

TOR for Hafir construction (Capacity: 15,000 m3) in Tunayadbah

Sector: WASH	WASH
Author (name and position)	Abdel Rahman Mohammed Suleiman WASH PM
Base	Gadaref
Date2022
Activity (number and title)	Hafir construction (Capacity: 15,000 m3) in Tunayadbah camp
Area of activity	Tunayadbah Refugees Camp
Starting date of the activity 2022
Maximum activity Duration 2022

BACKGROUND

CARE International – Sudan (CIS) an international NGO working in the areas providing WASH, Livelihoods and Health & Nutrition in Sudan. CIS strongly supports partnership approach in all its current and future work. Its strategic priority includes working with national and local NGOs, CBOs, government line agencies and civil society organization.

CIS has already started implementing WASH services to meet the critical needs for refugees and other vulnerable community (Internal displaced people IDPs and host community) have conflict affected and underserved population in Tunayadbah have sustained access to safe water supply through the provision of sufficient access to adequate water, construction, sanitation facilities and various hygiene services to improve their health and survival. Therefore, as part of this goal, CIS will like to hire this contractor (.....) to household's latrines for CIS in the refugees Camp, as per the following scope of work.

I. Specific roles of Contractor/ Vendor
(.....)

A- Mobilization & Demobilization:

- These items extend to include physical mobilization of the equipment, materials and manpower of the contractor to the site to start the construction works and removal after completion of the work

B- Site Clearance & Preparation:

- The site shall be cleared from trees, bushes, boulders and debris ... etc. as directed by the Engineer

C- Hafir reservoir & Embankment works:

- Excavate of hafir main reservoir to the dimension and depth shown in the drawings or as instructed by the engineer to reach the stated capacity , slop 1:2, a1 = 53.8m (bottom of hafir bed),b1=53 .8(bottom of hafir bed), a = 69.8 (top of hafir), b= 69.8 (top of hafir) , depth of hafir = 4m , the price include spread and compact in layers not exceeding 30cm an embankment from excavated soil for hafir banks and wings to at least 95% MDD(normal proctor) , slop 1:2 , to level determined by drawings and according to engineer instructions
- Supply and lay HDPE Pipes of 4"Dia to connect Hafir with the intake, not less than 10 bars, with complete fittings and as instructed by the Engineer
- Supply and lay UPVC Pipes of 6"Dia from Hafir to underground water, not less than 10 bars, with complete fittings and as instructed by the Engineer
- Supply & fix complete gate valve with flange 4 inch
- Provide and build manhole (2x2m to 3m depth 2.7m underground and 0.3m above ground level) floor made of 15cm thick reinforcement concrete (1: 2: 4) mix, and one and half brick for sides wall, finished with plastering 1:3 mix, cover of manhole shall be from concrete, the price includes of supply Granular Hardcore and placed it in layers to depth 50cm under manhole as per Engineer instructions
- Supply & fix complete gate valve with flange 6 inch

D- Fence & Gate:

- Provide and erect fence on the top of the Hafir Embankment, fence poles will be from concrete (concrete 4:2:1) as shown in the drawings
- Provide and erect fence gate made of one leaf of steel angle 3 " , width of 1 m as shown in the drawings.
- Provide and erect fence gate made of two leafs of steel angle 3 " , width of 3m wide as shown in the drawings.

CIS role and responsible

1. CIS has the right to monitor and cross check the quality of the material provided by the vendor with technical support whenever needed.

II. Time frame of the program:

- 30 days.
- Any delays for unreasonable or security reasons should notify CIS in written document.
- Any other delays from the contractor for unreasonable reasons, CIS will deduct a penalty of 1.5% per day from the total value of the contract.

III. Terms of payments

- The approved amount based on the CIS fund procedures is about **(0,000,000) SDG**, and for sure CIS will make the payment to the contractor as per the progress and the below schedule will ease the way of the payment.
- All the payment will be in SDG.


S/N	Payment methodology	Amount/SDG
1	50% of total amount will be paid when reached a 50% of achievement or material to be on site and launch the work.	0,000,000
2	50% of the total amount will be paid at the completion of the work and submission of full completion report at the end.	0,000,000
3	Total	0,000,000

IV. Bank account details for Vendor

1	Bank Name and Branch	
2	Client Name	
3	Account Number	
4	Swift code/Sort	

Signatures

CIS Representative:


Abdelrahman Mohammed

Vendor/ Contractor:

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Date 05./07./2022

Date .../...../ 2022