

OK

REQUEST FOR QUOTATION

HOCL
AMBALAMUGAL
, Kerala
India-682302
Vendor Code: 1003142

Service RFQ NO. : 70000095 / Ele/MRS/SPR/2021/012
Tender Type : Limited Tender Service
Due Date/Time : 18-Jun-2021/14:00 hrs
Opening date/Time : 18-Jun-2021/15:00 hrs
Contact Person : Hareesh Madhav A
Date : 11-6-2021

SERVICES REQUIRED AT:

M/s.HINDUSTAN ORGANIC CHEMICALS LTD

AMBALAMUGAL PO, ERNAKULAM DIST, KERALA, INDIA

Dear Sirs,

Subject: Repair of Phenol transformer 2

Sealed quotations in duplicate are invited by Hindustan Organic Chemicals Ltd.,Ambalamugal for the works as detailed below.A set of tender documents is enclosed for submitting your quotation.

Name of Work:Repair of Phenol transformer 2. A brief description of the scope of work is given separately which is attached herewith.

Last date of receipt of quotations:Tenders will be received at the office of General Manager(P&A), Hindustan Organic Chemicals Ltd.,Ambalamugal on or before 18-Jun-2021/14:00 hrs. Bids received after the due date will not be considered.

Schedule of Rates,Scope of Work,Terms & Conditions and Other Documents are enclosed

Bidders shall go through all documents attached to the quotation and fill in the blank spaces provided for and submit the same duly signed and dated. Quotation should be completed in all respects and in accordance with the various terms and conditions specified in the enquiry documents. Incomplete quotations are liable to be rejected.

Goods and Service Tax (GST) :

Goods and Service Tax (GST) applicable shall be paid extra, to those who have GSTIN registration, unless otherwise specified elsewhere.

Rates :

The Tenderer should quote the rates in English both in figures as well as in words. Offers received without the rates in figures and in words are liable for rejection. In case of discrepancy exists between the rates quoted in figures and words, the rates quoted in words will prevail.

ESI, PF, Labour Law, SHE (Safety, Health & Environment) etc. # Requirements :
Refer Annexure A, B and C attached.

Validity of Offer :

The offer shall be valid for a period of 90 days from the last date of submission of tenders. The successful tenders shall sign the 'Form of Rate List' or execute an agreement in non-judicial stamp paper of appropriate value (to be borne by the contractor) within 21 days from the date of issue of letter of acceptance

Contract Preference :

Contract / Price Preference or any other concessions applicable for MSME / SSI Units / PSUs will be as per latest Government of India Directives. For availing this benefit, the bidder shall make their claim in the Technical Bid itself and enclose necessary documentary evidence to prove their eligibility.

Other Terms & Conditions :

The tenderers have to download the GCC (General Conditions of Contract) from our website www.hoclkochi.com and the same has to be returned along with the technical bid duly signed and stamped in all pages. However those who wish to have a hard copy of the same, can collect from us on request. The request for extension of due date will not be entertained in any case.

In addition to Clause No. 3.7 of our GCC, the tenderers who do not meet the basic requirements (technical / commercial) as per the tender enquiry document and any other important condition having significant bearing on the cost / utility / performance of the required goods, services, etc. will be treated as unresponsive and the tender will be liable to rejection.

In case you are unable to quote, kindly send the quotation with a regret for our records. Non-receipt of a regret will adversely affect your vendor rating.

Your quotation must be strictly in enclosed envelope indicating Collective RFQ Number, RFQ Number, Due Date and Name of Work.

For all future correspondences, please mention the Service RFQ Number , Contractor Name and Vendor Code.

The tender notice may be read in conjunction with the standard General Conditions of Contract (available in www.hoclkochi.com), Special Conditions of Contract, Technical Specification, Drawings and other documents forming part of this enquiry.

Schedule of Rates

Name of vendor:

GSTIN Regn. of vendor:

Item No.	Service No. Description	Unit	RFQ Qty	Unit Rate (INR) Figure / Words	Amount (INR)
1	S3000570 Rewinding and insulation value improvement of 1600KVA, 6.6KV /415V, 140/2134A Dyn11 transformer	Numbers	1.00		

Service Account Code(SAC) for S3000570 :.....

Rate of Tax %:

All fields including Service Account Code and tax rate for all the items to be filled by the vendor/contractor failing which your offer is liable to be rejected.

Total Amount Rs:

In Words Rupees:.....

Date :

Signature and Seal of the Contractor

NOTES

1.SCOPE OF WORK:-

Scope of work:

The Indian transformers make 1600KVA, 6.6KV/415V, 140/2134A Dyn11 Phenol transformer 2 installed at MRS is having a B phase HT winding damage (winding open), And low LT winding insulation value. Rewinding needs to be done with new copper conductor for B phase with proper insulation. High-water content(300ppm) was noted in transformer oil. Vendor shall improve insulation value of core by treating transformer core in oven. All gaskets need to be replaced with new ones and painting of transformer to be done. Damaged copper conductor shall be taken by contractor as buyback.

Detailed scope of work attached

2.SCOPE OF SUPPLY:-

A.) MATERIALS

Contractor's Scope:-

1. Copper windings, insulating materials, all gaskets of required thickness, oil seals, gauge glass other consumables etc. shall be supplied by vendor. All the materials supplied by the vendor shall be of reputed make and brand new. HOCL shall inspect all the materials supplied by party prior to installation.
2. Any faulty bushings or special components apart from gaskets and oil seals if found defective and is essential for the normal working of transformer, shall be supplied and installed by party with prior consent of engineer in charge whose payment will be made extra at actual.

HOCL's Scope:-

Transformer oil will be supplied at HOCL's premises. Shifting in contractor's scope.

B.) TOOLS AND TACKLES

Contractor's Scope:-

1. All tools and PPEs required for the work shall be supplied by vendor
2. Oil filtration unit shall be supplied by vendor.
3. Crane shall be arranged by party.
4. Oven and other accessories needed for the work shall be arranged by party.

HOCL's Scope

1. Three phase power supply if need shall be arranged by HOCL

3.PERIOD OF CONTRACT:-

Period of contract shall be three months from date of issue of work order.

4.TIME OF COMPLETION:-

Work should be started immediately after issue of Letter of intent or work order. Work shall be continuous and finished within forty-five days from the date of commencement of work.

5.DEFECT LIABILITY PERIOD:-

Six months from date of completion of work.

6.PAYMENT TERMS:-

90% payment shall be made after successful completion of work and remaining 10% shall be made once defect liability period is over.

7.SECURITY DEPOSIT:-

Total security deposit shall be 10% of contract value/actual value of work.

8.LIQUIDATED DAMAGES:NIL

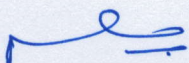
9.OTHER TERMS AND CONDITIONS:-

Annexure E should be filled and submitted with certificates if any, along with schedule of rates.

Thanking You,

Yours Faithfully,

FOR HINDUSTAN ORGANIC CHEMICALS LTD



P. SELVENDRAN
CGM (ELECTRICAL)

Attachments: -

1. Annexure 'A & B' - ESI, PF, Labour Law Requirements.
2. Annexure 'C' - Safety, Health and Environment (SHE) Conditions.
3. Annexure 'D' - Proforma of declaration of black listing / Holiday listing
4. General Conditions of Contract. (can be downloaded from HOCL website)
5. Special Conditions of Contract

-----Tear off portion to be pasted on the Envelope containing Offer-----

Offer for Repair of Phenol transformer 2

**From : HOCL
1003142**

RFQ No. : 70000095

**Due Date :18-Jun-2021
Due Time : 14:00 hrs**

**To,
General Manager(P & A)
Hindustan Organic Chemicals Limited
P.O Ambalamugal, Ernakulam - 682302
Kerala , India**

Detailed Scope of work

- Insulation resistance measurement of LT-E, HT-E, HT-LT before and after work.
- Draining of complete oil from the transformer, disconnection and disassembling of bushings, conservator, pipe lines, cooling fins, terminal box etc.
- Inspection of internal parts of the transformer after opening transformer.
- Removal of damaged winding without damaging other parts.
- Inspect transformer tank conservator tank, pipelines, explosion vent etc. for damage due to rusting, repair for avoiding water ingress/oil leak.
- Rewinding of B phase HT side winding.
- Treatment in oven for improving insulation value and curing.
- Replacing of explosion vent diaphragm, sight glass and all old gaskets and oil seals of bushings, radiators, drain plug, conservator, Buchholz relay, top plate, inspection door, breather & pipe line, terminal boxes, sight glass etc.
- Flushing the winding with new oil (supplied by HOCL) to clean inside.
- Re-assembling of the transformer to its original shape.
- Vacuum oil filling of the transformer with existing oil.
- Hot oil circulation/processing of internal body till satisfactory oil test results are achieved.
- Any oil leak noticed after completion of work shall be rectified by party.
- Workmanship warranty for six months shall be provided. Any abnormalities/oil leak noticed within the six months shall be attended and rectified by party without additional cost.
- Complete painting of transformer to be done. Painting should be one coat of epoxy primer and two coat finish of Epoxy Paint- Battleship Grey.
- Transporting of transformer from HOCL to party's workshop and return to HOCL is under party's scope. Transportation vehicle, loading and unloading using crane shall be arranged by party.
- Installation and connection of transformer to cable/bus bar in contractor's scope.
- Contractor's representative shall be present during the charging and loading of transformer.
- Rates quoted shall be after consideration of buy back rates of damaged copper conductor.
- Any additional work required other than mentioned above for bringing transformer back to service needs to be done by contractor.
- Spray Painting using Epoxy paint system involves following activities

a) Surface preparation of Transformer shall be done as per procedure SSPC-SP2. In addition, transformer outer body shall be cleaned thoroughly for removing the oil presence using detergents or suitable solvents. After removing the oil, high pressure water spray shall be applied on all over the transformer for removing dust, dirt and any oil left behind. Prior to applying primer, make sure transformer body shall be free from dirt, oil, rust flakes etc.

b) Immediately after the surface preparation, one coat of zinc phosphate epoxy primer shall be applied using spray painting for a DFT of 35microns. After the curing period of primer, two coats of epoxy finish paint of dark grey/battle ship grey in suitable interval shall be applied using spray painting. DFT of finish paint shall be 35 microns (2 coat). Overall DFT of painting shall be 105 microns minimum. Acceptable make of paint shall be from Asian Paints (India) Ltd/ Bombay paints/Berger paints/Goodlac nerolac paints/Garware paints/Jenson and Nicolson/Shalimar paints.