

**ANNEXURE-A**

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**SCHEDULE OF REQUIREMENT**

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**Description:**

Supply of all the required material, Fabrication and Fitting services of Steam coils and accessories (already fabricated) Cap: 500 BBIs 04 Nos. rectangular Crude Storage Tanks Size: 40' x 8' x 10' are required. The tanks are available at Chaknaurnag Oil Field Near Distt. Chakwaal. The scope of work is given below.

- 1- Supply of Material and fabrication/ installation of 2" dia. Boiler tube ASTM-192 Wall Thickness 2.95 mm. The layout of the tube bundles is mentioned in the attached drawing.
- 2- Removal of existing FRP coating where removed to weld support of the boiler tube bundle with the bottom of the tanks/walls. Re-coating of FRP after completion of works where removed /damaged during fabrication of 3mm thickness. Holiday test of re-coated FRP to be carried out for verification by the contractor. Holiday test equipment shall be arranged by contractor and witness by OGDCL site incharge. All the required material shall be supplied/installed by the contractor to complete this activity.
- 3- Steam coil shall be terminated at skid edge of the tank as per drawing terminated with 2" dia Class 300# globe valve of European/USA or equivalent along with companion flange, stud nuts and gaskets of the same size and class rating. All the required material shall be supplied by the contractor to complete this activity.
- 4- Hydro-testing: Test pressure: 500 PSI for 24 hrs. OGDCL shall provide water only. All the required equipments like valve, pump and gauges shall be arranged by bidder themselves

Only boarding/Lodging to the approved contractor's manpower shall be provided at Chaknaurnag Oil Field the rest of any services required for the completion of the works shall be arranged by contractor themselves.

**Delivery period** : 25 days after issuance of service order.

**Payment** : 100 % after completion of works, inspection at field.

**Provision of documents:** Following Documents are required along with the bid.

- 1- Supply record of last 03 years for the fabrication/installation of metal works especially tanks, pipe line etc.
- 2- Bidding firm must be registered and have valid NTN Number.
- 3- Bidder to confirm to carry out the inspection of all the material prior to fabrication and installation for approval of OGDCL rep.

**Supply of Material and Fabrication / Fitting of MS Steam coils, 2” dia in 04 Nos  
Rectangular crude oil storage Requirement Detail.**

Sr.#	Description	Qty	Cost FOR Basis (Pak. Rupees)
01	Supply of Material/Fabrication / Fitting services of Steam coils in already fabricated Cap: 500 BBls 04 Nos. rectangular Crude Storage Tanks Size: 40’ x 8’ x 10’ are required. The tanks are available at Chaknaurnag Oil Field Near Distt. Chakwaal. Test pressure=500 psi Operating pressure= 300 psi approx. steam temperature : 421 F FRP coating at tanks.	04 Nos	To be provided by the Bidder.