

1	<b>TABLE OF CONTENTS MEP BIDDERS (Rev 1/2023)</b>		
2	VOLUME 1		
3			
4	Division Project No. <b>21120</b>		
5			
6	DIVISION 01 - MEP BIDDING REQUIREMENTS		Pages Thru
7	TITLE PAGE		1
8	TABLE OF CONTENTS		TC-6
9			
10	<b>MEP BIDDING REQUIREMENTS</b>		
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-7
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	<b>DIVISION 01</b>		
19	General Requirements		GR-20
20	01 32 33 Photographic Documentation		01 32 33-2
21	01 33 00 Electronic Submittal Procedures		01 33 00-6
22	01 35 91 Historic Protection Procedures		01 35 91-6
23	01 74 19 Construction Waste Management		01 74 19-4
24	01 91 01 Commissioning Process		01 91 01-4
25			
26	<b>APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT</b>		
27	<b>DOCUMENTS</b>		
28	Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)		2
29	Request for Submittal Approval (DOA-4523)		1
30	Request for Subcontractors Approval (DOA-4225)		1
31			
32	<b>CONTRACT FORMS</b>		
33	Performance Bond Form (DOA-4188)		2
34	Payment Bond Form (DOA-4187)		2
35	Contract Form (DOA-4504)		2
36			
37	<b>CONDITIONS OF THE CONTRACT</b>		
38	Index to the General Conditions		1
39	General Conditions of the General Prime Contractor Contract (DOA-4193P)		34
40	Supplementary General Conditions		SGC-5
41	Submittal Log		SL-3
42			
43	<b>VOLUME 2</b>		
44	<b>DIVISION 02 – EXISTING CONDITIONS</b>		
45	Section	Title	
46	02 05 00	Common Work Results for Existing Conditions	02 05 00-4
47	02 41 19	Selective Demolition	02 41 19-6
48			
49	<b>DIVISION 03 – CONCRETE</b>		
50	Section	Title	
51	03 01 30	Maintenance of Cast-In-Place Concrete	03 01 30-7
52	03 30 00	Cast-In-Place Concrete	03 30 00-12
53			
54	<b>DIVISION 04 – MASONRY</b>		
55	Section	Title	
56	04 01 20	Clay Masonry and Stone Restoration	04 01 20-17
57	04 01 20.01	Masonry Materials Analysis	04 01 20.01-29

1	04 08 00	Commissioning of Masonry	04 08 00-6
2	04 20 00	Unit Masonry	04 20 00-9
3			
4	<b>DIVISION 05 – METAL FABRICATIONS</b>		
5	Section	Title	
6	05 40 00	Cold-Formed Metal Framing	05 40 00-5
7	05 50 00	Metal Fabrications	05 50 00-4
8			
9	<b>DIVISION 06 – WOOD, PLASTICS AND COMPOSITES</b>		
10	Section	Title	
11	06 03 12	Historic Wood Repair	06 03 12-8
12	06 10 00	Rough Carpentry	06 10 00-6
13	06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
14	06 20 13	Exterior Finish Carpentry	06 20 13-7
15	06 40 23	Interior Architectural Woodwork	06 40 23-7
16	06 73 00	Decorative Railing and Components	06 73 00-6
17			
18	<b>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</b>		
19	Section	Title	
20	07 01 50.19	Preparation for Reroofing	07 01 50.19-6
21	07 11 13	Bituminous Dampproofing	07 11 13-5
22	07 31 13	Asphalt Shingles	07 31 13-17
23		DOA-4522-Roof-5yr-Guarantee	2
24	07 42 13	Metal Wall Panels	07 42 13-6
25	07 52 16	SBS Modified Asphalt Bituminous Roofing	07 52 16-10
26		DOA-4522-Roof-5yr- Guarantee	2
27	07 61 13	Standing Seam Sheet Metal Roofing	07 61 13-18
28		DOA-4522-Roof-5yr-Guarantee	2
29	07 62 00	Sheet Metal Flashing and Trim	07 62 00-8
30	07 63 00	Sheet Metal Roofing Specialties	07 63 00-8
31	07 92 00	Joint Sealants	07 92 00-7
32			
33	<b>DIVISION 08 – OPENINGS</b>		
34	Section	Title	
35	08 11 13	Hollow Metal Doors and Frames	08 11 13-7
36	08 14 33	Stile and Rail Wood Doors	08 14 33-6
37	08 52 00	Wood Windows	08 52 00-6
38	08 52 70	Wood Doors and Windows Restoration	08 52 70-11
39	08 71 00	Door Hardware	08 71 00-14
40			
41	<b>DIVISION 09 – FINISHES</b>		
42	Section	Title	
43	09 01 90.52	Maintenance Repainting	09 01 90.52-13
44	09 21 00	Gypsum Plaster Repair and Restoration	09 21 00-10
45	09 26 13	Plaster Veneer and Base	09 26 13-6
46	09 91 13	Exterior Painting	09 91 13-8
47	09 91 23	Interior Painting	09 91 23-7
48			
49	<b>DIVISION 14 – CONVEYING SYSTEMS</b>		
50	Section	Title	
51	14 42 00	Wheelchair Lifts	14 42 00-7
52			
53	<b>VOLUME 3</b>		
54	<b>DIVISION 21 – FIRE SUPPRESSION</b>		
55	Section	Title	
56	21 05 00	Common Work Results for Fire Suppression	21 05 00-7
57	21 05 29	Hangers and Supports for Fire Protection Piping and Equipment	21 05 29-5

1	21 08 00	Commissioning of Fire Protection	21 08 00-10
2	21 10 00	Water-Based Fire Protection Systems	21 10 00-11
3			
4	<b>DIVISION 22 – PLUMBING</b>		
5	Section	Title	
6	22 05 00	Common Work Results for Plumbing	22 05 00-10
7	22 05 13	Common Motor Requirements for Plumbing	22 05 13-2
8	22 05 14	Plumbing Specialties	22 05 14-4
9	22 05 15	Piping Specialties	22 05 15-3
10	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-4
11	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-4
12	22 07 00	Plumbing Insulation	22 07 00-6
13	22 08 00	Commissioning of Plumbing	22 08 00-53
14	22 11 00	Facility Water Distribution	22 11 00-9
15	22 13 00	Facility Sanitary Sewerage	22 13 00-7
16	22 14 00	Facility Storm Drainage	22 14 00-7
17	22 30 00	Plumbing Equipment	22 30 00-4
18	22 42 00	Commercial Plumbing Fixtures	22 42 00-3
19			
20	<b>DIVISION 23 – HEATING, VENTILATING AND AIR CONDITIONING</b>		
21	Section	Title	
22	23 05 00	Common Work Results for HVAC	23 05 00-7
23	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-3
24	23 05 15	Piping Specialties	23 05 15-4
25	23 05 23	General Duty Valves for HVAC	23 05 23-3
26	23 05 29	Hangers and Supports for HVAC Piping and Equipment	23 05 29-5
27	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment	23 05 48-3
28	23 05 93	Testing, Adjusting and Balancing for HVAC	23 05 93-5
29	23 07 00	HVAC Insulation	23 07 00-10
30	23 08 00	Commissioning of HVAC	23 08 00-63
31	23 21 13	Hydronic Piping	23 21 13-9
32	23 21 13.33	Ground-Looping Heat-Pump Piping	23 21 13.33-2
33	23 25 00	HVAC Water Treatment	23 25 00-4
34	23 31 00	HVAC Ducts and Casings	23 31 00-7
35	23 33 00	Air Duct Accessories	23 33 00-3
36	23 37 13	Diffusers, Registers and Grilles	23 37 13-3
37	23 41 00	Particulate Air Filtration	23 41 00-3
38	23 81 46	SF-Water-Source Unitary Heat Pumps	23 81 46-4
39	23 84 13	Humidifiers	23 84 13-2
40			
41	<b>DIVISION 26 – ELECTRICAL</b>		
42	Section	Title	
43	26 05 00	Common Work Results for Electrical	26 05 00-7
44	26 05 02	Electrical Demolition for Remodeling	26 05 02-2
45	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-2
46	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-5
47	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-2
48	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-5
49	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
50	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-10
51	26 05 53	Identification for Electrical Systems	26 05 53-3
52	26 08 00	Commissioning of Electrical	26 08 00-32
53	26 24 16	Panelboards	26 24 16-3
54	26 27 02	Equipment Wiring Systems	26 27 02-3
55	26 27 26	Wiring Devices	26 27 26-6
56	26 27 28	Disconnect Switches	26 27 28-2
57	26 33 23.11	Central Battery Equipment for Emergency Lighting	26 33 23.11-5

1	26 51 13	Interior Lighting Fixtures, Lamps, and Ballasts	26 51 13-5
2			
3			
4	<b>DIVISION 28 – ELECTRONIC SAFETY AND SECURITY</b>		
5	Section	Title	
6	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-17
7	28 31 00	Fire Detection and Alarm	28 31 00-30
8			
9	<b>DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK</b>		
10	Section	Title	
11	30 05 00	Common Work Results for All Exterior Work	30 05 00-4
12			
13	<b>DIVISION 31 – EARTHWORK</b>		
14	Section	Title	
15	31 10 00	Site Clearing	31 10 00-2
16	31 20 00	Earthmoving	31 20 00-5
17	31 23 16.13	Trenching	31 23 16.13-7
18	31 23 16.16	Structural Excavation for Minor Structures	31 23 16.16-4
19	31 23 19	Dewatering	31 23 19-3
20	31 25 00	Erosion Control	31 25 00-4
21	31 63 29	Drilled Concrete Piers	31 63 29-4
22			
23	<b>DIVISION 32 – EXTERIOR IMPROVEMENTS</b>		
24	Section	Title	
25	32 11 23.33	Dense Graded Base	32 11 23.33-3
26	32 91 13	Soil Preparation	32 91 13-4
27	32 92 19	Seeding	32 92 19-6
28			
29	<b>DIVISION 33 – UTILITIES</b>		
30	Section	Title	
31	33 11 00	Water Utility	33 11 00-13
32	33 30 00	Sanitary	33 30 00-10
33			
34	<b>DRAWINGS – Bound Separately</b>		
35	Title		Sheets Thru
36			
37	Title Sheet		T001
38	Overall Site Staging and Access Plan		T002
39	Code Review Plans		T101
40	Site Plan – Demolition		T201
41	Site Plan		T301
42	Site Details		T302
43			
44	Structural		
45	General Notes		S000
46	General Notes		S001
47	Foundation Plan		S100
48	First Floor Framing Plan		S101
49	Second Floor Framing Plan		S102
50	Roof Framing Plan		S103
51	Sections		S201
52			
53	Architectural		
54	Architectural Symbols and Abbreviations		A001
55	Basement Demolition Plan		AD100
56	First Floor Demolition Plan		AD101
57	Second Floor Demolition Plan		AD102

1	Roof Demolition Plan	AD103
2	Basement Plan	A100
3	First Floor Plan	A101
4	Second Floor Plan	A102
5	Roof Plan	A103
6	Reflected Ceiling Plan	A150
7	North & West Exterior Elevations	A201
8	South & East Exterior Elevations	A202
9	East-West Section (North Half with Vault)	A301
10	East-West Section (South Half)	A302
11	North-South Section (East)	A303
12	East Vault, South, West Wall Sections	A351
13	Wall Details	A401
14	Wall Details	A402
15	Roof Details	A403
16	Roof Details	A404
17	Roof Details	A405
18	Roof Details	A406
19	Vault Roof Details	A407
20	Vault Roof Details	A408
21	Porch Roof Details	A409
22	Porch Details	A501
23	Deck Details	A502
24	Lift Details	A503
25	Stairs Details	A504
26	Finish Schedule	A601
27	First Floor Interior Elevations	A602
28	Second Floor Interior Elevations	A603
29	Plaster Repair Interior Elevations	A621
30	Door & Frame Types & Schedule	A701
31	Window Types	A702
32	Replacement Window Details	A703
33		
34		
35	Fire Protection	
36	Fire Protection Notes, and Legend	FP001
37	Fire Protection Construction Plan Basement	FP100
38	Fire Protection Construction Plan First Floor	FP101
39	Fire Protection Construction Plan Second Floor	FP102
40		
41	Plumbing	
42	Plumbing Notes, Details, Legend, and Schedules	P001
43	Plumbing Isometric Diagrams	P002
44	Plumbing Demolition Plan Basement	P100
45	Plumbing Demolition Plan First Floor	P101
46	Plumbing Demolition Plan Second Floor	P102
47	Plumbing Construction Plan Basement	P110
48	Plumbing Construction Plan First Floor	P111
49	Plumbing Construction Plan Second Floor	P112
50		
51	Mechanical	
52	Mechanical Notes, Legend, and Schedules	M001
53	Mechanical Details	M002
54	Mechanical Demolition Plan Basement	M100
55	Mechanical Demolition Plan First Floor	M101
56	Mechanical Demolition Plan Second Floor	M102
57	Mechanical Construction Plan Basement	M110

1	Mechanical Construction Plan First Floor	M111
2	Mechanical Construction Plan Second Floor/Attic	M112
3		
4	Electrical	
5	Electrical Notes, Legend, Schedules, & Details	E001
6	Electrical Schedules	E002
7	Electrical Demolition Plan – Basement	E100
8	Electrical Demolition Plan – First Floor	E101
9	Electrical Demolition Plan – Second Floor	E102
10	Electrical Construction Plan – Basement	E110
11	Electrical Construction Plan – First Floor	E111
12	Electrical Construction Plan – Second Floor	E112
13	Electrical Fire Alarm Construction Plan – Basement	E120
14	Electrical Fire Alarm Construction Plan - First Floor	E121
15	Electrical Fire Alarm Construction Plan – Second Floor	E122
16	Electrical Egress Lighting Plan	E130
17		
18		
19		
20	***	