

# KARNATAKA POWER CORPORATION LIMITED

(A GOVERNMENT OF KARNATAKA ENTERPRISE)

## RAICHUR THERMAL POWER STATION

CIN: U85110KA1970SGC001919

Tender Notification No: EELT-2/CGL3/U5678/310

DATED: 3.12.2018

Office of the  
Executive Engineer (LT-2)  
RTPS, Shaktinagar - 584-170.

### BRIEF TENDER NOTIFICATION

Sealed tenders are invited from an electrical class-I /class II contractor or an Agency for carrying out the below work with PQR condition as per tender document at EELT-2 division of Raichur Thermal Power Station.

Only those Bidders who satisfy the qualifying requirement indicated below need only to apply. Application without experience Certificate & statutory documents will not be considered.

SI No	NAME OF THE WORK	EMD in Rs.	Period of completion of work
1	Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipment's of Unit-5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months.	11,150/-	3 months from the date of work order.

#### A) Qualifying Requirements:

1. The bidder shall be an electrical class-I /class II contractor and shall furnish a copy of the valid relevant license certificate.
2. Work done certificate for the similar works (like cleaning of Cables or maintenance of LT/HT switchgear etc) carried out in preceding 5 years for a minimum value of Rs. 2.25lakhs issued by an officer of the rank of Chief Engineer or head of the project in any power plant/Major industries/Utilities.
3. Bidder shall have an average Annual turnover of not less than Rs.4.5 Lakhs for any two years in the preceding five years, as a proof the bidder shall furnish Balance sheet and Profit & Loss account duly attested by Chartered Accountant.

#### B) General Terms & Conditions:

1. Those contracting agencies with independent PF Code Nos. only need to apply and have to produce documentary evidence along with requisition for application form. The PF should be remitted in the name of the workers who are deployed for the works.
2. Tender document can be downloaded from KPCL website: [www.karnatakapower.com](http://www.karnatakapower.com) and take print out of whole document.
3. Last date for submission of sealed tender (both commercial & price bid): **15-12-2018 @ 16:00 Hrs**
4. Date of opening of tender (both commercial & price bid) : **15-12-2018 @ 16:30 Hrs** in the presence of available tenderers or their representatives.

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5. Tender documents shall be accompanied by E.M.D in the form of deposit receipt / DD / Pay order drawn in favour of DGM (F)T, RTPS Shakthinagar. Tenders without E.M.D. are liable to be rejected.
6. Tender documents should be filled up in all respects with signatures & seal of the agency.
7. The agencies should quote their rates inclusive of PF, Service tax, all taxes of GOK, GOI. KPCL will recover statutory recoveries of IT, etc., at applicable rates.
8. Telegraphic quotations and postal delays are not entertained.
9. The right to reject any or all tenders in part or full without assigning any reason rests with the undersigned.
10. The successful bidder shall give an undertaking that they shall abide by the provisions of the provident fund act & GST act.
11. All the tools required for the work should be arranged by the Bidder.
12. The contractor should possess labour license and insurance coverage to the workers deployed for the work. He should comply with all contract labour regulations and abolitions and maintain all necessary register and documents as per statutory requirements.
13. Contractor should follow all security rules and regulations inside the plant area enforced by KPCL.
14. The contractor shall be held responsible for any damages to the corporation property by contractor workers and same shall be recovered from the contractor's bills.
15. Further details / information can be had from the undersigned during working hours of the office.
16. The contractors should furnish the copies of IT PAN/GSTN number/ Registration/Independent PF code registration, Works contract tax exemption/Composition certificate if any etc. along with work experience with tender documents.

**Executive Engineer (LT-2)**

Cc to : CE (O&M) T for kind information.  
: SE(system) with a request to publish NIT and tender document in KPCL website.  
: SE(EM-2) - for kind information.  
: DGM [F] RTPS – for kind information with a request to depute their staff at the time of opening of tender.  
: ACCM O/o ED(T) –along with 3 copies of Abstract bid notification for publication in local news paper.  
: Contractors' Association, Shakthinagar

**Bidder signature**

**KARNATAKA POWER CORPORATION LTD**  
(Raichur Thermal Power Station)



**TENDER DOCUMENT**

**Name of the work:** Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipment's of Unit- 5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months.

EXECUTIVE ENGINEER (LT-2)  
KARNATAKA POWER CORPORATION LTD  
RAICHUR THERMAL POWER STATION  
SHAKTINAGAR – 584 170  
KARNATAKA  
M: 9449596532

**Bidder signature**

**KARNATAKA POWER CORPORATION LIMITED**  
**(Raichur Thermal Power Station)**

TENDER NOTIFICATION NO.: EELT-2/CGL3/U5678/ 310

DATED: .12.2018

SUMMARY SHEET

1. Name of the work: Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipment's of Unit- 5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months.
2. Contents of the Specification  
:a) Section I- General terms and Conditions  
b) Section II-Scope of work.  
c) Section III- price Schedule  
d) Section – IV- safety
3. Officer to whom tender shall be addressed  
: Two copies with all enclosures to  
The Executive Engineer (LT)-2  
Karnataka Power Corporation Ltd.,  
Raichur Thermal Power Station  
SHAKTINAGAR - 584 170  
KARNATAKA
4. Superscription required on the tender cover  
: a) Tender Notification No.  
b) Certificate of payment of EMD  
c) Name of work  
d) Tender Valid for 90 days from the date of opening  
e) Corporation payment terms accepted  
f) **Section III- price Schedule – (Cover-2) in a separate sealed Cover**
5. Last date and time of receipt of tender  
: **15-12-2018 @ 16:00 Hrs**
6. Date and time of opening of tender  
: **15-12-2018 @ 16:30 Hrs**
7. Tender document send to  
: Office of the  
Executive Engineer (LT-2)  
Karnataka Power Corporation Ltd.,  
Raichur Thermal Power Station  
SHAKTINAGAR - 584 170
8. Period of contract  
: 3months
9. Compulsory EMD to be paid unless otherwise exempt  
: Rs.11,150/- in the form of DD
10. Compulsory security Deposit  
: 5 % of the Contract value

**Bidder signature**

**ELIGIBILITY CRITERIA (PQR CONDITIONS) :**

The intending bidder shall satisfy the following minimum qualifying requirements and produce documentary evidences as indicated below, the fulfilment of which is a pre-requisite for issue of tender document.

Name of Work: Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipment's of Unit- 5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months.

4. The bidder shall be an electrical class-I /class II contractor and shall furnish a copy of the valid relevant license certificate.
5. Work done certificate for the similar works (like cleaning of Cables or maintenance of LT/HT switchgear etc) carried out in preceding 5 years for a minimum value of Rs. 2.25lakhs issued by an officer of the rank of Chief Engineer or head of the project in any power plant/Major industries/Utilities.
6. Bidder shall have an average Annual turnover of not less than Rs.4.5 Lakhs in any two of preceding five years, as a proof the bidder shall furnish Balance sheet and Profit & Loss account duly attested by Chartered Accountant.
7. The bidder shall also upload the scanned copies of the following statutory documents.
  - (a) Income tax PAN.
  - (b) GST registration certificate
  - (c) Independent PF code registration.
  - (d) Labour licence certificate.
  - (e) Electrical license issued by Electrical inspectorate.

I.

**Bidder signature**

# RAICHUR THERMAL POWER STATION



NAME OF WORK: Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipment's of Unit- 5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months.

(SECTION I)

## GENERAL TERMS & CONDITIONS

FROM:

OFFICE OF THE  
EXECUTIVE ENGINEER (LT-2)  
KARNATAKA POWER CORPORATION LTD.,  
RAICHUR THERMAL POWER STATION  
SHAKTHINAGAR- 584170

**Bidder signature**

KARNATAKA POWER CORPORATION LIMITED  
RAICHUR THERMAL POWER STATION  
SHAKTINAGAR - 584 170

SECTION-I  
GENERAL TERMS AND CONDITIONS

- 1) Tenders from the bidders who do not have an experience in executing similar works shall not be considered. The details of past experience shall be furnished in the schedule enclosed to the tender documents. However, the decision of the undersigned shall be final and binding on all.
- 2) Each tenderer shall give clearly in the tender full postal address, phone & cell numbers and fax number if any for speedy communication during contract.
- 3) If the quantity of the contract is increased or decreased after awarding the contract, the Earnest Money Deposit paid by the bidder shall be proportionately increased or decreased.
- 4) Tenders sent by post shall reach the undersigned before the time and date stipulated in the tender. The Postal delays, if any, shall not be entertained on any account.
- 5) Tenders shall be opened in the office of the Executive Engineer (LT)-2 in the presence of such tenderers or their authorised representatives who choose to be present on the date fixed.
- 6) Tenders shall be submitted in duplicate copies of schedule prices in the prescribed form in a sealed cover addressed to the Executive Engineer (LT-2) super scribing the following on the cover.
  - a) Tender Notification No.
  - b) Name of the work.
  - c) EMD particulars.
- 7) The tenders and all accompanying documents shall be signed by the tenderer or his authorised representative only with firms stamp/seal, where ever signature is asked for.
- 8) EMD:
  - a) Along with the tender, each tender shall be accompanied with EMD amounting to Rs.11,150/- in the form of the TDR/FDR/CDR/Demand Draft drawn in favour of " Deputy General Manager (Finance)-Thermal, Karnataka Power Corporation ltd., Raichur Thermal Power Station, Shaktinagar – 584 170 or in the form of Bank Guarantee issued by any Schedule Bank or Nationalised Bank in the prescribed proforma. Tenders submitted without EMD shall be rejected.
  - b) The bidders who have registered in KPCL should also furnish EMD, without which the offer will not be considered.
- 9) The EMD of the rejected tenderers shall be returned only after finalisation of the tender. The EMD shall carry no interest. The successful tenderer shall attend the office of the Executive Engineer (LT-2) on the date's fixed by intimation for executing the agreement etc. Failure to do this will entail forfeiture of EMD.
- 10) SECURITY DEPOSIT: The successful tenderer shall furnish DD/FDR/BG towards security deposit amounting to 5 % of the contract value at the time of entering into an agreement. The security deposit so collected does not bear any interest. The same shall be valid for the entire contact period.
- 11) Security deposit shall be returned only after satisfactory completion of work and after expiry of the contract period or after one month after final bill, whichever is later.
- 12) The tender submitted shall remain valid for acceptance for a period of Ninety (90) days from the date of opening of tender. If any tenderer withdraws his tender before the said period or makes any modification in terms and conditions of the tender, which are not acceptable to the Corporation, the EMD furnished shall be forfeited to the Corporation.
- 13) The rates offered shall be firm and no variation shall be allowed in cost/labour/materials or any other factors affecting process or services.
- 14) The quantities mentioned in the tender are approximate and are liable to be increased or decreased. Therefore, the rate quoted shall be firm.

**Bidder signature**

- 15) Acceptance of the lowest or any tender is not binding on the Corporation. The Corporation reserves the right to reject any or all tenders without assigning any reason.
- 16) The submission of tender by tenderer implies that he has read the contract schedules, conditions of contract and has understood the scope and specifications of the work to be done and availability of the quantities of the materials and laborers required.
- 17) The successful tenderer must produce income tax clearance certificate before the work is entrusted to him.
- 18) The tenderer shall furnish a certificate of financial ability from a nationalized bank, if required by the corporation, before execution of the agreement.
- 19) INCOME TAX: At applicable rates and surcharges if any deducted from each bill.
- 20) No part of the contract shall be sublet without written permission of Executive Engineer (LT-2), Raichur Thermal Power Station, nor shall any transfer be made by power of attorney.
- 21) Tenderers shall, if required, present satisfactory evidence that they have been regularly engaging in such type of works and they are fully prepared with necessary capital, tools, plants etc., to begin the work properly and also to conduct as per the Karnataka State detailed standard specifications and other conditions specified in the schedule in the event of their tender being considered.
- 22) The tenderer shall make his own arrangements for providing all facilities like boarding, transport etc., for his workers.
- 23) **TERMS OF PAYMENT:** 100% taxes and duties after completion of work.
- 24) The bidder shall remit the installment of PF (Employees and employers contribution) in respect of his work men on his work to the PF authorities through his independent PF code and submit the proof of payment to the Executive Engineer (LT-2).
- 25) The PF installment remitted in respect of works shall be in the names/name of labour's, who are engaged for the said works only.
- 26) No telegraphic offers will be considered.
- 27) **CONTRACT TERMS :**  
**COMMENCEMENT AND COMPLETION OF WORK:**  
The starting time and completion time is the essence of the tender. As the time bound programme is firmly committed, the starting time and completion time should be strictly adhered to. It will not be possible to grant extension in completion time except under extraordinary circumstances, which will be decided by the Chief Engineer (O&M). The contractor shall ensure completion of the job in all respects within the specified time from the date of handing over of the equipment in each unit.
- 28) The contractor should commence the work immediately after receipt of intimation over phone or letter to start the work.
- 29) The Contractor when warranted, shall carry out all the works round the clock on all days including Sundays, general holidays during the period of contract. During Emergency, the Contractor shall attend the work immediately on intimation and Mobilise manpower to work round the clock.
- 30) The tenderer shall keep the site reasonably clean and remove from the site and dispose of all waste materials and rubbish as it accumulates and as directed and shall carryout any measure required to comply with health and hygienic regulations. On completion of the work the site shall be left clean and tidy to the satisfaction of the field Engineers.
- 31) The work being carried out by the contractor will be inspected by the concerned Corporation Engineers. In case of any dispute between the contractor and the Executive Engineer(LT-2)/ Superintending Engineer (EM-2) the decision of Chief Engineer (O&M) will be final. In case of doubt or clarification or ambiguity or ruling, orders of the Chief Engineer (O&M) will be final and binding on the contractor.
- 32) All the consumables such as Cora cloth, cotton waste, diesel, petrol etc., and consumables required for works, shall be supplied by the Corporation at free of cost.
- 33) The designated works will have to be completed within the scheduled period. The schedule period will be intimated before commencement of work. Any changes in schedule period will be intimated regularly over phone or letter.

**Bidder signature**



- 34) All the connected minor works which are necessary for completing the main work are to be carried out by the contractor and no extra claims will be admitted.
- 35) The contractor shall co-operate with all other contractors who have may be performing other works on behalf of the corporation and the workmen who may be employed by the corporation and doing work in the vicinity of the works under the contract, the contractor shall also so arrange to perform his work as to minimize, to the maximum extent possible the interference with the work of the other contractors and his workmen. If the works of the contractor shall have no claim against the corporation on that account other than extension of time for completing his work.
- 36) The contractor should be in a position to mobilize sufficient workers wherever called for, by the controlling officer at a very short notice whenever work warrants. The work shall be required to be executed round the clock and contractor shall be prepared to execute the work as per the requirement under the instructions of Engineer in charge even on Sundays and other holidays falling in between. The contractor should be in a position to mobilize manpower for overhauling if the two units are taken up parallel for overhaul works.

#### TERMINATION OF CONTRACT:

- 37) If the Contractor denies executing the work with due diligence and expedition or does not comply with the instruction given, the Corporation reserves the right to terminate the contract by giving 10days notice.
- 38) The misbehaviors on the part of labourer / workmen/ technician deployed by the agency will be viewed very seriously and the contract may be terminated if the same attitude is continued in spite of the three notices issued by KPCL.
- 39) If the services of the Agency is not satisfactory, fails to carry out the works to the satisfaction of Corporation and if any of the conditions of the contract agreement is violated, the Chief Engineer (O&M) / SE(EM-2) / EE(LT-2) reserves the right to terminate the contract without notice prematurely and recover damages besides forfeiting security deposit in full and also from the other amounts, bills etc., payable to the Contractor. The decision of Corporation is final.
- 40) If, any of the documents / information furnished by the contractor is found to be false after award of the contract the EMD and SD will be forfeited and the contract will be terminated.
- 41) If the Firm fails to replenish the amount of security deposit attached/adjusted for default of tenderer, the contract will be terminated.
- 42) In the event of death or insolvency or insanity or imprisonment of the bidder, the Corporation can terminate the contract by a notice in writing pasted at the place of work as per the contractor/labour (Regulation and Abolition) Act. The Contractor shall also ensure that there shall be no violation of any of the labour laws by him. Under no circumstances the responsibility for violation of any of the Rules/Provisions by the Contractor shall be taken by the Corporation.
- 43) The tenderer shall pay compensation to workmen working under him for any injury caused during the execution of work as per "workmen compensation act" in force, failing which the amount will be deducted from his bills and paid to injured workmen.
- 44) PENALTY: Penalty for delay in completion of supply / services shall be deducted at ½ % per week subject to maximum limit of 10% of the contract value.
- 45) In case of delays on Bidder's part at any stage during the schedule period or after, the Corporation shall have the option of ensuring completion of the job by any other means at its disposal and charges on this account shall be recovered from the Bidder's Bills or security deposit available with Corporation.
- 46) The Corporation reserves the right to recruit the laborers or employ alternate Agency in case sufficient number of laborers for completing the required works in time is not engaged by the Bidder and recover the cost of such recruitment or actual charges incurred for employing alternate Agency from the Bills of the Bidder besides enforcing penal clauses of the contract.
- 47) The Bidder shall execute any emergent additional work as directed by the Engineer, failing which the Corporation reserves the right to engage any other agency to carry out such work at the risk and cost of the Bidder.
- 48) In case of failure to abide by Statutory rules / regulations, the Corporation is at liberty to recover such amounts as required from the Bills or security deposits of the Bidder.

**Bidder signature**

- 49) The rates shall be quoted in rupees and paisa and shall be written both in figures and words. In case of variation, the lower of the two shall be taken as valid. This Schedule shall be written legibly and free from corrections/over-writings.
- 50) The Bidder shall, if directed by the Executive Engineer or concerned group engineer, dismiss or discontinue from the work any person employed for misconduct or incompetence. Such person shall not be employed again on the works without the written permission of the Executive Engineer.
- 51) The period of contract shall be as per work order.
- 52) Approach/Access to be provided by the concerned agency only.
- 53) Necessary work permit/line clear in writing from the control room or authorized person to be taken through KPCL Engineers before starting work on daily basis.
- 54) In the event of death or insolvency or insanity or Imprisonment of the Bidder, the Corporation can terminate the contract by a Notice in writing pasted at the place of work.
- 55) If any additional information, not specifically covered in this specification, is required the Bidder shall contact the Executive Engineer in charge but it must be clearly understood that the tenderer is deemed to have accepted all the terms and conditions of the specification unless specifically mentioned in his offer. Bills shall be prepared for every three month once.
- 56) If the Bidder fails to comply with the terms of the agreement, the contract shall be cancelled by the Corporation and thereafter security deposit and any other amounts due to the Bidder shall be forfeited and adjusted suitably. The contract shall be cancelled within three days' notice without any further legal bindings.
- 57) The Bidder shall note that the labourers engaged by him will be working in the vicinity of running equipment's and therefore, he shall give proper instructions to be cautious to all the workers under his control. The Corporation shall not be responsible for any accident that may occur and for any compensation that may arise out of the accident.
- 58) No bidder shall employ any person who is under the Age of 14 years.
- 59) All general T&P shall be brought by the Bidder.
- 60) All Consumables such as Cora cloth, cheese cloth, kerosene, petrol etc., shall be supplied by the corporation.
- 61) All spares required to be replaced and special T&P required will be supplied by the Corporation free of cost. The T&P shall be returned in good condition after completion of the works. The cost of any damage or loss to the special T&P shall be recovered from the Bidder.
- 62) All the Bills shall be prepared in prescribed printed or typed forms at the rates specified in the contract. The firm shall submit the bills after completion of the works or running account bills month wise on the firm's letter head with reference number and enclosing all relevant documents as per contract.
- 63) In case of tender by Partners, any change in the constitution of a Firm shall be notified forthwith by the Bidder to the Executive Engineer.
- 64) The Bidder shall obtain individual passes to the labourers from the concerned Corporation Authorities and direct labourers to produce them whenever required for verification
- 65) No advance shall be paid for this work. It is the responsibility of the Bidder to mobilize resources of his own for executing the work.
- 66) No compensation will be paid by the corporation if any Accidents occur to his workers while carrying out the work. Insurance against all types of risks for the bidders' Workers during the overhauling period/execution of the works will have to be arranged by the bidder at his own cost.
- 67) The successful tenderer and all persons employed by him on the site in or around the execution of the work shall conform in all respects with the provisions of all acts and all Orders and regulations made by the competent authority that shall be applicable to the works or any temporary works and Binding upon the bidder or persons employed as aforesaid and in particular, but without prejudice to the generating of the foregoing such matters as concerning the safety, health or Welfare of persons on the site.

**Bidder signature**

- 68) The bidder shall not be entitled for idle labour charges under any circumstances.
- 69) All the Skilled, semi-skilled & unskilled labour will have to be arranged by the bidder himself at his own cost for the satisfactory completion of the work.
- 70) The tenderer shall keep the site reasonably clean and remove from the site and dispose all waste materials and rubbish as accumulated and as directed and shall carry out any measures required to comply with health and hygienic regulations. On Completion of the work the site shall be left clean and tidy to the satisfaction of the field engineers.
- 71) The work being carried out by the bidder will be supervised and inspected by the concerned corporation engineers.
- 72) In case of any dispute between the bidder and the Executive Engineer/Superintending Engineer, the decision of the Chief Engineer (O&M) will be final.
- 73) In case of doubt or clarification or ambiguity or ruling, orders Of the Chief Engineer (O&M) will be final and binding on the Bidder.
- 74) The overhauling/electrical works will have to be completed within the Scheduled period.
- 75) All the connected minor works which are necessary for completing the main work are to be carried out by the bidder and no extra Claims will be admitted.
- 76) The tenderer should be familiar with general rules and regulations pertaining to the contract prescribed by the corporation from time to time and should abide by the same.
- 77) If any additional information, not specifically covered in this specification, is required the bidder shall contact the Executive Engineer in charge, but it must be clearly understood that the tenderer is deemed to have accepted all the terms and conditions of the specification unless specifically mentioned in his offer.
- 78) STATUTORY REQUIREMENTS: The agency should produce independent PF code documentary evidence, IT PAN, GSTIN Number, labour license copy etc.
- 79) Deduction of building & construction workers welfare cess at 1 % from the bills under statutory levies.
- 80) Agency should quote their rates inclusive of PF, service tax and all taxes of GOK and GOI, KPCL recovers statutory recoveries of IT, cess etc. at applicable rates.

EXECUTIVE ENGINEER (LT-2)  
RAICHUR THERMAL POWER STATION  
KARNATAKA POWER CORPORATION LTD.,  
SHAKTHINAGAR - 584170

**Bidder signature**

**KARNATAKA POWER CORPORATION LIMITED  
RAICHUR THERMAL POWER STATION**

**SECTION -IV**

**SAFETY REQUIREMENTS TO BE OBSERVED BY THE CONTRACTORS ON KPCL PREMISES**

The following instructions must be read carefully by the contractor. No variation is allowed, whatever may be the pressure for speedy completion of the works proper attention to the safety of the persons must at all times be ensured.

**GENERAL SAFETY REQUIREMENTS:**

The following minimum safety measures in vogue at RTPS shall be strictly followed by the contractor:

1. The contractor's employees shall be at all times under proper supervision when working on RTPS premises.
2. The contractor must ensure that all equipment's brought to site are in good conditions and are used erected safely. Personal protective clothing and equipment's must be ensured.
3. The contractors must keep their site of work clean and tidy and clear of obstructions. .All floors and walk way must be kept clear off materials in order that a secure footing can be maintained. Suitable precautions are to be taken so as not to pollute the atmosphere, ground or water.
4. If it is necessary to remove any type of floor section, permission must be obtained from the concerned Engineer substantial, secure barriers must be erected around any hole. Warning notices must be posted by day and suitable lamps displayed during hours of darkness. All floor sections must be replaced and secured as soon as practicable.
5. The contractor must ensure proper scaffolding and safe means of access to work place wherever necessary.
6. Only properly tested lifting tackles and machines must be used. They must be kept under strict control and not be left lying about on site. The safe working load must not be exceeded. Knotted cloths and lashings are be avoided to lift the equipment. While lifting the area immediately below the operation and adjustment to winching equipment's must be suitably barbered.
7. Whenever electrical supply is made available by KPCL the contractor should provide and maintain the whole of the installation on the local side. All the portable tools, hand lamps must be connected to the system by means of plugs and sockets of a good quality. The cable used must be in good condition. All joints must be electrically and mechanically sound. Portable hand lamps must be operated not more than 24 volts with a suitable transformer.
8. Supply to welding equipment must be specially arranged. The connections, must be sufficient in size for the duly to be performed, properly protected for mechanical damage.
9. The work place must be kept clear of flammable material. Screens or mats must be used to prevent hot metals below or on to adjacent equipment / personnel. Portable extinguishers must be kept near welding or gas cutting work place. Gas cylinder valve keys shall be readily available at the cylinder. For speedy closure in case of fire. As for as possible use portable trolleys for gas cylinders.
10. All personnel must wear protective equipment's and clothing suitable to the tasks and location in which they are employed. Safety shoes, helmets, respiratory protection equipment's like dust mask, eye protection devices like goggles and noise masks like earplugs must be used wherever necessary.
11. Care must be taken while using any equipment's that naked flames like grinding, gas cutting, welding and extreme care must be taken to avoid occurrence of fire.
12. All the waste materials like cotton waste, loose insulation, scrap materials, flammable waste materials like etc., shall be removed completely from the work place after completion of the work.

**Bidder signature**

13. Workers working at a height, which is unsafe, shall wear safety belts with its hook attached to a permanent structure.
14. It is the responsibility of the contractor to provide necessary safety equipment's and to ensure usage of the same by the workers wherever necessary.
15. Contractor shall ensure environmental related awareness shall be given to his employees.
16. During the activities of any metallic scrap and waste generate should be kept in sacks/identified place as per instruction of engineer in charge.
17. Prompt corrective action can be taken by the contractor for any of his activities which may lead to environmental impact.
18. Ensure the following before start working on any electrical equipments.
  - a) Work permit/line clear from the concerned engineer
  - b) Proper isolation of equipment/switch gear
  - c) No power supply in the equipment/switch gear
  - d) Proper earthing should be made using earthing rod before commencing the work
19. After completion of work on equipment, ensure removal of earthing connections
20. Check for required megger values before charging the equipment/switch gear

EXECUTIVE ENGINEER (LT-2)

**Bidder signature**

**KARNATAKA POWER CORPORATION LTD.  
(RAICHUR THERMAL POWER STATION)**

**TENDER FORM**

TENDER NOTIFICATION NO:  
(To be filled by the tenderer)

Name of the work: Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipment's of Unit- 5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months.

To,  
THE EXECUTIVE ENGINEER (LT-2)  
Raichur Thermal Power Station  
Karnataka Power Corporation Ltd.,  
Shakthinagar-584170  
Raichur district  
Karnataka State

Dear Sir,

Having examined the above notification, together with the accompanying general conditions there in referred to, we hereby offer to provide and carryout the work described in the said tender notification according to the general conditions at the rates entered in the attached contract schedule of prices.

1. We hereby undertake the work specified in the schedule with the time specified in the tender notification.
2. We hereby guarantee the satisfactory fulfillment of the entire contract.
3. We agree to pay the EMD & SD as per clause no.8 & 10 of the general conditions.
4. We agree with all clauses mentioned in the tender notification and with the general conditions of contract prescribed by the corporation.

Yours faithfully

Signature:

Name:

Date:

**Bidder signature**

## DECLARATION

I/We have studied the site conditions, equipments conditions & approachness to the equipments, labour conditions and read tender document and related matters carefully and deligently and that I/We have submitted the tender, having studied, understood and accepted the full implications of the contract agreement.

The requirements of the tender agreement as stated above will be fulfilled by me/us to the satisfaction of the Engineer.

Signature of the tenderer  
With seal

**Bidder signature**

## STATEMENT OF PREVIOUS EXPERIENCES

Sl. No.	Name of the firm for whom work was done	Description of work done	month & year

**NOTE:** Tenders with out valid experience shall be liable to be rejected

Name of the firm:

Signature of Bidder:

Date:

Seal of the company:

Evidence of Experience  
Certificates enclosed:

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## **SCOPE OF WORK**

### **Section II**

**Name of the Work:** Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipments of Unit- 5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months

The following works shall be carried out regularly

1. Cleaning with pressured service air and maintenance of LT cables and cable trays of Unit-5,6,7&8 at various cable lay-up locations as indicated below.
  - a. Cable trays running from LT switchgears at 4.5mtrs elevation to Boiler, Turbine and ESP areas.
  - b. Cable trays running from BMCC & SBMCC at 15.50mtr elevation to Boiler area.
  - c. Cable trays running from Unit 220V DC switchgear to various locations of Units.
  - d. Cable and Cable trays running between ESP switchgear & EC Panels and between EC panels and HVRTs at ESPs of the Units.
  - e. Cables and cable galleries at '0' and '10.5' Mtr levels of TG building of the Units.
  - f. Cables and cable trays at '0" Mt level of TG floor leading to and at various auxiliary stations like ACWPs, ACWBPs, ACWSG, IAC and SAC stations of the units.
  - g. Cables and cable trays of MRHS system of the Units.
  - h. Any other cable and cable galleries pertaining to Units 5,6,7 &8 other than above locations
  - i. Cleaning and maintenance of all other cables and cable galleries of Units 5,6,7 &8.
2. Dewatering of cable trenches at ESP switchgear, ESP control room of Units 5,6,7 &8. All the equipment and accessories required for the dewatering process like the Pump, lighting, cabling and power supply shall be arranged by the contractor.
3. The foreign materials, wastes fallen in the trenches shall be removed after dewatering.
4. LT Switch gear : Inspection of modules, cleaning of module components, tightening of busbar contacts, inspection and keep up of terminations of outgoing cables from modules, as required during:
  - a. Preventive maintenance
  - b. Breakdowns
  - c. Major repairs of the panels resulting out of module flashovers/ major fire etc at USSG, N/E SWGR, BMCC, TVDC, VCB, SBMCC, SSSG, 220V DC SG, 24 V DCSG, ESP Switch gears, ESP ACPs and ESP EC panels-as per the clearance & instructions and to the satisfaction of engineer-in-charge.
5. LT Motors : Inspection, cleaning, Terminals checking, replacement of defective motors, servicing of motors like bearing replacement, greasing, etc., review and re-establishment of earth connection of motors. checking etc., as per the clearance & instructions and to the satisfaction of engineer-in-charge.
6. Shifting of panel modules, Motors and other equipment from stored locations to work site as required when the preventive, breakdown, major repair works are taken up in respect of any LT panels and other LT equipment.
7. Motorized actuators of dampers/Valves/gates: Inspection of actuator motors, limit switch assemblies, maintenance of actuator motors, review and resetting of limit switches, and attending any other defects with actuators.
8. Local Control panels of IAC, SAC, Air Drier, DC Scanner Fan, MOT Oil Centrifuge, Main steam Block Valves (MS-01 & MS-02): Inspection of panels, cleaning and keep-up of panels, and attending any defects with the panels.

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9. Wall blowers: Inspection, cleaning, Terminals checking, replacement of defective motors, servicing of motors like bearing replacement, greasing, etc., review and re-establishment of earth connection of motors. checking etc
10. Maintenance activities in respect of preventive and breakdown maintenance of HVRTs of ESP system. Replacement of burnt out heaters in shaft & support insulators and also in U#8 ESP hoppers.
11. ESP auxiliaries: Inspection for healthiness/normal operation, maintenance and keep-up of:
  - a. Rapping Motors (collector & emitter).
  - b. Shaft and support insulators heaters.
  - c. HVRT terminal/marshal box terminations.
  - d. Electrical Hoists at ESP roofs.
  - e. Equipments of MRHS system of units 5,6,7 &8

12. Attending of the emergency calls:

In addition to attending to the regular maintenance works as above, the contractor shall also depute his crew to site immediately on receiving any calls from the in charge engineer of the division during any of the plant emergencies/breakdowns which need cabling, maintenance/restoration work, enabling the division to normalize the system/equipment at the earliest.

**Supervision of works:**

All the above works during the tenure of this works contract shall be supervised by a contractor and he shall be available for himself with his crew at work front during the execution of assigned work.

The contractor shall take the clearance/instructions for the assigned work from the engineer-in-charge and carryout the work as per his guidance & to his satisfaction.

The contractor shall ensure the strength of his crewmen and availability of all relevant tools and tackles in adequate quantities and shall ensure that the assigned works are not hampered on account of shortage of crew strength and shortage of tools.

The contractor shall also be responsible for mobilization of all required attention for his crewmen while on their work.

**Deployment of safety gadgets and safety measures:**

The contractor shall fulfill all the safety requirements in vogue at RTPS while execution of the work. The contractor shall arrange for the necessary and adequate relevant safety gadgets for their workmen on their own cost and the contractor shall be responsible for enforcing use of relevant safety gadgets by their workmen during the execution of work and responsibility shall be wholly borne by the contractor, for any complications arising on account of lapses in usage of safety gadgets/safety measures by their crewmen and any liabilities arising out in such situations shall be made good at contractor's own cost and responsibility.

**Executive Engineer (LT)-2**  
Karnataka Power Corporation Limited

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<b>KARNATAKA POWER CORPORATION LIMITED</b>						
<b>RAICHUR THERMAL POWER STATION</b>						
<b>SHAKTINAGAR-584170</b>						
<b><u>NAME OF WORK:</u></b> Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipment's of Unit- 5,6,7&8 along with ESP pertaining to EE(LT-2) division for a period of 3 months.						
		Price schedule section III				
Division: EE (LT-2)						
Sl. NO	DESCRIPTION OF WORK	Rate per month in Rs.	No. of months	Amount in Rs.	In wards	
1	Cleaning of cables / cable gallery & associated structures, assistance in maintenance of LT Switchgear & connected equipments of Unit-5,6,7 & 8 along with ESP pertaining to EE (LT-2) division for 3 months		3			
2	GST @18%					
3	Total amount in Rs					

In words:-

Bidder Seal with Signature

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