

**GUYANA SHORE BASE INC.(GYSBI)**

**PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE**

**BILLS OF QUANTITIES**

## PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE GRAND SUMMARY

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PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.1 - PRELIMINARIES

Ref	Description	Unit	Amount
1.1	<b>CLASS A: GENERAL ITEMS</b>		
1.1.1	<b>NAME OF PROJECT</b>		
1.1.1.1	<b>"The Project" shall be called -</b> Provision of Access Control, Plots 1-3, GYSBI Industrial Estate, McDoom		
1.1.1.2	<b>NATURE OF PROJECT</b>		
1.1.1.2.1	The works outlined in this project comprises of supply and installation of 337 metres of chain link fence along with gates.		
1.1.1.3	<b>LOCATION OF PROJECT</b>		
1.1.1.3.1	The Project is located at GYSBI Industrial Estate, Guyana Shore Base, McDoom, EBD.		
1.1.1.4	<b>"Employer" shall mean -</b>		
1.1.1.4.1	Guyana Shore Base Inc (GYSBI) Houston E.B.D		
1.1.1.5	<b>LIST OF DRAWINGS</b>		
1.1.1.5.1	The Drawings attached in Appendix B were used in the preparation of the Bills of Quantities will form part of the Tender Documents.		
1.1.1.6	<b>EXISTING BUILDINGS ON OR ADJACENT TO SITE</b>		
1.1.1.6.1	The Contractor is deemed to have visited the Site prior to his Tender submission to ascertain to his satisfaction, the existing nature of the Site and existing buildings and structures and take every precaution to minimize the effects of the Works on existing infrastructure and operations.	-	-
1.1.1.7	<b>METHOD OF MEASUREMENT</b>		
1.1.1.7.1	The Bills of Quantities have been prepared generally in accordance with the Civil Engineering Standard Method of Measurement of Building works 4th Edition Revised 2012.	-	-
1.1.1.8	<b>DESCRIPTION OF WORKS</b>		
1.1.1.8.1	The works outlined in this project comprises of the supply and installation of chain link fence; with 302m to be mounted on an existing concrete drain/ slab while 42m is to be cast in buried concrete, and vehicle and pedestrian gate.	-	-
1.1.1.9	<b>PRICING OF BILLS: Alterations and qualifications to Bills of Quantities must not be made without the written consent of the Company.</b> Costs relating to items which are not priced will be deemed to have been included elsewhere in the Bills of Quantities.	-	-
1.1.1.10	<b>CONTRACTUAL REQUIREMENTS</b>		
1.1.1.10.1	Allow for the provision of the following insurances for the duration of the project: Contractor's All Risk - <b>Coverage \$22,000,000</b> Company Liability - <b>Coverage \$11,000,000</b> Public Liability - <b>Coverage \$11,000,000</b>	Fixed Charge	
	Page Total (GUY\$) Carried to Collection BN1-1		

PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.1 - PRELIMINARIES

Ref	Description	Unit	Amount
1.1.1.11	<b>SPECIFIED REQUIREMENTS</b>		
1.1.1.11.1	The Contractor shall provide a dedicated (full time) QHSSE Inspector for the duration of the project. The Officer shall have a minimum of 3 years experience with projects of a similar nature. A signed CV shall be submitted as part of the Tender Documents.	Fixed Charge	
1.1.1.11.3	<b>Project Engineer's Site Meeting:</b> <ul style="list-style-type: none"> <li>The Project Engineer will hold regular site meeting to review progress and other matters arising from the administration of the Contract. Meetings will be held as agreed by both parties.</li> <li>Ensure the availability of accommodation at the time of such meetings.</li> <li>Attend all meetings and inform subcontractors and suppliers when their presence is required.</li> <li>The Project Engineer will chair the meetings and take and distribute minutes.</li> </ul>	Included	Included
1.1.1.11.4	<b>Good Practice:</b> Where and to the extent that materials, products and workmanship are not fully detailed or specified, they are to be: <ul style="list-style-type: none"> <li>Of a standard appropriate to the Works and suitable for the functions stated in or reasonably to be inferred from the project documents, and</li> <li>In accordance with good building practice.</li> </ul>	Included	Included
1.1.1.11.5	<b>General Quality of Products:</b> <ul style="list-style-type: none"> <li>Products to be new unless otherwise specified.</li> <li>Where a choice of manufacturer or source of supply is allowed for any particular product, the whole quantity required to complete the work must be of the same type, manufacture and/or source unless otherwise approved. Produce written evidence of sources of supply when requested by the Project Engineer.</li> <li>Ensure that the whole quantity of each product required to complete the work is of consistent kind, size, quality and overall appearance.</li> <li>Where consistency of appearance is desirable ensure consistency of supply from the same source. Unless otherwise approved do not use different colour batches where they can be seen together.</li> <li>If products are prone to deterioration or have a limited shelf life, order in suitable quantities to a programme and use in appropriate sequence. Do not use if there are any signs of deterioration, setting or other unsatisfactory condition.</li> </ul>	Included	Included
1.1.1.11.6	<b>Work At or After Completion; Generally:</b> <ul style="list-style-type: none"> <li>Make good all damage consequent upon the work.</li> <li>Remove all temporary markings, coverings and protective wrappings unless otherwise instructed.</li> <li>Clean the works thoroughly inside and out including all accessible ducts and voids, remove all splashes, deposits, efflorescence, rubbish and surplus materials consequent upon the execution of the work.</li> <li>Cleaning materials and methods to be as recommended by manufacturers of products being cleaned, and to be such that there is no damage or disfigurement to other materials or construction.</li> <li>Touch up minor faults in newly painted/repainted work, carefully matching colour, and brushing out edges. Repaint badly marked areas back to suitable breaks or junctions.</li> <li>Adjust, ease and lubricate moving parts of new work as necessary to ensure easy and efficient operation, including doors, windows, drawers, ironmongery, appliances, valves and controls.</li> </ul>	Included	Included
	Page Total (GUY\$) Carried to Collection BN1-2		

PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.1 - PRELIMINARIES

Ref	Description	Unit	Amount
1.1.1.11.7	<b>Approvals:</b> Where and to the extent that products or work are specified to be approved or the Project Engineer instructs or requires that they are to approved, the same must be supplied and executed to comply with all other requirements and in respect of the stated or implied characteristics either: • To the express approval of the Project Engineer or • To match a sample expressly approved by the Project Engineer as a standard for the purpose.	Included	Included
1.1.1.12	<b>SECURITY/ SAFETY/ PROTECTION</b>		
1.1.1.12.1	<b>Protect Against the Following:</b>		
1.1.1.12.1.1	<b>Pollution:</b> Take all reasonable precautions to prevent pollution of the site, the Works and the general environment including streams and waterways. If pollution occurs, inform the appropriate Authorities and the Project Engineer without delay and provide them with all relevant information.	Included	Included
1.1.1.12.1.2	<b>Waste:</b> • Remove rubbish, debris, surplus material and spoil regularly and keep the site and Works clean and tidy. • Remove all rubbish, dirt and residues from voids and cavities in the construction before closing in.	Included	Included
1.1.1.12.1.3	Physical Hazards – Noise, vibration, electricity, fire, Temperature extremes (heat), & mechanical (moving parts of tools, etc.) must be controlled with safeguards for the duration of the project.	Included	Included
1.1.1.12.2	<b>Protect the Following:</b>		
1.1.1.12.2.1	<b>Work in All Sections:</b> Adequately protect all types of work and all parts of the Works, including work carried out by others, throughout the Contract. Wherever work is of an especially vulnerable nature or is exposed to abnormal risks provide special protection to ensure that damage does not occur.	Included	Included
1.1.1.12.2.2	<b>Existing Services:</b> • Notify all service authorities and/or adjacent owners of the proposed works not less than one week before commencing site operations. • Before starting work check positions of existing services. Where positions are not shown on drawings obtain relevant details from service authorities or other owners. • Adequately protect, and prevent damage to all services. Do not interfere with their operation without consent of the service authorities or other owners.	Included	Included
1.1.1.13	<b>SPECIFIC LIMITATIONS ON METHOD/ SEQUENCE/ TIMING/ USE OF SITE</b>		
1.1.1.13.1	<b>Programme:</b> Within <b>3 days</b> of delivery of the <b>Letter of Acceptance</b> , the Contractor shall provide the Project Engineer in an approved form a master programme for the Works, in accordance with the Technical Specifications.	Included	Included
1.1.1.13.2	<b>Site Access:</b> All personnel require the company's approval for access to the site. Contractor's Personnel requiring access shall request access via <a href="https://visit.gysbi.gy/register">https://visit.gysbi.gy/register</a> .	Included	Included
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PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.1 - PRELIMINARIES

Ref	Description	Unit	Amount
1.1.1.13.3	<b>Induction Training:</b> Before the execution of any works on the company's property, the <b>Contractor's employees shall attend an induction training</b> for intended to inform the Contractor's employees of GYSBI's QHSSE policies. The training exercise will be conducted over a period <b>one (1) day</b> .	Included	Included
1.1.1.13.4	<b>Start of Work:</b> No work activity shall commence without a Permit to Work (PTW) issued by the Base Manager/ Area Authority as applicable. PTW applications are to be submitted a minimum of 24 hours prior to the commencement of the shift.  Excavation works will require an excavation certificate to accompany the PTW. A CAT scan will be performed by GYSBI in the area to be excavated to ensure that there are no buried underground utilities.	Included	Included
1.1.1.13.5	<b>Working Hours:</b> The Site is available to the Contractor on a 24 hours basis for the execution of project related activities. In the event that work hours will be disrupted by the Client, adequate notice to the Contractor will be provided, with the exception of emergency/ high priority interruptions.	Included	Included
1.1.1.13.6	<b>Alcohol Testing:</b> Daily alcohol tests are mandatory for all contractor personnel. Testing is conducted at the security checkpoint prior to site entry.	Included	Included
1.1.1.13.7	<b>Pre-qualification Assessment:</b> the Contractor will be required to complete GYSBI's contractor pre-qualification process if not already qualified.  If prequalification was not completed prior, all contractor personnel must undergo Fitness to Work (FTW) testing, which includes screening for drugs, alcohol, and contraband items, and provide records of same to the Company. Additional requirements exist for safety sensitive positions (operators, etc.).  If prequalification was completed, the records of FTW for the low exposure workers (supervisors, etc.) and safety sensitive (operators, etc.) must be provided to the Company.	Included	Included
1.1.1.14	<b>FACILITIES/TEMPORARY WORKS/SERVICES</b>		
1.1.1.14.1	<b>Locations:</b> Inform Project Engineer of the intended siting of all spoil heaps, temporary works and services.	Included	Included
1.1.1.15	<b>SITE ACCOMODATION</b>		
1.1.1.15.1	- Site Accomodation: The Contractor shall make provisions for office(s), sanitary facilities and the like, as required for the duration of the project.	Included	Included
1.1.1.16	<b>SERVICES AND FACILITIES</b>		
1.1.1.16.1	- Safety Health and Welfare - Provision of Personal Protective Equipment (PPE) for all staff, construction workers and visitors to the construction site for the duration of the project.	Fixed Charge	
1.1.1.16.2	- Rubbish Disposal for the duration of the project.	Included	Included
1.1.1.16.3	- Protection of work in all sections for the duration of the project.	Included	Included
	Page Total (GUY\$) Carried to Collection BN1-4		

**PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.1 - PRELIMINARIES**

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BILL NO.1 - PRELIMINARIES**

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PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.2 - CHAIN LINK FENCE AND GATES

Ref	Description	Unit	Qty	Rate	Amount
2.1	<b><u>CLASS X: MISCELLANEOUS WORKS</u></b>				
2.1.1	Modify and reinstall handrails as shown in Drawing or directed by Engineer. Cost to include for additional pipe as necessary, provision of concrete foundation for rails, cleaning and painting rails.	Sum	-		
2.1.2	Remove section of fence and gate as shown in Drawing or directed by Engineer. Cost to include for transportation of sections to the Maintenance Compound for storage and disposal of remaining sections as directed by the Engineer.	Sum	-		
2.1.3	<b>CHAIN LINK FENCE</b>				
2.1.3.1	<b>Type 1 - Concrete Base</b>				
2.1.3.1.1	Supply and install chainlink fence (9 Ga.) with 2" diameter galvanized, schedule 40, posts at 9'-5" centers topped with double row of razor wire angled outwards of Plot, overall fence height 96" measured from ground level to top of the top rail. Terminal, end posts and directional changes shall be truss braced with 2" diameter galvanised, schedule 40 pipes. The bottom rail of the fence shall not be greater than 4" above the ground drain along the entire length of the fence as per Drawings. Rate to include for the provision of tension bars, straps, caps, etc. <b>Fence base connection to be formed from mass concrete; 3,500 psi., 12" x 12" x 36". Rate to include for excavation, formwork, compacted backfill.</b>	m	42		
2.1.3.2	<b>Type 2 - Metal Base - Mounted on Drain Wall</b>				
2.1.3.2.1	Supply and install chainlink fence (9 Ga.) with 2" diameter galvanized, schedule 40, posts at 9'-5" centers topped with double row of razor wire angled outwards of Plot, overall fence height 96" measured from ground level to top of the top rail. Terminal, end posts and directional changes shall be truss braced with 2" diameter galvanised, schedule 40 pipes. The bottom rail of the fence shall not be greater than 4" above the ground drain along the entire length of the fence as per Drawings. Rate to include for the provision of tension bars, straps, caps, etc. <b>Fence base connection to be formed from 6" x 6" x 1/4" thick angle iron, prepared to SSP10 and coated with 2 coats of Torginol ARBONAMEL XH as per manufacturer's guidelines. Rate to include for the provision of shims and anchor bolts.</b>	m	239		
2.1.3.3	<b>Type 3 - Metal Base - Mounted on Top of Slab</b>				
2.1.3.3.1	Supply and install chain link fence (9 Ga.) with 2" diameter galvanized, schedule 40, posts at 9'-5" centers topped with double row of razor wire angled outwards of Plot, overall fence height 96" measured from ground level to top of the top rail. Terminal, end posts and directional changes shall be truss braced with 2" diameter galvanised, schedule 40 pipes. The bottom rail of the fence shall not be greater than 4" above the ground drain along the entire length of the fence as per Drawings. Rate to include for the provision of tension bars, straps, caps, etc. <b>Fence base connection to be formed from 6" x 6" x 1/4" thick mild steel plate, flat, prepared to SSP10 and coated with 2 coats of Torginol ARBONAMEL XH as per manufacturer's guidelines. Rate to include for the provision of shims and anchor bolts.</b>	m	63		
2.1.4	<b>GATES</b>				
2.1.4.1	<b>Vehicle Gate</b>				
2.1.4.1.1	Supply and install metal gate; vehicle, 7' high x 40' wide, swinging, double leaf, chainlink with 2" diameter CHS, schedule 40, as shown in Drawings. Rate to include for the cleaning and application of 2 coats of ARBONAMEL XH at welds, provision and anchoring of gate posts, heavy duty hinges, 12" diameter spring type caster wheels, solid rubber, 360-degreesswivel and locking mechanism as per Drawings or as directed by the Engineer.	nr.	1		
	Page Total (GUY\$) Carried to Collection BN2-1				

PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.2 - CHAIN LINK FENCE AND GATES

Ref	Description	Unit	Qty	Rate	Amount
2.1.4.2	<b>Pedestrian Gate</b>				
2.1.4.2.1	Supply and install metal gate; pedestrian, 84" high x 48" wide, swinging, chainlink with 2" diameter CHS, schedule 40, as shown in Drawings. Rate to include for the cleaning and application of 2 coats of ARBONAMEL XH at welds, provision and anchoring of gate posts, heavy duty hinges, and panic bar locking mechanism as per Drawings or as directed by the Engineer.	nr.	1		
2.1.4.3	<b>Drain Gate</b>				
2.1.4.3.1	Supply and install metal gate to drain. Rate to include for the cleaning and application of 2 coats of ARBONAMEL XH as directed by the Engineer.	nr.	1		
Page Total (GUY\$) Carried to Collection BN2-2					

PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE  
BILL NO.2 - CHAIN LINK FENCE AND GATES

Ref	Description	Unit	Qty	Rate	Amount
	<u>COLLECTION</u>  Page BN 2-1  Page BN 2-2				
	Page Total (GUY\$) Carried to Grand Summary BN2-3				

**GUYANA SHORE BASE INC.(GYSBI)**

**TENDER SUBMISSION CHECKLIST**

**PROVISION OF ACCESS CONTROL, PLOTS 1-3, GIE**

#	Question	Bidder's Response	
		Yes	No
1	Have you satisfied all of the requirements outlined in the Instruction to Bidders - Evaluation Criteria?		
2	Are you aware that an project dedicated staff are requied to attend a one (1) day Induction Training?		
3	Are you aware that all fence elements are to be galvanized?		
4	Do your rates include tension bars, tension bands, caps, razor wire?		
5	Are you aware that the chain link in 9 gauge?		
6	Do you know that a section of the fence is to be mounted on the drain wall and base plates are to be fabricated for these?		
7	Is your company already pre-qualified with GYSBI?		
8	Do your rates include all taxes,customs duties, VAT?		