

1	<b>TABLE OF CONTENTS MEP BIDDERS</b>	<b>(Rev 8/2022)</b>	
2			
3	Division Project No. <b>2112V</b>		
4			
5	<b>DIVISION 01 - MEP BIDDING REQUIREMENTS</b>		<b>Pages Thru</b>
6	TITLE PAGE		1
7	TABLE OF CONTENTS		TC-5
8			
9	<b>MEP BIDDING REQUIREMENTS</b>		
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-5
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	<b>DIVISION 01</b>		
18	General Requirements		GR-17
19	DHS – Contractor Site Access and Working Requirements		4
20	01 74 19 Construction Waste Management		01 74 19-4
21	01 91 01 Commissioning Process		01 91 01-4
22			
23	<b>APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT</b>		
24	<b>DOCUMENTS</b>		
25	Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)		2
26	Request for Submittal Approval (DOA-4523)		1
27	Request for Subcontractors Approval (DOA-4225)		1
28			
29	<b>CONTRACT FORMS</b>		
30	Performance Bond Form (DOA-4188)		2
31	Payment Bond Form (DOA-4187)		2
32	Contract Form (DOA-4504)		2
33			
34	<b>CONDITIONS OF THE CONTRACT</b>		
35	Index to General Conditions		1
36	General Conditions of the General Prime Contractor Contract (DOA-4193P)		34
37	Supplementary General Conditions		SGC-1
38	Submittal Log		SL-2
39			
40	<b><u>SPECIFICATION VOLUME 2</u></b>		
41	<b>DIVISION 02 – EXISTING CONDITIONS</b>		
42	Section Title		
43	02 05 00 Common Work Results for Existing Conditions		02 05 00-4
44	02 41 13 Demolition		02 41 13-6
45	02 41 19 Selective Demolition		02 41 19-4
46	02 82 13 Asbestos Abatement		02 82 13-25
47			
48	<b>DIVISION 03 - CONCRETE</b>		
49	Section Title		<b>Pages Thru</b>
50	03 08 00 Commissioning of Concrete		03 08 00-6
51	03 30 00 Cast-In-Place Concrete		03 30 00-21
52			
53	<b>DIVISION 04 - MASONRY</b>		
54	Section Title		<b>Pages Thru</b>
55	04 08 00 Commissioning of Masonry		04 08 00-6
56	04 20 00 Unit Masonry		04 20 00-9
57			

1			
2			
3	DIVISION 05 - METALS		
4	Section	Title	Pages Thru
5	05 12 00	Structural Steel Framing	05 12 00-10
6	05 31 00	Steel Decking	05 31 00-6
7	05 40 00	Cold-Formed Steel Framing	05 40 00-7
8	05 53 13	Metal Gratings	05 53 13-6
9			
10	DIVISION 06 – WOOD, PLASTICS AND COMPOSITES		
11	Section	Title	Pages Thru
12	06 10 53	Miscellaneous Rough Carpentry	06 10 53-5
13	06 10 53.01	Miscellaneous Rough Carpentry-Roofing	06 10 53.01-2
14			
15	DIVISION 07 - THERMAL AND MOISTURE PROTECTION		
16	Section	Title	Pages Thru
17	07 21 00	Thermal Insulation	07 21 00-4
18	07 27 26	Fluid-Applied Air and Water Resistive Barrier	07 27 26-7
19	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23-18
20	07 53 23	Roofing System 5-yr Guarantee	07 53 23-2
21	07 63 00	Sheet Metal Roofing Specialties	07 63 00-5
22	07 84 00	Firestopping	07 84 00-9
23	07 92 10	Joint Sealants	07 92 10-6
24			
25	DIVISION 08 - OPENINGS		
26	Section	Title	Pages Thru
27	08 11 13	Hollow Metal Doors and Frames	08 11 13-8
28	08 36 13	Sectional Doors	08 36 13-8
29	08 44 13	Glazed Aluminum Curtain Walls	08 44 13-8
30	08 44 13	Window Guarantee	08 44 13-2
31	08 71 00	Door Hardware	08 71 00-11
32	08 80 00	Glazing	08 80 00-8
33			
34	DIVISION 09 - FINISHES		
35	Section	Title	Pages Thru
36	09 22 16	Non-Structural Metal Framing	09 22 16-3
37	09 29 00	Gypsum Board	09 29 00-7
38	09 90 00	Painting and Coating (Professional Line Products)	09 90 00-10
39			
40	DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING		
41	Section	Title	Pages Thru
42	23 05 00	Common Work Results for HVAC	23 05 00-7
43	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-3
44	23 05 14	Variable Frequency Drives	23 05 14-5
45	23 05 15	Piping Specialties	23 05 15-5
46	23 05 23	General Duty Valves for HVAC	23 05 23-10
47	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-7
48	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-4
49	23 07 00	HVAC Insulation	23 07 00-10
50	23 08 00	Commissioning of HVAC	23 08 00-53
51	23 09 10	Instrumentation and Controls HMI	23 09 10-6
52	23 09 14	Pneumatic and Electric Controls	23 09 14-16
53	23 11 00	Facility Fuel Piping	23 11 00-7
54	23 15 13	General Service Compressed Air Piping	23 15 13-5
55	23 22 13	Steam and Condensate Heating Piping	23 22 13-8
56	23 25 00	HVAC Water Treatment	23 25 00-6
57	23 51 00	Breeching and Stacks	23 51 00-4

1	23 52 15	Boiler and Economizer Installation	23 52 15-8
2	23 53 10	Facility Conditioned Water Distribution Piping	23 53 10-6
3	23 55 50	Boiler and Economizer (Pre-Purchase for Information Only)	23 55 50-39
4	23 81 26	Split-System Ductless Air-Conditioners	23 81 26-6
5			
6	DIVISION 26 - ELECTRICAL		
7	Section	Title	Pages Thru
8	26 05 00	Common Work Results for Electrical	26 05 00-7
9	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
10	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-3
11	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-5
12	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
13	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-3
14	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-3
15	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-7
16	26 05 53	Identification for Electrical Systems	26 05 53-4
17	26 05 73	Short Circuit/Coordination Study and Arc Flash Risk Assessment	26 05 73-5
18	26 08 00	Commissioning of Electrical	26 08 00-43
19	26 22 00	Low-Voltage Transformers	26 22 00-3
20	26 24 13	Switchboards	26 24 13-6
21	26 24 16	Panelboards	26 24 16-3
22	26 27 02	Equipment Wiring Systems	26 27 02-3
23	26 27 13	Electricity Metering	26 27 13-4
24	26 27 26	Wiring Devices	26 27 26-4
25	26 27 28	Disconnect Switches	26 27 28-2
26	26 28 13	Fuses	26 28 13-1
27	26 43 13	Surge Protective Devices for Low-Voltage Electrical Power Circuits	26 43 13-3
28	26 51 13	Interior Lighting Fixtures, Lamps, And Ballasts	26 51 13-5
29			
30	DIVISION 31 - EARTHWORK		
31	Section	Title	Pages Thru
32	31 23 16.16	Structural Excavation for Minor Structures	31 23 16.16-4
33	31 25 00	Erosion Control	31 25 00-4
34			
35	DRAWINGS - Bound Separately		
36	Title		Sheets Thru
37	Title Sheet		T000
38	Sheet Index		T001
39			
40	Demolition Plan – Level 01		A101
41	Demolition Details		A102
42	New Work Plan – Level 01		A201
43	New Work Plan - Roof		A202
44	Reflected Ceiling Plan – Level 01		A301
45	Wall Section and Exterior Details		A510
46			
47	Site Plan		C100
48			
49	Basement Plan – Asbestos Abatement/Demolition – Area B		H100B
50	First Floor Plan – Asbestos Abatement/Demolition – Area B		H101B
51	Mezzaine Plan – Asbestos Abatement/Demolition – Area B		H102B
52	Upper Walkway Plan – Asbestos Abatement/Demolition – Area B		H103B
53	Roof Plan – Asbestos Abatement/Demolition – Area B		H104B
54	Original Plan – Boiler No. 3 – Side View		H400
55	Original Plan – Boiler No. 3 – Section thru Boiler		H401
56	Original Plan – General Arrangement Harrington Std. Stoker		H402
57	Original Plan – Foundation Plan for Harr. Std.		H403

1	Original Plan – Arrangement of Foundation, Steel for Boiler & Stoker Support	H404
2	Photographs – Asbestos Abatement/Demolition	H500
3		
4	Structural Notes	S001
5	Baghouse First Floor Demolition Plan – Area A	S101A
6	Main First Floor Demolition Plan – Area B	S101B
7	Baghouse Mezzanine Floor Demolition Plan – Area A	S103A
8	Main Mezzanine Floor Demolition Plan – Area B	S103B
9	Baghouse Roof Demolition Plan – Area A	S104A
10	Main Foundation Plan – Area B	S200B
11	Baghouse First Floor Foundation Plan – Area A	S201A
12	Main First Floor Framing Plan – Area B	S201B
13	Main Mezzanine Floor Framing Plan – Area B	S202B
14	Baghouse Mezzanine Floor Framing Plan – Area A	S203A
15	Baghouse Roof Framing Plan – Area A	S204A
16	Main Roof Framing Plan – Area B	S204B
17	Structural Details	S800
18	Structural Details	S810
19	Structural Details	S811
20		
21	Mechanical Symbols, Abbreviations, Sheet Index	M000
22	Basement Plan - Demolition – Area B	M100B
23	Baghouse First Floor Plan - Demolition - Area A	M101A
24	First Floor Plan - Demolition - Area B	M101B
25	Mezzanine Plan - Demolition – Area B	M102B
26	Baghouse Mezzanine Level Plan – Demolition – Area A	M103A
27	Upper Walkway Plan – Demolition – Area B	M103B
28	Roof Plan – Demolition – Area B	M104B
29	Basement Plan – New Construction – Area B	M200B
30	Baghouse First Floor Plan – New Construction – Area A	M201A
31	First Floor Plan – New Construction – Area B	M201B
32	Mezzanine Plan – New Construction – Area B	M202B
33	Baghouse Mezzanine Level Plan – New Construction – Area A	M203A
34	Upper Walkway Plan – New Construction – Area B	M203B
35	Baghouse Roof Plan – New Construction – Area A	M204A
36	Roof Plan – New Construction – Area B	M204B
37	Mechanical Sections	M300
38	Mechanical Sections	M301
39	Mechanical Sections	M302
40	Mechanical Sections	M303
41	Network Architecture	M400
42	Boiler 3 Demolition	M401
43	Boiler 5 P&ID Schematic	M402
44	Boiler 5 Instrument Schedule	M403
45	High Pressure Steam Demolition Schematic	M406
46	High Pressure Steam New Schematic	M407
47	Condensate Schematic	M408
48	Boiler Blowdown Demolition Schematic	M409
49	Boiler Blowdown New Schematic	M410
50	Boiler Feedwater Demolition Schematic	M411
51	Boiler Feedwater New Schematic	M412
52	Low Pressure Steam Schematic	M413
53	Fuel Oil Schematic	M414
54	Compressed Air Schematic	M415
55	Natural Gas Schematic	M416
56	Chemical Treatment Schematic	M417
57	Mechanical Details	M500

1	Mechanical Details	M501
2	Mechanical Schedules	M600
3		
4	Symbols, Abbreviations & Sheet Index	E000
5	First Floor Plan - Demolition - Area A	E101A
6	First Floor Plan - Demolition - Area B	E101B
7	Mezzanine Plan - Demolition Plan – Area A	E102A
8	Mezzanine Plan - Demolition Plan – Area B	E102B
9	Basement Plan – New Construction – Area B	E200B
10	Basement Plan – New Construction – Chiller Plant – Area C	E200C
11	First Floor Plan– New Construction -Area A	E201A
12	First Floor Plan – New Construction - Area B	E201B
13	First Floor Plan – New Construction – Area C	E201C
14	Mezzanine Plan – New Construction – Area A	E202A
15	Mezzanine Plan – New Construction – Area B	E202B
16	Coal Conveyor – Floor Plan	E203
17	One Line Diagram – Symbols and Feeder Schedules	E400
18	One Line Diagram	E401
19	One Line Diagram – Continued	E402
20	One Line Diagram – Continued	E403
21	Electrical Details	E500
22	Electrical Schedules	E600
23	Electrical Schedules	E601
24		
25		
26		
27	***	