DETAILS OF THE EXPRESSION OF INTEREST(EOI)

NO.: PL.G03.EOI.09.001 Date: 29/05/2009

For

Annual Operation and Maintenance Service Contract of HT/LT Panels,Motors,Transformers,UPS,Air Conditiners,Lightings etc. at Numaligargh Despatch Terminal (NDT) of Numaligarh-Siliguri Pipeline .

THE EXPRESSION OF INTEREST(EOI)

Expression of Interest (EOI) is requested by Oil India Limited(OIL) for Annual Operation and Maintenance Service Contract of HT/LT Panels,Motors,Transformers,UPS,Air Conditiners,Lightings etc. at Numaligargh Despatch Terminal (NDT) of Numaligarh-Siliguri Pipeline.

PREAMBLE:

Oil India Limited (OIL), a national oil company in India engaged in exploration, drilling, production & transportation of oil & gas and production of LPG intends to hire the services from a competent service providers(Parties) for operation & maintenance of Electrical installations, equipments etc. for Numaligarh Despatch Terminal(NDT) of newly commissioned product pipeline from Numaligarh Refinery in Assam to Siliguri in West Bengal.

SCOPE OF THE SERVICES:

Under the Annual service contract the party is expected to perform the activities as mentioned below:

A. OPERATION:

1) Deputation of skilled competent & unskilled manpower on round the clock basis during normal operation under control of and as desired by/suitable to OIL for operation of HT/LT Motors, Transformers, Switch Gears,Panels& Accessories, Standby Emergency Generator, Motorised Valves,Packaged& Window Type Airconditioners, UPS,Battery Chargers & Batteries and lightfittings.

B. MAINTENANCE:

1) Preventive/Breakdown Maintenance of all types of Protective Relays (O/C, E/F, U/V, O/V, Timer relay, Auxiliary relay etc) & Energy meters including shifting of the test kits, accessories & making necessary arrangement for testing as per instruction of OIL INDIA LTD.

2) Field testing including shifting of the test kits, accessories & making necessary arrangement for

i) Testing & barricading the testing area for High Voltage test of HT Cables, Busbar & Transformers.
ii) Primary Current Injection Test of CTs.
iii) Insulation Resistance test of HT & LT cables & HT & LT motors, CTs, PTs etc
iv) Transformer test (Ratio, winding resistance, insulation resistance, magnetising current, magnetic balance BDV test etc.)
v) Cable fault locating, Cable Identifier test & other tests

Required at site as per instruction of OIL INDIA LTD.

3) Disassembly and Reassembly of 3-Phase, 433V ac Induction motors up to **75KW** including,

i) Shifting of support facilities
ii) Cleaning of different parts of the motor.
iii) Change of grease.
iv) Varnishing.
v) Checking the tightness of the power and control cables in the Motor terminal box and its control panel.
vi) Bearings / lugs replacement (if required).
vii) Measurement of the IR value of the motors
viii) Improvement of Insulation Resistance value; Putting in the Electrically heated hot air oven, constantly monitoring temperature of the oven, measurement of the insulation resistance value and recording of the same.
ix) Painting of the body of the motor.

Using necessary tools & tackles, cleaning of working area and other related activities and any other job that may be required for the complete preventive maintenance of a motor in all respect including all labour as per instruction of OIL INDIA LTD.

4) Repairing / Preventive Maintenance of 500KVA & 2500KVA ONAN HT transformers including,

i) Cleaning of the transformer body.
ii) Filtration / replacement of oil (if required).
iii) Top-up of oil.
iv) Checking the tightness of power and control cables.
v) Earthing connection check, body bolt tightness check etc.

And complete the job in all respect including all labour and normal tools required to carry out the job as per instruction of OIL INDIA LTD.

5) Preventive Maintenance of sub-station Battery Bank up to 250AH lead acid batteries and chargers including,

i) Cleaning & checking of the battery terminal & battery body charger body and circuitry,
ii) Tightening of connectors and components ,
iii) Measuring of the specific gravity /terminal voltage per cell,
iv) If required boost charging of the cell, etc.

And complete the job in all respect including cleaning of working area & all labour and normal tools required to carry out the job as per instruction of OIL INDIA LTD.

6) Preventive / Breakdown Maintenance of 6.6KV & 11KV Vacuum Ckt Breakers & 433V Air Ckt Breakers & its control & relay panel including,'

i) Cleaning of busbar,
ii) Changing of breaker parts (Trip coil, closing coil, spring etc.)
iii) Tightening of all power and control cables,
iv) Insulation resistance test & contact resistance test of breakers,
v) Timing of breaker operation(C, O, CO) etc.,

Shifting necessary test kits & accessories to the site including all labour & other related activities that may be required for the complete maintenance of breaker as per instruction of OIL INDIA LTD.

7) Changing of HT & LT Power Cables & Control Cables including

i) Cable trance making
ii) Laying, Glanding, Lug fixing & Termination of cables

And complete the job in all respect including cleaning of working area & all labour and normal tools required to carry out the job as per instruction of OIL INDIA LTD.

8)Maintenance of Electrical Lighting System including

i) Changing & fault rectification of HPMV & HPSV light & its accessories, in the Pump, Booster & Scraper House.
ii) Fault rectification of electrical wiring system in the Substation, Control Room, Pump, Booster & Scraper House.
iii) Maintenance of high mast lights and street & security lights.

And complete the job in all respect including cleaning of working area & all labour and normal tools required to carry out the job as per instruction of OIL INDIA LTD.

9) Earth resistance test of earth pits (half yearly) & maintenance of the pits; if required, to achieve lower resistance including supply of salt & charcoal, civil works, writing of measured earth resistances, welding of earthing strips for any discontinuity of the GRID, all labour and normal tools & other related activities that may be required for the complete maintenance of earth pits as per instruction of OIL INDIA LTD.

10) Preventive / Breakdown Maintenance of valve actuators including

i) Replacement of actuators including replacement of power & control cables (if required) including cable glanding, ferruling, lug fixing, termination etc.
ii) Replacement of power & control cards.

And complete the job in all respect including cleaning of working area & all labour and normal tools required to carry out the job as per instruction of OIL INDIA LTD.

11) Preventive &Breakdown Maintenance of Packaged & Window Type Aircondtioners as per normal industry practice.

12) Preventive & Breakdown Maintenance of UPS.

TERMS AND CONDITIONS:

1. The parties are requested to submit the following details with supporting documents.
   a. Name of the firm
   b. Full address with postal code,telephone,fax & email.
   c. Ownweship,contact person(s) with mobile No.s.
   d. PAN,VAT ,CST and other related details.
   e. Bank Details
   f. Details of three past major services in industries.
   g. Annual turnover during last three financial years.

h. Registration details.
i. Income Tax Clearances.
j. Quality control procedure.

2. Details of manpower proposed to be deployed should be furnished with evidences of competency as per petroleum industry norms.
3. The applicable rules/regulations/guidelines of OIL or petroleum industries pertaining to safety,security,health& environment must be followed.
4. Details of testing/measuring instruments, tools etc. to be necessary shall be provided by the parties .
5. The details of preventive maintenance time schedule shall be furnished by the parties.
6. Accommodation & transportation of the personnel deployed will be in the scope of the party.
7. Site& installations visits shall be arranged by the parties with prior intimation to OIL to facilitate mandatory security formalities.
8. OIL will arrange the following facilities during the contract period.
   a. Gate/security passes for the personnel deployed.
   b. Safe place to keep testing instruments & tools etc.
   c. Necessary drawings, manuals etc. on returnable basis.
   d. Necessary shutdowns for maintenances.
   e. Clearances/permits for operation & maintenance.

9. Scope of Supply of spares will be decided by OIL during final tender process. The parties are requested to include their options/suggestions in their expressions.
10. SITE LOCATION:

Name of Location: Numaligarh Despatch Terminal,
Numaligarh-Siliguri Pipeline,
Oil India Limited.
Numaligarh Refinery Compex.

Address : P.O.:Numaligarh Refinery Complex
District: Golaghat.
State: Assam,India.
PIN: 785699
Station In-charge: Mr. P. J. Sharma
Phone: 03776-265590(O), 266506(R)
Email: pulakjsharma@oilindia.in

Nearest Airport : Jorhat, Assam, 63 KM
Nearest Railway station : Farkating,Assam,20KM
Distance from NH 37 : 8 KM
Distance from NH : 0 KM
Distance from Guwahati : About 300 KM, Regular Bus/Taxi services Available.
Distance from District Headquarters: 25 KM, Golaghat, Assam

11. DATE OF SUBMISSION : On or before 29.06.2009(1500 hrs. IST)

For any further clarifications and presentation & submission of EOI, the parties may contact the following office or e-mail addresses.

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