



**राजीव गांधी पेट्रोलियम प्रौद्योगिकी संस्थान, जायस, अमेठी-229304
उत्तर प्रदेश, भारत**

**RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY,
JAIS, AMETHI- 229304
UTTAR PRADESH, INDIA**

e-TENDER NOTICE

For

**“SUPPLY & INSTALLATION OF PRESSURE BOOSTER
HYDROPNEUMATIC OUTGOING PUMP FOR PROPER WATER
SUPPLY AT RGIPT JAIS CAMPUS”**

Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, Amethi, Uttar Pradesh has been established through an Act of the Parliament by the Ministry of Petroleum and Natural Gas (MoPNG), Government of India in 2008.

The Institute has been accorded the eminence of being an Institution of National Importance on the lines of the IITs. The Institute is associating with leading International Universities/ Institutions specializing in Petroleum Technology and Energy.

**The Institute invites online bids for the “SUPPLY & INSTALLATION OF PRESSURE BOOSTER
HYDROPNEUMATIC OUTGOING PUMP FOR PROPER WATER SUPPLY AT RGIPT JAIS
CAMPUS”**

CRITICAL DATE AND INFORMATION

Name of Work	"SUPPLY & INSTALLATION OF PRESSURE BOOSTER HYDROPNEUMATIC OUTGOING PUMP FOR PROPER WATER SUPPLY AT RGIPT JAIS CAMPUS"
Tender No.	RGIPT/PRESSURE BOOSTER PUMP/01/2025 dated 10.09.2025
Tender Mode & Type	Online, under Composite Bid System (Technical + Financial Bid)
Date of Issue/publication of Tender Notice	10 September 2025, 1600 Hrs
Bid Document Download Date & Time	10 September 2025, 1600 Hrs
Pre-Bid Meeting Date, Time & Venue (Allqueries shall be discussed in the Pre- Bid Meeting.)	22 September 2025, 03:00 PM. IWD Office, Ground Floor of Hostel 'E' Block, RGIPT Jais, Amethi - 229304
Bid Submission Start Date & Time	10 September 2025, 1600 Hrs
Last Date and time of submission of Bids	30 September 2025, 1600 Hrs
Date and time of opening of Bids	1 October 2025, 1500 Hrs
Clarification Start Date	10 September 2025, 1600 Hrs
Clarification End Date	30 September 2025, 1500 Hrs
Earnest Money Deposit	Rs, 15,000/- (Rupees Fifteen Thousand Only), EMD shall be exempted for MSE (Micro and small Enterprises) and start ups as per the latest government guidelines
Bid Validity Period	120 days from the date of opening
Bid Address to the	The Chairman, Institute Electricity Committee, Rajiv Gandhi Institute of Petroleum Technology, Mubarakpur, Mukhetia, Bahadurpur Post: Harbanshganj, Jais, Amethi - 229304
Contact person & address for communication	Name: Shri Harish Kumar Yadav, Executive Engineer, Rajiv Gandhi Institute of PetroleumTechnology, Email: executive_engineer@rgipt.ac.in Contact Nos. +91-9565993399/ +91-9794752066

Notes:

1. Details regarding the tender are available on website of the Institute <https://www.rgipt.ac.in> and **CPP Portal**.
2. Tender document may be downloaded from above mentioned websites. Bidders are therefore, requested to visit the websites regularly to keep themselves updated. Any Addendum/Corrigendum will be displayed on the aforesaid websites only.
3. For submission of e-Bids, bidders are required to get themselves registered with CPP Portal.
4. Payment proof pertaining to EMD (in case of payment of EMD through NEFT/RTGS transaction, copy of the same is required to be enclosed with the bid document) to be sent to the Institute at the address indicated below on or before bid opening date/time as mentioned in critical date sheet.
5. Tender documents received in incomplete shape or beyond the stipulated period shall not be entertained under any circumstances. The authority reserves the right to accept or reject any or all tenders without assigning any reason thereof.
6. Earnest Money Deposit (EMD) of **Rs.15,000/-** (Rupees Fifteen Thousand Only) (if required) in the form of NEFT/Demand Draft, Fixed Deposit Receipt issued by any Nationalized Bank in favour of **“Rajiv Gandhi Institute of Petroleum Technology, payable at Jais”**.

Bank Account Details of the Institute:

Name: Rajiv Gandhi Institute of Petroleum Technology

Bank: Bank of Baroda

Address: RGIPT Campus, Bahadurpur Jais, Amethi.

Account No. 59480100000001

IFSC Code: BARB0JAICAM (5th Character is ZERO)

ADDRESS OF THE INSTITUTE:

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, Mubarakpur, Mukhtia More, Bahadurpur, Post: Harbanshganj, Jais, Amethi, Uttar Pradesh 229304, Website: www.rgipt.ac.in

INTRODUCTION

Rajiv Gandhi Institute of Petroleum Technology (RGPT), Jais, Amethi, Uttar Pradesh has been established through an Act of the Parliament by the Ministry of Petroleum and Natural Gas (MoPNG), Government of India in 2008.

The Institute has been accorded the eminence of being an Institution of National Importance on the lines of the IITs. The Institute is associating with leading International Universities/ Institutions specializing in Petroleum Technology and Energy.

The prime objective of the Institute is to provide education, training, and research to roll out efficient human resources, and to meet the growing requirements of the Petroleum and Energy sector.

The main campus of the Institute is located at Jais, Amethi, Uttar Pradesh and B. Tech., M. Tech., MBA and Ph.D. programmes from there. The Institute has set two centres, namely- Assam Energy Institute (AEI), Sivasagar and Energy Institute, Bengaluru (EIB) to offer Diploma and M. Tech. programmes respectively.

INSTRUCTIONS FOR ONLINE BID SUBMISSION (GUIDELINE FOR BIDDER):

The bidders are required to submit soft copies of their bids electronically on the CPP Portal using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:
<http://eprocure.gov.in/eprocure/app>.

1. Registration

- (a) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://eprocure.gov.in/eprocure/app> by clicking on the link "Online bidder Enrollment" on the CPP Portal which is free of charge.
- (b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- (c) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- (d) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sift/ nCode / eMudhra etc.), with their profile.
- (e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- (f) Bidder then logs in to the site through the secured log-in by entering their userID/Password and the password of the DSC/ e-Token.

2. Searching for Tender Documents

- (a) There is various search option built in the CPP Portal, to facilities bidders to search active tenders by several parameters. These parameters could include TenderID, Organization Name, location, Date Value, etc. there is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- (b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'my Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/e-mail in case there is any corrigendum issued to the tender document.
- (c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

3. Preparation of Bids

- (a) Bidder should consider any corrigendum published on the tender document before submitted their bids.
- (b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents must be submitted, the number of documents-including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- (c) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule any generally, they can be in PDF/XLS/RAR/DWF/JPG formats. Bid document may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- (d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificate etc.) has been provided to the bidders. Bidders can use "My space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My space" area while submitting a bid, and need not be upload again and again. This will lead to a reduction in the time required for bid submission process.

4. Submission of Bids

- (a) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- (b) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- (c) Bidders are required to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a

standard BOQ format with the tender document, then the same is to be download and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- (d) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders; opening of bids etc. the bidders should follow this time during bid submission.
- (e) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- (f) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- (g) Upon the successful and timely submission of bids (i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- (h) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid, this acknowledgement may be used as an entry pass for any bid opening meetings.

5. Assistance to Bidders

- (a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- (b) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24X7 CPP Portal Helpdesk.

LIST OF DOCUMENTS TO BE UPLOADED

1. Bidder should take into account notifications, corrigendum published, if any on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Any deviations from these may lead to rejection of the bid.
3. The composite bid system will be followed for this tender.

“Online Bid” shall contain (Pdf format only)

Sl. No.	Details of Documents	Documents to beUploaded	File Format
1.	The EMD of Rs.15,000/- (Rupees Twenty One Thousand Only) in the form of NEFT/Demand Draft, Fixed Deposit Receipt issued by any Nationalized Bank in favour of “ Rajiv Gandhi Institute of Petroleum Technology, payable at Jais ”. Bank Account Details of the Institute: Name: Rajiv Gandhi Institute of PetroleumTechnology Bank: Bank of Baroda Address: RGIPT Campus, Bahadurpur Jais,Amethi. Account No. 59480100000001 IFSC Code: BARB0JAICAM (5th Character is ZERO)	Payment Receipt (In case of EMD is required to be submitted by the bidder in the form of Demand Draft and FDR, original of the said instrument is needs to be submitted to the Office of Chairman, Institute Electricity Committee , Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi before last date of the opening of bid)	.pdf
2.	Copy of PAN Card & GST No.	Upload – Self Attested Copy of PAN Card & GST No.	.pdf
3.	Copy of Bank Mandate Form / Cancelled Cheque	Upload – Self Attested Copy of Bank Mandate Form / Cancelled Cheque	.pdf
4.	Entire Tender Document duly signed & stamped by the bidder	Upload – Entire Tender Document duly signed & stamped	.pdf
5.	Duly Filled and Stamped “No Conviction Certificate” (Annexure 1)	Upload – Duly filled ‘No Conviction Certificate (Annexure – 1)’	.pdf

RGIPT, Jais, Amethi reserves the right to reject the bid if any of the above listed document/s is not submitted.

INSTRUCTIONS TO BIDDERS

1. Online e-Tender on Item Rate (Unit Rate) basis are hereby invited under the heading “SUPPLY & INSTALLATION OF PRESSURE BOOSTER HYDROPNEUMATIC OUTGOING PUMP FOR PROPER WATER SUPPLY AT RGIPT JAIS CAMPUS”.
The Bid should contain all the relevant information and desired enclosures in the prescribed format along with Earnest Money Deposit (EMD) if required.
2. The total time for carrying out the work will be 45 days. The date of commencement shall be reckoned from the date of acceptance of award letter/ work order.
3. The Earnest Money Deposit (EMD) amounting to Rs.15,000/- (Rupees Fifteen Thousand Only) in the form of NEFT/ FDR/ Demand Draft in favour of ‘**Rajiv Gandhi Institute of Petroleum Technology**’ payable at ‘**Jais**’. Tender received without EMD will be invalid and rejected. EMD shall be exempted for MSE (Micro and small Enterprises) and start ups as per the latest government guidelines.
4. The EMD may be forfeited:
 - a) If the bidder withdraws the bid after bid opening during the period of validity.
 - b) Any unilateral revision in the offer made by the tenderer during the validity of the offer.
 - c) Upon non-acceptance of work order/award letter, if and when placed.
 - d) If any bidder furnishes any incorrect or false, statement/ information/document.
5. The bid security (EMD) shall be returned to the unsuccessful bidders after finalization of tender without any interest.
6. The Institute does not bind himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates as quoted.
7. Canvassing in connection with the tenders is prohibited and the tenders submitted by the bidder who resort to canvassing are liable for rejection.
8. Tender submitted shall remain valid for 120 days from the date of opening of tender.
9. Before tendering, the tenderer shall inspect the sites to fully acquaint himself about the condition regarding accessibility of site, nature, and extent of ground working condition of site and locally including stacking of materials, installation of tools and plants (T & P) etc. conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Institute in any circumstances.

10. **The clarification, if required may be obtained from the office of Executive Engineer, RGIPT on any working day (Monday to Friday) between 11:00 Hrs. to 16:00 Hrs. from 10.09.2025 to 30.09.2025 on +91-9565993399/ +91-9794752066.**
11. RGIPT, Jais, Amethi reserve the right to accept or reject all or any bid/quotation without assigning any reason thereof.

GENERAL TERMS & CONDITIONS

1) INTERPRETATION

WORK OR WORKS:

Shall mean all work or works define in schedule of quantities, specifications and such other work or works as the contractor may be entrusted with for carrying out under this contract.

INSTITUTE:

Shall mean Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi.

ENGINEER:

Shall mean the Engineer designated by the Institute to superintend and perform other duties as indicated in the contract.

CONTRACTOR:

Shall mean the individual or firm or company, whether incorporated or not undertaking the work and shall include the legal personal representative or such individual or the persons composing such firms or company or the Successor of such firm or company and the permitted assignees of such individual or firm(s) or Company.

SITE:

Shall mean the Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi.

2) Eligibility Criteria:

To qualify in the Bid the firm should have the minimum eligibility criteria; the firm in this regard should submit the following documents-

- a) The bidder should be an Indian Registered Company under Companies Act 1956/ Proprietorship / Firm / Company of any of these. Copy of Certificate of Incorporation / Registration or any other relevant document, as applicable, should be submitted along with a copy of address proof Copy of constitution or legal status of the sole proprietorship / firm / company etc.
- b) The bid should be accompanied by EMD for bid security of the amount.
- c) Duly filed **Annexure – 1** (No Conviction Certificate).
- d) Copy of PAN Card.
- e) Copy of GSTIN registration certificate.
- f) Copy of Bank Account details
- g) **Entire NIT duly signed & stamped by the bidder.**

- 3) Bidder is required to quote his item rates in the BOQ as attached in the tender document (Financial Bid). The rates/price quoted by contractor should be inclusive all material cost, labour, plant/machinery/tools & tackles, ladders & scaffolding required for work, freight, Insurance, Govt. duties & levies, transport/cartage of materials/labour and all other

expenses not specifically mentioned but reasonably implied. No extra charges will be paid to the contractor over and above these rates. **Applicable GST rate will be added extra on overall value of contract.** It is mandatory for bidder to quote all items rate as asked for in the BOQ/ PRICE schedule.

4) SECURITY DEPOSIT (PERFORMANCE SECURITY):

4.1 The contractor shall be required to deposit an amount equal to 5% of the contract value as security deposit through Demand Draft in favor of “Rajiv Gandhi Institute of Petroleum Technology” payable at “Jais” within 7 days from the date of issuance of Work Order.

4.2 Security deposit shall be released to the contractor without interest after completion of all contractual obligations of the work based on ‘Completion Certificate’ issued by the competent authority and on submission of No Claim Certificate (**Attached as Annexure - 2**) by the Contractor. The security deposit shall be valid for a period of 60 (Sixty) days beyond the period of Defect Liability Period (DLP) and Warranty Period. If required, the EMD can be converted into security deposit after submission of written application and submission of balance amount by Demand Draft.

4.3 In case of termination of contract, the security deposit shall be forfeited.

5) DEFECT LIABILITY / WARRANTY PERIOD:

The defect Liability and Warranty Period shall be 12 (Twelve) Months from the date of completion of all contractual obligations of the work based on ‘Completion Certificate’ issued by the competent authority.

6) PRICE VARIATION:

No escalation over and above items rates quoted by the bidder shall be paid during the execution of contract.

7) COMPLETION TIME:

The total time for carrying out the work will be 45 days. The date of commencement shall be reckoned from the date of acceptance of award letter/work order. Time is the essence of the contract.

8) EXTENSION OF TIME:

If the contractor desires for extension of time in respect of completion of work, on the grounds of his having been unavoidably hindered in its execution or any other ground, he shall apply in writing to the Chairman-Institute Electricity Committee, on account of which he desires extension, as aforesaid, and the Chairman- Institute Electricity Committee shall, in his opinion (which shall be final) reasonable grounds shown therefore, authorize such extension of time if any, which may in his opinion be necessary or proper.

9) PAYMENT TERMS & CONDITIONS:

9.1 RGIPT will not pay any mobilization advance for the work.

9.2 Payment will be paid on the basis of the actual work done, measured and approved by RGIPT upon satisfactory completion of the whole work.

10) LIQUIDATED DAMAGES: In case of delay in completion of the work, the contractor shall pay liquidated damages an amount equal to 0.5% of the contract value per week of delay

subject to a maximum of 10% of contract value.

- 11) If any extra or substituted item appears in the work, contractor shall submit its rate analysis supported with documents which shall be approved by RGIPT. If required, RGIPT can make its own analysis based on CPWD DSR (Delhi Schedule of Rates) document of CPWD or based on market rates for determining item rate.
- 12) The quantities mentioned in the tender are approximate. The payment shall be made on the basis of actual work executed. Variation in the quantities, if any, shall not vitiate the contract.
- 13) The contractor shall normally have to make his own arrangement for storage of materials and staying of labours. No request for accommodation of labours within the campus will be entertained under any circumstances. However, at request of contractor, a room shall be allotted for storing of materials, within the campus, depending upon the availability.
- 14) Samples of all materials and other articles required for use on the work shall be got approved from Engineer-in-Charge, RGIPT before the starting of work.
- 15) All material and article brought by the contractor to the site of work for use shall conform to the samples approved. Final decision to reject any material shall rest with the RGIPT.
- 16) Makes of various materials to be used by contractor will be according to the list of preferred makes given. No other makes will be used by the contractor. In case any material/ product does not available in the market, alternate product as per decision and approval of Engineer-in-Charge shall be used.
- 17) Contractor will arrange proper ladders and staging (for working at higher levels) at his own cost and will take all safety measures like safety belts, extra labour to hold ladders/staging etc. If it is observed that work is proceeding without adequate safety precautions, work may be stopped by Engineer-In-Charge and in such cases, contractor will be solely responsible for delay and its consequences thereof.
- 18) Detailed technical specification for miscellaneous civil work at RGIPT campus with respect to materials & workmanship and mode of measurements will be as per IS (Indian Standard) codes and CPWD (Central Public Works Department) specifications, unless mentioned otherwise.

19) LABOUR LAWS:

The contractor will abide by all the rules and regulations related to labour laws, accident, workmen compensation act, workmen insurance etc. This will be the sole responsibility of the contractor. RGIPT will not be a party at any stage in any of the disputes relating to the above. In case, RGIPT has to bear any expenditure due to non-conformance of the above provisions by the contractor, the same will be recovered from contractor's bills.

- 20) The contractor shall depute competent Engineer / Supervisor for day-to-day supervision, coordination, liaison and other works etc. The representative of the Contractor shall attend regular / required meetings to expedite the works and sort out difficulties, if any. The contractor is responsible for progress of works and for hurdles, if any, in the progress of works, attributable to the contractor.

- 21) Contractor will take due permission for entry of all his workmen in RGIPT. No unauthorized person will be allowed to work inside.
- 22) The contractor will provide for all necessary materials, tools, equipment, access ladders & scaffolding, measuring instruments and working consumables etc. needed for execution of the works. Safe custody of all such material will be contractor's sole responsibility. No extra charges will be paid for the same. Watch and Ward of all material till the system is taken over by RGIPT shall be the sole responsibility of the contractor and pilferage etc. shall be entirely to his account.
- 23) During execution of work, the contractor should follow all standard norms of safety measures/precautions as per relevant IS codes and CPWD specifications to avoid accidents/damages to man, machines, and buildings, at his own cost. Contractor will have his own arrangement to escort the labour to the nearest hospital for treatment in case any injury happens to any worker during execution of work.
- 24) No material belonging to the contractor whether consumable or non-consumable should be brought inside the RGIPT campus without proper entry at the Main Gate nor any material should be taken out without proper gate pass issued by the authorized representatives of the RGIPT.
- 25) During execution of the work, contractor should dispose off waste material on regular basis and should keep the area of work properly cordoned off and neat and clean as far as possible. After completion of work, contractor should clear the site completely of all unwanted and junk material before submitting his final bill.
- 26) RGIPT will provide free water and electricity during execution of work at one point. The contractor has to make his own arrangements for supplying power and water from that point onwards as per his requirements.

27) FORCE MAJEURE:

Conditions beyond control of either parties like war, hostility, acts of public enemy, civil commotion, sabotage, serious loss or damage by fire, explosions, epidemics, strikes, lockouts or acts of God come under the legal concept of Force Majeure (FM). Delays in performance of contractual obligations under influence of FM conditions are condonable by the other party without any right to termination or damages, provided, notice of the happening of any such event is given by the affected party to the other within 7 (seven) days from the date of occurrence. Works under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. However, if such event continues for a period exceeding 90 days, either party may at its option terminate the contract by giving notice to the other party.

28) ARBITRATION:

All disputes or differences whatsoever arising among the parties under and/or in connection with and/or in respect of this tender shall be referred to and decided by a sole arbitrator, who shall be appointed by the Competent Authority, RGIPT. The arbitration shall be conducted in accordance with Arbitration and Conciliation Act of 1996, along with its relevant amendments and the venue of the arbitration shall be in RGIPT, Jais, Amethi. The proceedings of arbitration shall be in English language.


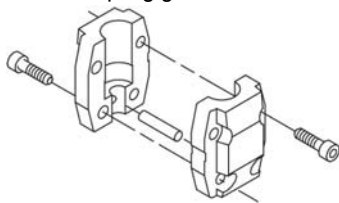
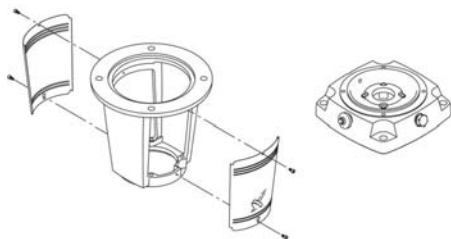
SCOPE AND SPECIFICATION OF WORK

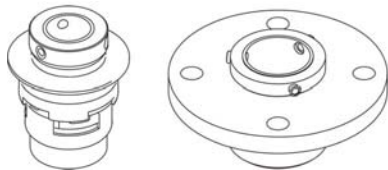
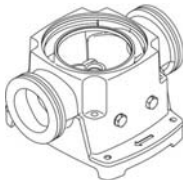
Scope of work will consist of “SUPPLY & INSTALLATION OF PRESSURE BOOSTER HYDROPNEUMATIC OUTGOING PUMP FOR PROPER WATER SUPPLY AT RGIPT JAIS CAMPUS” as per following details:

Sl. No.	Item / Work Description	Unit	Qty.
1.01	<p><u>Supply, installation, testing and commissioning of 7.5 kW, 3 phase, 415V, Pressure Booster Pump assembly compatible with the existing Grundfos make pump (Model : CR 32-4-2) and control panel (VFD controlled for auto/manual operation) with motor, fittings and accessories complete in all respect (excluding control panel) as per the following details:</u></p> <p>Make: Grundfos (Model: CR 32-4-2)</p> <ol style="list-style-type: none"> 1. Application: Pressure Booster Pump 2. MOC: Casing - CI & Impeller- SS 3. Flow: 30 m3h 4. Head: 52 M 5. Motor Power : 7.5 kW 6. RPM: 2900 7. Delivery: 65mm 8. Scope of Work: Supply, installation, testing and commissioning of pump with motor on the existing base and it's connection with the existing outgoing line (only). 9. Parallel Operation with the existing system: Supplied pump assembly should be able to work in parallel operation with the existing Grundfos make pumps and it's control panel for it's operation in Auto/ Manual mode. Details of the existing Grundfos make product is attached and offered product should have similar characteristics for parallel operation with the existing system and functioning of pump in Auto/ Manual mode. 10. Warranty Period: 1 Year from the date of installation 	Nos.	2

Technical Details of the Required Pump

(Details of the Existing Pump for the required parallel operation)

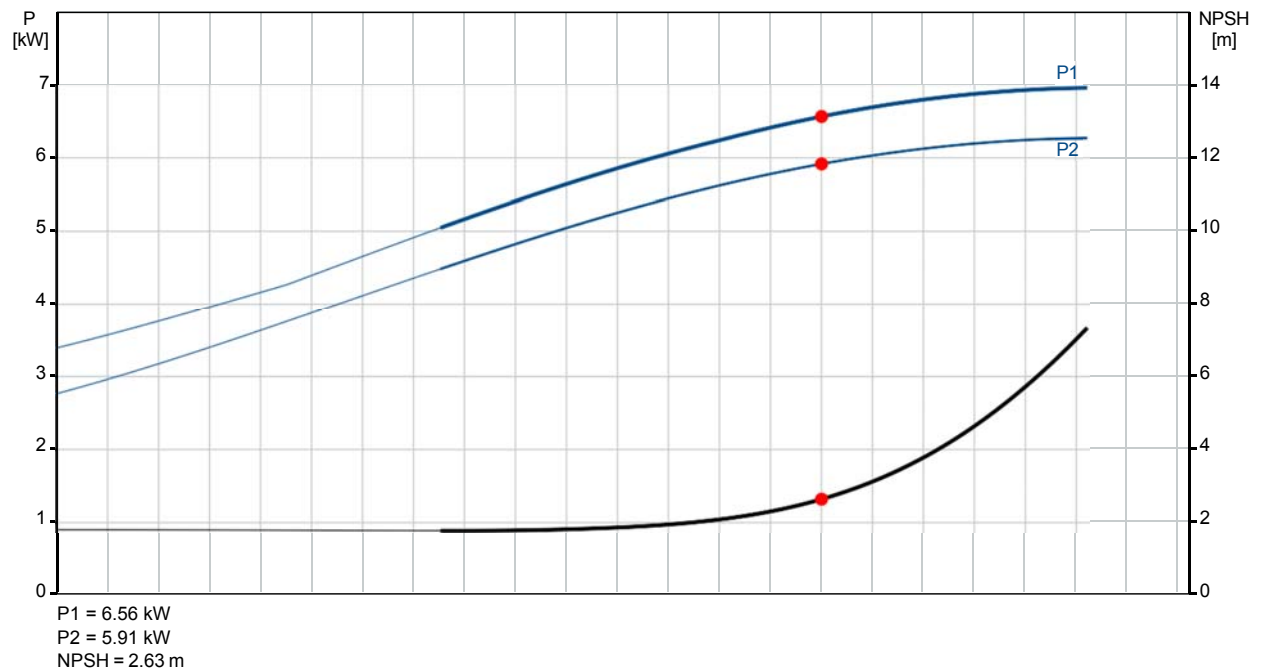
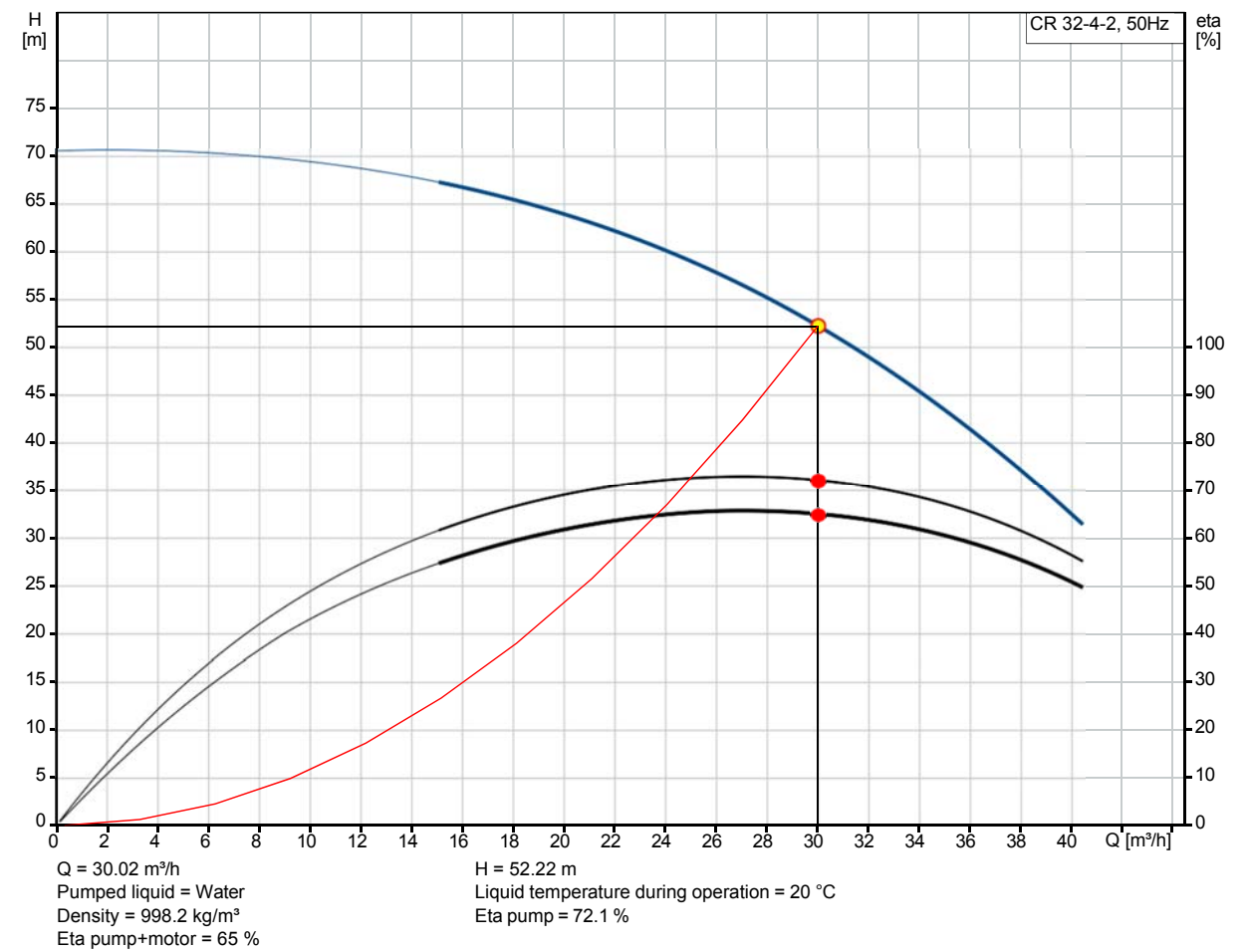
Qty.	Description
1	<p>CR 32-4-2 A-F-A-E-HQQE</p>  <p style="text-align: center;">Note! Product picture may differ from actual product</p> <p>Product No.: On request</p> <p>Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via DIN flanges.</p> <p>The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p>Further product details</p> <p>Steel, cast iron and aluminium components have an epoxy-based coating made in a cathodic electro-deposition (CED) process.</p> <p>CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface.</p> <p>An integral part of the process is a pretreatment.</p> <p>The entire process consists of these elements:</p> <ol style="list-style-type: none"> 1) Alkaline-based cleaning. 2) Zinc phosphating. 3) Cathodic electro-deposition. 4) Curing to a dry film thickness 18-22 my m. <p>The colour code for the finished product is NCS 9000/RAL 9005.</p> <p>Pump</p> <p>A standard split coupling connects the pump and motor shaft. It is enclosed in the pump head/motor stool by means of two coupling guards.</p>  <p>The motor stool connects the pump head and motor. The pump head has a combined 1/2" priming plug and vent screw.</p>  <p>The pump is fitted with a balanced O-ring seal unit with a rigid torque-transmission system.</p>

Qty.	Description
1	<p>This seal type is assembled in a cartridge unit which makes replacement safe and easy. Due to the balancing, this seal type is suitable for high-pressure applications. The cartridge construction also protects the pump shaft from possible wear from a dynamic O-ring between pump shaft and shaft seal.</p> <p>Seal faces:</p> <ul style="list-style-type: none"> • Rotating seal ring material: silicon carbide (SiC) • Stationary seat material: silicon carbide (SiC) <p>This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.</p> <p>Secondary seal material: EPDM (ethylene-propylene rubber)</p> <p>EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.</p>  <p>The shaft seal is retained in the pump head by a cover and screws. It can be replaced without removing the motor.</p> <p>The chambers and impellers are made of stainless-steel sheet. The chambers are provided with a PTFE neck ring offering improved sealing and high efficiency. The impellers have smooth surfaces, and the shape of the blades ensure a high efficiency.</p> <p>The base is made of cast iron. Both the inlet and the outlet side of the base have two pressure gauge tappings. The pump is secured to the foundation by four bolts through the base plate. The flanges are fastened to the base by means of locking rings.</p>  <p>Motor</p> <p>The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. The motor is flange-mounted with free-hole flange (FF).</p> <p>Motor-mounting designation in accordance with IEC 60034-7: IM B 5 (Code I) / IM 3001 (Code II).</p> <p>Electrical tolerances comply with IEC 60034.</p> <p>The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1.</p> <p>The motor has thermistors (PTC sensors) in the windings in accordance with DIN 44081/DIN 44082. The protection reacts to both slow- and quick-rising temperatures, e.g. constant overload and stalled conditions.</p> <p>Thermal switches must be connected to an external control circuit in a way which ensures that the automatic reset cannot cause accidents. The motors must be connected to a motor-protective circuit breaker according to local regulations.</p> <p>The motor can be connected to a variable speed drive for adjustment of pump performance to any duty point. Grundfos CUE offers a range of variable speed drives. Please find more information in Grundfos Product Center.</p> <p>Technical data</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: -30 .. 120 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Density: 998.2 kg/m³</p> <p>Technical:</p>

Qty.	Description
1	<p>Pump speed on which pump data are based: 2919 rpm</p> <p>Actual calculated flow: 30.02 m³/h</p> <p>Resulting head of the pump: 52.22 m</p> <p>Pump orientation: Vertical</p> <p>Shaft seal arrangement: Single</p> <p>Primary shaft seal: HQQE</p> <p>Code for shaft seal: HQQE</p> <p>Approvals: CE,EAC,UKCA,SEPRO</p> <p>Approvals for drinking water: WRAS,ACS</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Base: Cast iron EN 1563 EN-GJS-500-7 ASTM A536 80-55-06</p> <p>Impeller: Stainless steel EN 1.4301 AISI 304</p> <p>Bearing: SIC</p> <p>Support bearing: Graflon</p> <p>Installation:</p> <p>Maximum ambient temperature: 50 °C</p> <p>Maximum operating pressure: 16 bar</p> <p>Max pressure at stated temp: 16 bar / 120 °C 16 bar / -30 °C</p> <p>Type of connection: DIN</p> <p>Size of inlet connection: DN 65</p> <p>Size of outlet connection: DN 65</p> <p>Pressure rating for connection: PN 40</p> <p>Flange size for motor: FF265</p> <p>Electrical data:</p> <p>Motor standard: IEC</p> <p>Motor type: INNOMOTICS</p> <p>Rated power - P2: 7.5 kW</p> <p>Power (P2) required by pump: 7.5 kW</p> <p>Mains frequency: 50 Hz</p> <p>Rated voltage: 3 x 415D V</p> <p>Rated current: 14 A</p> <p>Starting current: 770 %</p> <p>Cos phi - power factor: 0.85</p> <p>Rated speed: 2940 rpm</p> <p>IE Efficiency class: IE3</p> <p>Motor efficiency at full load: 90.1 %</p> <p>Motor efficiency at 3/4 load: 90.1 %</p> <p>Motor efficiency at 1/2 load: 88.0 %</p> <p>Number of poles: 2</p> <p>Enclosure class (IEC 34-5): IP55</p> <p>Insulation class (IEC 85): F</p> <p>Motor No: 93125847</p> <p>Controls:</p> <p>Frequency converter: None</p> <p>Others:</p> <p>Terminal box position: 6</p> <p>Minimum efficiency index, MEI ≥: 0.70</p>

Description		
Qty.	Net weight:	124 kg
1	Gross weight:	157 kg
	Shipping volume:	0.495 m³

CR 32-4-2 A-F-A-E-HQQE 50 Hz



Description	Value
Rated voltage:	3 x 415D V
Rated current:	14 A
Starting current:	770 %
Cos phi - power factor:	0.85
Rated speed:	2940 rpm
IE Efficiency class:	IE3
Motor efficiency at full load:	90.1 %
Motor efficiency at 3/4 load:	90.1 %
Motor efficiency at 1/2 load:	88.0 %
Number of poles:	2
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	93125847
Controls:	
Frequency converter:	None
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	124 kg
Gross weight:	157 kg
Shipping volume:	0.495 m³
Sales region:	India

LIST OF PREFERRED MAKES

Sl. No.	MATERIALS / ITEMS	MANUFACTURER / BRAND / MAKE
1	Pressure Booster Pump	GRUNDFOS/ARMSTRONG/TEXMO/KSB

Note: Makes of the items to be supplied by vendor will be according to the list of above preferred makes given. No other makes will be supplied by vendor. In case any material/ product does not available in the market, alternate product as per decision and approval of Engineer-in-Charge shall be supplied by the vendor.

NO CONVICTION CERTIFICATE

(On company letterhead)

This is to certify that _____ (Name of the firm/organization),
having registered office at _____
(Address of the registered office) has never been blacklisted or restricted to apply for
any such activities by any Central / State Government Department /Semi Government
department/ PSU/ Autonomous bodies or Court of law anywhere in the country.

Yours faithfully,
Signatures

Name of Vendor or Officer Authorised
to sign on behalf of Vendor

(Company stamp)

Date:

Place:

NO CLAIM CERTIFICATE

(On company letterhead)

To,

(Contract Executing Officer)

Procuring Entity

Sub: Contract Agreement no. dated for the work of..... We have received the sum of Rs..... (Rupees only) in full and final settlement of all the payments due to us for the work of under the abovementioned contract agreement, between us and Rajiv Gandhi Institute of Petroleum Technology. We hereby unconditionally, and without any reservation whatsoever, certify that with this payment, we shall have no claim whatsoever, of any description, on any account, against Procuring Entity, against aforesaid contract agreement executed by us. We further declare unequivocally, that with this payment, we have received all the amounts payable to us, and have no dispute of any description whatsoever, regarding the amounts worked out as payable to us and received by us, and that we shall continue to be bound by the terms and conditions of the contract agreement, as regards performance of the contract.

Yours faithfully,

Signatures

Name of Contractor or Officer Authorised
to sign the contract documents on behalf of contractor
(Company stamp)

Date:

Place:

Check List

Sl. No.	Particulars	(Bidders to tick Yes/No)
1	EMD of Rs. 15,000/- (Rupees Fifteen Thousand Only)	Yes / No
2	PAN No, GSTIN No., Bank Account details	Yes / No
3	Copy of No Conviction Certificate	Yes / No
4	BOQ (duly filled with quoted rate and amount of each item)	Yes / No
5	Entire NIT, Tender Document & other paper duly signed & stamped	Yes / No
6	Performance Characteristic of the offered Pressure Booster Pump which should be compatible with the existing system installed at RGIPT	Yes / No

