REQUEST FOR QUOTATIONS

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| --- | --- |
| RFQ No. | **RFQ No.046** |
| Service and/or Goods to be Provided: | Construction of Sanguni Sesame Warehouse |
| Issue Date: | 17 July 2017 |
| Closing Date for Questions: | 23 July 2017 |
| Submit Questions to: | [solicitations@sogeel.org](mailto:solicitations@sogeel.org) |
| Closing Date for Proposals: | 27 July 2017 |
| Submit Proposal to: | [solicitations@sogeel.org](mailto:solicitations@sogeel.org) |

**See the attached Designs**

Contracting Entity:

International Resources Group (IRG), a subsidiary of RTI International

Activity Under:

USAID/Growth, Enterprise, Employment & Livelihoods (GEEL) Project

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# Introduction

## 1.1 Project Background:

Growth, Enterprise, Employment & Livelihoods (GEEL) is a 5-year United States Agency for International Development (USAID) -funded development project designed to promote and facilitate economic growth. Based in Mogadishu, Somalia, the project works in all Somali regions and is currently focusing on the agricultural sector, fisheries and renewable energy. It will also seek to strengthen the business environment through improving access to finance, policy and regulation, and business development services. Focus is given to increase the participation of women and youth in the economy as entrepreneurs, employers, and employees.

In the agriculture sector, particularly focusing on sesame, GEEL has started to work with local sesame companies to increase production volumes, yields, quality, packaging and transportation through a combination of technical assistance, training, investment facilitation and grant funding.

## 1.2 Activity Background:

Somalia has the potential to be one of the largest sesame exporters in the region, and international demand for processed sesame remains high. Since Somalia is one of the few countries that grow sesame as a traditional crop, it has the potential to fulfill a high market demand for sesame.

Sesame is Somalia’s largest export crop, but the industry faces numerous challenges. One of the significant challenges facing the Somali sesame industry is the lack of processing capacity to produce high quality seeds, especially to international standards required in the exporting market. With increased processing capacity, Somalia will be able to compete internationally in both cleaned and hulled sesame and enter into higher markets.

Another challenge that the Somali sesame industry needs to overcome is the lack of storage capacity. Due to the shape of the seed, sesame is difficult to aerate in storage bins. As a result, the seeds need to be harvested as dry as possible and stored at 6% moisture or less. If there is too much moisture in the storage, the seeds can heat up and become rancid very easily.

The Sanguni Farming Company is seeking assistance in constructing a storage warehouse in Kismayo, Jubaland to better store processed seeds. Sanguni Farming Company has already invested in processing machinery and equipment, and has secured the permits for constructing the warehouse. GEEL seeks local contractors to construct a large warehouse to store processed seeds. With the establishment of the storage facility, we anticipate the following results:

* Increase sales by 2x
* Increase exports of sesame by 2x

## 1.3 Purpose of the RFQ:

This Request for Quotation (RFQ) intends to identify Contractors that will carry out the construction of the Sanguni Sesame Storage facility, which is located in Kismayo, Jubaland. The GEEL project invites contractors to submit technical and financial proposals for this work. GEEL encourages participants to review the technical proposal carefully, especially the: a) Methodology and Work Schedule, b) List of Equipment and Materials Sourcing; c) Key Personnel and Subcontractors and d) Anticipated Use of Local Labor as the scope to be accomplished under this agreement has increased. It is recommended that the subcontractors prepare their technical proposal to match the exact scope.

## 1.4 Type of Contract:

An award resulting from this RFP will be a Firm Fixed Price Contract. A Firm Fixed Price contract provides for a price that is not subject to any adjustment on the basis of the contractor’s cost experience in performing the contract. This contract type places upon the contractor maximum risk and full responsibility for all costs and resulting profit or loss. It provides maximum incentive for the contractor to control costs and perform effectively and imposes a minimum administrative burden upon the contracting parties.

## 1.5 Objective

To complete and hand over to GEEL within an agreed timeline and budget a completed sesame storage facility located in Kismayo, Jubaland in respect to the construction specification.

## 1.6 Construction Implementation

* Construction implementation in line with the submitted work schedule
* Work closely with GEEL engineers and attend progress review meetings during the course of the project
* Maintain available at site the following documentation:
  + Site logbook
  + Visitor logbook
  + Safety and health plan
  + Quality control plan
  + Site Diary
* Ensure that appropriate safety measures are taken on site to minimize the risk of accident to the workers and public.

## 1.7 Timeline for Completion of the Project

A contractual timeline will be part of this agreement signed with the successful bidder. We anticipate that this project will be completed in approximately 3 months.

## 1.8 Price

The Cost Proposal shall be submitted in conformity with Annex 1 of this RFQ. The unit prices shall be fully burdened with all materials, labor, supervision, quality assurance, transport, security, overhead, profit/fee, risk, and all other incidentals necessary for the completion of the work.

* Project cost will be fixed price in USD
* Cost proposals will be evaluated based on reasonableness and practicality for the nature of the proposed work and prevailing regional market rates for construction materials.

# 2. Scope of Work

The purpose of this RFQ is to construct a sesame storage facility.

- Transport and unload at site of all necessary parts, materials and equipment

- Site clearance and demolition wherever needed

- Disposal of waste material

- Construction of Sesame Storage facility per the design and BOQ.

- Site cleanup after construction

## 2.1 Deliverables During Construction

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Quantity** | **Delivery Date** | **Deliver To** |
| Terms of Payment | 1 | During contract negotiations | Operations Director |
| Work Schedule | 1 | 3 days after award | Operations Director |
| Pre-Construction Site Review | 1 | Upon award | GEEL Infrastructure Engineer |
| Payment Request |  | As per completed works and the terms of payment | Operations Director |
| Bi-Weekly Progress Report and photographs |  | By Sunday every second week of project implementation | Operations Director |
| Updates to Work Schedule | 1 | By Sunday of every second week of project implementation if needed | Operations Director |
| Final Report | 1 | After acceptance | Operations Director |
| Final Invoice | 1 | After acceptance | Operations Director |

## 2.2 Contract Administration

Technical Direction: Performance of the work here under shall be subject to the technical direction of the site Engineer/ GEEL Infrastructure Engineer. Contractors will be informed of a designee to GEEL Infrastructure Engineer by writing only.

## 2.3 Special Contract Requirements

### 2.31. Executive Order on Terrorism Financing

U.S. Executive Orders and U.S. law prohibits transactions with, and the provision of resources and support to, individuals and organizations associated with terrorism. It is the legal responsibility of the Offeror to ensure compliance with these Executive Orders and laws. This provision must be included in all subcontracts and agreements issued under this Agreement.

### 2.3.2. Place of Performance

GPS Coordinate for the facility are 0 20 29.951S 42 32 13.765E.

### 2.3.3. Environmental Monitoring Report

In accordance with USAID Environmental Procedures, the GEEL project has generated the appropriate environmental management documentation for the Sanguni Sesame Storage Warehouse activity. The environmental management approach requires that the construction contractor will implement mitigation measures that are described in the subproject-specific Environmental Mitigation and Monitoring Plan (EMMP) provided below. Costs associated with the implementation of the mitigation measures are the responsibility of the construction contractor and should be included in their cost proposal.

During project implementation, the construction contractor will be contractually obligated to fully implement the following environmental mitigation measures listed in the EMMP and the GEEL Infrastructure Engineer will monitor the construction contractor to ensure that the measures are implemented effectively.

|  |  |  |  |
| --- | --- | --- | --- |
| Mitigation Action | Responsible Party | Monitoring/Verification Method | Monitoring Record (date, result, corrective actions taken, if any) |
| General contractor will not extract fill, sand or gravel from waterways or ecologically sensitive areas, nor will it knowingly purchase these materials from vendors who do so | Construction contractor | GEEL monitoring |  |
| Identify and implement any feasible measures to increase the probability that timber is procured from legal, well-managed sources | Construction contractor | GEEL monitoring |  |
| Ensure that paint procured is non lead-based and that workers are trained on paint storage and disposal practices | Construction contractor | GEEL monitoring |  |
| Institute health and safety practices and train workers on personal protection equipment (PPE) based on an activity analysis | Construction contractor | GEEL monitoring |  |
| Construction must be managed so that no standing water on the site persists more than 4 days | Construction contractor | GEEL monitoring |  |

### 2.3.4. Performance Bond

Offeror shall be asked to provide a performance bond of 10% of the contract amount sufficient to guarantee successful completion of the work required at time of award.

### 2.3.5. Builder’s Risk Insurance

Offeror shall provide recommended builder’s risk coverage sufficient to guarantee adequate monetary liquidity during performance.

### 2.3.6. Compliance with USAID Disability Policy

The contractor shall comply to the extent practicable and within the scope of the contract, with the Government of Somalia policy for Accessibility for the Disabled, or in absence of this, the intent of USAID’s policy on standards for Accessibility for the Disabled in USAID- financed construction.

## 2.4 Contract Clauses

Pursuant to Federal Acquisition Regulations (FAR) 52.252-2 “Contract Clauses Incorporated by Reference” (FEB 1998), this Order incorporated the following FAR clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracts Administrator will make their full text available.

**Anti- Kick Back Act of 1986**. Anti-Kickback Act of 1986 as referenced in FAR 52.203-7 is hereby incorporated into this Request for Proposal as a condition of acceptance. If you have reasonable grounds to believe that a violation, as described in Paragraph (b) of FAR 52.203-7 may have occurred, you should report this suspected violation to the RTI’s Ethics Hotline at 1‑877-212-7220 or by sending an e-mail to [ethics@rti.org](mailto:ethics@rti.org). You may report a suspected violation anonymously.

1. Consistent with the September 10, 2009, memorandum from the Department of State (State) to the Department of Treasury’s OFAC, and with the September 16, 2009, memorandum from OFAC to State, both relating to State/USAID Somalia Programs, the subcontractor agrees that it and/or its implementing partners (including contractors, grantees, sub-contractors, and sub-grantees) will not knowingly and voluntarily make payments or provide any other benefits to al Shabaab or to entities controlled by al Shabaab, or to individuals’ acting on behalf of al Shabaab (collectively, “excluded parties”). Such prohibited payments or other benefits would include:
2. Cash facilitation fees or other similar fees at roadblocks, ports, warehouses, airfields or other transit points to excluded parties;
3. Purchases or procurement of goods or services from excluded parties; and
4. Payments to excluded parties as the de facto municipal authority.
5. The Subcontractor or its implementing partners agree to exercise enhanced due diligence when providing assistance to Somalia under this award to avoid the accidental, unintentional, or incidental provision of such payments or benefits to excluded parties.
6. In the event that the contractor or its implementing partners (including contractors, grantees, sub- contractors and sub-grantees) becomes aware that it made a payment or provided a benefit to excluded parties, the contractor shall, within ten days after becoming aware of such payment or provision of benefit, notify the Contracting Officer in writing, with a copy to the COR, of such payment or provision of benefit. This notification shall include the following information:

a) Factual description of each such event;

b) Amount of funds expended or other benefit provided for each such event;

c) Safeguards and procedures, including management and oversight systems, that were in place to help avoid the occurrence of such event; and

d) Explanation of the reasons for each such payment or each such benefit provided, including whether it was made or provided knowingly, voluntarily, accidentally, unintentionally, incidentally, or forced.

NOTICE LISTING CONTRACT CLAUSES INCORPORATED BY REFERENCE

FEDERAL ACQUISITION REGULATION (48 CFR Chapter 1)

**NUMBER TITLE DATE**

52.202-1 Definitions NOV 2013

52.203-3 Gratuities APR 1984

52.203-7 Anti-Kickback Procedures MAY 2014

52.203-8 Cancellation, Rescission, and Recovery of Funds for Illegal or

Improper Activity MAY 2014

52.203-10 Price or Fee Adjustment for Illegal or Improper Activity MAY 2014

52.203-12 Limitation on Payments to Influence Certain Federal

Transactions OCT 2010

52.223-6 Drug-Free Workplace MAY 2001

52.228-4 Workers’ Compensation and War-Hazard Insurance APR 1984

52.228-7 Insurance - Liability to Third Persons MAR 1996

52.232-5 Payment Under FP Construction Contracts MAY 2014

52.233-1 Disputes MAY 2014

52.236-9 Protection of Existing Vegetation, Structures, Equipment,

Utilities, and Improvements APR 1984

52.236-13 Accident Prevention Nov 1991

52.236-15 Schedules for ConstructIon Contracts APR 1984

52.236-21 Specifications and Drawings for Constructions FEB 1997

52.236-27 Site Visit (Construction) FEB 1995

52.242-13 Bankruptcy JUL 1995

52.243-1 Changes - Fixed-Price AUG 1987

52.246-2 Inspection of Supplies-Fixed Price AUG 1996

52.246-4 Inspection of Services-Fixed Price AUG 1996

52.249-1 Termination for Convenience of the Government

(Fixed-Price) (Short Form) APR 1984

52.249-2 Termination for Convenience of the Government

(Fixed-Price) APR 2012

52.249-8 Default (Fixed-Price Supply and Service) APR 1984

Also, the full text of a clause may be accessed electronically at the following Internet addresses:

[http://www/ARNet/gov/far/](http://www/ARNet/gov/)

<http://farsite.hill.af.mil/vffari.htm>

<http://www.gsa.gov/far/current/html/toc.html>

This subcontract incorporates the following clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Subcontracts Administrator will make the full text available.

USAID Acquisition Regulations (48 CFR Chapter 7) Clauses

* + 1. AID Definitions Clauses – General Supplements of Use in all AID

Contracts (JAN 1990) (ALT 70)

* + 1. Language and Measurement (JUN 1992)

752.7009 Marking (January 1993)

752.7006 Notices (APR 1984)

* 1. Approvals (APR 1984)

## 2.5 Delivery and Storage of Materials

The Contractor shall be responsible for all materials transport, storage, and providing any necessary

security containers, and fencing and protection from the weather. At the end of the project, the

Contractor shall remove all debris created by construction activities. The Contractor is responsible to

control all theft and unauthorized use of materials and equipment on site

## 2.6 Cleanup

The Contractor shall keep the work site clean and neat at all times, removing all debris and refuse

promptly at the end of each day from the site. At the end of the project work, the Contractor shall clean

up the site to the satisfaction.

# 3. Instruction to Offerors

Each offeror must (1) fill the Template for Bid Preparation (Annex 2), (2) submit the following:

1. Technical Proposal indicating specific approach and Work Plan / timetable to achieve the results of the project;
2. Detailed Cost/Price Submission. Details found in BOQ (Annex 1)

The completion and submission to GEEL of the above items will constitute an offer (proposal) and will indicate the Offeror’s unconditional assent to the terms and conditions in this RFQ and in any attachments hereto. GEEL may award a purchase order/contract without discussions. However, GEEL reserves the right to conduct discussions and to permit offerors’ to revise their proposals.

Each offeror must electronically submit one email with the technical proposal and cost proposal. Technical and Cost Proposal files must be named “TECHNICAL PROPOSAL – OFFEROR NAME” and “COST PROPOSAL – OFFEROR NAME.” Proposals must be in Microsoft Word and Excel, and formulas must be shown in the excel file.

## 3.1 Other Information:

Cost/Price Information. Offerors must complete the unit price and total amount against each line item in the Guiding Bills of Quantities - Annex 1 referred to in Section C.

Audited Financial Statements. The offeror must submit a copy of its most recent independent auditor’s report with its proposal. GEEL reserves the right to require offerors to submit any other information in order to adequately support the Offeror’s proposed costs.

1. Written Capability Information. Each offeror must provide written capability information that demonstrates their ability to meet or exceed the requirements outlined in Section C herein.
2. Personnel. The Offeror must propose a project manager that will be responsible for overall project management. Each Offeror must provide, as part of their proposal, a detailed resume that demonstrates that Offeror’s Key Personnel’s ability to perform the duties outlined in the statement of work and in accordance with the evaluation factors found herein. GEEL will evaluate the resume to determine the individual’s knowledge, skills and abilities in the areas listed herein. The person or persons proposed as key personnel must confirm by signature his/her present intention to serve in the stated position and their present availability to serve for the term of the proposed subcontract.
3. Past Performance References. Offerors must include descriptions of at least three (3) relevant projects over the last three (3) years. These references must include the project name; a one-paragraph description of the assignment; the client’s name; telephone number, and e-mail address; the period and place of performance; and the total contract value.
4. Health Safety and Environment Requirement: All Offerors should provide appropriate supporting documentation regarding HSE policy and objectives and standards to promote safe work procedures.
5. This Request for Proposals does not obligate the GEEL Project to execute a subcontract or purchase order, nor does it commit GEEL to pay any costs incurred in the preparation and submission of proposals. Furthermore, GEEL reserves the right to reject any and all offers, if such action is considered to be in our best interests

## 3.2 Drawings and Bill of Quantity

The works are detailed on the drawings and read together with BOQ(Bill of Quantity) as submitted to the contractor. Figures and dimensions only shall be followed. No dimensions shall be scaled from drawings. Clarifications must be obtained from the GEEL infrastructure Engineer and Deputy Chief of Party or designee in case of any ambiguities.

# 4. Minimum Standards

## 4.1 General

### 4.1.1 Quality of Materials & Technical Specifications

The GEEL Engineer and GEEL Technical Specialist shall check and approve the quality of all materials delivered to site. Materials must meet the minimum requirements and will not be recycled, previously used or repaired. Any material that does not meet the minimum standards shall be rejected. Such materials shall be removed from site and replaced at the Contractors expense with materials of the required quality.

### 4.1.2 Quantity of Materials

The GEEL Site Engineer shall check that the required quantity of materials has been delivered to site and used in the works. The Engineer will not certify payment for any materials specified in the contract but not used in the works, for whatever reason.

### 4.1.3 Quality of Workmanship

The GEEL Engineer and GEEL Technical Specialist shall be responsible for checking that the quality of workmanship by the contractor is of an acceptable standard according to this Specification. The GEEL Supervisor Engineer will reject any work that has not been executed to the required standard. The Contractor shall redo any rejected works at his own expense and with no time delays to the overall scheme.

## 4.2 Building and Structures

### 4.2.1 Excavations

Excavations shall be clean and free of water. All excavations will be inspected by the Site Engineer before work proceeds. The Contractor shall give the GEEL Supervisor Engineer 3 days’ notice of the inspection date.

Excavations are dangerous and liable to collapse, particularly in wet weather or waterlogged ground. The Contractor shall take all necessary precautions to ensure that all excavations are properly protected to prevent accidental or unauthorized entry. Excavations deeper than 1.2m deep shall not be entered unless they are shored up with wooden or other temporary bracing.

1. Excavate for all walls, piers and other foundations to the depths, widths and inclinations shown on the drawings or to such other depths as may be direct by the Engineer or his representative and deposit sufficient soil for all refilling of trenches as may be necessary or demanded, removing any surplus.
2. No work shall be backfilled until approval has been obtained from the Engineer or his representative. The earth shall then be brought back from the place where it was temporarily deposited and the trenches or the excavations shall be filled up to the height of the original surface with earth in layers of not more than 25 cms, in thickness. Each layer shall be well watered and rammed and consolidated as may be required, all to the directions and satisfaction of the Engineer or his representative.
3. Provide all materials and labor for making good all settlement and keeping in repair the surface of any road, footway or areas upon the site during the whole period of the Works are in his hand, and for a period six months after the completion of such works, and in case he neglects or refuses to make good and settlements in any trench, or other area whether public or private, Site Engineer may have such works or necessary repairs carried out by other persons and the expenses thereof shall be paid by the Contractor, or deducted from any money that may be due to him or shall be paid by the sureties.
4. Remove all building debris and clear the whole of the site on completion, to the satisfaction of the Engineer or his representative.
5. No sand or any other materials found or excavated on the site may be used in the work unless written permission has been obtained from the GEEL Infrastructure Engineer if it is agreed to make use of any such materials for back filling around foundation, the material must be clear of rock and rubbish. The total price to be paid shall be agreed upon and the value deducted from sums due to the Contractor.
6. A. The filling under floors, where shown in the drawings shall be clean desert or drift sand, deposited in layer not exceeding 15 cms. In depth, each layer being well rammed and watered.  
   B. Hard Core Filling: Hard core is to be formed or clean, hard broken stone that will pass in all directions through a 100-mm. dia. ring. Only sufficient stand is to be mixed with the hard core as will completely fill the interstices and aid in the work of consolidation. Hard core is to be well packed, rammed and, where possible rolled with a heavy roller.

### 4.2.2 Backfilling

Backfilling shall be made in max 20 cm layers by using proper compactor. The soil shall be watered to provide moisture to get higher compaction rate. Desirable compaction is 95%.

The backfill material should be well graded with fine and aggregate. The max size of the aggregate /stone should be less than 50 mm.

The Site Supervisor Engineer shall check and approve the compaction before the commencement of the works.

### 4.2.3 Sand

Sand shall be clean and free from contaminants such as oil, silt, soil, wood, metal or vegetable matter (preferable clean river sand). Very fine or smooth sand shall not be used. The GEEL Infrastructure Engineer and the Site Engineer shall check and approve the quality before the commencement of the works. Coarse Sand (used for concrete) shall have a maximum size of 5mm. Medium Sand (used for masonry mortar and plaster) shall have a maximum size of 2mm.

Shall be natural sand or crushed gravel or stone clean sharp, coarse grift, pit or river sand free from silt, dust, clay, salt or any other matter, shall pass a 3/16'' (4.7 mm) squire mesh and shall be the best reasonably obtainable for the work. All sand shall be washed and sieved as often as is required to make it conform to this specification

### 4.2.4 Aggregate

Shall be natural gravel, stone or other approved materials hard strong and durable, non-porous free from adherent coating or other harmful matter and shall pass or be crushed to pass the meshes specified in the concrete mixes and be well graded by sieving and combination where necessary.

Aggregate used for concrete shall be angular crushed rock varying in size from 5mm to 20mm for Grade 1 Concrete and 5mm to 60mm for Grade 2 Concrete. It shall be clean and free from contaminants such as oil, silt, soil, wood, metal or vegetable matter.

### 4.2.5 Cement Mortar

Cement shall be delivered in sealed bags to the site. It shall be kept clean and dry until usage. Partially used bags of cement shall be stored in a dry place until required. Any partially used bags that have become damp shall be rejected.

Cement mortar for blockwork, masonry, rendering, tiling, screening, pitching and jointing shall consist of Ordinary Portland Cement and natural sand mixed by hand or an approved mechanical mixer in the proportions by volume of one-part cement to four parts sand. The cement and sand shall first be mixed dry until the cement color can no longer be distinguished from the sand in any part of the mass and the whole shall then be uniformly wetted by approved means while undergoing further mixing. The water

content shall just be sufficient to ensure a dense mortar of still consistency and adequate workability to permit troweling or floating into place. Mortar shall be prepared and used in such quantities that no more than 20 minutes shall elapse between first wetting and its completed use. Under no circumstance shall any mortar that has stiffened by commencing to set be used. Fresh mortar shall not be mixed with mortar prepared earlier and all batches shall be used entirely separately.

Sand for cement mortar to be used for external renderings and internal plastering with lime and Portland cement shall comply with BS 119. Sand for cement mortar for all other purposes (plain and reinforced brickwork, block-walling, masonry etc.) shall comply with BS 1200. It should be well graded siliceous sand of good, sharp, hard quality. It shall be free from lumps of stone, earth, loam, dust, slat, organic matter and any other deleterious substance.

### 4.2.6 Water

Water used for mixing concrete, mortar, plaster and other construction materials shall be potable, clean and free from organic material, humus, acid, chemicals, salts or other matter that may be harmful to the concrete. If none is available on site, the contractor shall transport suitable water to site.

### 4.2.7 Concrete Mixes

The below classes of concrete shall be used unless otherwise indicated on the drawings.

Class 20 Concrete shall always be used for the structural concrete.

Class 15 shall be used for blinding works.

Concrete shall be mixed in the following proportions by volume:

Class 30(structural) Concrete: 1: 1: 2 cement: coarse sand: aggregate

Class 25(structural) Concrete: 1: 1,5: 3 cement: coarse sand: aggregate

Class 20 (structural) Concrete: 1: 2: 4 cement: coarse sand: aggregate

Class 15 (Mass) Concrete: 1: 3: 6 cement: coarse sand: aggregate

Class 10 (Mass) Concrete: 1: 4: 8 cement: coarse sand: aggregate

The water cement ratio shall be approximately 0.55 by weight, thus a mix containing 50 kg of cement will require 27.5 L of water. Too much water improves the workability but reduces the strength. Concrete that has too much water added shall be rejected.

a. Mix ''A'' Concrete: -

For unreinforced concrete:

1 Part Portland cement (but not less than 225 kg. per M3 concrete)

3 Parts sand.

6 Parts coarse aggregate to pass 1 1/2 square mesh (40 mms)

b. Mix ''B'' Concrete: -

For unreinforced or mass concrete:

1 Part Portland cement (but not less than 330 kgs, M3 concrete)

2 Parts sand

4 Parts coarse aggregate to pase 1 1/2'' square mesh (40 mms)

well graded.

c. Mix ''C'' Concrete: -

For all reinforced concrete as mix ''B'' but the coarse aggregate broken to pass 3/4'' mesh (20 mms) well graded.

d. Mix ''D'' Concrete: -

For granolithic concrete

1 Part Portland Cement (but not less than 550 kgs/M3 concrete).

### 4.2.8 Mixing Concrete

Concrete mixed on site shall be machine mixed on a clean dry platform of level boards. Concrete shall not be mixed on the bare ground. Mixing by hand shall be carried out in the following way: First the cement and sand shall be thoroughly mixed. Second, this mixture shall be thoroughly mixed with the aggregate that has been slightly wetted. When the mixture is completely mixed and uniform in color, the correct quantity of water shall be added, and the concrete thoroughly mixed. Hand mixed concrete is not to be used for the structural works.

If ready mixed concrete is delivered to site, the contractor shall produce certificates from the mixing plant describing the details of the mix. Ready mixed concrete suppliers shall be approved in advance. Any ready mixed concrete delivered to site shall be rejected if the supplier had not been previously approved by the GEEL Site Engineer.

### 4.2.9 Placing Concrete

Once mixed, concrete shall be used immediately. Any concrete that has been allowed to achieve its initial setting shall not be placed. Concrete shall be placed in layers with a maximum thickness of 250mm and a maximum length of 1M. Each layer shall be thoroughly compacted with a wooden rammer. When placing on old or set concrete, the surface of the old concrete shall be thoroughly cleaned and wetted with water/cement paste prior to the placing of new concrete. If the surface is smooth it must be chipped to form a good bonding key.

If concrete has been in position 30 minutes. The Engineer may require that no more concrete may be placed in contact there with until 24 hours have elapsed. Should the concrete have been laid 24 hours, the set surface shall be scrubbed with a hard steel wire brush dusted and saturated with water and the concrete shall be well rammed in contact when the concrete has been laid more than seventy two hours in addition to the above, the surface shall be chipped. In both cases, thick slurry of neat cement must be applied first before the new concrete is to be poured allowed to pour concrete.

### 4.2.10 Concrete Finishing

Concrete shall be finished to a smooth uniform surface and finished using a metal or wooden float. The surface texture shall be flat and smooth with no irregularities or air bubbles. When formwork is removed, the face of the concrete shall be flat and smooth. If there are signs of voids, air bubbles or inadequate compaction, the concrete shall be removed, disposed of and re-laid with a fresh mix.

### 4.2.11 Plaster and Wall Work

Plaster for internal walls and external rendering shall be mixed in the proportion 1 cement: 4 medium clean sand by volume. Sufficient water shall be added to achieve the desired workability.

The walls shall be wetted before applying the plaster. The plaster shall be 20mm to 25mm thick, and shall have a uniform flat finish free of irregularities and blemishes. When the internal plaster is still damp, the wall shall be sprinkled liberally with semi dry cement powder and floated to a smooth finish with a wet steel float.

At corners and between walls and ceilings, the finish shall be clean and precise in a straight line. Untidy or poorly finished plaster shall be rejected. All floor screeds to be done in same level. Roughening and cleaning the concrete slab before putting the floor screed. Cement and water paste shall be applied before the screed to ensure good bonding with the floor slab. Proper curing to be done.

### 4.2.12 Formwork

Formwork shall be adequately braced and supported to withstand the pressure of the wet concrete before it sets. The faces of the formwork shall be smooth and clean, so that the faces of the fresh concrete are not marked. The joints should be very tight to avoid honey combing. Mould oil may be used to prevent the concrete sticking to the formwork. Side formworks should be struck 3 days after concreting, and underside formworks should be removed after 28days.

### 4.2.13 Reinforcement

Shall be designed and placed as shown on the drawing and bending schedule and in accordance with the following:

(A) (i) Rod reinforcement shall be of mild steel conforming to B.S 785. Mesh reinforcement shall comply with B.S.4483. Materials, which at any time show signs of brittleness or cracking shall be rejected and removed from the site.

The Contractor shall allow for taking three samples of every thickness of the reinforcement rods, at any stage of work and depositing them with the Engineer.

(ii) High Tensile (H.T.) steel reinforcement shall be either cold worked steel bars of circular or octagonal section complying with B.S. 1144 or hot rolled high tensile bars having a guaranteed minimum yield stress of 60.000 Ibs. Per sq. inch and other physical properties in accordance with B.S. 1144 the overall size of any bar shall not exceed its nominal size by more than 10 percent. All reinforcements shall be in the ‘'diameter'' range and the substitution of `Square twisted` range shall not be allowed.

(iii( Test: if required by the Engineer, the Contractor shall submit that his own expense certified test data of the following characteristics:

a- Ultimate tensile stress

b- Yield point stress

c- Elongation

d- Cold bend test

Should such certificates not be submitted by the manufactures, the Contractor shall also have the requisite tests made at his own expense at approved testing laboratories.

(b) All reinforcements shall be stored in such a manner as to prevent deterioration. Before being placed in position and before the concrete is poured, it shall be clean and free from loose rust, scale, oil, grease, paint or other matters liable to weaken the bond of the concrete to the steel.

(c) Reinforcement shall be cut and bend cold. Hooks cranks overlaps etc, shall be as shown on the bending schedule or details. Hooks shall have an inner diameter of four times the rod diameter and the straight return beyond the bend shall be at least four times the rod diameter. All edges of rods in tension shall be hooked, and connected longitudinally shall have an overlap of at least 40 diameters in beams and slabs.

(d) Welding will not be permitted unless special approval is obtained.

(e) Reinforcement shall be accurately placed and maintained in position with precast concrete blocks while the concrete is poured and rammed.

Unless otherwise shown on the drawings, cover to main reinforcement shall be 2.5 cms, in beams and 2 cms, in slabs precast packing blocks should be used for correct cover of reinforcement casted at least 10 days before use with cement and sand mortar mix (1:4).

(f) Rods, stirrups, etc, in contact shall be tightly wired with malleable soft iron wire not less than 16 S.W.C.

(g) Mesh reinforcement shall be laid with the long way of the mesh spanning from support and shall have laps equal to 40x the diameter of the bars, and where these are two layers of fabric the laps shall be staggered in both direction all laps shall be securely wired as above to prevent movement.

(h) Gang-boards and supports shall be laid over the reinforcement to prevent damage and heading down after it has been placed in position. Special attention should be given to cantilevers.

(i) The Contractor shall notify the Site Engineer when concreting is about to commence to each section of the work and no concrete shall be poured until the Site Engineer or his representative has a proved the reinforcement and formwork.

### 4.2.14 Painting

Colors of Paints: The priming, undercoats and finishing coats shall each be of different tints, the printing and undercoats shall be the correct brands and tints to suit the respective finishing coats, in accordance with the manufacturer’s instructions. All finishing coats shall be of the colors and types specified by GEEL.

Preparation prior to painting: The Contractor shall include for the preparation of surfaces, rubbing-down between each coat, stopping, knotting and all other works necessary to obtain a first-class finish. The floors and other fittings shall be covered up with dust sheets when carrying out the painting works. Paint splashes, spots and stains shall be removed from floors, wood work etc. and the same left clean and perfect upon completion of the painting works.

### 4.2.15 Flooring Work

All the ceramic tiles used should be in the first class and of approved quality and brand (40x40cm for floor, 30x20cm for walls and 40x10cm for skirting) the cement mortar of 1:6 to be used and white cement for filling. The contractor shall provide samples for the approval of GEEL Supervisor engineer.

**Plumbing works**

The contractor have to supply all the plumbing materials as specified in the BoQs and GEEL Supervisor engineer shall check and inspect the materials for usage. PVR pipes different sizes used for water connections, PVC 4” & 2” used for drainage. All sinks, seats and kitchen sink supplied of a good brand

Plumber and Drain Layer

Diameters:

The Diameter of all pipes is the internal bores.

Joints:

The threaded ends of the pipes shall be painted with white lead linseed or before jointing joints shall be made by winding a few threads of gasket; yarn around the threaded ends and screwing into the coupling to one half the coupling depth. Before and after jointing the interior shall be free of all burrs and obstructions.

Fittings:

Shall be malleable iron for use with the piping used. All pipes inside the building are to be bedded in channels inside the walls below plaster or glazed tiles levels unless otherwise ordered by the Engineer and shall be of approved quality and jointed as described. No knuckles bends will be permitted.

Fixing Pipes:

Piping shall be fixed to walls with spring pipe hooks or clips of size suitable for the various pipes diameters and not exceeding 125 cms between hooks or other supports. Supply pipe shall be laid and fixed to allow air escape naturally at big tap.

Rates:

The Contractor shall allow for all connection and bends being made by the plumber in the length of the pipe jointing and fixing elbows bends and other readymade fittings and shall include cutting, threading and making joints and connections.

Sanitary Fittings:

Shall be as shown in the drawing and of a manufacture approved by the Site Engineer. The manufacturer`s reference number and the type of fittings which is proposed to be installed shall be submitted to the Site Engineer and his approval obtained before ordering.

**Electricity works**

The process included all the fittings and the network (cables) completed according to the distribution of the fitting in the drawings. All the electrical connections shall be made with quality certified cables of appropriate thickness and in accordance with the best current industry standards. Cables shall be installed in one continuous length from supply to point of termination. Socket Cables shall be 3X2.5 mm² NYM and Lighting Cables 2x1.5 mm² NYM. Cables: (2000 Watt, 220 Volt). The entire electrical network shall be earthed according to the relevant European standards. Plugs and sockets shall be made from plastics or rubber. The panels shall be fixed on its pedestals with steel bolts. No welding to the panels shall be permitted. The cable connections shall be sized to fit the outlet connection of the circuit breakers and terminals. The cables shall not be connected without using of cable crimp connectors or lugs.

## 4.3 More details

For more details, please refer to the BOQ in Annex 1.

# 5. Evaluation

1. GEEL will award the subcontract to the offeror whose offer represents the best value based on (1) the merits of the offer and (2) the offeror’s capability.
2. GEEL will determine the merits of each offer on the basis of: (a) its acceptability and (b) its price reasonableness.
   1. Acceptability. GEEL will determine the acceptability of each offer on a pass or fail basis. An offer is acceptable when it manifests the Offeror’s assent, without exception, to the terms and conditions of the RFQ, including attachments and amendments (if any). GEEL reserves the right to change the terms and conditions of the scope of work at any time prior to the source selection decision.
   2. Price Reasonableness. GEEL will evaluate the reasonableness of the price of each acceptable offer in relation to the Offeror’s relative capability (see Source Selection Decision paragraph below).

## 5.1 Capability of the Offeror

GEEL will assess (evaluate) the capability of each offeror on the basis of the Technical Proposal, including:

1. Technical aspects of the program. The proposals will be judged based on the technical responses to questions outlined in the RFP, including the plan presented to completing the work in a timely manner.
2. Organizational Past Performance. Past performance is a measure of the degree to which an offeror satisfied its clients in the past and complied with laws and regulations. GEEL may contact some of the offeror’s clients to ask whether or not they believe (1) that the Offeror was capable, efficient, and effective; (2) that the Offeror’s performance conformed to the terms and conditions of its contract; (3) that the Offeror was reasonable and cooperative during the performance; and (4) that the Offeror was committed to client satisfaction. In evaluating past performance, GEEL may contact some of the references provided by the Offeror. GEEL will not evaluate an Offeror’s organizational past performance on the basis of the personal past performance of the Offeror’s key personnel.
3. Organizational Experience. GEEL will evaluate each offeror’s experience on the basis of its breadth, its depth, and its relevance to the work that will be required under the prospective contract. GEEL will not evaluate an offeror’s organizational experience on the basis of the personal experience of the offeror’s key personnel. However, GEEL will consider the extent to which the offeror’s key personnel have worked together in the past.
4. Key Personnel Qualifications/Experience. In evaluating the technical and managerial experience and skills of the proposed personnel, GEEL will consider the breadth of knowledge, education, and experience of the proposed candidate.
5. Compliance with Instructions. In evaluating an offeror’s capability, GEEL will consider how well the offeror complied with the instructions in responding to this RFQ.
6. Health, Safety and Environment compliance
7. Cost Reasonableness. GEEL will consider the total cost of the project compared to the deliverables and scope of activities.

## 5.2 Relative Importance of the Evaluation Factors – Best Value Source Selection

The selection will consist of a best value source selection process based on each offeror’s capabilities in the area of past performance, key personnel qualifications/experience, organizational experience and cost/price. Under a best value source selection, non-price evaluation factors, when combined are significantly more important than price. An offer must be acceptable in order for the offeror to be eligible for award. GEEL will not award a contract on the basis of an unacceptable offer. Thus, acceptability of the offer is the most important evaluation factor. GEEL considers the offeror’s capability to be as important as its price. GEEL will evaluate each offeror on its expertise and knowledge of the services described in the scope of work. GEEL will not select an offeror for award on the basis of superior capability without consideration of the amount of its price. The relative influence that capability and price will have on source selection authority will depend on the marginal differences among the competing offerors.

## 5.3 Source Selection Decision

In order to select the winning offeror, GEEL will rank offerors from best to worst by making paired comparisons, trading off the marginal differences in capability and price. If one offeror has both the better capability and the lower price, then that offeror will be the better value. If one offeror has the better capability and the higher price, then the technical evaluation panel will decide whether the marginal difference in capability is worth the marginal difference in price. If the technical evaluation panel considers the better capability to be worth the higher price, then the more capable, higher-priced offeror will be the better value. If not, then the less capable, lower-priced offeror will be the better value. If more than two proposals are received, the technical evaluation panel will continue to make paired comparisons until s/he decides which offeror represents the best value.

The Evaluation Criteria Weighting is as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Schedule | Category | Max Points | Points awarded | Pass/Fail |
| 1 | Technical | 35 |  |  |
|  | Past performance and Reference List | 10 |  |  |
|  | # of projects completed through the defect and liability period in the last 5 years | 10 |  |  |
|  | Experience with projects of similar value to the solicited project | 10 |  |  |
|  | Number of references provided | 5 |  |  |
| 2 | **Key Personnel** | 30 |  |  |
|  | **Project Manager/Engineer** |  |  |  |
|  | Bachelor Degree in Civil Engineering/Construction | 5 |  |  |
|  | 5 years of experience in construction | 5 |  |  |
|  | **Site Engineer** |  |  |  |
|  | Bachelor Degree in Civil Engineering, Construction, or relevant area | 5 |  |  |
|  | 7 years of experience in construction | 5 |  |  |
|  | **Foreman** |  |  |  |
|  | Bachelor Degree in Construction | 5 |  |  |
|  | 5 years of experience in construction | 5 |  |  |
| 3 | **List of Equipment** | 15 |  |  |
|  | Concrete Mixer | 2 |  |  |
|  | Vibrator | 2 |  |  |
|  | 4x4 Pickup vehicles | 2 |  |  |
|  | Scaffolding | 2 |  |  |
|  | Personal Protective Equipment | 2 |  |  |
|  | Ladder | 2 |  |  |
|  | Wheel borrow | 2 |  |  |
|  | Cutters | 1 |  |  |
| 4 | Methodology | 20 |  |  |
|  | Proposed Work Plan and Schedule of Activities | 5 |  |  |
|  | Gantt Chart | 5 |  |  |
|  | Time taken to commence work | 5 |  |  |
|  | Reporting and Recording systems - including environmental monitoring | 5 |  |  |
|  | TOTAL | 100 |  |  |

Performance Penalty:

Should the offeror not finish the work by 15 days following the end of the contracting period of performance then 0.5 % of the contract amount per day for a maximum of 10 % of the contract amount shall be deducted from the final payment until the work is authorized as completed by GEEL.

## Mandatory Requirements

* Provide valid JSS registration details – certificate/license, as evidence that they are authorized to carry out the said work by JSS Somalia.
* Copy of receipt for purchase of tender document.
* Signed technical submission form and financial proposal.
* Completed, filled and signed BOQ
* Provide a company profile with list of BODs.
* CVs of all key personnel.
* Must have a minimum of 4 years of experience as a construction company, with 3 years’ experience in Somalia.

SECTION I - LIST OF ATTACHMENTS

1. Annex 1. Guiding Bills of Quantities

2. Annex 2. Template for Bid Preparation

3. Annex 3. Site Plan

# Annex 1 – Bill of Quantities

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ITEM NO.** | **DESCRIPTION** | | | | **UNIT** | **QUANTITY** |
| **PROPOSED CONSTRUCTION SANGUNI SESAME STORAGE FACILITY** | | | | | | |
| **SECTION 1: SANGUNI SESAME STORAGE FACILITY** | | | | | | |
|  | **ELEMENT NO. 1** | | |  |  |  |
|  | **SITE PREPARATION** | | |  |  |  |
| A | Site clearance and Mobilization | | | | SM | 414 |
|  | **ELEMENT NO. 2** | | |  |  |  |
|  | **SUBSTRUCTURES (PROVISIONAL)** | | | |  |  |
|  | Excavations including maintaining and supporting sides and keeping free from water, mud and fallen material | | | |  |  |
| A | Excavate trench for foundation not exceeding 1.50 meters deep, starting from stripped levels | | | | CM | 173 |
| B | Ditto for columns | | |  | CM | 49 |
|  | Disposal | |  |  |  |  |
| C | Return, fill and ram selected excavated material around foundations | | | | CM | 174 |
| D | Load, wheel and cart deposit and spread surplus excavated material where directed on site at a distance not exceeding 100 meters | | | | CM | 48 |
|  | material where directed on site at a distance not exceeding | | | |  |  |
|  | Hardcore or other approved filling, as described | | | |  |  |
| E | 300mm thick well compacted hardcore filling blinded with 25 mm thick quarry dust layer to receive surface bed | | | | SM | 322 |
|  | Anti-termite treatment | | |  |  |  |
| F | Gladiator or equal and approved chemical anti-termite treatment, executed by an approved specialist under a ten-year guarantee, to surfaces of hard-core | | | | SM | 399 |
|  | Damp-proof membrane | | |  |  |  |
| G | 1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps **(**measured net – allow for laps) | | | | SM | 399 |
|  | Mesh fabric reinforcement to BS 4483 Square mesh reference A142 | | | |  |  |
|  |  |  |  |  |  |  |
| G.2 | To floor slab (bed), 200mm laps | | | | SM | 399 |
|  | Plain concrete class 15 in: | | | |  |  |
| H | 100mm thick blinding to column bases | | | | SM | 54 |
|  | Reinforced concrete class (20) as described, in:- | | | |  |  |
| I | Concrete to column bases | | | | CM | 7 |
| J | Ground Beam | |  |  | CM | 31 |
| J.1 | Columns | |  |  | CM | 5 |
| J.2 | 100mm thick concrete floor slab | | | | SM | 399 |
|  | Formwork | |  |  |  |  |
| J.3 | To strip column bases | | |  | SM | 43 |
| J.4 | Ground Beam | |  |  | SM | 231 |
| J.5 | Sides of columns | | |  | SM | 46 |
| J.6 | Edges of floor bed, 75-150mm | | | | LM | 89 |
|  | Reinforcement | |  |  |  |  |
| J.7 | Y8 |  |  |  | KG | 5,107 |
| J.8 | Y16 |  |  |  | KG | 5,107 |
|  | **CARRIED TO COLLECTION AT END OF ELEMENT 1** | | | |  |  |
|  | **ELEMENT NO. 3** | | |  |  |  |
|  | **SUPER STRUCTURE WALLING** | | | |  |  |
|  | External and Internal Walls | | | |  |  |
|  | Hollow concrete block walls:bedded, jointed and pointed in cement sand (1:3) mortar: flush vertical and horizontal joints :in | | | |  |  |
| A | Rubble stone for 400mmThick walls | | | | CM | 163 |
| A.1 | Ditto, 200mm thick | | |  | CM | 6 |
| B | Ring Beam | |  |  | CM | 44 |
| C | Columns | |  |  | CM | 22 |
| C.1 | 100mm thick suspended slab to act as roof to toilets | | | | SM | 21 |
|  |  |  |  |  |  |  |
|  | Formwork | |  |  |  |  |
| C.1 | To sides and soffits of Ring beam | | | | SM | 334 |
| C.2 | Sides of columns | | |  | SM | 218 |
| C.3 | Side of suspended slab | | |  | LM | 19 |
|  | Reinforcement | |  |  |  |  |
| C.3 | Y8 |  |  |  | kg | 1,323 |
| C.4 | Y10 |  |  |  | kg | 167 |
| C.5 | Y16 |  |  |  | kg | 4,127 |
|  | **SUB TOTAL FOR SUPER STUCTURE WALLING** | | | |  |  |
|  | **ELEMENT NO. 4** | | |  |  |  |
|  | **FINISHES** | |  |  |  |  |
|  | Interior Wall Finish | | |  |  |  |
|  | Plaster 9mm first coat of Cement/lime/Sand (1:2:9); | | | |  |  |
|  | 3mm second coat of cement/lime/sand (1:1:6): steel trowelled: | | | |  |  |
| A | On Masonary or Concrete : To Walls: Internally | | | | SM | 523 |
| A.1 | 15mm thick cement:sand backing to receive ceramic wall tiles | | | | SM | 41 |
| B | Prepare & Apply three coats of silk Vinyl emulsion paint plastered hollow block concrete to walls internally | | | | SM | 523 |
| B.1 | 300x300x8mm thick wall tiles approved by Architect | | | | SM | 41 |
|  | External Wall Finish | | |  |  |  |
|  | Cement and sand (1:4) render.On Rubble stone wall | | | |  |  |
| C | Steel Trowel: finished : to15mm thick: concrete: Externally | | | | SM | 386 |
| C.1 | Ditto to Beams | |  |  | SM | 70 |
|  | Prepare Surface and apply under coat on two finishing coats | | | |  |  |
|  | First Grade emulsion paint on the rubble stone wall surfaces: to | | | |  |  |
| D | Hallow Concrete Walls : externally | | | | SM | 386 |
| E | Ditto to Beams | |  |  | SM | 70 |
|  | **FLOOR FINISH** | | |  |  |  |
|  | Cement and Sand (1:4) Screed: to floors:in | | | |  |  |
| F | 32mm thick finished to receive ceramic tiles Floor finish | | | | SM | 363 |
| F.1 | 40mm thick floor screed | | |  | SM | 16 |
|  | 600x600x8mm non-slip ceramic floor tiles as approved, jointed & bedded with c/s mortar (1:3) grouting joints in matching cement | | | |  |  |
| G | To Floors | |  |  | SM | 363 |
| H | 100 x 8mm Skirting to match | | | | LM | 84 |
|  | **SUB TOTAL FINISHING** | | | | **US$** |  |
|  | **ELEMENT NO. 4** | | |  |  |  |
|  | **Windows** | |  |  |  |  |
|  | Steel casement windows with burglar proof: | | | |  |  |
| H | Window frame size 2000X500 MM High, as per Archs Schedules | | | | No | 11 |
|  | Prepare surfaces: and apply undercoat and two finishing coats first grade gloss paint on metal surfaces to | | | |  |  |
|  | gloss paint : on metal surfaces: to | | | |  |  |
| I | General Metal Surface ( Both Sides ) | | | | SM | 22 |
| J | Toilet windows frame size 600x600mm High, as per Arch Schedules | | | | No | 4 |
| K | Ditto |  |  |  | SM | 3 |
|  | **Sub Total Windows** | | |  | **US$** |  |
|  | **ELEMENT NO. 5** | | |  |  |  |
|  | **DOORS** | |  |  |  |  |
|  | Standard Steel Dooor | | |  |  |  |
|  | Supply, assemble, refurbish and fix the following purposed-made standard steel doors/gates. Supply delivery and fix ironmongery with matching screws and locking mechanisms. Primed with red oxide and approved appropriate color paint applied. | | | |  |  |
| L | Steel Door 3000x3000mm high | | | | No. | 2 |
|  | Supply and fix 45mm thick solid core flush door to B.S 459: parts faced both sides with 6mm mahogany veneered plywood and lipped on all edges in hardwood planted moulding. Door size 800 mm width x2185mm high including Door frame, Architraves, Quadrants plugged to wall, Rubber door stop plugged to concrete floor, and ironmongery | | | |  |  |
| L1 | Set | 6 |
|  | **SUB TOTAL DOOR** | | |  | **US$** |  |
|  | **ELEMENT NO. 6** | | |  |  |  |
|  | **ROOF CONSTRUCTION AND FINISHING** | | | |  |  |
|  | The following in roof trusses with nailed or bolted connections including hoisting and fixing in position not exceeding 6.0 meters above ground floor level in sawn treated cypress Grade 2 | | | |  |  |
|  | Trusses | |  |  |  |  |
| M | 100x50mm rafters | | |  | LM | 199 |
| M.1 | Ditto, common rafters | | |  | LM | 386 |
| N | 100x50mm strut or tie | | |  | LM | 370 |
| K | 100x50mm tie beam | | |  | LM | 182 |
| K.1 | 100x50mm Hip rafters | | |  | LM | 49 |
| K.2 | 100x50 mm Ridge | | |  | LM | 9 |
| K.3 | 75\*50mm purlins | | |  | LM | 759 |
| O | 100x50mm wall plate fixed with and including 200mm long 12 mm diameter rag bolts cast into beam at 1500 mm centres | | | | LM | 96 |
|  | Roof sheets as IT4 profile gauge 28 pre-painted galvanised | | | |  |  |
|  | Roof sheets as IT4 profile gauge 28 pre-painted galvanised | | | |  |  |
|  | roofing sheets laid with 95 mm side and 200 mm end laps | | | |  |  |
| P | hook bolts, PVC washer and tropicalized slip cup | | | | SM | 450 |
| P.1 | Matching Ridge and Hip Caps | | | | LM | 58 |
|  | U.P.V.C Pipes, gutters and fittings to B.S. 4576 Part 1 | | | |  |  |
|  | (References to Terrain Product Handbook PH. 05) | | | |  |  |
| Q | 150x150mm PVC box gutter: fixed to fascia with and including steel flat brackets at 12 mm (maximum) centres: holes for down pipes as necessary: closed ends | | | | LM | 82 |
| R | 150mm diameter UPVC rain water downpipe: holderbats at 1500 mm (maximum) centres | | | | LM | 84 |
|  | *WROT CYPRESS* | | |  |  |  |
| S | 225 X 25 MM FASCIA | | |  | LM | 98 |
|  | *Prepare surfaces: and apply undercoat and two finishing coats first* | | | |  |  |
|  | *grade gloss/varnish paint;on wooden/metal surfaces; to* | | | |  |  |
| T | Fascia boards: surfaces over 200 but not exceeding 300mm girth | | | | LM | 98 |
|  | **SUB TOTAL ROOF CONSTRUCTION AND FININSHING** | | | | **US$** |  |
|  | **ELEMENT NO. 7** | | |  |  |  |
|  | **ELECTRICAL INSTALLATION AND SERVICES** | | | |  |  |
|  | LIGHTING POINTS | | |  |  |  |
| V | Straight batten holder | | |  | NO | 17 |
|  |  |  |  |  |  |  |
| W | 1000mm floresent tubes | | | | NO | 17 |
|  | Switches and Sockets | | |  |  |  |
| X | 1 Gang 2 way switch | | |  | NO | 2 |
| Y | 1 Gang 1 Way | |  |  | NO | 5 |
| Z | Double power Sockets | | |  | NO | 3 |
| A1 | 2 Way CU | |  |  | NO | 1 |
|  | CORE AMOURED 10 MM 4 | | | |  |  |
| C1 | Lighting set 1.5 mm | | |  | ITEM | 1 |
| D1 | conduit for amoured cabbling with its matching accessories | | | | ITEM | 1 |
| E1 | Provision of Installation | | |  | LSUM | 1 |
| F1 | Provision & Construction of Complete Set accessories Septic tank as per drawing | | | | LSUM | 1 |
|  | **PLUMBING WORKS AND SERVICES** | | | |  |  |
|  | **Supply the following plumbing fittings to approval including cutting, chasing, fittings, connection and making good disturbed areas** | | | |  |  |
| A | Wash hand basin complete with mixer and all accessories as approved | | | | NO | 4 |
| B | Squat type toilet bowl in RC slab as approved | | | | NO | 4 |
| C | Allow sum for Plumbing piping works (pipes. connectors. valves) for connection of pipes from overhead water tank to water closets and connection to septic tank; including chasing. | | | | ITEM | 1 |
|  |  |  |  |  |  |  |
|  | **SUB TOTAL PLUMBING SERVICES** | | | |  |  |

# Annex 2 – Template for Bid Preparation

[Offeror: Letterhead]

[Offeror: Insert date]

Mohamed Abdinoor

Chief of Party

USAID/GEEL Project

Reference: GEEL Request for Quotation - Construction of Sanguni Sesame Storage Facility

Subject: [Offeror: Insert name of your organization]’s Proposal

Dear Mr. Mohamed Abdinoor,

[Offeror: Insert name of your organization] is pleased to submit its proposal in regard to the above referenced request for quotation. For this purpose, we are pleased to provide the information furnished

below:

Name of Offeror’s Representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of Offeror: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Type of Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Telephone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

We confirm that our proposal, including the pricing information will remain valid for 120 calendar days after the proposal deadline.

Sincerely yours,

Signature

[Offeror: Insert name of your organization's representative]

[Offeror: Insert name of your organization]

# Annex 3 – Site Plans

Insert Here