

|    |   |                 |                   |
|----|---|-----------------|-------------------|
| 1  | <b>TABLE OF CONTENTS GPC BIDDERS</b>                                    | <b>(8/2022)</b> |                   |
| 2  |   |                 |                   |
| 3  | Division Project No. <b>2112V</b>                                       |                 |                   |
| 4  |   |                 |                   |
| 5  | <b>DIVISION 1 – GPC BIDDING AND CONTRACT REQUIREMENTS</b>               |                 | <b>Pages Thru</b> |
| 6  | TITLE PAGE  |                 | 1                 |
| 7  | TABLE OF CONTENTS   |                 | TC-5              |
| 8  |   |                 |                   |
| 9  | <b>GPC BIDDING REQUIREMENTS</b>   |                 |                   |
| 10 | GPC Invitation to Bid   |                 | A-2               |
| 11 | GPC Instructions to Bidders   |                 | B-12              |
| 12 | Bid Form – General Prime Contractor (GPC)                               |                 | C-3               |
| 13 | Sealed Bid Envelope Label   |                 | 1                 |
| 14 | General Prime Contractor (GPC) Bid Bond Form (DOA-4190)                 |                 | 1                 |
| 15 | Designation of Confidential and Proprietary Information Form (DOA-3027) |                 | 1                 |
| 16 |   |                 |                   |
| 17 | Form A - Affidavit of Compliance – MBE/DVB Provisions (DOA-4266)        |                 | 2                 |
| 18 | Request for Submittal Approval (DOA-4523)                               |                 | 1                 |
| 19 | Request for Subcontractors Approval (DOA-4225)                          |                 | 1                 |
| 20 |   |                 |                   |
| 21 | <b>CONTRACT FORMS</b>   |                 |                   |
| 22 | Performance Bond 100% Form (DOA-4188)                                   |                 | 2                 |
| 23 | Payment Bond 100% Form (DOA-4187)                                       |                 | 2                 |
| 24 | Contract Form (DOA-4504)  |                 | 2                 |
| 25 |   |                 |                   |
| 26 | <b>CONDITIONS OF THE CONTRACT</b>                                       |                 |                   |
| 27 | Index to General Conditions   |                 | 1                 |
| 28 | General Conditions of the General Prime Contractor Contract (DOA-4193P) |                 | 34                |
| 29 | Supplementary General Conditions  |                 | SGC-1             |
| 30 | Submittal Log   |                 | SL-2              |
| 31 |   |                 |                   |
| 32 | <b>DIVISION 01</b>  |                 |                   |
| 33 | General Requirements  |                 | GR-17             |
| 34 | DHS – Contractor Site Access and Working Requirements                   |                 | 4                 |
| 35 | 01 74 19 Construction Waste Management                                  |                 | 01 74 19-4        |
| 36 | 01 91 01 Commissioning Process  |                 | 01 91 01-4        |
| 37 |   |                 |                   |
| 38 |   |                 |                   |
| 39 | <b><u>SPECIFICATION VOLUME 2</u></b>                                    |                 |                   |
| 40 | <b>DIVISION 02 – EXISTING CONDITIONS</b>                                |                 |                   |
| 41 | Section Title   |                 |                   |
| 42 | 02 05 00 Common Work Results for Existing Conditions                    |                 | 02 05 00-4        |
| 43 | 02 41 13 Demolition   |                 | 02 41 13-6        |
| 44 | 02 41 19 Selective Demolition   |                 | 02 41 19-4        |
| 45 | 02 82 13 Asbestos Abatement   |                 | 02 82 13-25       |
| 46 |   |                 |                   |
| 47 | <b>DIVISION 03 - CONCRETE</b>   |                 |                   |
| 48 | Section Title   |                 | <b>Pages Thru</b> |
| 49 | 03 08 00 Commissioning of Concrete                                      |                 | 03 08 00-6        |
| 50 | 03 30 00 Cast-In-Place Concrete   |                 | 03 30 00-21       |
| 51 |   |                 |                   |
| 52 | <b>DIVISION 04 - MASONRY</b>  |                 |                   |
| 53 | Section Title   |                 | <b>Pages Thru</b> |
| 54 | 04 08 00 Commissioning of Masonry                                       |                 | 04 08 00-6        |
| 55 | 04 20 00 Unit Masonry   |                 | 04 20 00-9        |
| 56 |   |                 |                   |
| 57 |   |                 |                   |
| 58 |   |                 |                   |

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

|    |  |  |               |
|----|--|--|---------------|
| 1  | 23 55 50   | Boiler and Economizer (Pre-Purchase for Information Only)          | 23 55 50-39   |
| 2  | 23 81 26   | Split-System Ductless Air-Conditioners                             | 23 81 26-6    |
| 3  |  |  |               |
| 4  | DIVISION 26 - ELECTRICAL   |  |               |
| 5  | Section  | Title  | Pages Thru    |
| 6  | 26 05 00   | Common Work Results for Electrical                                 | 26 05 00-7    |
| 7  | 26 05 02   | Electrical Demolition for Remodeling                               | 26 05 02-3    |
| 8  | 26 05 04   | Cleaning, Inspection and Testing of Electrical Equipment           | 26 05 04-3    |
| 9  | 26 05 19   | Low-Voltage Electrical Power Conductors and Cables                 | 26 05 19-5    |
| 10 | 26 05 23   | Control-Voltage Electrical Power Cables                            | 26 05 23-3    |
| 11 | 26 05 26   | Grounding and Bonding for Electrical Systems                       | 26 05 26-3    |
| 12 | 26 05 29   | Hangers and Supports for Electrical Systems                        | 26 05 29-3    |
| 13 | 26 05 33   | Raceway and Boxes for Electrical Systems                           | 26 05 33-7    |
| 14 | 26 05 53   | Identification for Electrical Systems                              | 26 05 53-4    |
| 15 | 26 05 73   | Short Circuit/Coordination Study and Arc Flash Risk Assessment     | 26 05 73-5    |
| 16 | 26 08 00   | Commissioning of Electrical  | 26 08 00-43   |
| 17 | 26 22 00   | Low-Voltage Transformers   | 26 22 00-3    |
| 18 | 26 24 13   | Switchboards   | 26 24 13-6    |
| 19 | 26 24 16   | Panelboards  | 26 24 16-3    |
| 20 | 26 27 02   | Equipment Wiring Systems   | 26 27 02-3    |
| 21 | 26 27 13   | Electricity Metering   | 26 27 13-4    |
| 22 | 26 27 26   | Wiring Devices   | 26 27 26-4    |
| 23 | 26 27 28   | Disconnect Switches  | 26 27 28-2    |
| 24 | 26 28 13   | Fuses  | 26 28 13-1    |
| 25 | 26 43 13   | Surge Protective Devices for Low-Voltage Electrical Power Circuits | 26 43 13-3    |
| 26 | 26 51 13   | Interior Lighting Fixtures, Lamps, And Ballasts                    | 26 51 13-5    |
| 27 |  |  |               |
| 28 | DIVISION 31 - EARTHWORK  |  |               |
| 29 | Section  | Title  | Pages Thru    |
| 30 | 31 23 16.16  | Structural Excavation for Minor Structures                         | 31 23 16.16-4 |
| 31 | 31 25 00   | Erosion Control  | 31 25 00-4    |
| 32 |  |  |               |
| 33 | DRAWINGS - Bound Separately  |  |               |
| 34 | Title  |  | Sheets Thru   |
| 35 | Title Sheet  |  | T000          |
| 36 | Sheet Index  |  | T001          |
| 37 |  |  |               |
| 38 | Demolition Plan – Level 01   |  | A101          |
| 39 | Demolition Details   |  | A102          |
| 40 | New Work Plan – Level 01   |  | A201          |
| 41 | New Work Plan - Roof   |  | A202          |
| 42 | Reflected Ceiling Plan – Level 01  |  | A301          |
| 43 | Wall Section and Exterior Details  |  | A510          |
| 44 |  |  |               |
| 45 | Site Plan  |  | C100          |
| 46 |  |  |               |
| 47 | Basement Plan – Asbestos Abatement/Demolition – Area B                       |  | H100B         |
| 48 | First Floor Plan – Asbestos Abatement/Demolition – Area B                    |  | H101B         |
| 49 | Mezzaine Plan – Asbestos Abatement/Demolition – Area B                       |  | H102B         |
| 50 | Upper Walkway Plan – Asbestos Abatement/Demolition – Area B                  |  | H103B         |
| 51 | Roof Plan – Asbestos Abatement/Demolition – Area B                           |  | H104B         |
| 52 | Original Plan – Boiler No. 3 – Side View                                     |  | H400          |
| 53 | Original Plan – Boiler No. 3 – Section thru Boiler                           |  | H401          |
| 54 | Original Plan – General Arrangement Harrington Std. Stoker                   |  | H402          |
| 55 | Original Plan – Foundation Plan for Harr. Std.                               |  | H403          |
| 56 | Original Plan – Arrangement of Foundation, Steel for Boiler & Stoker Support |  | H404          |
| 57 | Photographs – Asbestos Abatement/Demolition                                  |  | H500          |

|    |   |       |
|----|---|-------|
| 1  |   |       |
| 2  | Structural Notes  | S001  |
| 3  | Baghouse First Floor Demolition Plan – Area A             | S101A |
| 4  | Main First Floor Demolition Plan – Area B                 | S101B |
| 5  | Baghouse Mezzanine Floor Demolition Plan – Area A         | S103A |
| 6  | Main Mezzanine Floor Demolition Plan – Area B             | S103B |
| 7  | Baghouse Roof Demolition Plan – Area A                    | S104A |
| 8  | Main Foundation Plan – Area B                             | S200B |
| 9  | Baghouse First Floor Foundation Plan – Area A             | S201A |
| 10 | Main First Floor Framing Plan – Area B                    | S201B |
| 11 | Main Mezzanine Floor Framing Plan – Area B                | S202B |
| 12 | Baghouse Mezzanine Floor Framing Plan – Area A            | S203A |
| 13 | Baghouse Roof Framing Plan – Area A                       | S204A |
| 14 | Main Roof Framing Plan – Area B                           | S204B |
| 15 | Structural Details  | S800  |
| 16 | Structural Details  | S810  |
| 17 | Structural Details  | S811  |
| 18 |   |       |
| 19 | Mechanical Symbols, Abbreviations, Sheet Index            | M000  |
| 20 | Basement Plan - Demolition – Area B                       | M100B |
| 21 | Baghouse First Floor Plan - Demolition - Area A           | M101A |
| 22 | First Floor Plan - Demolition - Area B                    | M101B |
| 23 | Mezzanine Plan - Demolition – Area B                      | M102B |
| 24 | Baghouse Mezzanine Level Plan – Demolition – Area A       | M103A |
| 25 | Upper Walkway Plan – Demolition – Area B                  | M103B |
| 26 | Roof Plan – Demolition – Area B                           | M104B |
| 27 | Basement Plan – New Construction – Area B                 | M200B |
| 28 | Baghouse First Floor Plan – New Construction – Area A     | M201A |
| 29 | First Floor Plan – New Construction – Area B              | M201B |
| 30 | Mezzanine Plan – New Construction – Area B                | M202B |
| 31 | Baghouse Mezzanine Level Plan – New Construction – Area A | M203A |
| 32 | Upper Walkway Plan – New Construction – Area B            | M203B |
| 33 | Baghouse Roof Plan – New Construction – Area A            | M204A |
| 34 | Roof Plan – New Construction – Area B                     | M204B |
| 35 | Mechanical Sections                                       | M300  |
| 36 | Mechanical Sections                                       | M301  |
| 37 | Mechanical Sections                                       | M302  |
| 38 | Mechanical Sections                                       | M303  |
| 39 | Network Architecture                                      | M400  |
| 40 | Boiler 3 Demolition                                       | M401  |
| 41 | Boiler 5 P&ID Schematic                                   | M402  |
| 42 | Boiler 5 Instrument Schedule                              | M403  |
| 43 | High Pressure Steam Demolition Schematic                  | M406  |
| 44 | High Pressure Steam New Schematic                         | M407  |
| 45 | Condensate Schematic                                      | M408  |
| 46 | Boiler Blowdown Demolition Schematic                      | M409  |
| 47 | Boiler Blowdown New Schematic                             | M410  |
| 48 | Boiler Feedwater Demolition Schematic                     | M411  |
| 49 | Boiler Feedwater New Schematic                            | M412  |
| 50 | Low Pressure Steam Schematic                              | M413  |
| 51 | Fuel Oil Schematic  | M414  |
| 52 | Compressed Air Schematic                                  | M415  |
| 53 | Natural Gas Schematic                                     | M416  |
| 54 | Chemical Treatment Schematic                              | M417  |
| 55 | Mechanical Details  | M500  |
| 56 | Mechanical Details  | M501  |
| 57 | Mechanical Schedules                                      | M600  |

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