***Rehabilitation of Gedaref main Slaughterhouse***

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| **Catholic Relief Services****خدمات الاغاثة الكاثوليكية CRS****(CRS Address and Phone number)****طلب عرض أسعار****Request for Quotation****Name of Supplier/company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_إسم العميل:****Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_العنوان:****Contact Person: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_إسم المسئول المباشر:****Phone/ Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: رقم الهاتف والبريد الالكتروني @** **Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_التأريخ**1. **BOQ and Technical structural Specifications (1):** **Rehabilitation of Gedaref main Slaughterhouse include:** *Water system*: connect the slaughterhouse with a sustainable water system and establish a water network inside the slaughterhouse, maintenance of Slab floor, *Drainage system(*Increase the drainage collection tank length by one meter from the ground level and fence it with galvanized chains(Build a steel bar filter alongside the drainage channel and at the entering point of the collection tanks to separate the liquid from the solid waste), *Solid waste*: provide mobile tanks for solid waste collection inside the shelter and take it into the collection areas and establish of burned facility *Latrine:* rehabilitate the existing latrine and connect it to water, *Dressing rail space(*increase space for small animals close to the big shelter, door/gate, wall, and electric city rehabilitation and training, maintenance the roof of the guard and staff rooms.

**المواصفات الفنية الانشائية وجداول الكميات لتاهيل مسلخ القضارف الرئيسي يشمل** **نظام المياه:** تشمل ربط المسلخ بنظام مياه مستدام وإنشاء شبكة مياه داخل المسلخ، صيانة أرضية البلاطة، نظام الصرف الصحي (زيادة طول ارتفاع خزان تجميع الصرف بمقدار متر واحد من مستوى الأرض وتسييجه بالسلاسل المجلفنة (بناء مضافي من الفولاذ غير قابل للصدأ على طول قناة الصرف وعند نقطة دخول صهاريج التجميع لفصل السائل عن النفايات الصلبة)، النفايات الصلبة: توفير مكبات اوساخ متنقلة لجمع النفايات الصلبة داخل المكبات ونقلها إلى مناطق التجميع، وبناء محرقة نفايات من الطوب الحراري، المراحيض: إعادة تأهيل المراحيض الموجودة وربطها بالمياه، مساحة سكة التضميد (زيادة المساحة لمسطبة الحيوانات الصغيرة. الباب/البوابة، الجدار، وإعادة تأهيل شبكة الكهربائية ، وصيانة سقف غرفة الحارس والموظفين**.**  |
| **Item** | **Description** | **Unit** | **Qty** | **Unit Rate**  | **Amount (SDG)** |
| **Clean the slaughterhouse from the Garbage, removal of soil and disposal out of the site and clearance of beds as required.** |
| 1 | Remove the disposal around the derange system (collection tanks, derange channels, latrines, and slaughter slab) all Garbage to be removed from site. as per specifications by engineer. The side should be very clean and washed well. | Job | 1 |  |  |
| 2 | Withdrawing liquid waste from collection tanks, to facilitate the operation of the runoff network system and transporting the liquid waste off-site to the designated waste landfill. Clean the Septic tank well. | Toilet suction cart | 50 |  |  |
|  | **Slaughterhouse Slab floor Rehabilitation**  |
| 3 | Cut and removal of the old tiles from the floor and take it out of the side. | M2 | 45 |  |  |
| 4 | Cut and removal of the old water tanks build from bricks size 4\*4m depth 1m and take garbage out of the side | No | 3 |  |  |
| 5 | Provide material and cast plan concrete (1:3:6) mix, 10cm thick in floor for slaughter slab, with proper packing & ramming each layer of concrete by means of vibrator including curing, dewatering. As per drawings & specifications. | M2 | 108 |  |  |
| 6 | Provide material fix Rough-textured ceramic tiles Rough-textured ceramic tiles or I Box (emirate made) with stabilizer and streaker for slaughter slab floors include (Area of leftover animal stomach), work should be as per standard technical specifications and Principles of the profession. | ML | 1350 |  |  |
| 7 | Provide material and construct step Size 2.5 width 10 m length between slaughter slab and area of leftover animal stomach, use one and half burn brick for walls, paved soil compacted well in layers and cover with plan concreate 1:3:6, use ceramic. the step must be in smooth surface with slope 1:2 the step must be at the level of slaughter slap ceramic.  | ml | 10 |  |  |
|  | **construct steel shelter (15x10m2, height 4.5m) for the (Area of leftover animal stomach).** |  |  |  |  |
| 8 | Supply and construct steel shelter (15x10m2, height 4.5m) the distance between the column is 3m in length and 3,3 in width with a I section steel column 14cm column, 4.5 meter length fixed in 0.5 x0.5x0.8m plain concrete 1:3:6, use purlin from Iron angle 2 inch 5mm for the roofing The distance between the purlins is not less than 80 cm in length and width use corrugated zinc sheets 16ft 35mm and zinc nails for roof cover with appropriate slope, use paved soil for floor compact well in layers 20cm, and plain concreate 1:3:6, 10cm thickness to the level of old truss floor level. as per specifications & drawings and direction from site engineer. | Sum lump | 1 |  |  |
| **Drange system rehabilitation (Build a steel bar filter alongside the drainage channel and at the entering point of the collection tanks to separate the liquid from the solid waste)** |
| 9 | Provide material rehabilitate the old derange channel by remove the old drainage cover made of iron angle 2-inch and replace it with Stainless steel square pipes 3\*6 cm, the channel width 50 cm, the total cover length is 50m, divided into a 3-meter cover and fix it in the wall of the drain, install a U section Stainless steel 50 cm width 20cm high along the course of the derange channel the stainless steel square pipe for the cover must be installed in the form of a grid with distances not exceeding 3 cm in, design logs to the cover. | No | 1 |  |  |
| 10 | Provide material and Excavation of strip foundation 40x60cm and cart away the excavated soil around two collection wells, build the foundation up to ground level with two red bricks use cement mortar 1:6 mix, elevate/Build on the foundation the collection wells protection wall 1m up from ground level with 1.5 burned bricks 1:6 mix. | ML | 40 |  |  |
| 11 | Provide material and rehabilitate/open the feeding pipes from slaughter slab main channel to distribution manhole and from distribution manhole to collection wells and from collection wells to collection drainage (already have cover). Use cement and gravel as necessary strong mix and rates 1:4 also insure that all the system are functioning well. | Job | 1 |  |  |
| 12 | Provide and install the steel filter at the drainage channel entering point 50\*40cm2 made of stainless angle, with suitable holes for the passage of liquid waste only. | No | 3 |  |  |
| **Collection well and tanks fence it with galvanized chains.** |
| 13 | Provision and installation of fencing (40x20 meter (6)length), as per drawing and the specifications: corner & gate posts of a I section steel column 14cm, 3 meter length fixed in 0.5 x0.5x0.8m plain concrete 1:3:6 foundation block, with bracing for corner and gate posts, Fencing posts of steel angle 2" thickness 5mm. 2.4 meter length fixed in 0.4 x0.4x0.5 plain concrete 1:3:6 foundation block, along equaled bays of 2 meter, Galvanized chain link 3mm thickness, 2meter height, 50mm spacing and 3mm thickness, along with 4 lines of steel bar 10mm purlin. Tie well with galvanized binding wire. | ml | 80 |  |  |
| 14 | Provide material and construct concrete platform for water tank in area of 2mx2m, excavation underground is 50cm filled with stone and gravel up to ground level provide and build one and half brick wall 120cm over ground level filled with compacted soil and covered with plain concrete 20cm, the price includes 9 steps as per Engineer instructions. | No | 3 |  |  |
| 16 | Supplying and installation of (tiga) water tank 5,000 liters capacity PVC UV protected & anti microbiological protection plastic shell water tank. | No | 1 |  |  |
| 16 | provide steel mobile container (Wheelbarrows 4 wheel) size 1m length\*75 cm width \* 25 height with small wheels/rollers for solid waste collection inside the shelter and take it into the collection areas. | no | 3 |  |  |
| **Water system: connect the slaughterhouse with a sustainable water system and establish a water network inside the slaughterhouse include the latrines water system** |
| 17 | Supply & install 1" P.V.C water supply, with bobbins, nails etc., include all branches, elbows, bends, tees, plugs, union, clips, water point taps and connect the water tanks to the PVC and the washing basin and slaughter slab and latrines as per Engineer instructions. and drawings. | ml | 120 |  |  |
| 18 | Supply, install and commission of booster Water Pump Diesel , 2 inch Brand new With 20 m hose 2” with foot non return valve H=20 m Q=10 m3 per hour (or equivalent) Suction=8m The price include 12 meter pipe (2 or 1.5 inch) to be fixed and connect from the water tanks 5000l to the pump and from the pump to the elevated tank with all the necessary connection tools and accessories , the pump unit to be fixed to red brick platform 40 cm over GL. | No | 1 |  |  |
| 19 | Provide material and connect the slaughterhouse water supply system to the main pipeline extension from the water sources (Boreholes) the work includes Excavation, provision of all connection tools of main polyethylene 2’’ 1000m length approximately and branches of polyethylene 1 ‘’ 200m length, elbows, bends, tees, plugs, union, clips, etc. to connect the water tank as per technical engineer specification and principles of the engineering profession. Include welding and fixing of the existing elevated tanks. | No | 1 |  |  |
| **increase the space for small animals slab close to the big Truss steel structures.** |
| 20 | Supply and construct steel shelter (30x4.5m height 4.5m) with a I section steel column 14cm column, 4.5 meter length fixed in 0.5 x0.5x0.8m plain concrete 1:3:6 the column smut be parallel to the old truss columns, use purlin from Iron angle 2 inch 5mm connected to the old truss in parallel The distance between the purlins is not less than 80 cm in length and width of the corrugated zinc sheets 16ft 35mm and Zink nails for roof cover with appropriate slope, use paved soil for floor, compact well to the level of truss floor level. as per specifications & drawings.  | No | 1 |  |  |
| **closing the side openings of the slaughterhouse for preventing from birds.** |
|  21 | Providing necessary tools include welding, cutting and connections use iron pipes 4\*8 cm and a (iron mish sheet) (Sixbanda) connected to main columns and walls and closing the side openings of the slaughterhouse to a height up to roofing for preventing from birds. | M2 | 500 |  |  |
| **Latrines Rehabilitation**  |
| 22 | Excavation of strip foundation 40x60cm and cart away the excavated soil.as per drawing. | ml | 6 |  |  |
| 23 | Provide & build two brick wall red bricks on cement mortar 1:6 mix as foundation to the superstructure building as per drawing. | ml | 6 |  |  |
| 24 | Provide & build one red bricks wall on cement mortar 1:6 mix for the superstructure building as per drawing. | M2 | 16 |  |  |
| 25 | Provide and cast reinforcement concrete (1:2:4) mix for tie beam (20x10cm) as per specifications. | ml | 8 |  |  |
| 26 | Provide & apply internal and external plaster of cement mortar 1:6 with clean and fine sand to give a total thickness of 20mm for walls, as per specifications.  | M2 | 21 |  |  |
| 27 | Provide, manufacture, and install in place local zinc roof include all the accessories, purlins of metal box 8x4cm @ 70cm c/c, as per specifications & drawings | M2 | 4 |  |  |
| 28 | Provide, fabricate, and install in place door 70x200cm, made of box metal frame size 6x3cm, as per specifications | No | 2 |  |  |
| 29 | supply, fabricate and install in place high level windows (fanlight) 40X40cm, box metal frame size 6x3cm, as per specifications. | No | 2 |  |  |
| 30 | Provide and install non water flush toilet seat (eastern seat) of good quality approved. | No | 2 |  |  |
| 31 | Provide and fix shower with all connection using PPR pipes | No | 1 |  |  |
| 32 | Maintain of exit doors include fixing, review of coils, locks, and paint. | no | 3 |  |  |
| 33 | Provide & apply internal and external painting, 3 coats of emulsion paint of approved brand and manufacture. | M2 | 1000 |  |  |
| 34 | Provide material and rehabilitate the roof of Guard room and staff shelter maze of zinc sheet use the existing material and add as necessary. | M2 | 32 |  |  |
| 35 | Provide air compressor 200L for Slaughterhouse. | pcs | 1 |  |  |
| 36 | Provide Electricity necessary tools install(fix) Lighting (8 pcs) Fan (6 Orient Quality) in the slaughterhouse review the existing electricity lighting system include providing and fixing of all wires, lamps, socket, keys and all needed electricity tools for lighting and function the slaughterhouse as per technical specification by engineer. Include connection of Boreholes system to the main Town electricity power. | Sum lump | 1 |  |  |
| 37 | Provide drilling construction of new deep-water well(boreholes) with all accessories include (submersible pump purchasing, Caple ect). include water availability assessment (GVS), and water pump final report Test | Sum lump | 1 |  |  |
| **Total for Slaughterhouse** |  |
| **VAT %17** |  |
| **Total cost for Slaughterhouse Rehabilitations**  |  |

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| **Duration of implementation the construction project \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_فترة التنفيذ المشروع****Disclaimer Clause: We declare that we have read all the terms & conditions and the information. provided by our company are correct and incase of any deviation from the quoted price or terms & condition. we will inform CRS accordingly. مناط المسئولية: بهذا نقر باننا قد اطلعنا علي كافة الشروط والمطلوبات وان المعلومات المقدمه من الشركة صحيحة , وفي حالة اي اختلاف عن العرض المقدم من قبلنا , فاننا سوف نقوم باخطار منظمة الاغاثة الكاثوليكية بذلك.** |
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