

| | | | |
|----|---|---|------------|
| 1 | TABLE OF CONTENTS MEP BIDDERS (Rev 1/2023) | | |
| 2 | | | |
| 3 | Division Project No. 2011UREBID | | |
| 4 | VOLUME 1 | | |
| 5 | | | |
| 6 | DIVISION 01 - MEP BIDDING REQUIREMENTS | | Pages Thru |
| 7 | TITLE PAGE | | 1 |
| 8 | TABLE OF CONTENTS | | TC-4 |
| 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-14 |
| 20 | 01 33 00 Electronic Submittal Procedures | | 01 33 00-6 |
| 21 | 01 74 19 Construction Waste Management | | 01 74 19-3 |
| 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 | VOLUME 2 | | |
| 43 | DIVISION 02 – EXISTING CONDITIONS | | |
| 44 | Section | Title | |
| 45 | 02 05 00 | Common Work Results for Existing Conditions | 02 50 00-3 |
| 46 | 02 41 13 | Demolition | 02 41 13-3 |
| 47 | | | |
| 48 | DIVISION 05 - METALS | | |
| 49 | Section | Title | |
| 50 | 05 50 00 | Metal Fabrications | 05 50 00-4 |
| 51 | | | |
| 52 | DIVISION 06 – WOOD, PLASTICS AND COMPOSITES | | |
| 53 | Section | Title | |
| 54 | 06 10 00 | Rough Carpentry | 06 10 00-4 |
| 55 | 06 20 00 | Finish Carpentry | 06 20 00-4 |

| | | | |
|----|---|---|---------------|
| 1 | DIVISION 07 - THERMAL AND MOISTURE PROTECTION | | |
| 2 | Section | Title | |
| 3 | 07 21 19 | Foamed In Place Insulation | 07 21 19-3 |
| 4 | 07 84 00 | Fire Stopping | 07 84 00-8 |
| 5 | 07 92 00 | Joint Sealants | 07 92 00-6 |
| 6 | | | |
| 7 | DIVISION 08 – OPENINGS | | |
| 8 | Section | Title | |
| 9 | 08 31 13 | Access Doors and Frames | 08 31 13-3 |
| 10 | | | |
| 11 | DIVISION 09 - FINISHES | | |
| 12 | Section | Title | |
| 13 | 09 22 16.23 | Non-Structural Framing | 09 22 16.23-3 |
| 14 | 09 22 43 | Metal Furring and Lathing | 09 22 43-3 |
| 15 | 09 24 00 | Portland Cement Plastering | 09 24 00-4 |
| 16 | 09 29 00 | Gypsum Board | 09 29 00-5 |
| 17 | 09 51 00 | Acoustical Ceiling | 09 51 00-4 |
| 18 | 09 90 00 | Painting and Coating | 09 90 00-6 |
| 19 | | | |
| 20 | DIVISION 21 – FIRE SUPPRESSION | | |
| 21 | Section | Title | |
| 22 | 21 05 00 | Common Work Results for Fire Protection | 21 05 00-5 |
| 23 | 21 05 29 | Hangers and Supports for Fire Protection Piping and Equipment | 21 05 29-3 |
| 24 | 21 10 00 | Water-Based Fire Protection Systems | 21 10 00-5 |
| 25 | | | |
| 26 | DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING | | |
| 27 | Section | Title | |
| 28 | 23 05 00 | Common Work Results for HVAC | 23 05 00-7 |
| 29 | 23 05 13 | Common Motor Requirements for HVAC Equipment | 23 05 13-3 |
| 30 | 23 05 15 | Piping Specialties | 23 05 15-4 |
| 31 | 23 05 23 | General Duty Valves for HVAC | 23 05 23-4 |
| 32 | 23 05 29 | Hangers and Supports for HVAC Piping and Equipment | 23 05 29-4 |
| 33 | 23 05 48 | Vibration and Seismic Controls for HVAC Piping and Equipment | 23 05 48-3 |
| 34 | 23 05 93 | Testing, Adjusting and Balancing for HVAC | 23 05 93-6 |
| 35 | 23 07 00 | HVAC Insulation | 23 07 00-10 |
| 36 | 23 08 00 | Commissioning of HVAC | 23 08 00-64 |
| 37 | 23 09 14 | Pneumatic and Electric Controls | 23 09 14-14 |
| 38 | 23 09 15 | Direct Digital Control Input/Output Point Summary Tables | 23 09 15-1 |
| 39 | 23 09 24 | Direct Digital Control System for HVAC | 23 09 24-14 |
| 40 | 23 09 93 | Sequence of Operation for HVAC Controls | 23 09 93-5 |
| 41 | 23 21 13 | Hydronic Piping | 23 21 13-11 |
| 42 | 23 31 00 | HVAC Ducts and Casings | 23 31 00-7 |
| 43 | 23 33 00 | Air Duct Accessories | 23 33 00-3 |
| 44 | 23 37 13 | Diffusers, Registers and Grilles | 23 37 13-3 |
| 45 | 23 82 00 | Heating and Cooling Terminal Units | 23 82 00-3 |
| 46 | | | |
| 47 | DIVISION 26 - ELECTRICAL | | |
| 48 | Section | Title | |
| 49 | 26 05 00 | Common Work Results for Electrical | 26 05 00-7 |
| 50 | 26 05 04 | Cleaning, Inspection and Testing of Electrical Equipment | 26 05 04-2 |
| 51 | 26 05 19 | Low-Voltage Electrical Power Conductors and Cables | 26 05 19-4 |
| 52 | 26 05 23 | Control-Voltage Electrical Power Cables | 26 05 23-3 |
| 53 | 26 05 26 | Grounding and Bonding for Electrical Systems | 26 05 26-4 |
| 54 | 26 05 29 | Hangers and Supports for Electrical Systems | 26 05 29-3 |
| 55 | 26 05 33 | Raceway and Boxes for Electrical Systems | 26 05 33-8 |
| 56 | 26 05 53 | Identification for Electrical Systems | 26 05 53-4 |
| 57 | 26 09 43 | Distributed Digital Lighting Controls | 26 09 43-8 |

| | | | |
|----|--|---|-------------|
| 1 | 26 27 02 | Equipment Wiring Systems | 26 27 02-3 |
| 2 | 26 27 26 | Wiring Devices | 26 27 26-3 |
| 3 | 26 27 28 | Disconnect Switches | 26 27 28-2 |
| 4 | 26 29 00 | Low-Voltage Controllers | 26 29 00-3 |
| 5 | 26 51 13 | Interior Lighting Fixtures, Lamps, And Ballasts | 26 51 13-6 |
| 6 | | | |
| 7 | DIVISION 28 – ELECTRONIC SAFETY AND SECURITY | | |
| 8 | Section | Title | |
| 9 | 28 08 00 | Commissioning of Electronic Safety and Security | 28 08 00-13 |
| 10 | 28 31 00 | Fire Detection and Alarm | 28 31 00-16 |
| 11 | | | |
| 12 | DRAWINGS - Bound Separately | | |
| 13 | Title | | Sheets Thru |
| 14 | | | |
| 15 | TITLE | | |
| 16 | COVER SHEET | | T000 |
| 17 | | | |
| 18 | GENERAL | | |
| 19 | CODE PLANS | | G001 |
| 20 | WORK AREA AND PHASING PLANS | | G002 |
| 21 | BUILDING CIRCULATION PLANS | | G003 |
| 22 | | | |
| 23 | ARCHITECTURAL | | |
| 24 | ABBREVIATIONS, SYMBOLS AND NOTES | | A001 |
| 25 | FIRST BASEMENT FLOOR PLAN | | A200 |
| 26 | FIRST FLOOR PLAN | | A201 |
| 27 | SECOND FLOOR PLAN | | A202 |
| 28 | THIRD FLOOR PLAN | | A203 |
| 29 | FIRST BASEMENT FLOOR REFLECTED CEILING PLAN | | A300 |
| 30 | FIRST FLOOR REFLECTED CEILING PLAN | | A301 |
| 31 | SECOND FLOOR REFLECTED CEILING PLAN | | A302 |
| 32 | THIRD FLOOR REFLECTED CEILING PLAN | | A303 |
| 33 | DETAILS | | A901 |
| 34 | | | |
| 35 | FIRE PROTECTION | | |
| 36 | FIRE PROTECTION DEMOLITION PLAN - FIRST BASEMENT LEVEL | | F100 |
| 37 | FIRE PROTECTION DEMOLITION PLAN - LEVEL 1 | | F101 |
| 38 | FIRE PROTECTION DEMOLITION PLAN - LEVEL 2 | | F102 |
| 39 | FIRE PROTECTION DEMOLITION PLAN - LEVEL 3 | | F103 |
| 40 | FIRE PROTECTION PLAN - FIRST BASEMENT LEVEL | | F200 |
| 41 | FIRE PROTECTION PLAN - LEVEL 1 | | F201 |
| 42 | FIRE PROTECTION PLAN - LEVEL 2 | | F202 |
| 43 | FIRE PROTECTION PLAN - LEVEL 3 | | F203 |
| 44 | | | |
| 45 | HVAC | | |
| 46 | MECHANICAL NOTES AND SYMBOLS | | M000 |
| 47 | MECHANICAL DUCTWORK DEMOLITION PLAN - FIRST BASEMENT LEVEL | | M100 |
| 48 | MECHANICAL DUCTWORK DEMOLITION PLAN - LEVEL 1 | | M101 |
| 49 | MECHANICAL DUCTWORK DEMOLITION PLAN - LEVEL 2 | | M102 |
| 50 | MECHANICAL DUCTWORK DEMOLITION PLAN - LEVEL 3 | | M103 |
| 51 | MECHANICAL PIPING DEMOLITION PLAN - FIRST BASEMENT LEVEL | | M110 |
| 52 | MECHANICAL PIPING DEMOLITION PLAN - LEVEL 1 | | M111 |
| 53 | MECHANICAL PIPING DEMOLITION PLAN - LEVEL 2 | | M112 |
| 54 | MECHANICAL PIPING DEMOLITION PLAN - LEVEL 3 | | M113 |
| 55 | MECHANICAL DUCTWORK PLAN - FIRST BASEMENT LEVEL | | M200 |
| 56 | MECHANICAL DUCTWORK PLAN - LEVEL 1 | | M201 |
| 57 | MECHANICAL DUCTWORK PLAN - LEVEL 2 | | M202 |

| | | |
|----|---|------|
| 1 | MECHANICAL DUCTWORK PLAN - LEVEL 3 | M203 |
| 2 | MECHANICAL PIPING PLAN - FIRST BASEMENT LEVEL | M300 |
| 3 | MECHANICAL PIPING PLAN - LEVEL 1 | M301 |
| 4 | MECHANICAL PIPING PLAN - LEVEL 2 | M302 |
| 5 | MECHANICAL PIPING PLAN - LEVEL 3 | M303 |
| 6 | TYPICAL FAN COIL UNIT CONDITION DETAILS | M400 |
| 7 | TYPICAL FAN COIL UNIT DETAILS | M401 |
| 8 | MECHANICAL SECTIONS | M410 |
| 9 | MECHANICAL TEMPERATURE CONTROL SCHEMATICS | M500 |
| 10 | MECHANICAL DETAILS | M510 |
| 11 | MECHANICAL SCHEDULES | M520 |
| 12 | | |
| 13 | ELECTRICAL | |
| 14 | ELECTRICAL NOTES AND SYMBOLS | E000 |
| 15 | ELECTRICAL DEMOLITION PLAN - FIRST BASEMENT LEVEL | E100 |
| 16 | ELECTRICAL DEMOLITION PLAN - LEVEL 1 | E101 |
| 17 | ELECTRICAL DEMOLITION PLAN - LEVEL 2 | E102 |
| 18 | ELECTRICAL DEMOLITION PLAN - LEVEL 3 | E103 |
| 19 | ELECTRICAL LIGHTING PLAN - FIRST BASEMENT LEVEL | E200 |
| 20 | ELECTRICAL LIGHTING PLAN - LEVEL 1 | E201 |
| 21 | ELECTRICAL LIGHTING PLAN - LEVEL 2 | E202 |
| 22 | ELECTRICAL LIGHTING PLAN - LEVEL 3 | E203 |
| 23 | ELECTRICAL POWER PLAN - FIRST BASEMENT LEVEL | E300 |
| 24 | ELECTRICAL POWER PLAN - LEVEL 1 | E301 |
| 25 | ELECTRICAL POWER PLAN - LEVEL 2 | E302 |
| 26 | ELECTRICAL POWER PLAN - LEVEL 3 | E303 |
| 27 | ELECTRICAL SCHEDULES AND DETAILS | E500 |
| 28 | ELECTRICAL PANEL SCHEDULES | E510 |
| 29 | | |
| 30 | *** | |