



KPC GAS POWER CORPORATION LIMITED  
(A Government of Karnataka Enterprises)  
Chief Engineer (O&M) YCCPP, Bengaluru-64  
CIN: U40102KA1996SGC020337

**Notice Inviting Tender**  
**Abstract Bid Notification**

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

**No. KPCL/2022-23/PS/WORK\_INDENT12573**

**Date:30.06.2022**

KPC Gas Power Corporation Limited invites bids from the qualified bidders through GOK e-procurement platform for

**“Design, Engineering, Manufacturing, Quality Surveillance, Testing at Manufacturer’s Works, Packing, Supply, Delivery F.O.R Yelahanka Site, Erection, Testing, Commissioning and Conducting Performance Guarantee Tests With All Civil, Structural, Mechanical, Electrical, Control & Instrumentation Works Including One Year of Comprehensive Operation and Maintenance of 1.15MW<sub>AC</sub> Floating Solar PV Plant at Yelahanka Combined Cycle Power Plant (YCCPP) Raw Water Pond, Bengaluru”**

The details of NIT & brief bid notification and tender documents may be downloaded from Government of Karnataka e-procurement website <https://eproc.karnataka.gov.in> under login for Contractors.

**Further details can be had from :**

The Chief Engineer (O &M) YCCPP  
Yelahanka Combined Cycle Power Plant  
KPC Gas Power Corporation Ltd.,  
Near Ananthapura Gate,  
Doddaballapura Main Road, Yelahanka,  
Bengaluru - 560 064.

Mobile Nos.: +91 91416 07685/ 94806 82821

E-mail address: [cegswkpc@gmail.com](mailto:cegswkpc@gmail.com)/ [eegswsolar@gmail.com](mailto:eegswsolar@gmail.com)

Website: [www.karnatakapower.com](http://www.karnatakapower.com) & [www.eproc.karnataka.gov.in](http://www.eproc.karnataka.gov.in)

**Chief Engineer (O&M)YCCPP**  
**KGPCL, Bengaluru**



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**Notice Inviting Tender**

**Brief Bid Notification**

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No. KPCL/2022-23/PS/ WORK\_INDENT12573

Date:30.06.2022

- 1.0 KPC Gas Power Corporation Limited, Bengaluru invites tenders from eligible tenderers, for the work detailed in the Table below. The tenderers may submit tenders for work given in the table.

Sl. No.	Name of work	Earnest Money Deposit (Rs.)	Transaction fee (Rs.)	Period of completion
1	“Design, Engineering, Manufacturing, Quality Surveillance, Testing at Manufacturer’s Works, Packing, Supply, Delivery F.O.R Yelahanka Site, Erection, Testing, Commissioning & Conducting Performance Guarantee Tests With All Civil, Structural, Mechanical, Electrical, Control & Instrumentation Works Including One Year Of Comprehensive Operation And Maintenance of 1.15MW <sub>AC</sub> Floating Solar PV Plant at YCCPP Raw Water Pond, Bengaluru”	9,22,500/-	As in e-Procurement portal of GOK	6 Months

- 2.0 Pre-qualification criteria & bid documents may be downloaded from Government of Karnataka e-procurement website <https://eproc.karnataka.gov.in> under login for contractors.

- 3.0 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 Contractors who wish to participate should remit on line transaction fee for tender after registering in the portal. The transaction fee is non-refundable.

#### 4.0 BRIEF SCOPE OF WORK

**“Design, Engineering, Manufacturing, Quality Surveillance, Testing at Manufacturer’s Works, Packing, Supply, Delivery F.O.R Yelahanka Site, Erection, Testing, Commissioning and Conducting Performance Guarantee Tests With All Civil, Structural, Mechanical, Electrical, Control & Instrumentation Works Including One Year of Operation and Maintenance of 1.15MW<sub>AC</sub> Floating Solar PV Plant at Yelahanka Combined Cycle Power Plant (YCCPP) Raw Water Pond, Bengaluru”** on the basis of single point responsibility, completely covering the following activities and services in respect of all the equipment & works specified and covered under the specifications:

- a. Basic Engineering of the plant including preparation of Plant Definition Manuals;
- b. Detailed design of all the equipment and equipment system(s) including civil, structure steel works.
- c. Providing engineering drawings, equipment sizing & performance data, instruction manuals, as built drawings and other information;
- d. Construction of Solar Plant building of about 50 sq. mtrs. to house control & protection panels, inverters, SCADA system, office etc.,
- e. Compliance with statutory requirements and obtaining clearances like CEIG etc. from statutory authorities, wherever required.
- f. Complete manufacturing including shop testing/type testing:
- g. Cutting of existing shrubs and trees, disposal to the designated place for control room within the Site premises, Site levelling for control room as per plot plan is in Bidder’s scope.
- h. Complete Civil, Structural and Architectural works, providing construction material and equipment,
- i. Packing and transportation from the manufacturer’s works to the site including logistic studies, customs clearance & port clearance, port charges, if any.
- j. Receipt, storage, preservation, handling and conservation of equipment at the site;
- k. Power evacuation from floating solar plant to 6.6kV Switchgear for a distance of about 300 Mtrs by laying XLPE armoured aluminum cable through cable trays / underground as the case may be.
- l. Fabrication, pre-assembly, if any, erection, testing, commissioning and completion of facilities including putting into satisfactory operation all the equipment including successful completion of initial operation;
- m. Performance and guarantee tests after successful completion of initial operation;
- n. Furnishing of spares on FOR site basis.
- o. Insurance and other requirements for the complete EPC package in accordance with the provisions of general conditions of contract of the bidding document.

Note:- Floation Device Technology Provider: The bidder should propose name of the float technology provider with whom they expect to tie-up for supply of the floats. Bidder may propose any number of vendors (including bidders own design) along with their credentials as part of their technical bid. However, prior to signing of the contract agreement, the successful bidder shall finalise the float vendor with the approval of the Corporation.

The Contractor shall be responsible for providing all material, equipment and service, which are required to fulfill the intent of ensuring operability, maintainability, reliability and complete safety of the complete work covered under this specification, irrespective of whether it has been specifically listed herein or not.

Note: Scope of work given is only indicative. Detailed scope have been described in the bid document which is binding on the bidders. Any other item not covered herein but essential for successful installation and commissioning of the system and integration of the system for successful running of the plant to achieve the targeted generation shall be included and binding by the bidder.

## 5.0 EARNEST MONEY DEPOSIT (EMD)

- i. **EMD: Rs 9,22,500/-**. The e-payment shall be made for **Rs 1.00 lakh** (direct debit, credit card & National Electronic Fund Transfer (NEFT) or Over The Counter (OTC) only through ICICI Bank and remaining **Rs.8,22,500/-** either in the form of crossed demand draft in favour of KPC GAS POWER CORPORATION LIMITED, payable at Bengaluru or Bank Guarantee from a Nationalized/ Scheduled Bank on Rs. 200/- stamp paper as per the KGPCL format. The Bank Guarantee submitted towards EMD shall be valid for a period of 180 days from the schedule date of opening of the technical bid (Cover-I). In case, the validity of the Bid is required to be extended, the validity of the BG furnished towards EMD shall be extended up to 30 days beyond such extended bid validity period. The Bank guarantee shall be furnished in the prescribed format. Only on receipt of full EMD of **Rs.8,22,500/-** along with technical bid, Price bid will be opened and considered for evaluation.
- ii. The EMD furnished by the bidders will be forfeited in case the bidder withdraws the offer during the validity or violates any clause stipulated in the bid.
- iii. EMDs of unsuccessful bidders shall be refunded, subsequent to issue of LOI on successful bidder. The EMD will not carry any interest.

**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 bidders who wish to attend at the office of the Chief Engineer (O&M)YCCPP, KGPCL, # 3, Green Building, Second Floor, Palace Road, Bengaluru - 560 001. Opening of Cover-II shall be intimated later.

## 7.0 Calendar of Events:

a	NIT published date	30.06.2022
b	Last date for receipt of queries	07.07.2022 up to 15:00 Hrs
c	Date of Pre-bid meeting	08.07.2022 @ 11:00 Hrs
d	Date of furnishing clarifications to queries	12.07.2022 @ 15.00 Hrs
e	Last date and time for submission of Tender	30.07.2022 @ 17.00 Hrs
f	Date and time for opening of Technical Bid	01.08.2022 @ 11.00 Hrs
g	Date and time for opening of Financial Bid	02.08.2022 @ 12:00 Hrs

**Note:** If a Govt. Holiday is declared on any of the above mentioned dates, next working day shall be considered. After evaluation of Pre-Qualification Bid (Cover-I), Price Bids (Cover-II) of Pre-qualified Bidders will be opened.

## 8.0 Eligibility Criteria:

- 8.1 The intending bidder shall satisfy the pre-qualification requirements as stipulated below:
- i. Bidder should have successfully commissioned at least 1 similar work of establishment of 500kW AC or above capacity FSPV plant in India & the same shall be in satisfactory operation for a minimum period of three months during the preceding 2 years, from the date of issue of NIT, with total Order value not less than **Rs.3.40 Crores** (single order).
  - ii. Bidder during the last five financial year period shall have achieved minimum annual turnover of **Rs.13.55 Crores** for at least two financial years. As proof of the above, the audited balance sheet counter signed by Chartered accountant shall be furnished.
  - iii. The intending bidders shall not have been subject to forfeiture of EMD/foreclosure / termination of their Contract in KPCL/KGPCL or Government or any other utility or shall not have been blacklisted for participating in tender by KPCL/KGPCL or Government or any other utility in India during the past three years. Bidder shall furnish the notarized declaration in this regard as specified in Schedule.
  - iv. The commercial terms shall be as per KGPCL norms
- 8.2 The intending bidder shall have the Income tax PAN, GST Registration. Copies shall be uploaded as documentary proof.
- 8.3 The intending bidder shall compulsorily visit the site to understand the system before submitting the bids.

## 9.0 The tender is of two cover system.

The Bidder should upload scanned copies of the following documents:

### A. COVER-I (Technical Bid)

- a) Documents to meet the qualification criteria specified in NIT.
- b) Details of the Commercial terms & conditions, all the schedules specified in bid documents pertaining to commercial terms & conditions.
- c) All the technical details etc., of the technical offer along with all the technical particulars.

### B. COVER-II (Price Bid)

Price schedule only (Price Bid).

## 10.0 SECURITY DEPOSIT :

The successful bidder shall to submit the security deposit of 5% in the form of BG which will not carry any interest towards the EPC cost valid for the period of two years from the date of Commissioning of the plant.

For the Operation & maintenance of the plant, performance guarantee of 5% of the O&M cost in the form of BG shall be submitted before commencement of O&M of plant with a validity of 18 months.

## **11.0 GENERAL CONDITIONS:**

- i. KGPCL Invites tender for establishing 1.15MW<sub>AC</sub> Floating Solar PV Plant
- ii. Project implementation period: 06 months from the date of LOA for the entire scope of work as specified.
- iii. Duration of O & M Contract period: 01 Year.
- iv. Earnest Money Deposit(EMD): Rs.9,22,500/-
- v. Available water surface area : 6 Acres
- vi. Power Generated from plant to be evacuated at 6.6kV Voltage level. The cable length required from floating solar plant to 6.6kV switchgear is about 300mtrs.
- vii. The power generated from the floating solar plant shall be utilized for auxiliary consumption of the YCCP plant.

### **viii. Responsibility of KGPCL:**

- Providing of 6.6 KV spare feeder at termination point in the plant premises.
- Water requirement for the project.
- KGPCL shall provide construction power on free of cost basis. Any supply failure due to grid disturbances, the contractor shall not claim any compensation. During such period, contractor shall make alternative arrangement for power supply. However, the contractor shall make arrangements to draw the construction power supply from the nearest source available within the plant premises.

### **ix. Responsibility of Bidder:**

- Design, Engineering, manufacture, Inspection, Testing of performance at works, Supply of all the materials at Ex-works for floating solar plant including associated civil, electrical, mechanical and C&I works and mandatory spares etc. Operate and maintain the plant.
- CUF : 25.95% or above
- AC to DC ratio : 1:1.4(Min)
- Comprehensive Operation and Maintenance of the plant for One year after COD.
- Applicable environmental norms of GoI and GoK should be adhered.
- Obtaining of all required Statutory clearances like Labour license, CEIG clearance, any other clearances as mandated by GoK/ GoI from respective Departments is in Bidder's scope. KGPCL will assist for obtaining approvals.
- While executing the work, accident prevention shall be essential part of the programme of the bidder. All safety precautions are to be taken to prevent any accident leading to damages to KGPCL property/ equipment and temporary/ permanent injury to workers.

**12.0** Bidder shall not be under declaration of ineligibility for corrupt & fraudulent practices issued by the Government of Karnataka.

- 13.0** The agency whose contract has been cancelled or fore-closed by KPCL/KGPCL or by any Govt. organization in the last 3 years due to un-satisfactory performance are not eligible for participating in this tender. To this effect a declaration is to be made by the bidders.
- 14.0** The agency who receives the Work Orders from KPCL/KGPCL and thereafter if Work is not executed / not satisfactorily executed by them due to any reasons mentioned thereafter are not eligible for applying/participating in this tender.
- 15.0** 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 even if it is accepted by the e-portal. 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.
- 16.0** 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.
- 17.0** Rates shall be quoted in price schedule i.e. Price bid, in the e-procurement portal only. The bidder should not upload financial bid document separately in e-portal. If uploaded, the bidders are liable for rejection.
- 18.0** The bidder shall quote his rates inclusive of GST & other charges, PF, ESI as per the applicable rates as issued by the concerned departments from time to time.
- 19.0** KGPCL shall recover the Income Tax, GST etc., at the prevailing applicable rates.
- 20.0** Price bid of bidders who have furnished all the documents to meet the qualification criteria, technically & commercially responsive will only be opened.
- 21.0** The tender shall be valid for 180 days from the date of opening of 'Cover-I' of the bid.
- 22.0** The tender document is part and parcel of the agreement.
- 23.0** The bidders should furnish a scanned copy the latest Income Tax returns.
- 24.0** KGPCL reserves the right to verify any information/documents furnished by the bidder. In case the information or the documents furnished are found to be incorrect/false or invalid then the tender stands for rejection.
- 25.0** Corporation reserves the Right to reject any or all the tenders without assigning any reasons. However, in all cases KTPP act shall be followed.
- 26.0** KTPP act shall be followed in all cases.
- 27.0** Any bidder from a country which shares a land with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. Declaration regarding Restriction on Public Procurement from bidders of certain Countries to be uploaded as specified in the Schedule.
- 28.0** Any other information required may be obtained from the office of the undersigned during office hours.

- 29.0** 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>).
- 30.0** 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 91-8046010000 +91-8068948777

**Chief Engineer (O&M)YCCPP  
KGPCL, Bengaluru**