GENERAL NOTES

1. LOCATION OF THE WORK

All work under this Contract will be performed at the Homestead Grays Bridge underpass located between West Seventh Ave and West Sixth Ave within the Borough of Homestead, Allegheny County, Pennsylvania.

2. DRAWINGS

The following drawing is included herein and made an integral part of the Contract Documents. Plan Sheet S-1 (These Drawings are bound within these documents and follow this Scope of Work).

3. RESPONSIBILITY FOR BIDDING DOCUMENTS

Plans and specifications in the possession of any prospective Bidder are not transferable to another Bidder. If a planholder wishes to give his set of bidding documents to another potential Bidder he must first secure the permission of the Engineer.

4. FIELD MEASUREMENTS AND DIMENSIONS

Before ordering any material or performing any work, the Contractor shall verify all measurements and conditions at the site and shall be responsible for the correctness of the information. Any differences which may be found shall be submitted to the Engineer, in writing, for consideration before proceeding with the work.

No extra compensation will be allowed on account of difference between dimensions and measurements that are indicated on the Drawings. The Drawings are generally diagrammatical and indicative of the work to be completed. The Contractor shall investigate all conditions affecting his work.

5. ARBITRATION

No arbitration will be considered for this project.

6. OWNER/BOROUGH/ENGINEER/COUNCIL OF GOVERNMENTS

The Owner referred to in these Contract Documents shall be Borough of Homestead. The Engineer shall be defined as Glenn Engineering & Associates, Ltd.

7. SCHEDULE OF WORK AND LIQUIDATED DAMAGES

The Contractor shall notify The Borough of Homestead and Glenn Engineering at least seven (7) calendar days before construction is to start. This project shall be completed not more than Sixty (60) consecutive calendar days following the issuance of the Notice to Proceed.

The liquidated damages shall be Three Hundred Fifty Dollars ($350.00) per consecutive calendar days as a measure of liquidated damages the Owner will sustain for failure of the Contractor to promptly complete the work.

8. VISITING THE PREMISES

Before submitting any proposal, the Contractor shall visit the site and examine, thoroughly familiarize himself with the existing conditions and the work to be performed under this Contract. Should any Contractor accept the work, it shall be construed as an acceptance by him of all responsibility and as a guarantee to perform all work required, whether or not distinctly shown on the Drawings or specified.

9. PROJECT DELAYS

If inclement weather or conditions beyond the control of the Contractor and the Owner inhibit the performance of this Contract, such delays will be at no additional cost to the Owner.

10. CLEANUP

The Contractor shall be responsible for regular cleaning up of the premises. All refuse, dirt, rubbish, and trash of any kind shall be removed regardless of who may have left same. All such dirt and debris shall be removed from the Owner's property. All removed materials and equipment, which may have salvageable value, will remain the property of the Owner, unless otherwise advised by the Owner.

11. EXCAVATION

All excavation shall be unclassified and no extra payment will be made for rock, boulders, shale, timbers, logs, old foundations, masonry or other natural or artificial materials encountered in the trenching operations except for those underground structures defined in Section 2.3B, Paragraph 1.02. The Contractor shall make personal examination of the locations in which the pipelines are to be constructed to determine for

himself the extent and of the rock that may be encountered. The Contractor acknowledges there may not be sufficient time to perform pre-bid borings to determine the nature of the subsurface conditions and that the Contractor may have to rely on its visual inspection of the site when making a determination as to the character of the subsurface conditions. No information regarding subsurface conditions along the routes of the pipelines will be given by the owner. The Contractor shall assume all risks associated with the composition of the subsurface materials and the ease or difficulty of excavation. The Contractor shall not at any time claim a misunderstanding regarding the depth or character of the excavation to be made or in the nature of the materials to be encountered. The Contractor shall perform his own independent investigation of field conditions, including the drilling of test borings or other investigation, as he may deem necessary to perform this work. Any associated costs for test borings or other required investigation should be included in the Contractor's price for Soil Erosion and Sedimentation Control Measures.

12. TECHNICAL QUESTIONS

Technical questions pertinent to the work to be performed under this Contract may be addressed to:

Brad Branthoover
Glenn Engineering & Associates, Ltd.
14920 Route 30
North Huntingdon, PA 15642

Phone: 412-824-5672, ext. 120
Fax: 412-824-9587
E-mail: bradb@glennengr.com

13. PRE-BID MEETING

A Mandatory Pre-bid Meeting will be held for this project. The date, time, and location will be within the advertisement.

14. PA ONE-CALL

The Contractor shall be responsible for placing a Construction One-Call to verify utilities.

15. PROTECTION OF EXISTING FACILITIES

Any and all structures adjacent to the sites of construction such as manholes, other castings, poles, pipes, or any such structure shall be safeguarded against damage from the construction operation. Any damage to such structures shall be immediately corrected to the satisfaction of the Owner by the Contractor at no expense to the Owner.

16. SAFETY

The Contractor shall be fully responsible for providing a safe working environment for this work. Any loss or damage to the work that may occur shall be immediately repaired by the Contractor to the satisfaction of the Owner at NO additional expense to the Owner.

17. PAYMENTS

The Total Prices as Shown are based upon the estimated quantities and shall be used only as the basis for bid comparison. The Contractor shall be paid only for the actual quantities of each item, authorized, furnished, and installed.

18. PENNSYLVANIA PREVAILING MINIMUM WAGES

This project shall be subject to the Pennsylvania Prevailing Wage Act of August 15, 1961, P.L. 987, as amended 43 P.S. Section 165 ET. Seq. Workers shall not be paid less than the prevailing minimum wages as set forth in applicable schedule.

19. MATERIALS AND EQUIPMENT SUBSTITUTIONS

Specific equipment and/or materials of particular manufacturers are specified herein in these Contract Documents. Should the Contractor desire to substitute equipment or materials of other manufacturers, the Contractor must first submit all specification data to the Engineer for review and consideration not less than ten (10) calendar days prior to the scheduled date for the receipt of bids. The decision of the Engineer shall be considered final. Requests for consideration not received within the specified time shall not be considered.

20. FIELD MEASUREMENTS AND DIMENSIONS

Before ordering any material or performing any work, the Contractor shall verify all conditions at the site and shall be responsible for the correctness of the information. Contractor shall update addresses as reflected by field observation.

No extra compensation will be allowed on account of difference between actual information and that indicated on the Drawings. The Drawings are generally diagrammatical and indicative of the work to be completed. The Contractor shall investigate all conditions affecting his work.

21. CONFLICTS IN WORDING

Wherever conflict occurs between sections of the Contract Documents, if the conflict is one of degree, the stricter shall apply. If the conflict is one of intent, Bidders have the responsibility to contact the Owner for resolution of the conflict. In all cases where the Scope of Work in this Division differs from other Divisions of the Contract Documents in their content, the wording of this Scope of Work will apply.

22. UTILITIES

The Contractor shall determine the exact location of all utilities affected by this work and shall protect the utilities during the course of the work. The Contractor shall, at the discretion of the utility involved, repair or have repaired all damage to the utilities resulting due to the work at no cost to the Owner. These utilities may interfere with the installation of the new lines or appurtenances and the Contractor must allow for such interference in his bid. The Contractor will be required to comply with all provisions of Act 121 of the Commonwealth of Pennsylvania, of 2008, which requires notification of all utility companies of the impending excavation work.

23. BID COMPARSION

The Borough of Homestead reserves the right to delete any Bid Items in any given order, and to re-compare the bids on the basis of the Adjusted Total Bid Price. The Contract Award, if made, will be for one single contract.

24. NOTIFICATION OF AFFECTED FACILITIES

The Contractor shall provide written notification and shall ensure that ALL affected persons and facilities within the limits of work are properly notified that their service will be affected by this project. Such notification shall be made not less than forty-eight (48) hours prior to actual work operations.

25. INSURANCE

In addition to the insurance requirements set forth elsewhere herein, the Contractor shall include the Borough of Homestead as additional named insured on his insurance policies.

26. PERMITS

No local permits are required. Contractor to obtain final Electric Inspection.

27. SPECIAL NOTES PERTINENT TO THE CONTRACT

The following Special Notes are intended to provide clarification of differences between section of this Scope of Work section of the Contract Documents and sections of the Engineering Specifications and are detailed as follows:

1. The Contractor shall not be required to provide or maintain record drawings for this project. This item shall not preclude the report and other requirements detailed in the Scope of Work section of these Contract Documents.

2. The Contractor shall negotiate means of egress and ingress through any public or private property to gain access to the repairs at no cost to the Owner. For work on private property, the Contractor shall keep informed as to the right-of-way limits of the proposed work. Confine all operations to this area unless otherwise directed. The Contractor shall resolve any claims for damages resulting from operations carried out in locations outside the designated work area as an incidental item. The Contractor shall arrange work to cause the least inconvenience to property owners. For work on commercial private properties the Contractor shall not interfere with the operations of that establishment.

3. The Contractor shall be responsible to visit the site prior to submitting a bid, to determine all private restorations such as driveways, landscaping, etc., and the bid price for that particular segment must reflect all restoration costs. All restoration must be equal to, or greater than that disturbed.

    A. No responsibility is assumed by the Owner for subsurface conditions.

B. Any information related to subsurface conditions provided by the Owner or Engineer was obtained for its own use in designing the project, and neither the Owner nor Engineer guarantee the accuracy or relevance of such data.

C. The Contractor is not entitled to rely on any data provided by the Owner or Engineer regarding subsurface conditions, and that all of such information is excluded from the Contract.

D. The Contractor is responsible to make his or her own independent investigations of the site and existing subsurface conditions.

4. In the case of a bid submitted to a joint venture, each party to the venture must be identified in the bid documents and an affidavit of non-collusion must be submitted separately on behalf of each party. Failure to do so in compliance with this instruction will result in disqualification of the bid.

28. RESPONSIBILITY OF CONTRACTOR

The Contractor shall be fully responsible for examining and understanding all terms and conditions relating to the performance of the work under this project and contained on the Contract Drawings and in these Contract Documents.

Should the Contractor have any objections or exceptions to ANY terms and conditions, he shall submit his objections and/or exceptions, in writing, to the Owner and the Engineer prior to the execution of a Contract. The Owner reserves the right to evaluate the exceptions and objections and their right to reject the entire bid.

Should the Contractor fail to provide any such written objections and/or exceptions in the manner previously outlined, and subsequently enter into and executes a Contract for the performance of this project, it shall be fully deemed the Contractor's acceptance of ALL terms and conditions contained herein on the Contract Drawings or in these Contract Documents.

SCOPE OF WORK

RESPONSIBILITY OF CONTRACTOR

Please note, the gauge of wiring shall be specified by electrician and must meet current NEC code. Contractor is responsible for contacting all regulating agencies and final inspections at no cost to the owner Homestead Borough.

The work under this project includes the furnishing of all labor, materials, and equipment required for the performance of all work as indicated in the Contract Documents. The work essentially includes, but is not limited to the following:

All conduit shall be rigid aluminum.

Bid Item #1 – Service Entrance

Unit price shall include a 400 amp Single Service Entrance, 400 amp Single Phase Meter Socket, and NEMA 3R Trough Enclosure Model No. 1300 CH060648 (or approved equivalent). Item also includes the cost of coordinating with power company as required. All fees and permits shall be the responsibility of the Contractor at no extra cost to Borough.

Bid Item #2 - 400 Amp Circuit Breaker Panel Box

The Contractor shall submit a unit price to furnish and install a 400 amp 120/240 volt 42 circuit panel NEMA 3R with main breaker. Item also includes the cost of labor and materials required to install (2) two single Lockable Weatherproof Single GFCI Boxes below the panel box. Each GFCI will be on separate circuit.

Bid Item #3 – Breakers

The Contractor shall submit a unit price to furnish and install the following breakers:
(2) 2 pole 30 amp breakers
(2) 2 pole 50 amp breakers
(2) 100 amp 2 pole breakers
(20) single pole 20 amp breakers

Bid Item #4 – Single Phase wiring

The Contractor shall submit a unit price to furnish and install 3/0 AWG CU (2 conductors + Ground).

Bid Item #5 – 2” Rigid Conduit and Appurtenances

The Contractor shall submit a unit price to furnish and install 2” Rigid Metal Conduit with expansion couplings (expansion joints). Secure the conduit to the exterior wall using one-hole straps or strut clamps, in accordance with current NEC structural support codes.

Bid Item #6 – 1/2” Rigid Conduit and Appurtenances

The Contractor shall submit a unit price to furnish and install 1/2” Rigid Metal Conduit with expansion couplings (expansion joints). Secure the conduit to the exterior wall using one-hole straps or strut clamps, in accordance with current NEC structural support codes.

Bid Item #7– Lockable Weatherproof Double GFCI Boxes

The Contractor shall submit a unit price to furnish and install Aluminum Lockable Weatherproof Double Receptacle Box. Unit price shall include all wiring and appurtenances for a complete installation. Each GFCI will be on separate circuit. Boxes shall be installed a minimum of 4’ above the existing sidewalk measured to the bottom of the boxes.

Bid Item #8– Lockable Weatherproof Single GFCI Boxes

The Contractor shall submit a unit price to furnish and install Aluminum Lockable Weatherproof Double Receptacle Box. Unit price shall include all wiring and appurtenances for a complete installation. Each GFCI will be on separate circuit. Boxes shall be installed a minimum of 4' above the existing sidewalk measured to the bottom of the boxes.

Bid Item #9 – Metal Junction Box

The Contractor shall submit a unit price to furnish and install a weatherproof junction box for use in wet, damp locations. Junction box shall be constructed with heavy-duty cast aluminum with a powder-coated finish for maximum weather and scratch resistance. The internal hub threads shall comply with NEMA requirements and accept all threaded fittings and threaded conduit.

Bid Item #10 – Single Phase Multi Amp Receptacles

The Contractor shall submit a unit price to furnish and install Midwest Electric (or approved equivalent) 100 amp surface 50/30/20 GFCI Model UO75CTL010 (or approved equivalent) Twin Lugs receptacle installed a minimum of 4' above the sidewalk level as shown on plans.

Bid Item #11 – Single Phase Receptacles

The Contractor shall submit a unit price to furnish and install Eaton (or approved equivalent) TWRGF20V receptacle with Intermatic Extra-Duty Die cast In-Use Weatherproof Cover Model No. WP1010MXD (or approved equivalent) installed a minimum of 4' above the sidewalk level as shown on plans.