



**KARNATAKA ANTIBIOTICS &
PHARMACEUTICALS LIMITED**

(A Government of India Enterprise)

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|------------------|-------------------------|
| ENQUIRY REF. No. | K-E&P/SR/1665/2024-25 |
| DATE | 29.10.2024 |
| DUE DATE | 05.11.2024 till 1:00 PM |

Dear Sir,

Please submit your lowest and competitive offer in a SEALED ENVELOPE, DULY SUPERSCRIBING OUR ABOVE ENQUIRY REF. NO., DATE and DUE DATE on it. Mentioned other details of F.O.R terms, Taxes, Credit period, Delivery offered, Name of the Make, Detailed Specification etc., for the below Supply or Service

| SI No | Item Code | Item Description | Uom | Qty |
|-------|-----------|---|-----|-----|
| 01 | --- | TESTING & SUBMISSION OF ELECTRICAL LEGAL COMPLIANCE REPORT OF KAPL FACTORY TO ELECTRICAL INSTALLATION, TRANSFORMERS, PROTECTIVE RELAYS, CT, PT DG SETS, LITS & EARTH PITS FROM CLASS-1 LICENSED ELECTRICAL CONTRACTOR AND CALIBRATION OF LT & HT PANEL AND 2x750 KVA, 600 KVA, 500 KVA & 380 KVA DG SETS INSTRUMENTS AS PER TECHNICAL & COMMERCIAL BID ENCLOSED | No. | 01 |

Please ensure that your offer reaches us on or before Due Date by courier OR Speed post or by Hand in sealed cover only to below office address:

M/s. Karnataka Antibiotics and Pharmaceuticals Limited
Plot No.37, Arka The Business Centre,NTTF Main Road, Peenya Industrial Area
2nd Phase, Bengaluru-560058 Ph. No.080-23571590


NOTE:

01. PLEASE VISIT OUR SITE FOR BETTER UNDERSTANDING THE SCOPE OF WORK
02. IF YOU ARE NOT PARTICIPATING IN THE TENDER PLEASE SEND A REGRET LETTER.
03. VENDOR HAS TO QUOTE AS PER OUR TENDER IN YOUR COMPANY LETTER HEAD.
04. QUOTATION MUST BE SUBMITTED IN TWO SEALED COVERS (TECHNICAL & COMMERCIAL BID) SEPARATELY AND TO BE PLACED IN ONE ENVELOPE OR ELSE YOUR PROPOSAL WILL NOT BE CONSIDERED.

IF YOU NEED ANY CLARIFICATION, PLEASE CONTACT US.

Thanking you,

Yours faithfully,
For KARNATAKA ANTIBIOTICS
& PHARMACEUTICALS LIMITED


YUVARAJA. M
DY. MANAGER – PURCHASE DEPT.
MOB: 9945317873

KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED

Plot No: 14, 2nd phase, Peenya Industrial Area, Bangalore - 560058

Sub: Testing & Submission of Electrical Legal Compliance Report of KAPL Factory to E, installation, transformers, Protective relays, CT, PT, DG Sets, Lifts & Earth Pits from Licensed electrical contractor.

COMMERCIAL BID

| Sl. No. | DESCRIPTION | UOM | QTY. | RATE | AMOUNT |
|---------|---|-----|------|------|--------|
| 1 | Testing & servicing of 2000KVA transformer with testing of oil filtration, oil temperature, winding & oil temperature indicators, Buchholz relays alarm & tripping alarm, BDV interfacial tension @27deg. flash point water content DGA, testing of insulation, specific resistance of Tan Delta factor @90deg. (As per observation points from the electrical inspectorate) Note: As per regulation 48 of C.E.A (measures relating to safety & electric supply) Regulations 2023 | No | 1 | | |
| 2 | Testing & servicing of 1250KVA transformer with testing of oil filtration, oil temperature, winding & oil temperature indicators, Buchholz relays alarm & tripping alarm, BDV interfacial tension @27deg. flash point water content DGA, testing of insulation, specific resistance of Tan Delta factor @90deg. (As per observation points from the electrical inspectorate) Note: As per regulation 48 of C.E.A (measures relating to safety & electric supply) Regulations 2023 | No | 1 | | |
| 3 | 2000KVA transformer silica gel should be replaced | No | 1 | | |
| 4 | 1250KVA transformer silica gel should be replaced | No | 2 | | |
| 5 | Both transformers Furan analysis test to be done & provide the certificate. | No | 2 | | |
| 6 | The meggar Tan-Delta & PI value, of transformer insulation along with dielectric absorption test to be done for both transformers & providing certificates. Note: As per regulation 48 of C.E.A (measures relating to safety & electric supply) Regulations 2023 | No | 2 | | |
| 7 | i). Testing of Earth pits including supply & fixing of identification earth pit board for all the earth pits and the value should be entered & the board should be weather proof. ii) Testing of all Earth fault loop impedance of each circuit & all the rusted electrodes, bolts, nuts, leads shall be replaced and required amount of charcol/earthing compound, salt to be charged. Note: As per regulation 43 (xii) of CEA (measures relating to safety & electric supply) Regulations 2023 | Nos | 35 | | |
| 8 | Legal compliance report, preparation & submission to chief electrical inspector & getting acknowledgment charges. | No | 1 | | |
| 9 | Calibration test certificate of all protective relays CT's & PT's & satisfactory calibration test results of the OTI & WTI along with alarm and trip settings shall be furnished for both the transformers. Note: As per regulation 48 of C.E.A (measures relating to safety & electric supply) Regulations 2023 | Nos | 2 | | |
| 10 | LT & HT panels breakers servicing to be done including testing of contact resistance & closing & opening time of breaker contacts shall be carried out & submit the report. Note: As per regulation 48 of C.E.A (measures relating to safety & electric supply) Regulations 2023 | Nos | 15 | | |

Calibration of LT & HT panel and 2 X 750KVA, 600KVA, 500KVA & 380KVA DG sets instruments

| | | | | | |
|----|--|-----|-----|--|--|
| | Log Ammeter | Nos | 35 | | |
| | Analog voltmeter | Nos | 16 | | |
| | Auxiliary relay | Nos | 1 | | |
| | Combined digital (A+V+Hz) | Nos | 4 | | |
| 5 | Combined digital (W+VA+PF) | Nos | 3 | | |
| | Calibration of all protective relays CT's & PT's & test certificate shall be furnished. Note: As per regulation 48 of C.E.A (measures relating to safety & electric supply) Regulations 2023 | Nos | 125 | | |
| 6 | Multidata, KWH meters, Current Transformers & Potential meters (Conzerv Make) | Nos | 36 | | |
| 7 | Differential Relay | Nos | 1 | | |
| 8 | Digital voltmeter | Nos | 1 | | |
| 9 | Digital ammeter | Nos | 1 | | |
| 10 | Digital OCR | Nos | 1 | | |
| 11 | Disc type Energy meter | Nos | 1 | | |
| 12 | Earth Fault Relay (EFR) | Nos | 9 | | |
| 13 | Energy meter | Nos | 5 | | |
| 14 | IDMT Relay | Nos | 1 | | |
| 15 | Master Trip Relays | Nos | 4 | | |
| 16 | MD Controller | Nos | 1 | | |
| 17 | OCR | Nos | 6 | | |
| 18 | Under voltage Relay | Nos | 1 | | |
| 19 | Over voltage Relay | Nos | 1 | | |
| 20 | Power Factor Meter | Nos | 3 | | |
| 21 | Power Factor Controller | Nos | 3 | | |
| 22 | Multidata, KWH meters, Current Transformers & Potential meters (Selec Make) | Nos | 20 | | |
| 23 | Trip circuit supervision relay | Nos | 3 | | |
| 24 | Watt meter | Nos | 7 | | |
| 25 | Transformer oil top up charges | Nos | 2 | | |

Note: Contractor should visit the site before quote

Documents like complaine certificate and any other documents one set which are submitted to electrical inspectorate, same to be provided to KAPL

The submission of Bill will be certified after successful completion of work along with the submission of reports and acceptance of compliance report from electrical inspectorate





The contractor should be Class - I Licensed

The testing & certificates shall be carried out as per Regulation 48 of CEA (Measures relating to safety and electric supply) Regulations 2023.

| | | | |
|--|-------------|--|--|
| | Toal | | |
| | GST @% | | |
| | Grand Total | | |

KAPL E&P Department

Contractor/Bider signature with seal

Prepared by 
 Checked by  20/9/24
 Reviewed by 
 Approved by 

**KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LIMITED,
Plot No: 14, 2nd Phase, Peenya Industrial Area, Peenya Bangalore - 56**

TECHNICAL BID

Date: 30/09/2024

**Sub: Testing & Submission of Electrical Legal Compliance Report of KAPL Factory
Electrical installation, transformers, Protective relays, CT, PT, DG Sets, Lifts &
Earth Pits from Class-I Licensed electrical contractor.**

| Please find the below technical fields and tick yes or no where ever necessary | | YES | NO |
|--|---|-----|----|
| 1 | Please mention the valid Class-I Electrical contractor license number | | |
| 2 | Have you done legal compliance report to electrical inspectorate | | |
| 3 | If yes, please mention for how many companies this type of service provided | | |
| 4 | Mention name of the companies/clients: | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | And also certificates from the companies to be enclosed (This is mandatory) | YES | NO |
| 5 | Please mention the days to submit the electrical compliance certificates to inspectorate office from the date of work order (Preferably within 15days) Submission of compliance should not be outsourced | | |
| 6 | Whether you have transformer oil testing facility | | |
| 7 | If yes, please mention the equipment details | | |
| 8 | Whether you have In-house instrument calibration facility | | |
| 9 | If yes, please mention the instrument details | | |
| 10 | All master instruments should be calibrated and certificates to be provided & also traceability of the instruments. | | |
| 11 | Please mention the turnover of the company/contractor, who is willing take the work and certificate from CA to be enclosed for minimum of 3years. | | |

Note:


- i) All points to be filled and necessary documents submission is mandatory wherever mentioned, other wise offer/quotation will be rejected. No columns should be left as blank.
- ii) The testing & submission of certificates shall be carried out as per Regulation 48 & 43(xii) of CEA (Measures relating to safety and electric supply) Regulations 2023.
- iii) The compliance of electrical works should be carried out as per the submission of legal compliance report from the electrical inspectorate.

KAPL E&P Department

Contractor/Bider signature with seal

Prepared by  

Checked by  

Reviewed by 

Approved by 