**Call-off Service to carry out the Civil Jobs at RAF Station & Dukhan Station.**

**General Information:**

Qatar Electricity & Water Company (QEWC) is considered to be a forerunner among private sector companies involved in the field of Power Generation and Water Desalination in the Gulf region.

QEWC currently owns and operates following plants at Ras Abu Fontas & Dukhan Stations:

1. RAF-B & B2 Power and Desalination Plants.
2. RAF-A1 & A2 Desalination Plants
3. Dukhan Desalination Plants.

**Purpose of Contract** :

The purpose of this contract document is to execute all Civil works such as Excavation Works, backfilling, Road cutting, Levelling, Concrete Leveling, Repairing of Foundations etc. at RAF Station & Dukhan by Contractor.

**Detailed Scope of Work**

Work under this contract shall consist primarily of inspections and repairs. Supply of qualified staff , Materials & necessary tools. Contractor responsibility shall be execution of all Civil works such as Excavation Works, backfilling, Road cutting, Levelling, Concrete Leveling, Repairing of Foundations, Painting etc. at RAF Station & Dukhan plants

**Contractor Requirements**

As part of the inspection, the contractor shall be required to make inspection & submit report related to the resources required for Major & minor works and all of which shall be noted on the contractor’s inspection form as agreed in the approved given rates.

The contractor shall furnish all materials, tools, any mobile equipment, scaffolding and any other items to accomplish inspections and repairs.

Contractor should Provide Method of Statement & Risk assessment before starting the Job.

QEWC will provide permits, All inspections will adhere and comply with applicable (OSHA/ASME/ANSI) regulations and check critical electrical, mechanical and structural components for sound safety and operating conditions

The contractor shall provide verification that the personnel proposed are highly experienced, dependable and fully qualified to perform the work under this contract.

The contractor shall provide the company's experience performing inspection, maintenance, and repair of all types of Civil works & references.

**Tour of Duty**

Supplier should attend the works on Call off basis. Contractor should complete the task within the time framed by QEWC.

With all necessary arrangement & reporting to the Site done by the Supplier within 2 hrs during the Emergencies & work round the clock if required.

Upon the Completion of each job , Contractor should provide the Job Completion Certificates showing the actual work carried out, Area in sq mts, Material Used, labor hours, cost of all labor etc., which shall be signed by QEWC Technical team before the process of Invoices .

**Services Technician Qualifications**

The contractor shall furnish qualified Civil construction staff with Supervision who have experience in works at critical areas like Underground piping & Cables

**Reports**

Job Completion Report shall be filled by the Contract & should be approved by QEWC

**Repair services**

The contractor shall perform all minor repairs & major repairs shall be authorized by the concerned QEWC personal prior to commencing work. The contractor shall receive notification by the QEWC when designated area is ready to carry out the work.

**Authorization Inspection**

QEWC reserves the right to inspect all work in progress and to send representatives to witness the contractor in the performance of any tests or performance of the required services also, upon completion.

The cost of any repairs necessitated as a result of damage due to negligence in the performance of the contract shall be borne by the contractor.

**Work Space**

Contractor’s use of QEWC premises is limited to those activities in the designated work place.

Contractor shall at all times maintain the work areas in a safe condition and remove all accumulation of rubbish and surplus materials at the end of each working day. Contractor shall restore work areas to a condition equal to that which existed prior to the start of work, and leave them at completion of the day in a clean and orderly fashion.

Contractor should take care the QEWC equipment’s near the work area. They should properly cover the QEWC Equipment’s near the Work Area. Contractor is responsible if any damages occurs for the QEWC property during the work.

**Summary of Civil Works but not Limited to the below, to be performed in RAF Station under this contract:**

**MASON JOB**

* To carry out the Major, minor masonry repair works for all types of foundations, flooring, walls, ceiling , laying of interlocking tiles, repairing of bathroom floor / wall tiles, finishing works like wall plastering , road concreting & ready-mix concrete pouring. In all location of GT’s, HRB's, Public Toilets, Security Towers, Roads etc.
* Preparation of site mix concrete for minor concreting works like drain channels pavements, surface drains manholes etc.
* To carry out the refractory works inside the Auxiliary Boiler, Heat Chambers, laying refractory bricks etc. Refractory Material will be provided by QEWC

**Pricing:-**

* Pricing is done considering the measurements to be done on area over Block Masonry work Sheets as per UNI Standards.
* Supplier should furnish the Material used, Team Size, Equipment’s utilized etc in the Job Completion Certificate against the each defect, the same should be invoiced with price break-up after the QEWC approval.
* Contractor shall provide the Offer considering below mentioned points

For Repair / Replace of Masonry works:-

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No | Description  | Working Height from Ground Level 2 Mtr . per Sq.mtr | Above the Man Height level from Ground Level. Per sq.mtr |
| 1 | Block Masonry Works  |  |  |

**Excavation / Concreting /Painting & other jobs**

* Involved in carrying out deep excavation works, dismantling of defective concrete foundations, damaged asphalt roads, underground fire, domestic water, service water leak excavation works. Excavation works for underground reservoir interconnection leaks.
* To cut & tie the reinforcement bars as per the site requirement. To assist the masons, carpenter & painters for shifting the materials & working tools to job site.
* To cut & lay the polythene sheets & flexile sheets for foundations. To carry out drilling in RCC foundations for various purposes like providing protection posts, railings, concrete foundations for HYPO dosing lines etc.
* Pouring water for curing & Debris clearing from site. Pouring Thieoflex sealant for expansion joints. Removing of trench covers to facilitate MMD/EMD & IMD Cable Basement works.
* To assist during the pouring of Ready-mix & site mix concrete at site. To carry out backfilling using sand & excavated materials at site.
* Pouring of ready mix concrete where required designee, mixture and ratio as per site condition
* Necessary Barricading should be done around the Excavated area & Warning lamps should be provided during night times

For Excavation / concreating works:-

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No | Manual Excavation depth  | Depth level in Mtr  | Price with using excavation tools per C.Mtr |
| 1 | 00 Mtr to 01 Mtr  |  |  |
| 2 | 01 Mtr to 02 Mtr |  |  |
| 3 | 02 Mtr to 03 Mtr  |  |  |
| 4 | 03 Mtr to 04 Mtr  |  |  |
| 5 | 04 Mtr & above |  |  |

**Painting jobs**

* Area must be clean dust free, water free, oil free
* Once wash with service water to be kept dry
* Primer application, where required

 For Painting works:-

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No | Painting Works  | Man Height level per Sq.Mtr  | Price with using resource tools per Sq.Mtr |
| 1 | 00 Mtr to 05 Mtr  |  |  |
| 2 | 05 Mtr to 10 Mtr |  |  |
| 3 | 10 Mtr to 15 Mtr  |  |  |
| 4 | 15 Mtr to above  |  |  |

Paint material specification

|  |
| --- |
| **ITEM DESCRIPTION** |
| Hempathane Top Coat -55219 - 08E51 / 55210 - 08E51 ( Yellow ) |
| Hempels Silicon Aluminum 56910 - 19000 / Solvalitt Aluminum |
| Paint - Jotun - Hardtop as Aluminum Color code No. 9006 |
| Paint - Jotun Hartop As Misty Grey Code No.7004 |
| Top Coat Silver Grey RAL 7001  |
| Hempathane Top Coat 55210 - RAL1015 (Light Ivory)  |
| Paint - Jotun - Hardtop As Emarald Green Code No.6024 |
| Hempthane Topcoat / 55219-6005 (Moose green) |
| Hempathane Top Coat ( Traffic White ) 55219 - 17760 RAL # 9016 |
| Hempthane Topcoat 55210 - RAL 5015 ( Sky Blue ) |
| Multi-Strength - 45750 - Grey Color - 12340 |
| Paint - Jotun Hartop As Black Code No.9011 |
| Hempadur 15130 - 19990 ( Hempel Black ) |
| Hempathane Top Coat -55210 - 7032 ( Pebble Grey ) |
| Hempathane Top Coat - 55210 - 3000 ( Fire Red ) |
| Hempadure Primer . 15590 - 56880 ( RED)  |
| Blue lilac / 55219-4005 |
| Regoutta Blue / 55219-16E53 |
| Light ivory / 55219-1015 |
| Dark Gerry / 55219-1015 |
| Acrylic Emulsion 58910-08B15 |
| Acrylic Emulsion 58910-10B15 |
| Acrylic Emulsion 58910-00E55 |
| Acrylic Emulsion 58910-06C33 |
| Acrylic Emulsion 58910-00A01 |
| Silk Emulsion / 58330-10B15 |
| Silk Emulsion / 58330-08B15 |
| Silk Emulsion / 58330-06C33 |
| Wall putty / 38820-00E55 |
| Roof Coat Gerry  |
| Roof net  |
| Multi strength / 35539-51320 RED |
| Multi strength / 45755-12340 Gray  |