainage Utilities	33 40 00-5
53			
54		APPENDIX	
55		Title	
56		DNR – Endangered Resources Review (ERR Log #23-193)	8
57			

1	DRAWINGS – Bound Separately	
2	Title	Sheets Thru
3	Cover Sheet	G001
4	Emergency Egress Plan	G002
5		
6	Civil	C-
7	Site Survey by Others for Reference Only	1
8	Existing and Demolition Site Plan	C100
9	Site Layout Plan	C101
10	Site Grading Plan and Erosion Control Plan	C301
11	Site Utility Plan	C401
12	Landscape Plan	C601
13	Site Details	C801
14		
15	Architectural	A-
16	Floor Plan	A101
17	Reflected Ceiling Plan	A201
18	Roof Plan	A202
19	Schedules and Details	A301
20	Exterior Elevations	A401
21	Interior Elevations	A501
22	Building Sections	A601
23	Wall Sections and Details	A701
24	Wall Sections and Details	A702
25	Furniture and Equipment Plan	A901
26		
27	Structural	S-
28	Foundation and Slab Plan	S101
29	Roof Framing Plan, Snow Drift Loading Diagram, and Pre-Engineered Wood Truss	S201
30	Loading Diagrams	
31	Structural General Notes and Design Specifications	S301
32	Structural Details	S801
33		
34	Plumbing	P-
35	Sanitary, Vent and Domestic Water Plan	P100
36	Compressed Air Plan	P101
37	Schedules and Details	P300
38	Plumbing Isometrics	P600
39		
40	Mechanical	M-
41	First Floor HVAC Plan and Notes	M101
42	First Floor Mechanical Piping Plan and Notes	M201
43	Mechanical Details	M301
44	Mechanical Schedules	M801
45		
46	Electrical	E-
47	First Floor Lighting Plan	E101
48	First Floor Power and Systems Plan	E201
49	Electrical Schedules and One Line Diagrams	E301
50	Electrical Schedules	E401
51	Electrical Details	E801
52		
53		
54	***	