

| REQUEST FOR OFFER / PROPOSAL | |
|--|--------------------|
| Depending on need - PR Number should be either mentioned here, or linked to the specific Items | |
| RFO No: | Bid No. 2025/016 |
| Page No: | |
| P.R.F NO: | AN/PRF/SOM/2025/43 |

C.A: arche noVa e.V. (country or project)

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VENDOR Name:

Contact pers: _____

Address: _____

Phone: _____

e-mail: _____

| | |
|----------------------|---|
| Minimal requirement | filling and stamping the quotation, submission by deadline |
| Qualitative criteria | Price, Previous similar work experience with similar contract, Delivery days/period of the rehabilitation activity, Warranty and Active bank statement for the last 6 months. |

- The seller agrees to quote for the goods in according with the specifications and quality described below (by arche noVa)
- All taxes as well as the reconstitution of the capital are borne by the supplier. It is the same for any other tax that would apply under this order.

BUYER:

| | | | |
|---------------|-----------------------|--------------------|-----------------------------|
| CLOSING DATE: | REQUESTED FOR (DATE): | PLACE OF DELIVERY: | DELIVERY TERMS (INCOTERMS): |
| 26/03/2025 | 6/03/2025 | | |

VENDOR:

| | | | | | | | |
|----------------------------------|----------------------------------|---|-------------|-----------------------|-----------|----------------------------------|--------------------------|
| PAYMENT TERMS: | | PAYMENT METHODS: | EXPERIENCE: | DELIVERY DAYS/PERIOD: | WARRANTY: | ACTIVE BANK STATEMENT (6months): | QUOTATION DELIVERY DATE: |
| Advance <input type="checkbox"/> | Partial <input type="checkbox"/> | After delivery <input type="checkbox"/> | Dahabshill | | | | |

| No | QTY | UNITS | DESCRIPTION | PROJECT REF. | PO No. | UNIT PRICE | AMOUNT |
|------------------------------|-----|-------|---|--------------|--------|------------|--------|
| 1 | 1 | Pc | Rehabilitation of 1 strategic borehole in Mudug region-Rehabilitation and development of Kobciye (strategic) Borehole Galkayo district with construction of 20M3 concrete elevated water tanks, construction of Two Animal Troughs, Operation room and water source Perimeter fencing | | | | - |
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| General observations: | | | | Currency | Euro | Sub Total | - |
| | | | | | | VAT : | - |
| | | | | | | Total : | - |

- Vendor additional specifications is required or annexed
- Valid Registration License and TCC registered in Galmudug state
 - Active bank statement for the last 6 months,
 - Previous similar Contracts
 - Company profile and other supporting documents

Supplier Reception / Stamp





Rehabilitation and development of Kobciye (strategic) Borehole with construction of 20M3 concrete elevated water tanks, construction of Two Animal Troughs, Operation room and water source Perimeter fencing.

| 20M ³ CONCRETE ELEVATED WATER TANK | | | | | |
|---|---|----------------|----------|------------|--------------|
| NO | ITEM DESCRIPTION | UNIT | QUANTITY | RATE (USD) | AMOUNT (USD) |
| 1.0 | Excavation | | | | |
| | <u>Excavation including maintaining and supporting sides and keeping free from water, mud and fallen materials by bailing, pumping or otherwise</u> | | | | |
| 1.1 | Prepare site by stripping top 150 mm of soil to remove all debris including sand (if any) from site and carting away spoil. | m ² | 25 | | |
| 1.2 | Excavate trench commencing at reduced levels depth not exceeding 1.50m deep. | m ³ | 18 | | |
| 1.3 | Pit excavation commencing at reduced levels depth not exceeding 1.50m deep | m ³ | 7 | | |
| 1.4 | Remove surplus excavated material from site | m ³ | 18 | | |
| 1.5 | Backfill around foundation | m ³ | 6 | | |
| | Filing | | | | |
| 1.6 | 300 mm thick approved hardcore filling spread, well rammed and compacted in 150mm layers | m ³ | 7 | | |
| | Concrete work | | | | |
| | <u>Mass Concrete class 15 (1:3:6) with 20mm thick maximum aggregate size in</u> | | | | |
| 1.7 | 50mm Thick blinding. | m ³ | 1.5 | | |
| | <u>Vibrated Reinforced Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size in</u> | | | | |
| 1.80 | Column Base / Footings (1500mm x 1500mm x 400mm) with Y16 reinforced bars spaced 20cm. | m ³ | 4.5 | | |
| 1.90 | Ground Beam (400mm x 400mm) with Y16 reinforced bars spaced 20cm. | m ³ | 2.5 | | |
| | <u>Vibrated Reinforced Concrete class 25 (1:1.5:3) with 20mm thick maximum aggregate size in</u> | | | | |
| 1.10 | Two tie beams (400mm x 300mm) with Y16 reinforced bars spaced 20cm. | m ³ | 5 | | |
| 1.11 | Columns (7.5m high from column base to the bottom of concrete slab (400mm x 400mm) with Y16 reinforced bars spaced 20cm. | m ³ | 4.8 | | |
| | <u>Vibrated Reinforced Concrete class 30 (1:1:2) with 20mm thick maximum aggregate size in</u> | | | | |
| 1.12 | 150mm thick Walls. | m ³ | 5.25 | | |
| 1.13 | 200mm thick Base slab. | m ³ | 2.4 | | |
| 1.14 | 150mm thick Cover slab. | m ³ | 1.8 | | |
| SUBTOTAL 1 | | | | | \$ - |
| 2.0 | Finishes | | | | |
| | <u>Cement and sand mortar (1:3) rendering in:</u> | | | | |
| 2.1 | 25 mm Thick screed to base slab with waterproof cement | m ² | 12 | | |
| 2.2 | 15mm internal plaster to cover slab with waterproof cement | m ² | 12 | | |

| | | | | | |
|---|---|----------------|-----|--|-------------|
| 2.3 | 15mm plaster to internal sides of wall with waterproof cement | m ² | 35 | | |
| 2.4 | 12mm plaster to external sides of wall | m ² | 35 | | |
| 2.5 | 12mm plaster to cover slab | m ² | 12 | | |
| 2.6 | 12mm plaster to soffits of base slab | m ² | 12 | | |
| 2.7 | 12mm plaster to beams | m ² | 45 | | |
| 2.8 | 12mm plaster to columns | m ² | 48 | | |
| 2.9 | <i>Painting all plastered areas with two coats of premier coat and two coats of offwhite color.</i> | m ² | 211 | | |
| Water Supply System | | | | | |
| <u>Galvanized Mild Steel pipes class "B" medium thickness with and including jointing, fittings and fixings as described</u> | | | | | |
| 2.90 | 50mm diameter inlet high pressure pipe and fittings. | m | 25 | | |
| 2.91 | 50mm UPVC overflow pipe Ditto. | m | 5 | | |
| 2.92 | 75mm diameter scour UPVC Pipe. | m | 5 | | |
| 2.93 | 50mm diameter brass gate valve with wheel and head. | No | 2 | | |
| 2.94 | 50mm diameter stop corks | No | 1 | | |
| 2.95 | 600x600x6mm heavy gauge steel primed metal manhole cover on slab with and including metal framing all around. | No | 1 | | |
| 2.96 | 50mm Diameter bars, 'U' shaped to form steps with ends embedded into retaining wall, average width of 600mm. | No | 20 | | |
| SUBTOTAL 2 | | | | | \$ - |
| <u>COLLECTION</u> | | | | | |
| SUBTOTAL 1 | | | | | \$ - |
| SUBTOTAL 2 | | | | | \$ - |
| TOTAL COST OF 20M³ ELEVATED WATER TANK | | | | | \$ - |

| CONSTRUCTION OF TWO ANIMAL TROUGHS | | | | | |
|---|---|------|------|-----------|-------------|
| No | Item description | Unit | QTY | Unit Rate | Total (USD) |
| 1.0 Animal Troughs | | | | | |
| 1.1 | -Site clearance: leveling and clear unnecessary materials | LMS | 1 | | |
| 1.2 | Excavation of foundation Trough depth 600mm@400mm width plus the excavation of pipe trenches | CUM | 4.8 | | |
| 1.3 | Foundation Blinding: Lay 50mm thick lean concrete 1:4:8 /3bags of cem/0.4cum of river sand /0.8cum of Graded stone 40mm nominal size AS PER SPECS above the excavated footing and foundation trenches, cure the blinding | CUM | 0.5 | | |
| 1.4 | Hardcore: supply and fill 300mm (imported or Excavated selected material over the ground floor compact AS PER Specification before receiving blinding | CUM | 3 | | |
| 1.5 | Backfilling with Good Hardcore and Crashed Stone: supply and fill (imported or Excavated selected material over the ground floor compact AS PER Specification | CUM | 1 | | |
| 1.6 | Trough slab: provide and cast 150MM RCC Wall MIX 1:2:4/6bags of cem/1cum of concrete Reinforced with Y10 linked with Y8mm stirrups @200mm c/c | CUM | 1 | | |
| 1.7 | HOLLOW BLOCKS WALLS: provide and cast 200mm Hollow Blocks Wall with 1:2:4/6bags of cem/1cum of concrete Reinforced with Y12 linked with Y8mm stirrups @200mm c/c | SQM | 13.2 | | |

| | | | | | |
|---|--|-----|------|------|---|
| 1.8 | RCC BEAM: provide and cast 200mm X 200mm RCC with 1:2:4/6bags of cem/1cum of concrete___Reinforced with Y12 linked with Y8mm struapps @200mm c/c | CUM | 0.88 | | |
| 1.9 | Wall Plaster: apply No 2 coats of 20mm thick plastering Mix 1:4 to intenal external walls including seiving sand and even finish as per line in levels , curing as per Field Engineer (2*16*0.8) | SQM | 22 | | |
| 1.10 | white washing & Emulsion paint: apply No2 coats of emulsion paint to all int.and external of the trough (2*22*0.5) | SQM | 22 | | |
| 1.11 | FOOT STEP laying o f 2m slope slab Footstep around the goat trough for the animal to stand on it | CUM | 1.6 | | |
| 1.12 | <i>Supply, laying, test and commission of PIPEWORK AND FITTINGS including All Joint Pipe Fittings all as required in the pipework installation. (elbows, nipples, sockets, gate valves, reducers, Tee PVC pipes, etc.)</i> | LMS | 1 | | |
| TOTAL OF ONE (CAMEL, CATTLE & GOATS/SHEEP) TROUGHS | | | | \$ | - |
| TOTAL OF TWO (CAMEL, CATTLE & GOATS/SHEEP) TROUGHS | | | | 2 \$ | - |

| CONSTRUCTION OF OPERATION ROOM 4m x 4m | | | | | |
|---|---|----------------|-------|------------|--------------|
| ITEM | DESCRIPTION | UNIT | QTY | RATE (USD) | AMOUNT (USD) |
| A | <u>SUBSTRUCTURE</u> | | | | |
| 1) | <i>Excavation and Earthwork (Provisional)</i> | | | | |
| a) | Clear the site of shrubs and all debris; remove from site as directed | m ² | 16.00 | | |
| b) | Excavate loose top soil average 200 deep from ground level and wheel and deposit on site as directed | m ² | 16.00 | | |
| c) | Excavate in soft material for foundation trenches not exceeding 1.0m deep starting from stripped level | m ³ | 6.40 | | |
| 2) | <i>Backfilling</i> | | | | |
| a) | Return, fill in and ram selected excavated material around foundations | m ³ | 6.40 | | |
| 3) | <i>Selected filling</i> | | | | |
| a) | 300mm Thick hardcore fillings compacted in layers not exceeding 150mm deep and well watered | m ³ | 4.80 | | |
| b) | 50mm Thick quarry dust blinding to surfaces of hardcore (Measured Separately) | m ² | 16.00 | | |
| 4) | <i>Damp proof membrane</i> | | | | |
| a) | 1000 gauge polythene or other equal and approved damp proof membrane laid under surface bed with 300mm side and end laps (measured net- allow for laps) | m ² | 16.00 | | |
| 5) | <i>Concrete work in substructure</i> | | | | |
| | <i>In situ concrete class 25, vibrated and reinforced as described, in:-</i> | | | | |
| a) | 100mm thick ground floor slab | m ³ | 1.60 | | |
| 6) | <i>Reinforcement</i> | | | | |
| | <i>Mesh reinforcement ; B.S. 4483 ref A142 weighing 2.22 kgs per square meter including bends, tying wire and spacing blocks</i> | | | | |
| a) | Fabric mesh reinforcement to ground floor | m ² | 16.00 | | |
| 7) | <i>Sawn formwork to:-</i> | | | | |
| a) | Edges of ground slab 75-150mm girth | m | 20.00 | | |
| b) | Ditto: edges of ramp | m | 8.00 | | |
| 8) | <i>Foundation Walling</i> | | | | |
| | <i>Solid concrete block walls made from concrete class 15 (1:3:6); bedded, jointed and pointed in cement sand (1:3) mortar; reinforced with hoop with hoop iron after every alternate course.</i> | | | | |

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| a) | 400mm Thick walling | m ³ | 9.60 | | |
| 9) | Plinths | | | | |
| a) | Three coats of bituminous paint to plinth surfaces. | m ² | 13.50 | | |
| | TOTAL FOR SUBSTRUCTURES AND SITE PREPARATIONS CARRIED TO SUMMARY | | | | |
| | | | | | |
| B | <u>SUPER STRUCTURE</u> | | | | |
| 1) | Reinforced Concrete | | | | |
| | <i>In situ concrete class 25/20, vibrated and reinforced as described, in:-</i> | | | | |
| a) | Lintel Beam | m ³ | 0.64 | | |
| 2) | Reinforcement | | | | |
| | <i>High tensile steel reinforcement to B.S. 4461 in structural concrete work including cutting, bending, hoisting, fixing, tying wire and spacing blocks</i> | | | | |
| a) | 8 mm diameter bars | kg | 39.50 | | |
| b) | 12 mm diameter bars | kg | 88.90 | | |
| 3) | Formwork | | | | |
| | <i>Formwork in sawn finish at any level to:-</i> | | | | |
| a) | Sides and soffits of beams | m ² | 6.40 | | |
| | TOTAL FOR STRUCTURAL FRAME CARRIED TO SUMMARY | | | | |
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| C | <u>WALLING</u> | | | | |
| 1) | Damp proof course | | | | |
| | <i>Three- ply bituminous felt damp proof course bedded in cement and sand (1:4) mortar (measured net allow for 300mm laps):-</i> | | | | |
| a) | 200mm wide | m | 17.00 | | |
| 2) | External Walling | | | | |
| | <i>Solid concrete block walls made from concrete class 15 (1:3:6); bedded, jointed and pointed in cement sand (1:3) mortar; reinforced with hoop with hoop iron after every alternate course.</i> | | | | |
| a) | 200mm Thick walling | m ² | 68.00 | | |
| b) | Ditto Gable walling | m ² | 6.50 | | |
| | <i>Concrete Vent Block</i> | | | | |
| | TOTAL FOR WALLING CARRIED TO SUMMARY | | | | |
| | | | | | |
| D | <u>ROOF AND RAIN WATER DISPOSAL</u> | | | | |
| | Contractor to allow for hoisting and all angle brackets or gusset plates, bolts, cleats, fish tailing lugs, drilling holes and the likes for fixing members to position as per the details; | Note | | | |
| 1) | Roof Construction (All Provisional) | | | | |
| | <i>Sawn cypress; second grade; well seasoned and treated against termites with approved wood preservative ; with and including all jointing and connections (packing piece, bolts etc.) as necessary; in roof</i> | | | | |
| | <u>The following in trusses and/or independent members</u> | | | | |
| a) | 150 x 50mm Rafters | m | 27.00 | | |
| c) | 100 x 50mm king posts | m | 5.00 | | |
| b) | 100 x 50 mm Struts and ties | m | 17.00 | | |
| c) | 75 x 50mm Purlins | m | 63.50 | | |
| d) | 100 x 50mm Wall plate; fixed to concrete or masonry with and including approved bolts at 1000mm centres | m | 20.00 | | |
| 2) | Roof Covering | | | | |
| | <i>Supply and fix the following:</i> | | | | |

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|----------|---|----------------|-------|--|--|
| a) | Supply and fix Gauge 28 roofing sheets fixed to timber or steel purlins (Measured separately)with approved bolts. The rate to include fixing bolts. | m ² | 25.00 | | |
| b) | Ridge and valley cap to match, 600mm girth | m | 6.00 | | |
| | <u>Softwood timber</u> | | | | |
| c) | 200x25mm Thick One-side wrot fascia and barge board | m | 12.00 | | |
| 3) | Rain Water Disposal | | | | |
| | <u>Supply and fix rain water system to manufacturer's instructions.</u> | | | | |
| a) | 150x100 PvC box rain water gutter fixed to fascia with and including steel flat brackets at 1500 mm (maximum) centers; outlets as necessary and closed ends. | LM | 1.00 | | |
| | TOTAL FOR ROOFING CARRIED TO SUMMARY | | | | |
| | | | | | |
| E | <u>DOORS</u> | | | | |
| | Note: All doors to be supplied and fixed as per the details and schedule provided. All iron Mongery that has not been measured separately shall be priced together with the corresponding door. | | | | |
| 1) | Steel Door | | | | |
| | <u>Mild steel plated door made out of cold rolled steel sections thoroughly cleaned and phosphatized to resist corrosion before receiving Two coats of grey rust inhibiting primer</u> | | | | |
| | <u>Door shutter made of pressed metal in four equal panels with 150mm x50mm middle and bottom rails with pressed metal infill louvres and 100 x50mm pressed metal frames.all to manufacture's details. Heavy duty hinges,pad bolts and tower bolts to manufacture's specification and iron frame grouted below finished floor level :</u> | | | | |
| a) | Double door overall size 3000x4000mm high with mild steel vents | Nr | 1.00 | | |
| b) | Iron Mongery | | | | |
| | <u>Supply and fix the following ironmongery with screws to match</u> | | | | |
| i) | Mild steel heavy duty barrel hinges approved from samples | Nr | 5.00 | | |
| | TOTAL FOR DOORS CARRIED TO SUMMARY | | | | |
| | | | | | |
| F | <u>FINISHES</u> | | | | |
| 1) | Floor finishes | | | | |
| | <u>In situ cement and sand (1:3) screed</u> | | | | |
| a) | 25mm thick screed to receive cement water slurry finish | m ² | 16.00 | | |
| 2) | Wall Finishes | | | | |
| | <u>Internal Walls : 12mm thick cement sand plaster, with steel troweled finish, as described to:-</u> | | | | |
| a) | Internal walls surfaces | m ² | 68.00 | | |
| | <u>External Walls: 15mm Cement and sand (1:3) render on block wall or concrete work to:-</u> | | | | |
| b) | Gable walling and all surfaces externally | m ² | 74.50 | | |
| | <u>Prepare and apply two undercoats emulsion paint and two finishing coats of first quality Silk Vinyl emulsion paint as:-</u> | | | | |
| c) | Internal wall surfaces | m ² | 68.00 | | |
| | <u>External Walls: Fill uneven surfaces with stucco filler to approval including sanding of all uneven surfaces; apply two coats of white wash and two finishing coats of premium quality acrylic latex paint which is offering protection against severe tropical weather as:</u> | | | | |
| d) | External walls surfaces | m ² | 74.50 | | |

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| | TOTAL FOR FINISHES CARRIED TO SUMMARY | | | | |
| G | <u>RAMPS</u> | | | | |
| i) | Reinforced concrete with BRC A142 well cast for provision of an access ramp of size 3400 x2000mm wide at the main entrance to the control room(Note: cost to include supply of materials and fixing). | Nr | 1.00 | | |
| | TOTAL FOR RAMP CARRIED TO SUMMARY | | | | |
| H | <u>ELECTRICAL INSTALLATION</u> | | | | |
| 1) | INTERIOR ELECTRICAL SERVICES | | | | |
| a) | Supply, install and connect lighting points comprising 3x1.5 sq.mm PVC single core copper cables, concealed / surface HG PVC conduits, circular looping boxes and all other necessary accessories | Nr | 4.00 | | |
| b) | Supply, install and connect following 10A lighting switches on recessed switchboxes wired in 1.5 sq.mm PVC single core copper cables enclosed in concealed HG PVC conduits complete with all necessary accessories: | | | | |
| | (i) 2 gang 2 way | Nr | 1.00 | | |
| c) | Supply, install and connect - 15 Amp switched socket outlet complete with radial wiring in 3x 2.5 sq.mm single core copper PVC cables enclosed in concealed HG PVC conduit and all accessories necessary for flush mounting | Nr | 4.00 | | |
| d) | Supply, Install and connect the following light fittings complete with lamps, tubes, suspensions and all other necessary accessories | | | | |
| i) | Type F1: 1200mm 1x18W bare batten LED fitting with lamp. The lamp shall have a minimum of 30,000 hours lifetime; and with 50000 times switching cycles. The color temperature shall be 3000 - 7000K and luminous flux of 1500 - 1700 lumens. | Nr | 4.00 | | |
| e) | Provide 4" PVC pipe concreted through slab for underground cable | m | 10.00 | | |
| f) | Supply and install Manhole for inspection of electrical works | Nr | 1.00 | | |
| | TOTAL FOR ELECTRICAL CARRIED TO SUMMARY | | | | |
| | <u>BILL SUMMARY</u> | | | | |
| A | SUBSTRUCTURES | | | | |
| B | STRUCTURAL FRAME | | | | |
| C | WALLING | | | | |
| D | ROOF AND RAIN WATER DISPOSAL | | | | |
| E | DOORS | | | | |
| F | FINISHES | | | | |
| G | RAMPS | | | | |
| H | ELECTRICAL INSTALLATION | | | | |
| | TOTAL FOR NEW OPERATION ROOM UNIT | | | | |

| PERIMETER FENCING OF 20mx20m | | | | | |
|------------------------------|--|----------------|----------|------------|--------------|
| ITEM | ITEM DESCRIPTION | UNIT | QUANTITY | RATE [USD] | AMOUNT [USD] |
| 1 | Excavate 200mm width and 400mm deep holes to receive 35 reinforced concrete posts to be spaced at 3.3m c/c | m ³ | 4.00 | | |

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|-----------------------------------|--|----------------|------|--|-------------|
| 2 | Cast the excavated holes with reinforced concrete 1:2:4 mix with R10 reinforcement to receive 35 reinforced concrete posts. | m ³ | 4.00 | | |
| 3 | Reinforced concrete posts cast minimum 450mm to ground in concrete surround 1:2:4 mix, 2.7m above ground with chamfer bend at top 40cm long with nail size holes done through 7 No. (spaced at 3m c/c) | No. | 31 | | |
| 4 | Ditto but diagonal members to support at the four corners. | No. | 8 | | |
| 5 | Supply and fix G16 Galvanized Razor Wire. including straining to allowable limit and fixing to reinforced concrete posts. | m | 80 | | |
| 6 | Supply and fix 3 mm thick straining wires in 4 strands including straining to allowable limit and fixing to reinforced concrete posts. | m | 320 | | |
| 7 | Allow for supply and fixing of G16 chain link 2.5m high well fixed to reinforced concrete posts to approval. | m | 80 | | |
| 8 | Provide materials and erect a steel gate with pedestrian gate size 3.5mx 3m high, comprising of 75x75x3 mm SHS framing and horizontal intermediate framing,50x50x3 mm SHS in vertical members at 150 mm centres,400mm x400mm reinforced concrete side poles fixed in ground with base reinforced concrete 1:2:4 mix complete with locking mechanism. | No. | 1 | | |
| 9 | Providing & fixing of permanent information sign board after the completion of the project as per the instruction of the Project Engineer. | Lsm | 1 | | |
| TOTAL OF FENCING 20M X 20M | | | | | \$ - |

| | | | | | |
|--|-------------------------------------|--|--|--|-------------|
| BoQs SUMMARY - KOBCHIYE BOREHOLE | | | | | |
| 1 | CONSTRUCTION OF ELEVATED WATER TANK | | | | \$ - |
| 2 | CONSTRUCTION OF TWO ANIMAL TROUGHS | | | | \$ - |
| 3 | CONSTRUCTION OF A OPERATION ROOM | | | | \$ - |
| 4 | PERIMETER FENCING OF (20M*20M) | | | | \$ - |
| TOTAL COST FOR THE REHABILITATION OF THE BOREHOLE | | | | | \$ - |