

| | | | |
|----|---|---------------------|-------------------|
| 1 | TABLE OF CONTENTS MEP BIDDERS | (Rev 8/2022) | |
| 2 | | | |
| 3 | Division Project No. 18H2JREBID3 | | |
| 4 | | | |
| 5 | DIVISION 01 - MEP BIDDING REQUIREMENTS | | Pages Thru |
| 6 | TITLE PAGE | | 1 |
| 7 | TABLE OF CONTENTS | | TC-6 |
| 8 | | | |
| 9 | MEP BIDDING REQUIREMENTS | | |
| 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-7 |
| 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 | DIVISION 01 | | |
| 18 | General Requirements | | GR-21 |
| 19 | DOC – Contractor Site Access and Working Requirements | | SGR-6 |
| 20 | DOC – Facility Security Clearance Background Check | | 1 |
| 21 | Sexual Abuse and Sexual Harrassment Guide for Volunteers | | 2 |
| 22 | DOC-2786 – Prison Rape Elimination Act Contractor Statement of Acknowledgment | | 1 |
| 23 | 01 74 19 Construction Waste Management | | 4 |
| 24 | 01 91 01 Commissioning Process | | 4 |
| 25 | | | |
| 26 | APPENDIX #1 – GENERAL PRIME CONTRACTOR (GPC) BIDDING AND CONTRACT | | |
| 27 | DOCUMENTS | | |
| 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 | CONTRACT FORMS | | |
| 33 | Performance Bond Form (DOA-4188) | | 2 |
| 34 | Payment Bond Form (DOA-4187) | | 2 |
| 35 | Contract Form (DOA-4504) | | 2 |
| 36 | | | |
| 37 | CONDITIONS OF THE CONTRACT | | |
| 38 | Index to General Conditions | | 1 |
| 39 | General Conditions of the General Prime Contractor Contract (DOA-4193P) | | 34 |
| 40 | Supplementary General Conditions | | SGC-1 |
| 41 | Submittal Log | | SL-4 |
| 42 | | | |
| 43 | <u>VOLUME 2</u> | | |
| 44 | DIVISION 02 – EXISTING CONDITIONS | | |
| 45 | Section Title | | Pages Thru |
| 46 | 02 05 00 Common Work Results for Existing Conditions | | 02 05 00-5 |
| 47 | 02 32 00 Geotechnical Investigation | | 02 32 00-26 |
| 48 | 02 41 13 Demolition | | 02 41 13-4 |
| 49 | | | |
| 50 | DIVISION 03 - CONCRETE | | |
| 51 | Section Title | | Pages Thru |
| 52 | 03 10 00 Concrete Formwork | | 03 10 00-6 |
| 53 | 03 20 00 Reinforcing Steel | | 03 20 00-8 |
| 54 | 03 30 00 Cast-In-Place Concrete | | 03 30 00-29 |
| 55 | 03 35 00 Concrete Hardener/Sealer | | 03 35 00-3 |
| 56 | | | |
| 57 | | | |

| | | | |
|----|---|--|-------------|
| 1 | | | |
| 2 | DIVISION 04 – MASONRY | | |
| 3 | Section | Title | Pages Thru |
| 4 | 04 08 00 | Commissioning of Masonry | 04 08 00-7 |
| 5 | 04 20 00 | Unit Masonry | 04 20 00-13 |
| 6 | | | |
| 7 | DIVISION 05 - METALS | | |
| 8 | Section | Title | Pages Thru |
| 9 | 05 05 19 | Post-Installed Anchors in Concrete and Masonry (Cmu) | 05 05 19-8 |
| 10 | 05 30 00 | PAF Metal Deck | 05 30 00-7 |
| 11 | 05 40 00 | Cold-Formed Metal Framing | 05 40 00-10 |
| 12 | 05 44 00 | Cold-Formed Metal Trusses | 05 44 00-11 |
| 13 | 05 50 00 | Metal Fabrications | 05 50 00-7 |
| 14 | 05 50 16 | Miscellaneous Metal for Utilities | 05 50 16-3 |
| 15 | | | |
| 16 | DIVISION 06 – WOOD, PLASTICS AND COMPOSITES | | |
| 17 | Section | Title | Pages Thru |
| 18 | 06 09 00 | Rough and Finish Carpentry | 06 09 00-8 |
| 19 | 06 40 00 | Millwork | 06 40 00-9 |
| 20 | | | |
| 21 | DIVISION 07 - THERMAL AND MOISTURE PROTECTION | | |
| 22 | Section | Title | Pages Thru |
| 23 | 07 21 00 | Building Insulation | 07 21 00-6 |
| 24 | 07 27 26 | Air Barrier – Vapor Retarder | 07 27 26-8 |
| 25 | 07 60 00 | Architectural Sheet Metal Work | 07 60 00-9 |
| 26 | 07 61 13 | Standing Seam Sheet Metal Roofing | 07 61 13-22 |
| 27 | | Metal Roof/Wall Guarantee | -2 |
| 28 | 07 84 00 | Firestopping | 07 84 00-9 |
| 29 | 07 90 00 | Joint Sealants | 07 90 00-5 |
| 30 | 07 92 16 | Security Sealant | 07 92 16-2 |
| 31 | | | |
| 32 | DIVISION 08 - OPENINGS | | |
| 33 | Section | Title | Pages Thru |
| 34 | 08 11 00 | Hollow Metal Doors and Frames | 08 11 00-9 |
| 35 | 08 14 00 | Flush Wood Doors | 08 14 00-6 |
| 36 | 08 41 00 | Aluminum Framing System | 08 41 00-5 |
| 37 | | Window Guarantee | -2 |
| 38 | 08 70 00 | Finish Hardware | 08 70 00-7 |
| 39 | 08 71 00 | Security Screws | 08 71 00-2 |
| 40 | 08 80 00 | Glass and Glazing | 08 80 00-9 |
| 41 | | | |
| 42 | DIVISION 09 - FINISHES | | |
| 43 | Section | Title | Pages Thru |
| 44 | 09 21 16 | Gypsum Board Assemblies | 09 21 16-16 |
| 45 | 09 30 00 | Tiling | 09 30 00-6 |
| 46 | 09 51 00 | Acoustical Ceilings | 09 51 00-8 |
| 47 | 09 90 00 | Painting and Finishing | 09 90 00-12 |
| 48 | | | |
| 49 | DIVISION 10 - SPECIALTIES | | |
| 50 | Section | Title | Pages Thru |
| 51 | 10 28 00 | Toilet Accessories | 10 28 00-3 |
| 52 | 10 44 00 | Fire Extinguishers and Cabinets | 10 44 00-3 |
| 53 | | | |
| 54 | <u>VOLUME 3</u> | | |
| 55 | DIVISION 21 – FIRE SUPPRESSION | | |
| 56 | Section | Title | Pages Thru |
| 57 | 21 05 00 | Common Work Results for Fire Protection | 21 05 00-8 |

| | | | |
|----|---|---|-------------|
| 1 | 21 05 29 | Hangers and Supports for Fire Protection Piping and Equipment | 21 05 29-5 |
| 2 | 21 08 00 | Commissioning of Fire Protection | 21 08 00-8 |
| 3 | 21 10 00 | Water-Based Fire Protection Systems | 21 10 00-10 |
| 4 | | | |
| 5 | DIVISION 22 - PLUMBING | | |
| 6 | Section | Title | Pages Thru |
| 7 | 22 05 00 | Common Work Results for Plumbing | 22 05 00-9 |
| 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 23-3 |
| 11 | 22 05 29 | Hangers and Supports for Plumbing Piping and Equipment | 22 05 29-5 |
| 12 | 22 07 00 | Plumbing Insulation | 22 07 00-6 |
| 13 | 22 08 00 | Commissioning of Plumbing | 22 08 00-33 |
| 14 | 22 11 00 | Facility Water Distribution | 22 11 00-7 |
| 15 | 22 13 00 | Facility Sanitary Sewerage | 22 13 00-7 |
| 16 | 22 30 00 | Plumbing Equipment | 22 30 00-3 |
| 17 | 22 42 00 | Commercial Plumbing Fixtures | 22 42 00-5 |
| 18 | | | |
| 19 | DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING | | |
| 20 | Section | Title | Pages Thru |
| 21 | 23 05 00 | Common Work Results for HVAC | 23 05 00-5 |
| 22 | 23 05 13 | Common Motor Requirements for HVAC Equipment | 23 05 13-2 |
| 23 | 23 05 23 | General Duty Valves for HVAC | 23 05 23-2 |
| 24 | 23 05 29 | Hangers and Supports for HVAC Piping and Equipment | 23 05 29-3 |
| 25 | 23 05 48 | Vibration and Seismic Controls for HVAC Piping and Equipment | 23 05 48-3 |
| 26 | 23 05 93 | Testing, Adjusting and Balancing for HVAC | 23 05 93-5 |
| 27 | 23 07 00 | HVAC Insulation | 23 07 00-7 |
| 28 | 23 08 00 | Commissioning of HVAC | 23 08 00-94 |
| 29 | 23 09 14 | Pneumatic and Electric Instrumentation and Control Devices for HVAC | 23 09 14-7 |
| 30 | 23 09 93 | Sequence of Operation for HVAC Controls | 23 09 93-5 |
| 31 | 23 11 00 | Facility Fuel Piping | 23 11 00-6 |
| 32 | 23 23 00 | Refrigerant Piping | 23 23 00-3 |
| 33 | 23 31 00 | HVAC Ducts and Casings | 23 31 00-6 |
| 34 | 23 33 00 | Air Duct Accessories | 23 33 00-4 |
| 35 | 23 34 00 | HVAC Fans | 23 34 00-2 |
| 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 54 00 | Gas Fired Furnace | 23 54 00-3 |
| 39 | 23 62 13 | Packaged Air-Cooled Refrigerant Compressor and Condensing Units | 23 62 13-4 |
| 40 | 23 72 00 | Air-To-Air Energy Recovery Equipment | 23 72 00-4 |
| 41 | 23 81 26 | Split-System Ductless Air Conditioners | 23 81 26-6 |
| 42 | 23 82 00 | Heating and Cooling Terminal Units | 23 82 00-3 |
| 43 | | | |
| 44 | <u>VOLUME 4</u> | | |
| 45 | DIVISION 26 - ELECTRICAL | | |
| 46 | Section | Title | Pages Thru |
| 47 | 26 05 00 | Common Work Results for Electrical | 26 05 00-7 |
| 48 | 26 05 04 | Cleaning, Inspection and Testing of Electrical Equipment | 26 05 04-3 |
| 49 | 26 05 19 | Low-Voltage Electrical Power Conductors and Cables | 26 05 19-5 |
| 50 | 26 05 23 | Control-Voltage Electrical Power Cables | 26 05 23-3 |
| 51 | 26 05 26 | Grounding and Bonding for Electrical Systems | 26 05 26-5 |
| 52 | 26 05 29 | Hangers and Supports for Electrical Systems | 26 05 29-4 |
| 53 | 26 05 33 | Raceway and Boxes for Electrical Systems | 26 05 33-11 |
| 54 | 26 05 43 | Underground Ducts and Raceways for Electrical Systems | 26 05 43-4 |
| 55 | 26 05 53 | Identification for Electrical Systems | 26 05 53-4 |
| 56 | 26 05 73 | Short Circuit/Coordination Study and Arc Flash Risk Assessment | 26 05 73-5 |
| 57 | 26 08 00 | Commissioning of Electrical | 26 08 00-50 |

| | | | |
|----|--|--|---------------|
| 1 | 26 09 43 | Distributed Digital Lighting Controls | 26 09 43-9 |
| 2 | 26 24 16 | Panelboards | 26 24 16-4 |
| 3 | 26 27 02 | Equipment Wiring Systems | 26 27 02-3 |
| 4 | 26 27 13 | Electricity Metering | 26 27 13-4 |
| 5 | 26 27 26 | Wiring Devices | 26 27 26-6 |
| 6 | 26 27 28 | Disconnect Switches | 26 27 28-2 |
| 7 | 26 29 00 | Low-Voltage Controllers | 26 29 00-4 |
| 8 | 26 43 13 | Surge Protective Devices for Low-Voltage Electrical Power Circuits | 26 43 13-3 |
| 9 | 26 51 13 | Interior Lighting Fixtures, Lamps, And Ballasts | 26 51 13-6 |
| 10 | | | |
| 11 | DIVISION 27 - COMMUNICATIONS | | |
| 12 | Section | Title | Pages Thru |
| 13 | 27 05 53 | Identification for Communication Systems | 27 05 53-9 |
| 14 | 27 08 00 | Commissioning of Communications | 27 08 00-20 |
| 15 | 27 10 00 | Structured Cabling | 27 10 00-32 |
| 16 | 27 11 00 | Communications Room Equipment Fittings | 27 11 00-6 |
| 17 | 27 16 19 | Communications Patch Cords, Station Cords and Cross-Connect Wire | 27 16 19-4 |
| 18 | | | |
| 19 | DIVISION 28 – ELECTRONIC SAFETY AND SECURITY | | |
| 20 | Section | Title | Pages Thru |
| 21 | 28 08 00 | Commissioning of Electronic Safety and Security | 28 08 00-17 |
| 22 | 28 23 00 | Video Surveillance System | 28 23 00-8 |
| 23 | 28 31 00 | Fire Detection and Alarm | 28 31 00-25 |
| 24 | 28 50 10 | Security, Paging, Duress, Electronic Monitoring and Control System | 28 50 10-35 |
| 25 | | | |
| 26 | DIVISION 30 – CIVIL DIVISIONS | | |
| 27 | 30 05 00 | Common Work Results for All Exterior Work | 30 05 00-5 |
| 28 | | | |
| 29 | DIVISION 31 - EARTHWORK | | |
| 30 | Section | Title | Pages Thru |
| 31 | 31 00 00 | Earthwork for Building | 31 00 00-18 |
| 32 | 31 20 00 | Earthmoving | 31 20 00-5 |
| 33 | 31 23 16.13 | Trenching | 31 23 16.13-8 |
| 34 | 31 23 19 | Dewatering | 31 23 19-3 |
| 35 | 31 25 00 | Erosion Control | 31 25 00-4 |
| 36 | | | |
| 37 | DIVISION 32 – EXTERIOR IMPROVEMENTS | | |
| 38 | Section | Title | Pages Thru |
| 39 | 32 11 23.33 | Dense Graded Base | 32 11 23.33-3 |
| 40 | 32 12 16.13 | Plant Mix Asphalt Paving | 32 12 16.13-3 |
| 41 | 32 31 13.43 | Correctional Chain Link Fencing and Gates | 32 31 13.43-6 |
| 42 | | | |
| 43 | DIVISION 33 - UTILITIES | | |
| 44 | Section | Title | Pages Thru |
| 45 | 33 11 00 | Water Utility Distribution Piping | 33 11 00-12 |
| 46 | 33 30 00 | Sanitary Sewerage Utilities | 33 30 00-9 |
| 47 | 33 40 00 | Storm Drainage Utilities | 33 40 00-9 |
| 48 | | | |
| 49 | DRAWINGS - Bound Separately | | |
| 50 | Title | | Sheets Thru |
| 51 | Cover Sheet / Index / Life Safety | | T001 |
| 52 | | | |
| 53 | Civil | | C- |
| 54 | Site Plan – Overall | | C110 |
| 55 | Existing Survey | | C111 |
| 56 | Erosion Control Plan | | C120 |
| 57 | Demolition Plan | | C130 |

| | | |
|----|---|------|
| 1 | Site Plan - Detailed | C140 |
| 2 | Grading Plan | C150 |
| 3 | Construction Details | C500 |
| 4 | | |
| 5 | Architectural | A- |
| 6 | Overall Architectural Site Plan | A001 |
| 7 | Partial Architectural Site Plan and Details | A002 |
| 8 | Floor Plan | A101 |
| 9 | Reflected Ceiling Plan / Roof Plan | A201 |
| 10 | Exterior Elevations | A301 |
| 11 | Building / Wall Sections | A401 |
| 12 | Exterior Details | A501 |
| 13 | Interior Details and Schedules | A601 |
| 14 | | |
| 15 | Structural | S- |
| 16 | Foundation Plan | S100 |
| 17 | Roof Framing Plan | S101 |
| 18 | Details | S500 |
| 19 | Details | S510 |
| 20 | Details | S520 |
| 21 | General Notes | S900 |
| 22 | Schedules | S901 |
| 23 | | |
| 24 | Fire Protection | F- |
| 25 | First Floor Fire Protection Plan | F100 |
| 26 | | |
| 27 | Plumbing | P- |
| 28 | Plumbing Notes and Schedules | P000 |
| 29 | Foundation Plumbing Plan | P100 |
| 30 | First Floor Plumbing Plan | P101 |
| 31 | Plumbing Isometrics | P110 |
| 32 | | |
| 33 | Mechanical | M- |
| 34 | Mechanical Legend & Details | M001 |
| 35 | First Floor Mechanical Plan | M100 |
| 36 | Mechanical Flow Diagram | M400 |
| 37 | Mechanical Schedules | M600 |
| 38 | | |
| 39 | Electrical | E- |
| 40 | Electrical Symbols, Abbreviations and Notes | E001 |
| 41 | Electrical Site Plan | ES01 |
| 42 | First Floor Lighting Plan | E101 |
| 43 | First Floor Path of Egress Calculation | E102 |
| 44 | First Floor Power Plan | E201 |
| 45 | First Floor Fire Alarm Plan | E301 |
| 46 | Lighting Fixture Schedule and Notes | E501 |
| 47 | Electrical Schedules | E502 |
| 48 | Electrical Details | E601 |
| 49 | Fire Alarm Details | E701 |
| 50 | Electrical Riser Diagram | E801 |
| 51 | Panel Schedule | E802 |
| 52 | | |
| 53 | Telecommunication | Q- |
| 54 | Communications and Electronic Security Site Plan | QS01 |
| 55 | First Floor Communications and Electronic Security Plan | Q101 |
| 56 | Communications and Electronic Security Details | Q601 |
| 57 | Communications and Electronic Security Details | Q602 |

| | | |
|---|--|------|
| 1 | Communications and Electronic Security Details | Q603 |
| 2 | Communications and Electronic Security Details | Q604 |
| 3 | Communications and Electronic Security Details | Q605 |
| 4 | Communications and Electronic Security Details | Q606 |
| 5 | | |
| 6 | | |
