

GUYANA SHORE BASE INC

PROVISION OF WATER SUPPLY AND DISTRIBUTION INFRASTRUCTURE, GYSBI INDUSTRIAL ESTATE

SCOPE OF WORK

1.0 DESCRIPTION OF WORKS – GENERAL

1.1 Project Description

The Contractor shall provide all materials, equipment, tools, and manpower required for the Provision of Water Supply and Distribution Infrastructure. The water lines shall be buried and consists of a 4 inch diameter supply line commencing at the water meter to a termination point as shown in the drawings. Additionally, a 2 inch diameter pipe shall be installed from the termination point to the various locations as shown in the drawings with both pipelines being situated within the same excavated trench where lines are parallel. Additionally, the Contractor shall construct a buried reinforced concrete reservoir outfitted with pipes and fittings for as per Drawings.

The Contractor will also be responsible for the supply and installation of buried conduits for future development as shown in the Drawings.

The goods and services shall be in accordance with the Drawings, Technical Specifications and Schedule of Rates provided with this RFP Dossier.

2.0 SPECIFICATIONS, DRAWINGS, ATTACHMENTS, AND EXHIBITS

All works shall be performed in accordance with the following description, specifications, drawings, and other documents, which by this reference are made a part thereof.

Appendix	Document
A	Scope of Works; including Drawings and Technical Specifications
B	Schedule of Rates/ Bills of Quantities
C	GYSBI QHSSE Management Handbook for External Parties

3.0 DESCRIPTION OF WORKS – SPECIFIC

The Work described in Sections 1.0 and 2.0 of this document shall include, but not be limited to, the following:

- 3.1 **Preliminary** – The Contractor shall provide the necessary insurances, bonds, Traffic Management Plan, temporary work, site accommodation, QHSSE requirements, etc. for the duration of the contract.
- 3.2 **Site and Setting Out** - Throughout the period of the works the Contractor shall be responsible for setting out works ensuring that the works are carried out in accordance with contractual requirements. This shall be carried out through the establishment and preservation of all benchmarks, survey monuments, setting out marks and such like. The Contractor shall also comply with all legal provisions regarding surveying and setting out works.
- 3.3 **Earthworks** - The waterlines are to be buried and excavations shall follow the alignment(s) shown in the Drawings. Preparation of the bedding to accept the pipelines along with reinstatement of the excavations shall comply with the requirements of Drawings, Technical Specifications and Schedule of Rates. For the reservoir, the Contractor shall be responsible for the erection of shoring/ bracing at no additional cost to the Company with the design being approved prior to installation. Dewatering of excavations shall be carried out as required by the Contractor.
- 3.4 **Pipes and Fittings**- The Contractor shall supply and install pipes and fittings (HDPE and ductile iron) which conforms to the requirements of the Technical Specifications and as detailed in the Schedule of Rates. The Contractor shall be responsible for all works necessary to carry out the pressure testing and disinfecting the installed water lines in accordance with the Technical Specification and as approved by the Company's Representative.
- 3.5 **Concrete Works** - All work and materials for constructing the reinforced concrete reservoir shall conform to relevant sections of the Technical Specification. Supports and/or bedding material shall be placed in accordance with Drawings or as required by the Employer's Representative. The bedding material for the concrete foundation is 2" thick concrete blinding as indicated on the drawings. The concrete used for all structural work described shall be Grade 35 [5,000 psi] as indicated in the BoQ or directed by the Company's Representative. All reinforcing steel used conform to ASTM A615 and shall be Grade 60 deformed bars.
- 3.6 **Conduits (PVC)** - The Contractor shall supply and install conduits (PVC) at the locations shown on the Drawings and detailed in the Schedule of Rates and Technical Specifications. The ends of the conduits shall be capped to prevent the intrusion of foreign matter and consequently clogging.

3.7 **Utilities** – Before any excavation is carried out, a subsurface scan for utilities in the area of interest will be done by the Company. Where it is unavoidable to work in proximity of such utilities, particular care must be taken by the Contractor. The methodology must first be approved by the Company prior to the commencement of works in this regard. Further, the work method established by the Contractor shall be guided by the following:

- Where unknown services are encountered, immediately advise Company and confirm findings in writing.
- Where work involves breaking into or connecting to existing services, carry out work at times as directed by Company. The necessary isolations and associated PTW and certificate/s must be instated before said connections can be made.
- Record locations, including elevations, of maintained, rerouted and abandoned service(s).

3.8 **Contractor's Scope Interfaces/Simultaneous Operations (SIMOPS)** - For Contractor to perform the work, incidentally, it will be necessary to interface with others during the Work. The Contractor and Company shall work together for interface planning and implementation relating to SIMOPS or where works will affect Operations.

3.9 **Waste Management Services** - Toilets, construction waste containers and services for hauling, removal and disposal of construction waste is the responsibility of the Contractor.

3.10 **Non-Compliance** – The Company's QC/QC Representative shall notify the Contractor of any non-compliance. The Contractor shall respond within 3 days regarding their schedule and what corrective action/replacement will be taken, where applicable, after receiving the notice. If the Contractor fails or refuses to promptly take corrective action, the Company may issue an order suspending all future supply. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule for any suspension issued under this clause.

3.11A **Pre-job conference/Kick-off meeting** will be required prior to the start of the project. The conference will be between the Company's HSE Representative, Company's Engineering Representative, Company's Operations Representative, and the Contractor to review the responsibilities and requirements for project implementation. At that time, the Contractor

shall present a copy of his execution plan for the delivery and shall discuss in detail the procedures and the sequence of the works.

- 3.12 **Contractor's Resources** - The Contractor shall provide all necessary managerial, administrative and direct labor personnel, as well as transportation, equipment, tools, supplies and materials required for the project. The number and staffing of crews shall be agreed upon and is subject to adjustment as required by the Company for completion of works.