

1	<b>TABLE OF CONTENTS MEP BIDDERS</b>	<b>(Rev 8/2022)</b>	
2			
3	Division Project No. <b>20A3LREBID2</b>		
4			
5	<b>DIVISION 01 - MEP BIDDING REQUIREMENTS</b>		<b>Pages Thru</b>
6	TITLE PAGE		1
7	TABLE OF CONTENTS		TC-6
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-6
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-21
19	01 74 19 Construction Waste Management		01 74 19-4
20	01 91 01 Commissioning Process		01 91 01-4
21			
22	<b>APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT</b>		
23	<b>DOCUMENTS</b>		
24	Form A - Affidavit of Compliance – MBE / DVB Provisions (DOA-4266)		2
25	Request for Submittal Approval (DOA-4523)		1
26	Request for Subcontractors Approval (DOA-4225)		1
27			
28	<b>CONTRACT FORMS</b>		
29	Performance Bond Form (DOA-4188)		2
30	Payment Bond Form (DOA-4187)		2
31	Contract Form (DOA-4504)		2
32			
33	<b>CONDITIONS OF THE CONTRACT</b>		
34	Index to General Conditions		1
35	General Conditions of the General Prime Contractor Contract (DOA-4193P)		34
36	Supplementary General Conditions		SGC-1
37	Submittal Log		SL-4
38			
39	<b>VOLUME 2</b>		
40	<b>DIVISION 02 – EXISTING CONDITIONS</b>		
41	Section Title		
42	02 41 13 Selective Removal		02 41 13-3
43			
44	<b>DIVISION 03 - CONCRETE</b>		
45	Section Title		
46	03 30 00 Cast-In-Place Concrete		03 30 00-11
47	03 41 00 Precast Structural Concrete		03 41 00-8
48			
49	<b>DIVISION 04 - MASONRY</b>		
50	Section Title		
51	04 08 00 Commissioning of Masonry		04 08 00-10
52	04 20 00 Unit Masonry		04 20 00-13
53	04 72 00 Architectural Cast Stone		04 72 00-6
54			
55			
56			
57			

1	<b>DIVISION 05 - METALS</b>		
2	Section	Title	
3	05 12 00	Structural Steel Framing	05 12 00-5
4	05 50 00	Metal Fabrications	05 50 00-3
5	05 52 17	Rooftop Fall Protection	05 52 17-3
6			
7	<b>DIVISION 06 – WOOD, PLASTICS AND COMPOSITES</b>		
8	Section	Title	
9	06 10 00	Rough Carpentry	06 10 00-4
10	06 10 53.01	Miscellaneous Rough Carpentry – Roofing	06 10 53.01-2
11	06 61 00	Solid Surface Stools	06 61 00-2
12			
13	<b>DIVISION 07 - THERMAL AND MOISTURE PROTECTION</b>		
14	Section	Title	
15	07 08 00	Commissioning of Thermal and Moisture Protection	07 08 00-13
16	07 20 00	Building Insulation	07 20 00-4
17	07 27 26	Fluid Applied Air / Vapor Barriers	07 27 26-4
18	07 53 23	Ethylene-Propylene-Diene-Monomer Roofing	07 53 23-14
19	07 60 00	Sheet Metal Flashings	07 60 00-6
20	07 63 00	Sheet Metal Roofing Specialties	07 63 00-6
21	07 84 00	Fire Stopping	07 84 00-8
22	07 92 00	Sealants	07 92 00-4
23			
24	<b>DIVISION 08 - OPENINGS</b>		
25	Section	Title	
26	08 08 00	Commissioning of Exterior Building Envelope	08 08 00-4
27	08 11 00	Metal Doors and Frames	08 11 00-4
28	08 14 16	Flush Wood Doors	08 14 16-4
29	08 31 00	Access Doors and Hatches	08 31 00-3
30	08 41 00	Aluminum Storefront	08 41 00-7
31	08 44 13	Glazed Aluminum Curtain Walls	08 44 13-9
32	08 71 00	Door Hardware	08 71 00-8
33	08 81 00	Insulated Glass Units	08 81 00-9
34			
35	<b>DIVISION 09 - FINISHES</b>		
36	Section	Title	
37	09 26 00	Gypsum Board Assemblies	09 26 00-6
38	09 30 00	Tile	09 30 00-7
39	09 51 23	Acoustical Tile Ceilings	09 51 23-2
40	09 65 00	Resilient Floor, Base, and Accessories	09 65 00-4
41	09 68 00	Carpet	09 68 00-5
42	09 91 00	Painting and Coating	09 91 00-4
43			
44	<b>DIVISION 10 - SPECIALTIES</b>		
45	Section	Title	
46	10 28 00	Interior Accessories	10 28 00-4
47			
48	<b>DIVISION 12 - FURNISHINGS</b>		
49	Section	Title	
50	12 35 30	Plastic Laminate Casework	12 35 30-2
51			
52	<b>DIVISION 14 - CONVEYING SYSTEMS</b>		
53	Section	Title	
54	14 08 00	Commission of Conveying System	14 08 00-3
55	14 21 20	LULA Elevator	14 21 20-17
56			
57			

1	<b>DIVISION 22 - PLUMBING</b>		
2	Section	Title	
3	22 05 00	Common Work Results for Plumbing	22 05 00-10
4	22 05 13	Common Motor Requirements for Plumbing	22 05 13-2
5	22 05 14	Plumbing Specialties	22 05 14-5
6	22 05 15	Piping Specialties	22 05 15-3
7	22 05 23	General Duty Valves for Plumbing Piping	22 05 23-4
8	22 05 29	Hangers and Supports for Plumbing Piping and Equipment	22 05 29-5
9	22 07 00	Plumbing Insulation	22 07 00-7
10	22 08 00	Commissioning of Plumbing	22 08 00-41
11	22 11 00	Facility Water Distribution	22 11 00-8
12	22 13 00	Facility Sanitary Sewerage	22 13 00-7
13	22 14 00	Facility Storm Drainage	22 14 00-8
14	22 30 00	Plumbing Equipment	22 30 00-3
15	22 42 00	Commercial Plumbing Fixtures	22 42 00-4

16

17 **VOLUME 3**

18 **DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING**

19	Section	Title	
20	23 01 30.51	HVAC Air Duct Cleaning	23 01 30.51-3
21	23 05 00	Common Work Results for HVAC	23 05 00-7
22	23 05 13	Common Motor Requirements for HVAC Equipment	23 05 13-3
23	23 05 14	Variable Frequency Drives	23 05 14-6
24	23 05 15	Piping Specialties	23 05 15-5
25	23 05 23	General Duty Valves for HVAC	23 05 23-5
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 48-4
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 00-150
31	23 09 14	Pneumatic and Electric Controls	23 09 14-18
32	23 09 15	Direct Digital Control Input/Output Point Summary Tables	23 09 15-7
33	23 09 24	Direct Digital Control System for HVAC	23 09 24-14
34	23 09 93	Sequence of Operation for HVAC Controls	23 09 93-11
35	23 11 00	Facility Fuel Piping	23 11 00-7
36	23 21 13	Hydronic Piping	23 21 13-11
37	23 21 23	Hydronic Pumps	23 21 23-3
38	23 23 00	Refrigerant Piping	23 23 00-3
39	23 25 00	HVAC Water Treatment	23 25 00-4
40	23 31 00	HVAC Ducts and Casings	23 31 00-7
41	23 33 00	Air Duct Accessories	23 33 00-5
42	23 34 00	HVAC Fans	23 34 00-3
43	23 36 00	Air Terminal Units	23 36 00-4
44	23 37 13	Diffusers, Registers and Grilles	23 37 13-2
45	23 41 00	Particulate Air Filtration	23 41 00-3
46	23 51 00	Breechings, Chimneys and Stacks	23 51 00-3
47	23 52 00	Heating Boilers	23 52 00-4
48	23 62 13	Packaged Air-Cooled Refrigerant Compressor and Condensing Units	23 62 13-4
49	23 73 12	Air Handling Unit Coils	23 73 12-3
50	23 73 13	Modular Indoor Central-Station Air-Handling Units	23 73 13-6
51	23 81 26	Split-System Ductless Air-Conditioners	23 81 26-6
52	23 82 00	Heating and Cooling Terminal Units	23 82 00-3
53	23 83 16	Radiant-Heating Hydronic Piping	23 83 16-4

54

55

56

57

1	<b>VOLUME 4</b>		
2	<b>DIVISION 26 - ELECTRICAL</b>		
3	Section	Title	
4	26 05 00	Common Work Results for Electrical	26 05 00-7
5	26 05 02	Electrical Demolition for Remodeling	26 05 02-3
6	26 05 04	Cleaning, Inspection and Testing of Electrical Equipment	26 05 04-3
7	26 05 19	Low-Voltage Electrical Power Conductors and Cables	26 05 19-6
8	26 05 23	Control-Voltage Electrical Power Cables	26 05 23-3
9	26 05 26	Grounding and Bonding for Electrical Systems	26 05 26-5
10	26 05 29	Hangers and Supports for Electrical Systems	26 05 29-4
11	26 05 33	Raceway and Boxes for Electrical Systems	26 05 33-11
12	26 05 53	Identification for Electrical Systems	26 05 53-3
13	26 05 73	Short Circuit/Coordination and Arc Flash Risk Assessment	26 05 73-5
14	26 24 16	Panelboards	26 24 16-3
15	26 27 26	Wiring Devices	26 27 26-6
16	26 27 28	Disconnect Switches	26 27 28-2
17	26 28 13	Fuses	26 28 13-1
18	26 51 13	Interior Lighting Fixtures, Lamps and Ballasts	26 51 13-7
19			
20	<b>DIVISION 27 - COMMUNICATIONS</b>		
21	Section	Title	
22	27 05 53	Identification for Communication Systems	27 05 53-6
23	27 08 00	Commissioning of Communications	27 08 00-18
24	27 10 00	Structured Cabling	27 10 00-26
25	27 11 00	Communications Room Equipment Fittings	27 11 00-4
26	27 11 13	Communications Protection	27 11 13-3
27			
28	<b>DIVISION 28 – ELECTRONIC SAFETY AND SECURITY</b>		
29	Section	Title	
30	28 08 00	Commissioning of Electronic Safety and Security	28 08 00-16
31	28 10 00	Access Control	28 10 00-10
32	28 23 00	Video Surveillance System	28 23 00-7
33	28 31 00	Fire Detection and Alarm	28 31 00-31
34			
35	<b>DIVISION 30 – COMMON WORK RESULTS FOR ALL EXTERIOR WORK</b>		
36	Section	Title	
37	30 05 00	Common Work Results for Exterior Work	30 05 00-5
38			
39	<b>DIVISION 31 - EARTHWORK</b>		
40	Section	Title	
41	31 20 00	Earthmoving	31 20 00-6
42	31 22 16.15	Roadway Subgrade Preparation	31 22 16.15-4
43	31 25 00	Erosion Control	31 25 00-5
44			
45	<b>DIVISION 32 – EXTERIOR IMPROVEMENTS</b>		
46	Section	Title	
47	32 11 23.33	Dense Graded Base	32 11 23.33-3
48	32 12 16.13	Plant Mix Asphalt Paving	32 12 16.13-2
49	32 92 00	Mineral Mulch	32 92 00-2
50	32 92 19	Seeding	32 92 19-3
51			
52	<b>DIVISION 33 - UTILITIES</b>		
53	Section	Title	
54	33 40 00	Storm Drainage Utilities	33 40 00-11
55			
56			
57			

1	<b>DRAWINGS - Bound Separately</b>	
2	Title	Sheets Thru
3	TITLE SHEET AND INDEX	T100
4	CODE INFORMATION, ABBREVIATIONS AND SYMBOLS	G101
5	SITE ACCESS, STAGING, DUST CONTROL, AND NOTES	G102
6		
7	SITE DETAILS	C100
8	EXISTING CONDITIONS	C200
9	DEMOLITON PLAN	C250
10	EROSION CONTROL PLAN	C300
11	GRADING AND UTILITY PLAN	C400
12	ARCHITECTURAL SITE PLAN AND DETAILS	AC100
13		
14	ARCHITECTURAL LOWER LEVEL PLAN - DEMOLITION	AD100
15	ARCHITECTURAL FIRST FLOOR PLAN - DEMOLITION	AD101
16	ARCHITECTURAL LOWER LEVEL FLOOR PLAN	A200
17	ARCHITECTURAL FIRST FLOOR PLAN	A201
18	ROOF PLAN AND DETAILS	A203
19	ARCHITECTURAL LOWER LEVEL REFLECTED CEILING PLAN	A220
20	ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN	A221
21	BUILDING ELEVATIONS	A300
22	BUILDING SECTION	A301
23	BUILDING SECTION	A302
24	BUILDING SECTION	A303
25	BUILDING SECTION	A304
26	BUILDING SECTION	A305
27	BUILDING SECTION	A306
28	BUIDLING SECTION	A307
29	WALL SECTIONS	A310
30	WALL SECTIONS	A311
31	WALL SECTIONS	A312
32	WALL SECTIONS	A313
33	WALL SECTIONS	A314
34	PLAN AND WALL SECTIONS - LOWER LEVEL CANOPY	A315
35	PLAN DETAILS	A501
36	SECTION DETAILS	A502
37	SECTION DETAILS	A503
38	PARTITION TYPES AND DETAILS	A601
39	ROOM FINISH PLAN AND SCHEDULE, DOOR SCHEDULE	A602
40	CASEWORK ELEVATIONS	A603
41	CASEWORK SECTIONS	A604
42	ENLARGED PLANS	A605
43	DOOR SCHEDULE, CURTAINWALL ELEVATIONS, AND DETAILS	A606
44		
45	DEMOLITION PLANS	SD100
46	STRUCTURAL NOTES, LEGENDS AND SCHEDULES	S100
47	FOUNDATION PLAN	S200
48	FIRST FLOOR AND ROOF FRAMING PLANS	S201
49	STRUCTURAL DETAILS	S501
50	STRUCTURAL DETAILS	S502
51		
52	PLUMBING GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	P000
53	PLUMBING LOWER LEVEL DEMOLITION PLAN	PD100
54	PLUMBING UNDER FLOOR DEMOLITION PLAN	PD100U
55	PLUMBING FIRST FLOOR DEMOLITION PLAN	PD101
56	PLUMBING LOWER LEVEL NEW WORK PLAN	P200
57	PLUMBING UNDER FLOOR NEW WORK PLAN	P200U

1	PLUMBING FIRST FLOOR PLAN NEW WORK	P201
2	PLUMBING ISOMETRICS	P300
3	PLUMBING DETAILS	P400
4		
5	MECHANICAL SYMBOLS, ABBREVIATIONS, AND VENTILATION REQUIRMENTS	M000
6	MECHANICAL LOWER LEVEL DEMOLITION PLAN	MD100
7	MECHANICAL FIRST FLOOR DEMOLITION PLAN	MD101
8	MECHANICAL LOWER LEVEL NEW WORK PLAN	M200
9	MECHANICAL FIRST FLOOR NEW WORK PLAN	M201
10	MECHANICAL PIPING LOWER LEVEL NEW WORK PLAN	M210
11	MECHANICAL PIPING FIRST FLOOR NEW WORK PLAN	M211
12	MECHANICAL RADIANT FLOOR PLANS	M212
13	MECHANICAL DETAILS	M400
14	MECHANICAL DETAILS	M401
15	MECHANICAL DETAILS	M402
16	MECHANICAL SCHEDULES	M500
17		
18	COMMUNICATIONS AND ELECTRICAL GENERAL NOTES, SYMBOLS AND ABBREVIATIONS	E000
19	ELECTRICAL LOWER-LEVEL DEMOLITION PLAN	ED100
20	ELECTRICAL FIRST FLOOR DEMOLITION PLAN	ED101
21	COMMUNICATIONS AND ELECTRONIC SECURITY LOWER-LEVEL DEMOLITION PLAN	ED110
22	COMMUNICATIONS AND ELECTRONIC SECURITY FIRST FLOOR DEMOLITION PLAN	ED111
23	ELECTRICAL POWER AND FIRE ALARM LOWER-LEVEL NEW WORK PLAN	E200
24	ELECTRICAL POWER AND FIRE ALARM FIRST FLOOR NEW WORK PLAN	E201
25	COMMUNICATIONS AND ELECTRONIC SECURITY LOWER-LEVEL NEW WORK PLAN	E210
26	COMMUNICATIONS AND ELECTRONIC SECURITY FIRST LEVEL NEW WORK PLAN	E211
27	ELECTRICAL LIGHTING LOWER-LEVEL NEW WORK PLAN	E220
28	ELECTRICAL LIGHTING FIRST FLOOR NEW WORK PLAN	E221
29	ELECTRICAL SCHEDULES AND DETAILS	E400
30	ELECTRICAL PANEL SCHEDULES	E401
31	ELECTRICAL DETAILS	E500
32	FIRE ALARM DETAILS	E501
33	COMMUNICATION DETAILS	E502
34	COMMUNICATION DETAILS	E503
35	ELECTRICAL ONE-LINE DIAGRAM	E600
36		
37		
38		
39	***	