

STATEMENT OF WORK
Prefabricated Gardeners' storage shed
Townhouse Compound
OBO # 136
Khartoum, Sudan

1. Description of Services:

The US Embassy, Khartoum has a requirement to install a new prefabricated gardener's storage shed, next to the electrical room in west side of the townhouses compound in Garden city, Khartoum. The project shall be executed as per drawings, scope of work, specifications and General contract conditions. This project requires an experienced contractor to design and execute the job.

The Contractor shall provide all labor, material, tools, equipment, supervision and other related items required to complete the project as per scope of work, specifications and attached drawings.

Contractors are advised to visit the site, verify the existing site conditions to develop their proposal.

2. Submittals

The contractor shall submit the following

1. Manufacturers' data: Submit complete data on materials including accessories and fittings.
2. Layout Drawings: Submit full set of layouts/ designs of the shed and all its utilities including all required openings, including plans and sections drawn to scale for review.
3. A full set of AS-Built drawings is part of the final submittals of the project.

3. Scope of Work

Site preparation

- The contractor shall be responsible of leveling the site to allow flat leveled surface as the base for the prefabricated storage shed.

Structure

1- The contractor shall be responsible to provide a prefabricated gardener's shed. The size of the shed shall be 4.25 X 3.25 m.

The building shall have the following specs

- The internal clearance in the sheds shall not be less than 2.60 meters.
- The chassis and the columns shall be 2-2.3 mm steel profiles at least
- The walls shall be covered with fiber cement boards 8 mm at least
- Insulation of ceilings, internal and external walls: 80 mm glasswool / Styrofoam.
- Roof: mono pitch roof. The roof shall be made of galvanized sheet / corrugated tiles (marsilya) tiles. The steel frame shall be made of trusses made of high standard steel members.
- Interior Ceiling: Gypsum board 12 mm with insulation

- Floor shall be covered with ceramic tiles. The Tiles shall be "Cleopatra" or "El Gawhara" or equal approved, minimum size of 400 x 400 mm. Mortar used is Portland cement and sand mortar; ratios are 1:3 by volume. White cement is to be used as grout. The tiles shall be submitted to the COR per approval.
- The walls and the ceiling shall be painted. The exterior walls shall be painted by texture grey paint to match the existing buildings texture. The interior walls and ceilings shall be painted with off-white color latex paints. All Paint materials shall be contractor furnished, subject to compliance with requirements to products of "Nile Paints" or equal approved. Apply paint coats (three at least) until paint film is of uniform finish, color, and appearance. The COR shall advise the finish color.

Doors and windows

- The shed shall have one front main PVC door, on the west side; the door shall be 2 X 0.9 meters.
- The Building shall have One window on the west side. Glass windows shall be PVC sliding type windows. Each window shall be 0.9 X 1.5 m.
- **All the door and window accessories and parts shall be of high quality and approved by COR prior installation.**

Electrical

- The contractor shall install the following
 - The buildings shall have two internal double bulbs- two feet lighting fixtures and three electrical outlets (13 Amp.).
 - One exterior double bulb- two external feet lighting fixtures .The external ones shall be of weather-tight type.
- ***All the electrical/ lighting fixtures, switches and wiring and accessories shall be approved by the COR prior installation.***
- ***Grounding wires shall be provided and installed by contractor.***

Conditions of Contract

1. General

This is a firm fixed price turnkey job for the entire work and amount quoted shall include all work described in attached drawing, scope of work and general condition of contract. The lump sum price quoted shall be fixed and nothing extra will be entertained on any account.

Contractor's staff is subject to such restriction for entry and exit as are required by the Embassy's security requirement. Contractor's staff will be subject to security cleared as required by the Embassy.

Contractor shall restore all surfaces disturbed by construction to match with existing finish.

Any deviation from the original contract/scope of work shall be informed to COR before work begins. No additional work or changes will be carried out without a contract modification.

2. Responsibilities of Contractor

Contractor shall be responsible for procuring, supplying, transporting, and providing all labor, materials, tools and plant and equipment etc., required for completion of the work in all respects and as per the scope of the work.

All expenses towards mobilization at site and demobilization including bringing in equipment, workforce and materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in the rates quoted by the contractor against various items of schedule of rates and no separate payment on such expenses shall be entertained.

Contractor shall employ and provide one full time engineer to supervise the project and has experienced of carrying out such type of work.

Contractor shall not proceed with next activity until previous activity will be checked and approved by COR. Contractor shall mentioned all inspection dates in the schedule chart

Contractor should keep the site clean and accessible to Embassy employee all time

3. Specifications

Work under this contract shall be carried out strictly in accordance with specifications attached and will meet US and Local codes.

4. Execution of Work

The Contractors are advised to review the material specifications and scope of work. The Contractor should visit and walk through the site to familiarize themselves with the site conditions to understand the exact quantum of work.

On award of the work, Contractor shall submit all items below via email:

- a. Bar chart within 3 days for approval by the Contracting Officer Representative (COR). All dates and time schedule agreed upon should be strictly adhered to.

Contractor shall notify the COR in advance regarding anticipated problems through the project.

b. Proposed start date

c. Weekly schedule/activity plan for the duration of the project *prior to the start date*.

For dismantling/blocking or making connection to any existing services or any shut-down, contractor shall inform the COR at least three working days in advance and proceed with the work only after the permission from the COR.

The duration of the project shall be 15 working days.

5. Materials

All materials used on this work shall be new and conforming to the contract specifications as per US and local codes.

Materials shall conform to the latest US Standards specifications as amended to date and carry certification mark. Contractor shall submit material samples and catalog for pre-approval.

All materials used on the project shall be approved by the Contracting Officer Representative (COR) before use. Any changes/substitutes on material shall be approved by COR before proceeding.

6. Storage of Materials

All materials shall be stored in a proper manner protected from natural elements so as to avoid contamination and deterioration.

7. Site Clearance and Cleanup

The Contractor shall clear away all debris and excess materials accumulated at the site and dispose of it away from Embassy premises, maintaining a neat site condition.

On completion of project, Contractor shall remove all surplus materials and leave the site in a broom clean condition.

8. Workmanship

Workers working on the site shall be skilled in their job and have related job experience.

9. Working Hours

Working hours shall be 8:30 A.M. to 4:30P.M Sunday to Thursday. No work shall be done on Fridays, Saturdays and holidays without the prior approval of the Contracting Officer.

10. Security Clearance

The Contractor shall inform and provide in writing transportation details (vehicle registration number, drivers name, and date of delivery) to the COR at least 24 hours in advance for material deliveries.

Contractor shall give workers names at least 3 days in advance to get the security clearance. All the workers shall have an official photo ID or photo ID with the company name on it.

11. Safety

Contractor is responsible and shall continue management and implementation of a safety and health program throughout construction.

The Contracting Officer and the Post Occupational Safety and Health Officer [OSHA] reserve the right to suspend work when and where Contractor's safety and health program is considered to be operating in an inadequate or non-complying manner.

Contractor shall provide all Personal Protective Equipment for the workers as per the requirement of the site. Work will be stopped in case the proper protection equipment is not found with the workers and the lapse of time shall be at the Contractor's expense.

Contractor will not leave the work site in an unsafe condition or any other condition that might cause injury to personnel, damage to existing work, plants or equipment.

Contractor will use all safety gadgets e.g. hard hats, cotton gloves and goggles as required on site to avoid the accident.

Any equipment or work considered dangerous shall be immediately discontinued.

11. Warranty

The contractor shall guarantee that all work performed will be free from all defects in workmanship and materials and that all installation will provide the capacities and characteristics specified. The contract further guarantees that if, during a period of three years from the date of the certificate of completion and acceptance of the work, any such defects will be repaired by the contractor at his expenses.

TH- Prefabricated gardener's room

NO.	Item	count	unit	unit cost	total cost
1	prefabricated shed as stated and mentioned in the SOW and specs	1	job		
2	electrical works	1	job		
3	PVC door	1	job		
4	PVC window	1	job		

Total	
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