



OIL & GAS DEVELOPMENT COMPANY LTD.

Mela Oil Field

Phone: 0922-553307, 0922-553451, Fax-0922553308

ANNEXURE-A

Dated: 29-03-2024

SCHEDULE OF REQUIREMENT

TENDER ENQUIRY # TE/MOF/ELECT/10018888/2024

“Supply of Earthing Material and construction of 07 nos. earth pits complete in all respects at Mela-6 Facility”

Sr. No.	Description	Reference No.	Rate	Total Rate (inclusive of all Taxes)	Deviation
1	As per scope of requirement given in Tender Documents	TE/MOF/ELECT/10018888/2024			

S/No	Description	A/U	Qty
1	<p><u>Electrical Earth Pits (Skids):</u></p> <p>a. Preparation of Five Number of Earth Pits out of which one is clean earth pit suitable for grounding of sensitive plant equipment.</p> <p>b. Structure/ Size of each Equipment to be grounded, may vary from 10MM² to 70MM²(Skid Size). Earth Plates and Cables have to be selected/Provided accordingly by the vendor</p> <p>c. The Earth Resistance of Each Earth Pit must be Less Than One OHM</p> <p>d. Each and Every Material/ Accessories for preparation of Earth pits and grounding of the equipment will be provided by the vendor.</p> <p>e. Vendor must have to add proper piping in the earth pits for periodic watering service of the pits to keep them wet and effective for longer period of time.</p>	No.	05
2	<p><u>Electrical Earth Pits (Lightening Arrester):</u></p> <p>a. Preparation of Two Number of Earth Pits suitable to be used with high quality Lightening Arrester (Lightening/ Surge Arrester will be provided by Vendor).</p> <p>b. The rest will be the same as described above in serial No 1.</p>	No.	02
3	<p><u>Earthing Material</u></p> <p>a. Copper Rod, 10ft, 1”</p> <p>b. Lightning Arrestor 05 spikes Complete with base, solid rod 1-2m</p>	No.	21
		No.	02



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c. PVC Cable 70mm ²	meter	100
d. PVC Cable 50mm ²	meter	100
e. PVC Cable 16mm ²	meter	500
f. PVC Cable 10mm ²	meter	500
g. Earthing Chemical(powder)A+quality	Bags	150
h. Charcoal	Kg	100
i. Salt	Kg	100
j. Lugs (10,16,50,70 mm ²)	No.	50each
k. Nut Bolts(different Sizes)	No.	50each
l. PVC Pipe 5"-6"(as desired) at least 10ft long	Length	21

TERMS OF REFERENCE (TORs)

Administrative:

1. The contractor must assure supplied material is made of OEM.
2. Supplier must ensure the handling and transportation of the material, so the material must be received at Chanda/Mela store in ok condition.
3. OGDCL will only provide boarding lodging for personnel at Chanda/ Mela camp carrying out the work activities.
4. Transport from Camp to Mela-6 is contractor responsibility.

Scope of Supply:

5. The contractor will be bound to provide material as per finalized dates (schedule) within 04 weeks of LPO.
6. The material should be complete in all respects in accordance with the requirements and Owner's instructions at site.
7. The quantities contained in the scope of work for each item are estimated and liable to change (increase, decrease or omitted) when the PO is actually issued.



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8. Contractor will provide complete packing list for the supplied material.
9. Contractor to submit all technical specification, datasheets in their technical bid.
10. Contractor will provide the standard guarantee/ warrantee Certificates.
11. Contractor shall quote only those model/brands, whose manufacturer assure in written that supplied material is of pure copper and of full gauge. The cables must be of the high-end product of local manufacturers preferably PAKISTAN CABLES, NEWAGE, FAST CABLES, UNIVERSAL CABLES and PIONEER CABLES.
12. Contractor will provide experienced workforce to carry out installation and commissioning of all 07 earth pits at Mela-6. The work shall be done, complete in all respects in accordance with the requirements and Owner's instructions at site
13. OGDCL will arrange third party inspection, if required and it is not included in contractor scope.
14. Material must be delivered at site i.e. Mela Oil field on Contractor's carriage.
15. In case of faulty unit complete Unit will be replaced rather repair work by Supplier during installation & commissioning.
16. BOQ as per above list is as minimum scope of supply to achieve Earth Resistance of each earth pit as less than one OHM. Bidder may supply additional material as required to achieve less than one OHM resistance. Bidder may visit site for careful estimation.

Inspection and Quality of Work:

17. Supplied material will be inspected at Site i.e. Mela Oil Field Shakardara after delivery.
18. Contractor is liable to ensure quality of material.

Financial:

19. Quotation is required in PKR against scope of requirement.
20. The contractor shall provide quotation, sales tax and commercial invoices mentioning NTN and sales tax registration number on it.
21. Payment will be made as per supplied quantity of material through cross Cheque, after deduction of all applicable taxes after the completion of the scope.



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22. Unit rates quoted by Contractor shall be firm. No extra payments on account of escalation in prices due to any reason shall be admissible.