



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/Call-3

Date:14.02.2023

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_{AC} 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: cegswkpcl@gmail.com/ eeegswsolar@gmail.com
Website:www.kpcl.karnataka.gov.in & www.eproc.karnataka.gov.in.

Chief Engineer (O&M)YCCPP
KGPCL, Bengaluru

Cc : The secretary, (tender bulletin officer) Energy department Room No. 712, Gate No. 02, 7th Floor, MS Building, Bangalore- 560 001 – for kind information.

: The District Bulletin Officer, Deputy Commissioner Office, Bengaluru - for kind information.

Cc : MD–for kind information.

: TD/FD –for kind information.

: DGM(CC) – for kind information- with a request to publish the Abstract bid notification in any one of leading newspaper of all India publication, English version for one day.

: SE(M)Y/SE(E)Y – for information.

: EE(Solar) – for information

: AGM(F)Y - for information

: Notice Board, M/f, O/c



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Date:14.02.2023

- 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 _{AC} Floating Solar PV Plant at YCCPP Raw Water Pond, Bengaluru”	3,00,000/-	As in e-Procurement portal of GOK	9 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 comprehensive Operation and Maintenance of 1.15MW_{AC} 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:- Floatation 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.3,00,000/-.** The e-payment shall be made for **Rs 3.00 lakh** (direct debit, credit card & National Electronic Fund Transfer (NEFT) or Over The Counter (OTC) only through ICICI Bank in e-procurement portal.
- 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	14.02.2023
b	Last date for receipt of queries	17.02.2023 upto 15:00 Hrs
c	Date of Pre-bid meeting	20.02.2023 @ 11:00 Hrs
d	Date of furnishing clarifications to queries	22.02.2023 @ 17:00 Hrs
e	Last date and time for submission of Tender	02.03.2023 @ 16:00 Hrs
f	Date and time for opening of Technical Bid	03.03.2023 @ 17:00 Hrs
g	Date and time for opening of Financial Bid	04.03.2023 @ 11:00 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 Floating Solar PV 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).

Consortium/associate is allowed and limited to 2 (two) Constituents only, including the Lead Bidder such that atleast one partner shall have the work experience as

prescribed above. As a proof of this supporting documents (work order & performance certificate) shall be submitted.

In case of consortium, the Bidder shall furnish Consortium Agreement executed with collaborator & Power of Attorney for Consortium along with Techno- commercial Bid. In which the executants of Consortium shall be jointly and severally liable to the corporation for successful performance of contract.

Consortium Agreement shall be as per Annexure-3 & Proforma of Power of Attorney for Consortium shall be as per Annexure-4.

- 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 certified by Chartered accountant shall be furnished.

Consortium/associate is allowed and limited to 2 (two) Constituents only, including the Lead Bidder. Financial requirement prescribed above shall be met by any of the Consortium partner or jointly by all the partners of the consortium subject to condition that each Consortium Partner shall meet minimum 50% of the Average Turnover as prescribed above.

- 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. All Annexures & Schedules specified in the bid document.
- 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 submit the security deposit of 3% 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 3% 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_{AC} Floating Solar PV Plant
- ii. Project implementation period: 09 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.3,00,000/-
- 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**