



KARNATAKA POWER CORPORATION LIMITED
(A Government of Karnataka Enterprise)
Chief Engineer (GSW), Bengaluru-64
CIN:U85110KA1970SGC001919

Short Term Notice Inviting Tender
Abstract Bid Notification

(TWO COVER SYSTEM)
(Through e-Procurement Portal Only)

No. KPCL/ CGSW/ SOLAR/ TBAY/ 190 dtd. 24.04.2017

Bids are invited in English from the intending bidders possessing valid Super Grade Electrical License issued by GoK for the work of **“Construction of 33kV Terminal bay in 110/33kV Shiggaon substation, Haveri district for evacuation of 10MW power from Chandapur solar plant to grid through 110/33kV Shiggaon substation including supply of equipments/ Materials, Erection, civil works, testing and commissioning etc.,**

The details of NIT & brief bid notification can be viewed on KPCL website: **www.karnatakapower.com & <https://eproc.karnataka.gov.in>.** Tender documents may be downloaded from Government of Karnataka e-procurement website **<https://eproc.karnataka.gov.in>** under login for Contractors.

The period of completion is 45(Forty Five) Days including monsoon period. EMD: Rs.76,000/-. Last date for submission of bids through e-portal is 15.05.2017 upto 16:00 Hrs.

Further details can be had from:

Chief Engineer (GSW),
Karnataka Power Corporation Ltd.,
SN Halli Post,
Yelahanka
BENGALURU - 560 064.
Telephone No:080-28562944 / 22356714
Mob. 9448049303
Fax No:080-28460302
Web site: www.karnatakapower.com
**Email: cegs@karnatakapower.com,
cegswpcl@gmail.com**

CHIEF ENGINEER (GSW)
Karnataka Power Corporation Limited
BANGALORE.



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Chief Engineer (GSW), Bengaluru-64

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Brief Bid Notification

(TWO COVER SYSTEM)
(Through e-Procurement Portal Only)

NO. KPCL/CEGSW/SOLAR/TBay/190

Date: 24.04.2017

1.0 The Chief Engineer (GSW) invites bids from the intending bidders possessing valid Super Grade Electrical License issued by GoK for the work of **“Construction of 33kV Terminal bay in 110/33kV Shiggaon substation, Haveri district for evacuation of 10MW power from Chandapur solar plant to grid through 110/33kV Shiggaon substation including supply of equipments/ Materials, Erection, civil works, testing and commissioning etc.,”** Pre-qualification criteria & bid documents may be downloaded from Government of Karnataka e-procurement website <https://eproc.karnataka.gov.in> under login for contractors.

2.0 After login to Contractors, please scroll down to the right side bottom to see list of tenders, please click there to find the details of NIT & download copy of the tender. The tender can be downloaded from the portal as per prescribed date & time published in the portal. Only interested bidders who wish to participate should remit on line transaction fee for tender after registering in the portal. The transaction fee is non-refundable.

3.0 SCOPE OF WORK

3.1 The detailed scope shall be as follows:

The project envisages:

Construction of 33kV Terminal bay in 110/33kV Shiggaon substation, Haveri district for evacuation of 10MW power from Chandapur solar plant to grid through 110/33kV Shiggaon substation including supply of equipments/ Materials, Erection (including civil works), testing and commissioning. The terminal bay is to be erected as per KPTCL Technical Specifications.

3.2 Supply of equipments/materials:

- i. SF6 Circuit Breakers
- ii. Support structures for CT's.
- iii. Support structures for PT's
- iv. Isolators
- v. Lightning arrestor
- vi. Control & power cables
- vii. Station Structures
- viii. Equipment support structure (Lattice type) viz Towers, beams & Lighting cum Lightning masts, as per the single line diagram furnished by owner
- ix. Illumination fittings for outdoor
- x. Switchyard materials like cylindrical solid core post insulator/Disc Insulators, along with support structure, etc.

- xi. Drake / Coyote ACSR conductors
- xii. Ground Wire & accessories, Insulator & Hardware clamps etc.
- xiii. Power connectors etc.
- xiv. Earthing Materials etc.,
- xv. C&R panels
- xvi. Fire Fighting Equipments

Any other equipment / material required for successful completion of the projects.

The bidder shall procure the equipments/materials from KPTCL approved vendors only. It is the responsibility of the bidder to obtain design drawings approval, inspection & testing of equipments from KPTCL authorities.

Note : Two sets of CTs & PTs and three numbers of Energy meters having ABT feature will be supplied by KPCL. All other Equipments / Meters proposed for the Substation should be compatible to SCADA & Substation Automation.

3.2 Civil Works:

- 3.3.1 Leveling of the bay area in accordance with the levels furnished by owner and consolidation.

Engineering and execution of following works:

- i. Foundation for terminal bay structures and equipment / post insulator support structures
- ii. Foundation for Bay marshalling kiosk/ACDB
- iii. RCC Cable ducts and Hume pipe cable ducts

- 3.3.2 Any other work required for successful completion of the project.

3.3.3 Laying of Earthmat:

Laying/ Extension of earth mat & Earthing of Equipments.

3.4 Erection:

- 3.4.1. Erection of terminal bay structures, equipment mounting structures, equipments like Circuit breaker, CT's, PT's, LA's, etc., post insulators, Control Room Equipments like C & R Panels etc., inside the control room, switchyard illumination Fire Fighting Equipments, etc.

Installation/ extension of main bus & cross bus including equipment interconnections
Laying of control & power cables and Termination.

- 3.4.2 Installation of illumination fittings required for the bay

- 3.4.3 Erection of any other equipment / material required for successful completion of the project.

3.5 Testing & commissioning of the terminal bay:

Testing & commissioning of the complete terminal bay.

- 3.5.1 All materials required for the civil construction / installation work shall be supplied by the contractor. The cement and steel shall also be supplied by the contractor.

- 3.5.2 The contractor shall also be responsible for the overall co-ordination with internal/ external agencies, project management, training of owner's manpower, loading,

unloading, handling, moving it to final destination for successful erection, testing and commissioning of the terminal bay

3.6 Typical drawings / documents:

3.6.1 The typical drawings furnished are for the guidance of the bidder. **Successful bidder shall verify the drawings and furnish modified design as per KPTCL requirements, if any. Bidder shall obtain approval of design drawings of equipments from KPTCL.** The available typical drawings may be collected from the office of the Chief Engineer (GSW), KPCL, Yelahanka, Bangalore

3.6.2 Any other items not specifically mentioned in the specification but which are required for erection, testing and commissioning and satisfactory operation of the Terminal Bay at substation are deemed to be included in the scope of the specification unless specifically excluded.

3.6.3. Schedule of Quantities:

i) The detailed description of various items/equipments and civil works are indicated in Technical bid. The bill of quantity of major equipment's are also indicated and wherever the quantities are not indicated, the bidder is required to compute the ceiling quantity. In all such cases payment will be made for the ceiling quantity vis-a-vis the exact quantity (arrived at after detailed engineering) whichever is lowest. Bidder is required to indicate unit rate and total price of the items under respective heads in bid proposal sheet. Bidders should include all such items in the bid proposal sheets, which are not specifically mentioned but are essential for the execution of the contract.

ii) The quantities indicated are estimated, based on the switchyard layout. In case of towers, beams and lightning masts the bidder has to quote on the basis of single line diagram. The bidder has to quote on number wise, irrespective of whatever may be the weight of tower, beam or lightning mast

In respect of civil works the quantities are mentioned in numbers/ meters/ Lump sum/ Kgs / MT/ cum / sqm. The same are furnished based on layout drawings.

3.7 Layout arrangements:

Switching scheme adopted for Sub-Stations is Single main bus scheme for 110kV/33kV switchyard. The type of bus proposed is Strung made of Drake / Coyote ACSR.

3.8 Location of the substation:

The location of Sub-Station is indicated below:

Sl. No.	Name of Sub-Stations	Nearest Railway station	Railway zone
1.	Shiggaon	Hubli	South-Western Zone

3.9 Reference Drawings:

The typical drawings furnished are for the guidance of the bidder. Successful bidder shall verify the drawings and furnish modified design, if any. The bidder shall maintain the overall dimensions of the substation, bay length, bay width, phase to earth clearance, phase to phase clearance and sectional clearance, clearances between buses, bus heights but may alter the locations of equipments to obtain the statutory electrical clearances

required for the substation. The drawings enclosed give the basic conceptual scheme, layout of substation & associated services etc. in case of any discrepancy between the drawings and text of specification, the requirements of text shall prevail in general. The successful bidder shall furnish all the drawings for approval of owner, whether with or without modified designs. Only after the approval of owner, the drawings shall be released for construction/installation.

The available typical drawings may be collected from the office of the Chief Engineer(GSW), KPCL, Yelahanka, Bangalore.

3.10 Specific Requirements:

The bidder shall be responsible for safety of human and equipment during the working. It will be the responsibility of the Contractor to co-ordinate and arrange for obtaining necessary clearance before commissioning.

3.11 Special tools and tackles:

The bidder may include in his proposal the deployment of all such special tools and tackles required for erection, testing, commissioning and maintenance of equipment. In addition to this, the contractor shall also furnish a list of special tools and tackles for the various equipment in a manner to be referred by the Owner during the operation of these equipment.

3.12 Arrangements required to be made by the Contractor :

3.13.1 Electricity

The contractor shall make his own arrangements for electrical power and water supply required for construction purposes.

4.0 GENERAL:

- a) **The responsibility of obtaining statutory clearances from the authorities such as: Electrical inspectorate and other statutory bodies lies with the contractor. KPCL will provide necessary assistance.**
- b) It is binding on the part of contractor to execute the works in accordance with various statutory requirements such as, latest Indian Electricity Act and Rules and amendments and all other relevant standards.
- c) The contractor shall obtain all necessary clearance and drawing approvals from KPTCL before execution of work and execute the works in accordance with the relevant IS and Electricity Act Rules.

5.0 EARNEST MONEY DEPOSIT (EMD)

An Earnest Money Deposit for an amount of **Rs. 76,000/- (Seventy Six Thousand only)** as indicated in the Notice inviting bids and/ or Brief bid notification shall accompany each bid as detailed in following paragraphs:

5.01 Earnest Money Deposit of **Rs. 76,000/- (Seventy Six Thousand only)** shall be paid online through e-Procurement portal of GoK using any of the following payment modes:

- **Credit Card,**
- **Direct Debit,**
- **National Electronic Fund Transfer (NEFT),**

- **Over the Counter (OTC) (only through designated branches of Axis Bank).**

- 5.02 Bids not accompanied by the requisite EMD shall be rejected.
- 5.03 If the bidder withdraws his bid before the expiry of the bid validity period prescribed in the bid specification or if the successful bidder fails to submit the contract performance guarantee as specified in the bid & or fail to enter into a contract with the Corporation in the form prescribed with related requirement within **10 days** of the date of letter of award, the bid guarantee will be forfeited as liquidated damages.
- 5.04 The EMD furnished by unsuccessful bidders will be returned, only after the award of contract & entering in to agreement with the successful bidder.
- 5.05 For the successful bidder, the EMD will be returned, only after the firm enters into contract agreement & furnishes the contract performance guarantee (Security Deposit) in an acceptable form.
- 5.06 No interest is payable to the bidders for the Earnest Money Deposit.
- 6.0** Tenders (both Cover-I & II) must be electronically submitted (online through internet) within the date & time published in e-procurement portal. Cover-I of Tender will be opened at prescribed time & date in the e-procurement portal, in presence of the Tenderers who wish to attend at the office of the Chief Engineer (GSW), KPCL, SN Halli Post, Yelahanka, Bengaluru-560 064. Opening of Cover-II shall be intimated later.

7.0 Brief scope of tender is as follows. Other details can be seen in the tender documents.

Sl. No	Name of work	EMD @ 2% of Amount put to Tender.	Tender processing fees (Non-refundable)	period for completion of work
1	“Construction of additional 33kV Terminal bay in 110/33kV Shiggaon substation, Haveri district for evacuation of 10MW power from Chandapur solar plant to grid through 110/33kV Shiggaon substation including supply of equipments/ Materials, Erection, civil works, testing and commissioning etc.,”	Rs. 76,000/- (Rupees Seventy Six Thousand only) online through e-Procurement portal	As per e-procurement portal.	45 (Forty Five)Days including monsoon period.

8.0 CALENDAR OF EVENTS:

a)	Date of issue of NIT through E-portal/down loading of bid documents.	24.04.2017
b)	Last date & time for seeking clarifications	05.05.2017
c)	Last date and time for submission of technical bid & Financial bids -cover-I&II (two covers) along with EMD through e-procurement portal	15.05.2017 upto 16:00Hrs
d)	Date & time of opening of Technical Bid (cover-I)	17.05.2017 @ 11:00Hrs
e)	Date & time of opening of cover-II (price bids) of qualified bidders.	Would be intimated later

9.0 ELIGIBILITY CRITERIA:

The intending bidder shall satisfy the pre-qualification requirements and produce documentary evidence as stipulated below:

- a) The bidder should possess valid Super Grade Electrical License issued by Government of Karnataka.
- b) Bidder should have carried out supply & erection of at least One substation of 110/66/33kV class or 110/66/33kV terminal bay or above category during preceding five years (2011-12 to 2015-16).

As proof of the above, the bidder shall upload relevant work done certificate/performance certificate signed by an officer of the rank of Chief Engineer or Station Superintendent/ Competent Authority of respective organization certifying the performance of the works. (It shall be uploaded in e-portal).

- c) The Bidder should have achieved in at least two financial years an average annual turnover of Rs.60 Lakhs during the preceding 5 financial years (2011-12 to 2015-16).

As proof of the above, the audited balance sheet countersigned by Chartered accountant shall be uploaded.

- d) The bidder shall possess the following documents:

Income tax returns filed during the last two financial years and PAN.

WCT/ VAT registration certificate.

Independent PF code/ Employees Provident fund certificate and ESI/Insurance certificate.

Service Tax registration certificate.

Labour registration certificate issued by department of labour.

Note: Documentary evidence for the pre-qualifying requirements prescribed shall be uploaded along with other documents, failing which/not satisfying above criteria's , tenders are liable for rejection. As far as technical qualifying requirements are concerned, a certificate issued by the project authorities from State Govt./ Central Govt./ Govt. undertakings signed by an officer of the rank of Chief Engineer or Station Superintendent /Competent Authority shall be furnished and regarding financial qualifying requirements are concerned latest audited balance sheets counter signed by Chartered Accountant shall be furnished.

10.0 TWO COVER BID:

The tender is of two cover system

The Bidder should upload scanned copies of the following documents:

A. COVER-I (Technical Bid)

- a) All the Documents to meet the qualification criteria (Eligibility criteria) specified in Clause 7.0 above.
- b) The declaration by the bidder that none of his contracts have been subject to forfeiture of EMD/foreclosure/ termination of their Contract in

KPCL/Government or any other utility & blacklisted for participating in tender by KPCL or Government or any other utility in India during the past three years as per format vide **Declaration-1**.

- c) Details of the Commercial terms & conditions, all the annexure specified in bid documents pertaining to commercial terms & conditions shall be uploaded. All the technical details etc., of the technical offer along with all the technical particulars shall be uploaded.
- d) The bidder should give a declaration that he has studied the site conditions, labour conditions and read the bid documents and related matters carefully and diligently and that he has submitted the bid having studied, understood and accepted the full implications of the tender documents and bidders offer shall have no condition contravening the commercial conditions of the bid-as per format vide **Declaration-2**.
- e) The bidder should upload the following documents;
 1. Income tax returns filed during the last two financial years and PAN.
 2. WCT/ VAT registration certificate.
 3. Independent PF code/Employees Provident fund certificate and ESI/Insurance certificate.
 4. Service Tax registration certificate.
 5. Labour registration certificate issued by department of labour.
 6. Experience Certificate.
 7. Annual turnover certified by Chartered Accountant
 8. Electrical License.
- f) The bidders shall sign and enclose the scanned copy of the details of service tax component duly filled as per the format vide **Declaration-3**.

B. COVER-II (Price Bid)

Price schedule only (Price Bid)

- a) Bids submitted within the scheduled date & time shall only be eligible for further processing of the bids. Any bid submitted after the date & time specified shall be rejected. Date & time stamp of the e-portal system shall be final in deciding the time of submission of bid. Decision of the Corporation in this regard shall be final & acceptable to all the bidders.
- b) The original documents should be produced for verification at any stage of tender process as and when sought for, failing which, the bids are liable for disqualification.
- c) Rates shall be quoted in price schedule i.e. Price bid, in the e-procurement portal only in the space provided for uploading "FINANCIAL BID DOCUMENTS".
- d) Price bid of tenderers who have furnished all the documents to meet the qualification criteria, technically & commercially responsive will only be opened.
- e) The tender shall be valid for 180 days from the date of opening of 'Cover-I' of the bid.

KPCL reserves the right to verify any information/documents furnished by the bidder should the circumstances so warrant. In case the information or the documents furnished are found to be incorrect/false or invalid then the EMD furnished by such bidder shall be forfeited.

- f) Corporation reserves the Right to reject any or all the tenders without assigning any reasons. However, in all cases KTPP act shall be followed.
- g) Any other information required may be obtained from the office of the undersigned during office hours.
- h) Bidders who have not obtained the user ID & Password for participating in e-procurement in Karnataka Power Corporation Limited may now obtain the same from the website (<https://eproc.karnataka.gov.in>).
- i) Corrigendum/modification/corrections, if any, will be published in the website only. For any clarification on e-procurement or request for e-procurement training, bidder can contact HP HELPDESK at 080-25501216/25501227/22340060.

Note: Cover-I will be opened first and thereafter, Cover-II of only those bidders who have satisfactorily furnished all documents/details mentioned in Cover-I will be opened.

11.0 GENERAL CONDITIONS:

- a) Tenders from Joint ventures are not acceptable.
- b) Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any State Government / Government of India /Union Territory.
- c) It shall be the responsibility of the Bidder to ensure credit of Tender Processing Fee and EMD into the respective receiving bank accounts of e-Procurement on or before the last date and time of bid submission.
- d) The bidder is required to ensure browser compatibility of the computer well in advance to the last date and time for receipt of tenders. The departments shall not be responsible for non-accessibility of e-Procurement portal due to internet connectivity issues and technical glitches at bidder's end.
- e) EMD Payments through e-Payment mode shall be made as one single transaction and payments made in part are liable for rejection.
- f) The original documents should be produced for verification at any stage of tender process as and when sought for, failing which, the bids are liable for disqualification.
- g) Rates shall be quoted in Price Schedule (Financial bid) in the website itself.
- h) The tender shall be valid for 180 days from the date of opening of the Technical bid (Cover – I).
- i) The tender document is part and parcel of the agreement.
- j) Conditional tenders are liable for rejection.
- k) The successful bidder shall give an undertaking that they would abide by the provisions of the Employees Provident Fund Act.
- l) The bidder shall obtain insurance coverage for all the workers deployed for this work.

- m) The bidder shall quote his rates inclusive of service tax, WCT and all other applicable taxes, levies, duties etc., as per the latest GoK and GoI prevailing as on the date of opening of technical bid (Cover – I). **The bidders shall furnish the declaration of method of payment of service tax vide Declaration – 3.**
- n) The bidder shall quote his rates inclusive of PF as per the applicable rate as issued by the PF department from time to time.
- o) KPCL shall recover the Income Tax, Work Contract Tax, VAT, building workers welfare cess, etc., at the prevailing applicable rates.
- p) The bidder should maintain register of workers deployed and wages paid for the workers and shall produce the documents whenever called for by the competent authority. Remittance towards PF shall be commensurate with the labour component of the work involved.
- q) Bidder should have independent PF code. The bidder shall remit PF of labourers to Contractor's permanent PF code number only.
- r) In case the dates notified above are declared as holiday, the immediate next working day will be reckoned.
- s) If the Bidder makes any alterations in the conditions of the contract or puts any condition of his own, such tenders are liable for rejection.
- t) Corrigendum / modification / corrections, if any, will be published in the web site only.

Further details of the work or any clarifications can be obtained during office hours from the office of the:

Chief Engineer(GSW),
Yelahanka Combined Cycle Power Plant,
S.N Halli Post,
Yelahanka, Bengaluru -560064,
Karnataka State
Telephone No.080-28562944
Email: cegsw@karnatakapower.com, cegswkpcl@gmail.com

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