



RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

[Institute of National Importance established under the Act of Parliament]
Mubarakpur, Mukhtia, Bahadurpur Post: Harbanshganj, Jais, Amethi Pin Code- 229 304

Website: www.rgipt.ac.in

E-Procurement of Electrical Generators and Drive System

Type of Tender	E-TENDER (OPEN)
E-Tender No.	RGIPT/JAIS/E-OPN/LAB/2019-20/29
Item Description	Procurement of Electrical Generators and Drive System
Tender Type	Two Bid System: Tender should be submitted on the schedule to tender. (i) Techno-Commercial Bid and (ii) Financial Bid The Financial bid will be opened only of those firms, who will be found technically qualified after evaluation of their technical bids.
Earnest Money Deposit (EMD)	Rs.78000/- (Rupees Seventy Eight thousand only) – Through online mode only.
Mode of Submission	Online Mode
E-Tender Date	19.07.2019
Pre-Bid Meeting	02.08.2019 (Friday) 3pm
Last date of submission of E-Tender	16.08.2019 (Friday) before 3pm
Date & Time of Opening of Techno- Commercial bid	16.08.2019 (Friday) at 4pm
Date & Time of Opening of Financial Bid	Will be announced later
Place of Opening of E-Tender	Conference Room, 2nd Floor, Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, UP
E-Tender Processing Fee (ITI Limited)	Rs.2300/- + (Applicable GST @18%) through e-payment Gateway available on https://rgipt.euniwizarde.com
Bid Address to the	The Director Rajiv Gandhi Institute of Petroleum Technology, Mubarakpur, Mukhtia, Bahadurpur POST: Harbanshganj, Jais, Amethi – 229304
Technical Clarification (Indenter)	Name: Dr. Umakant Dhar Dwivedi Assistant Professor (Electrical Engineering) Email: udwivedi@rgipt.ac.in Mobile No.7310150257, +91 535 270 4526
Any other Clarification	Assistant Registrar (Accounts) Email: sajia@rgipt.ac.in , +91 535 270 4564

Tenders can be downloaded from www.rgipt.ac.in and <https://rgipt.euniwizarde.com/>

E Tendering Helpdesk Number: 011-49606060/9205898228/9650970101/8210817180

E Tendering Helpdesk email ID: ewizardhelpdesk@gmail.com, ewizardhelpdesk89@gmail.com

Online Tenders from reputed Original Equipment Manufacturers/ Authorized Dealers for procurement of **Electrical Generators and Drive System** are invited by the Rajiv Gandhi Institute of Petroleum Technology, Amethi- 229 304 in **Two-Part Bid System** as per specifications mentioned below:

ITEM PARTICULARS

TECHNICAL SPECIFICATIONS

Enquiry No: - RGIPT/JAIS/E-OPN/LAB/2019-20/29 Date: 19.07.2019

Item Description: Electrical Generators and Drive System

The technical specification and the term and conditions for Electrical Generators and Drives System for Electrical & Electronics Engineering UG Laboratory, along with all necessary hardware/software are as follows:

Hardware Components and Software Deliverables for Electrical Generators and Drive System/setup:

Sl.No.	Description	QTY
Machine SETIUP details		
a.	INDUCTION MACHINE (DFIG)	1
b.	Dc-DC Converter	1
c.	Three Phase IGBT based Inverters -3 Phase For Rotor & Grid site	1+1
d.	DC Machine	1
e.	Reprogrammable FPGA Based Real Time Controller or equivalent for Converters control Logic- User Defined <ul style="list-style-type: none"> • <u>8 number of High Voltage sensors +/- 1000 v Input</u> • <u>8 number of High Current sensors +/- 25 A input</u> • 36 numbers of PWM O/P 10V • 4 Relay O/Ps • 2 Nos of Encoder Interface 	1
f.	Software for Control Instrumentation & Measurement	Inclusive
g.	Host development License for the model development	Unlimited
h.	PMSM Machine with Encoders	1
i.	Connectors, Relays, Adapters and other Harness	Inclusive
j.	Portable Server P.C, branded with 8 GB RAM and Large internal and External Drives,	1

TECHNICAL SPECIFICATIONS

Sl.No.	Item	Specification
1	<p>DC MACHINE with INDUCTION MACHINE</p> <p>Consisting of DC shunt motor 220 V DC, 2.5 KW, 1500rpm Three phase Slip Ring Induction motor 2.2 KW, 415 V AC, 1000rpm, base plate for mounting machines with speed encoder 1024 ppr : 1 Nos</p> <p>Three Phase Fully Controlled IGBT based Inverter : 2 Nos</p> <p>Three Phase Fully Controlled IGBT based converter : 1 Nos</p> <p>FPGA based controller with 8 voltage and 8 current sensors with 24 PWM : 1 Nos</p> <p>Software for Control and Monitoring : 1 User</p> <p>Grid Side Reactor, Contactors, Capacitor : 1 Set</p>	<p>Machine Details</p> <p>220V, 2.5KW, 1500 rpm DC shunt Motor Coupled to 415V, 2.2 KW 1000 rpm 6 pole Three phase slip ring induction motor, 1024 ppr encoder included.</p> <p>Along with required power supplies for Sensors and shielded cables for motor terminals</p> <p>Three phase IGBT based Inverter details (Rectifier + Inverter + Brake Chopper)</p> <p>General Specifications</p> <p>I/P AC Voltage: - 415 Volt DC Voltage: - 600 Volt O/P AC Voltage: - 415 Volt O/P AC Current 30 Amp Switching Frequency upto 20 kHz Fundamental Frequency 50 Hz Type of Cooling: - Forced Air Ambient Temp: - 40 Deg Duty Class: - Class I Cooling Method Forced Air Cooled.</p> <p>IGBT Details</p> <p>V-IGBT=6. Generation Trench V-IGBT CAL4= Soft switching 4 Generation CAL-diode. Isolated copper baseplate using DCB technology (Direct Copper Bonding). Increased power cycling capability. With integrated gate resistor. Low switching losses at high di/dt.</p> <p>Bridge Module</p> <p>Three phase bridge rectifier Blocking voltage of 1600 V High surge current carrying capability Large isolated base plate & Easy mounting</p> <p>Gate Driver</p> <p>It should interface and isolate the Control Unit/Primary Circuit from the secondary which is directly connected to the high power.</p>

Gate Driver controls the IGBT's dynamic behavior and its short circuit protection.

Input signal level is 0/15V.

Interlocking time between the input signals is 3 μ s.

It monitors the errors: power supply under-voltage (below 13.3 V), short-circuit between Collector and Emitter. The error reset time is typically 9 μ s.

On detection of error/fault, the Gate Driver switches off the IGBT.

The IGBT switching speed may be adjusted by the resistors RGON and RGOFF.

The two parameters (Rce, Cce) define the values and time delays for the comparison of an internal reference with the monitored value of Vce(sat).

Cooling

Teaching kit stack assembly is provided with forced air cooling.

IGBT modules are mounted on 250 mm heat sink (extruded type).

Forced air-cooling is provided by Hi Cool Fan. 230VAC 1ph. should be applied to the Fan input terminals provided on the unit.

Flow of air is 3 m/s.

Input to the fan is 1- Φ 230 V Supply

Semikron IGBT based Converter

Input AC Voltage (for rectifier) =415 V

DC Voltage Vdc = 600 V

Output AC Voltage Vac = 415 V 3- Φ

Output Current Iac = 30 A

Switching Frequency Fsw = 20 KHz

Ambient Temperature Tamb = 40 deg C.

Cooling Method Forced Air Cooled.

IGBT Details

V-IGBT=6. Generation Trench V-IGBT

CAL4= Soft switching 4 Generation CAL-diode.

Isolated copper baseplate using DCB technology (Direct Copper Bonding).

Increased power cycling capability.

With integrated gate resistor.

Low switching losses at high di/dt.

Bridge Module

Three phase bridge rectifier

Blocking voltage of 1600 V

High surge current carrying capability

		<p>Large isolated base plate & Easy mounting</p> <p>Gate Driver</p> <p>It should interface and isolate the Control Unit/Primary Circuit from the secondary which is directly connected to the high power. Gate Driver controls the IGBT's dynamic behavior and its short circuit protection.</p> <p>Input signal level is 0/15V.</p> <p>Interlocking time between the input signals is 3µs.</p> <p>It monitors the errors: power supply under-voltage (below 13.3 V), short-circuit between Collector and Emitter. The error reset time is typically 9µs.</p> <p>On detection of error/fault, the Gate Driver switches off the IGBT. The IGBT switching speed may be adjusted by the resistors RGON and RGOFF.</p> <p>The two parameters (Rce, Cce) define the values and time delays for the comparison of an internal reference with the monitored value of Vce(sat).</p> <p>Cooling</p> <p>Teaching kit stack assembly is provided with forced air cooling. IGBT modules are mounted on 250 mm heat sink (extruded type). Forced air-cooling is provided by Hi Cool Fan. 230VAC 1ph. should be applied to the Fan input terminals provided on the unit.</p> <p>Flow of air is 3 m/s.</p> <p>Input to the fan is 1-Φ 230 V Supply</p> <p>Thermal Protection</p> <p>Normally Closed Thermal contact switch is used for protection against thermal runaway.</p> <p>The position of the thermal switch normally closed when its temperature is below the threshold temperature (80 deg C) & it changes to normally open above 80 deg C.</p> <p>After cooling down, it again retains it normally closed position.</p> <p>Thermal switch is placed at the warmest point on the heat sink.</p>
		<p>FPGA Based Controller Details</p>
		<p>It is having a Xilinx FPGA Zynq™-7000 SoC XC7Z020-CLG484-1with Dual ARM® Cortex™-A9 MPCore™</p> <p>Which have capability Up to 667 MHz operation along with NEON™ Processing / FPU Engines.</p> <p>Memory allocation in the board is given by 512 MB DDR3 and 256 Mb Quad-SPI Flash with Full size</p> <p>Isolated Voltage (8) and current (8) sensors for feedback</p> <p>Voltage +/- 0-1000V AC/DC measurement and output is instantaneous.</p>

		<p>Current Sensor 0-25 AC/DC measurement and output is instantaneous.</p> <p>Dual, 200KSPS-1MSPS 16 bit 4x2 channel Simultaneous sampling for ADC for sensors alone.</p> <p>PWM Card 3.3/5 to 15 V Level Shifting of 12x2 PWM Out with optical isolation.</p> <p>Dedicated I/O with for encoder and Hall sensors with 5V supply and Differential noise reduction.</p> <p>4 Digital Input which can take 3.3V/5V input to FPGA.</p> <p>230V, 5A, 4 numbers of NO-NC Contactor Relay for HV Driving purpose.</p>
	Portable Lab server	State of the art branded Laptop P.C. Server with latest Pentium processor 8GB RAM, High processing speed, Make: Dell/HP/Lenovo, Perpetual licensed windows operating system with Large external and internal storage.
	L & C Filters, Switches, Relays	Required Numbers of L, C filters for designed rating. Switches and relays along with relay drives for the protection is also provided with system

Note: All necessary accessories, connectors, and software required for the independent and/or integrated operation of the above setup and equipment should be provided by the vendors.

Terms & Conditions:

1. Lifelong, Free Firmware update should made available for all supported configurations by Simulator
2. The vendor should issue an undertaking for the availability of spare parts for at least TEN YEARS from the date of successful installation.
3. Warranty Period: Comprehensive warranty for One year.
4. The service visit should be made within 48 hours after the report of the problem and instrument should be up and running within 5 working days during the warranty period.
5. All the claims made by the various vendors in terms of the specifications mentioned below should be validated by means of authenticated documentary evidence in the tender document being submitted by them. In the absence of authenticated documentary evidence available in the submitted tender, it may be considered as disqualified/cancelled.
6. All standard accessories and software required by instruments for their independent and integrated operation should be provided FREE OF COST.
7. Installation certificate will be issued only after successful installation, commissioning and onsite One Week training at Rajiv Gandhi Institute of Petroleum Technology Amethi. Count of Warranty Period will start only after successful issuance of installation certificate.

Place:

Date:

Signature and seal of the Manufacturer/ Bidder

Technical Specifications Compliance Statement of "Electrical Generators and Drive System" should be submitted as per format given in Annexure – I (On the Company's Letter Head)

Terms & Conditions

1. Tender filling up and submission

- a. Tender offer must refer to the letter/Notice inviting the Tender.
- b. The bid should be uploaded online mentioning "Supply & Installation of "Electrical Generators and Drive System" to Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi.
- c. Bids must be submitted online against above mentioned tender.
- d. The prices can be quoted in Indian Rupees or Foreign Currency, both in figures and in words and the same will be considered for price comparison. Where there is a difference between the two, the rates given in words will be taken as authentic. Should there be any discrepancy between unit rate and amount, the unit rate will be considered as the correct one.
- e. The rates quoted should include freight charges upto Jais, Amethi clearly mentioning the percentage/rate of GST and the rates quoted should be valid for at- least 60 days from the date of opening of the quotation. The rates must be quoted both in figures and words and over writing should be avoided. However all cuttings/corrections must be duly authenticated.
- f. The bid submitted must not contain any ambiguity. Any such ambiguity in the quote submitted shall make it liable for rejection.
- g. The tender document is not transferable.
- h. No amendment to the bid in any form by the bidder will be permitted after opening of the tender. No conditional offers shall be accepted.
- i. Submission of bid will bind the bidder to the acceptance of all conditions specified in the tender document.
- j. Canvassing in any form is for bidden and will be a criterion for disqualification.

2. EMD (Earnest Money Deposit):

The EMD should pay only in online mode on <https://rgipt.euniwizarde.com> of Rs.78000/- (Rupees Seventy Eight thousand only) – Through online mode only). No interest shall be paid on earnest money deposited.

- a) The EMD of the unsuccessful bidders will be returned after final award of the Job to a successful bidder/ acceptance of the tender and within reasonable time not exceeding six months from the date of opening of Tender. The EMD will carry no interest.
- b) The EMD will be forfeited if the bidder withdraws his offer before finalization of the tender.
- c) The EMD of successful bidder will be returned after the submission of Performance Security.
- d) The firms registered with DGS&D & NSIC, if any, are exempted from payment of EMD provided such registration includes the item they are offering which are manufactured by them and not for selling products manufactured by other companies. (Latest Copy must be submitted online for claiming exemption).

3. Performance Security:

The successful bidder will provide "Performance Security" for an amount of 10% of the contract value in the form of valid Account payee Demand Draft/ FDR from a scheduled bank favouring "Rajiv Gandhi Institute of Petroleum Technology" payable at RGIPT, Jais, Amethi Campus Branch. Performance security should remain valid at least for a period of 180 days beyond the date of completion of all contractual obligations of supplier (Total Period of FDR/Demand Draft – Warranty Period plus 180 days). Thereafter the security will be returned, provided there is no defect in the equipment supplied.

4. Evaluation Criteria:

The order will be awarded to the vendor, who fulfills all the technical specifications & conditions mentioned in the tender document for Technical Bid and whose rate is L1 in grand total in Financial Bid. Evaluation of Lowest bid will be calculated on the total price of all items tendered for basic equipment along with accessories, packing & forwarding, Installation & Commissioning, GST and other charges etc. as mentioned in the tender (Bidder must submit the technical bid & financial bid separately). The Financial bid will be opened only of those firms, who will be found technically qualified after evaluation of their technical bids.

5. Bid Validity:

The bid must be valid for 180 days from the date of opening of Technical Bid.

6. Payment terms:

- a) In Indian Currency Payment terms - 80% payment will be released against successful supply of equipment at site i.e Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi and balance 20% after installation & commissioning of the equipment and subject to submission of original Bill/ Invoice as certified by the Indenter.

- b) In Foreign currency payment -80% payment by an irrevocable letter of credit favouring Principal Company and for compliance of payment term, two weeks prior to dispatch of the equipment on submission of letter from Principal Company confirming that the equipment is ready for dispatch and on receipt of documents without any discrepancies and balance 20% will be paid after satisfactory installation and commissioning as certified by the indenter.
- Reimbursement of Expenses in Indian Rupees: The Institute will reimburse the expenses in Indian Rupees related to custom duty, custom clearance charges, transportation charges upto RGIPT, Jais, Amethi to the Indian Counterpart after the installation and commissioning of equipment at site (Upto maximum limit defined in the bid) i.e Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi – 229304 and subject to submission of original bill certified by the Indenter.
7. **Clearance and delivery:** On arrival of shipment/consignment, the supplier is required to arrange custom clearance and transportation of the consignment up to RGIPT, Jais, Amethi premises. The Tenderer/ bidder will do all types of clearance work and formalities to deliver/provide the equipment at the site of installation. The expenses incurred will be reimbursed on actual basis not exceeding the quoted amount. Institute will provide all types of documentary support including Customs Duty exemption certificate. The custom duty, custom clearance charges, transportation charges etc. will be reimbursed in Indian Rupees on subject of submission of documentary proof. This may be included in your quotation as a separate item. Principals will themselves have to procure any requisite permission from the Govt. of country of origin of equipment.
8. **Part Shipment not allowed:** Part Shipment will NOT be allowed.
9. **Insurance:** For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. If orders placed on CIF/CIP basis, the insurance should be up to RGIPT, Jais, Amethi.
10. **Bank Charges:** All the bank charges within India will be borne by the Institute and outside India will be borne by the Supplier.
11. **Site Preparation:** The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter. The supplier shall visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.
12. **Training of Personnel:** As specified in the technical specifications.
13. **Resolution of Disputes:** The dispute resolution mechanism to be applied pursuant shall be as follows:
- i. In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director, Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
 - ii. In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules. The venue of the arbitration shall be the place from where the order is issued.

14. Live working product Demo of same or similar item is necessary (at the cost of bidder) for all the bidders, if asked for, within the ONE week of opening the technical bid.
15. **Printed Conditions of the Company – Not Acceptable to the Institute:** RGIPT does not accept the printed conditions of any Tenderer. It will be ignored without any reference; hence tenderers should withdraw such printed conditions if they have any. RGIPT shall accept only unconditional tender.
16. **Technical Deviations – Sole discretion of RGIPT for consideration:** If technical deviations furnished by the Tenderer are not agreeable to RGIPT, the offers may be ignored. However it will be solely at discretion of RGIPT to consider the technical deviations OR not for considering the Tenderer. No correspondences of the Tenderer will be entertained in this matter.
17. **Price Validity:** The price quoted by the bidder shall remain valid till the supply is completed. During the tenure of the supply period, no price increase will be considered, except for change in statutory levies imposed by Centre Govt. / state Govt. or Local authorities.
18. **Warranty:** As specified in the Technical Specification.
19. **Delivery:** The timely delivery of “Electrical Generators and Drive System” is the essence of contract. The supply should be completed with the specified delivery. Delivery shall be completed within maximum 16 weeks from the placement of purchase order/from the date of opening of LC.
20. **Bid Acceptance and Rejection:**
 - a. RGIPT reserves the right to reject the bid without assigning any reason what so ever.
 - b. RGIPT does not bind itself to accept the lowest or any quotation and reserves the right to reject any or all without assigning any reason.
21. **Late Receipt of Bids:** No bids will accepted or considered after the due date and time.
22. **Liquidity Damage Clause:** In case of any damages and delay in supply of material, liquidated damages at the rate of 0.5% of the order value per day of delay or part thereof, subject to a maximum of 5% of the order value shall be recovered from the vendor’s bill/invoice.
23. **Withdrawal of Tender:** The Institute reserves the right to withdraw the tender at any stage of tendering process with the approval of the Competent Authority.
24. **Replacements of Goods Broken, Damaged or Short:** If whole or part of the goods/ equipment supplied against the order is found defective/ non-functional or without specification the supplier will have to replace the defective goods/equipment to make equipment operational within a reasonable time (not exceeding two months from the date of intimation to the supplier or the Indian Agent), failure to which the supplier will have to refund the full cost of the equipment including freight, Insurance etc.
25. A quotation submitted with false information will not only be rejected but the vendor may also be debarred for participation in future tendering processes.
26. Authorized representative may choose to be present at the time of opening of quotation at their own cost.
27. **Only one PRICE BID should be submitted for the above equipment. A bidder who submits more than one PRICE BID, shall be disqualified and considered non-responsive.**

Assistant Registrar (Accounts)

Terms & Conditions must be fulfilled for Eligibility in the tender

Sl. No.	Description
	The EMD of Rs.78000/- (Rupees Seventy Eight thousand Only) is to be paid only through online mode on https://rgipt.euniwizarde.com . If the EMD is not paid, then the bid will be automatically rejected.
1	Technical Specification Compliance Statement -(On the letter head of the Company) – Annexure -1
2	Manufacturer’s Authorization Form – In defined format OR Self Declaration of Manufacturing Unit – Annexure - 2
3	Price Reasonability Certificate – In defined format (On the letter head of the Company)- Annexure - 3
4	Declaration Certificate (Acceptance of terms & conditions of the tender) – In defined format (On the letter head of the Company) - Annexure – 4 and Declaration Sheet as per Annexure - 4A.
5	As on date of submission of the proposal, the Bidder is neither blacklisted by Central Government/ State Government or Instrumentalities thereof nor is any criminal case against the Bidder/ its Partners/ Directors/ Agents pending before any court of law. Non-Blacklisting Certificate on Rs. 100.00 non-Judicial Stamp Paper – In defined format - Annexure - 5
6	Copy of Firm Registration
7	Copy of PAN Card & GST No.
8	Bidder should have 3 years’ experience in the selling and providing service (related Equipment) to reputed Central Government Institutes/Petroleum Engineering Colleges/ Universities/ Oil Companies/ Research Institutes/ IITs/ NITs/ IISERs (Self Declaration) – List of Clients & Purchase Orders of “Electrical Generators and Drive System” to be submitted.
9	The Bidder or their OEM should possess any valid standard certification like ISO 9001:2008 & 14001:2004.
10	Bidder should enclose the copies of last 3 years Audited Annual Accounts (Balance Sheet and Profit & Loss A/c) duly authenticated by Chartered Accountant
11	Last three years CA certified turnover certificate (Average Turnover of last three years should be Rs.12lakhs (Rupees Twelve lakhs only)
12	Last 3 year Income Tax Return (ITR)
13	In case of exemption of EMD, the scanned copy of the document in support of exemption will have to be uploaded by the bidder during bid submission
14	MOST IMPORTANT: Document related to prior installation and service – At least 3 Academic and R&D National Organizations, Central and State Government Departments/Institutions/PSU in the last 3 years. Annexure - 6



RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

CHECKLIST FOR SUBMISSION OF DOCUMENTS FOR TECHNO-COMMERICAL BID

Part -1

MOST IMPORTANT: PLEASE DON'T ADD OR UPLOAD ANY ANNEXURE OF PRICE BID IN TECHNO-COMMERICAL BID DOCUMENTS, OTHERWISE YOUR BID WILL BE REJECTED.

Checklist for submission of documents for Techno-Commercial Bid

Sl. No.	Description	Uploaded/ Not Uploaded
	The EMD of Rs.78000/- (Rupees Seventy Eight thousand Only) is to be paid only through online mode on https://rgipt.euniwizarde.com . If the EMD is not paid, then the bid will be automatically rejected.	
1	Technical Specification Compliance Statement -(On the letter head of the Company) – Annexure -1	
2	Manufacturer's Authorization Form – In defined format OR Self Declaration of Manufacturing Unit – Annexure - 2	
3	Price Reasonability Certificate – In defined format (On the letter head of the Company)- Annexure - 3	
4	Declaration Certificate (Acceptance of terms & conditions of the tender) – In defined format (On the letter head of the Company) - Annexure – 4 and Declaration Sheet as per Annexure - 4A .	
5	As on date of submission of the proposal, the Bidder is neither blacklisted by Central Government/ State Government or Instrumentalities thereof nor is any criminal case against the Bidder/ its Partners/ Directors/ Agents pending before any court of law. Non-Blacklisting Certificate on Rs.100.00 non-Judicial Stamp Paper – In defined format - Annexure - 5	
6	Copy of Firm Registration	
7	Copy of PAN Card & GST No.	
8	Bidder should have 3 years' experience in the selling and providing service (related Equipment) to reputed Central Government Institutes/Petroleum Engineering Colleges/ Universities/ Oil Companies/ Research Institutes/ IITs/ NITs/ IISERs (Self Declaration) – List of Clients & Purchase Orders of "Electrical Generators and Drive System" to be submitted.	
9	The Bidder or their OEM should possess any valid standard certification like ISO 9001:2008 & 14001:2004.	
10	Bidder should enclose the copies of last 3 years Audited Annual Accounts (Balance Sheet and Profit & Loss A/c) duly authenticated by Chartered Accountant	
11	Last three years CA certified turnover certificate (Average Turnover of last three years should be Rs.12lakhs (Rupees Twelve lakhs only))	
12	Last 3 year Income Tax Return (ITR)	
13	In case of exemption of EMD, the scanned copy of the document in support of exemption will have to be uploaded by the bidder during bid submission	
14	MOST IMPORTANT: Document related to prior installation and service – At least 3 Academic and R&D National Organizations, Central and State Government Departments/Institutions/PSU in the last 3 years. Annexure - 6	

Place:

Date:

Signature and seal of the Manufacturer/ Bidder

Technical Compliance Statement for Electrical Generators and Drive System**(ON THE LETTER HEAD OF THE COMPANY)**

Sl. No.	Parts	Specification	Comply (or) Not Comply
1.	"Electrical Generators and Drive System "		

Please mention the brand and model no. & name of the equipment:

Place:

Date:

Signature and seal of the Manufacturer/Bidder

**MANUFACTURERS' AUTHORIZATION FORM (MAF)
(ON THE LETTER HEAD OF THE COMPANY)**

[NOTE: The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be **on the letterhead of the Manufacturer** and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. It should be included by the Bidder in its bid]

No. Dated

Date: **[insert date (as day, month and year) of Bid Submission]**

Tender No.: **[insert number from Invitation for Bids]**

To, Director
Rajiv Gandhi Institute of Petroleum Technology
Mubarakpur, Mukhtia, Bahadurpur
POST: Harbanshganj, Jais, Amethi - 229304

WHEREAS

We **[insert complete name of Manufacturer]**, who are official manufacturers of **[insert type of goods manufactured]**, having factories at **[insert full address of Manufacturers factories]**, do hereby authorize **[insert complete name of Bidder]** to submit a bid the purpose of which is to provide the following Goods, manufactured by us **[insert name and or brief description of the Goods]**, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: **[insert signature(s) of authorized representative(s) of the Manufacturer]**

Name: **[insert complete name(s) of authorized representative(s) of the Manufacturer]**

Title/Designation: **[insert title]**

Duly authorized to sign this Authorization on behalf of: **[insert complete name of Bidder]**

Dated on _____ day of, _____, _____ **[insert date of signing]**

Yours faithfully,

(Name of manufacturers)

OR

SELF DECLARATION OF MANUFACTURING UNIT

PRICE REASONABILITY CERTIFICATE
(ON THE LETTER HEAD OF THE COMPANY)

It is certified that the rates quoted against Tender No.
datedfor the items vide our bid No.
datedare exclusively for supply to ACADEMIC and RESEARCH Institutions and are
not more than as charged to other Govt./PSU"s for similar supplies made in recent past. If they have been
approved by the Director, RGIPT and if at any stage it has been found that the quoted rates are higher
than the rates applicable to supply to Government then in such condition RGIPT, Amethi, will have the
right to cancel the approved rates and to take legal action against the tenderer.

Yours faithfully,

(Name of manufacturers)

(Signature with date)

(Name and designation)

Duly authorized to sign tender for and on behalf of

DECLARATION (ACCEPTANCE OF TERMS & CONDITIONS)
(ON THE LETTER HEAD OF THE COMPANY)

1. I, Son/Daughter of Shri
Proprietor/ Partner/CEO/MD/Director/Authorized Signatory of M/s
am competent to sign this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and hereby convey my acceptance of the same.

3. The information/ documents furnished along with the above application are true and authentic to the best of my knowledge and belief.

4. I/ we/ am are well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

5. Each page of the tender document and papers submitted by my Company is authenticated, sealed and signed, and I take full responsibility for the entire documents submitted.

Date: -----

Place: -----

Signature of the Authorized Person

Full Name: -----

Company Seal: -----

DECLARATION SHEET

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

The prices quoted in the financial bids are subsidized due to academic discount given to RGIPT, Jais, Amethi.

We, further specifically certify that our organization has not been Black-Listed/ De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	
1. Phone	
2. Fax	
3. E-mail	
4. Contact Person Name	
5. Mobile Number	
6. TIN Number	
7. PAN Number	
8. (In case of on-line payment of Tender Fees) UTR No. (For Tender Fee)	
9. (In case of on-line payment of EMD) UTR No. (For EMD)	
10. Kindly provide bank details of the bidder in the following format: a) Name of the Bank	
b) Account Number	
c) Kindly attach scanned copy of one Cheque book page to enable us to return the EMD to unsuccessful bidder	

(Signature of the Tenderer)

Name:

Seal of the Company

NON-BLACKLISTING DECLARATION

It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. No forged / tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that RGIPT, Amethi is authorized to make enquiry to establish the facts claimed and obtain confidential reports from clients.

In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims, we are liable for forfeiture of EMD and or any penal action and other damages including withdrawal of all work/purchase orders being executed by us. **Further RGIPT, Amethi is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.**

I / We assure the Institute that neither I / We nor any of my / our workers will do any act/s which is improper / illegal during the execution in case the tender is awarded to us.

Neither I/We nor anybody on my/our behalf will indulge in any corrupt activities/practices in my/our dealing with the Institute.

Our Firm/Company/Agency is not been blacklisted or banned by any Central Government Department/ State Government Department, PSU, University, Autonomous Institute or Any other Govt. Organization.

Date

Signature of the Tenderer

Place

Stamp

Note: This certificate should be executed on duly notarized ` 100/- Non Judicial Stamp Paper.

List of Govt. Organization/Department/Institutes

List of Government Organization/Department/Institutes for whom the Bidder has undertaken such work during last three years (must be supported with work orders)		
Name of the Organization	Name of Contact Person	Contact No.

(Signature of the Tenderer)

Name:

Seal of the Company



RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

CHECKLIST FOR SUBMISSION OF DOCUMENTS FOR FINANCIAL BID

**The Company can bid in Foreign Currency or Indian Currency
In the given format**

The bidder may add rows as per requirement to include the prices of all components/ parts, warranties, installation etc. whichever applicable.

FINANCIAL BID – Electrical Generators and Drive System

A. Financial Bid in Indian Currency:

I. Name of the Bidder/Tenderer:

Name & Model No of offered goods:

Tender No.:

Sl. No.	Details	Total Amount (In INR)
1	Basic Cost of Electrical Generators and Drive System with accessories defined in Technical Specifications Statement of the Tender	
2	Cost of Warranty	
3	Add: Packing & Forwarding Charges, If any	
4	Add: Installation & Commissioning Charges, if any	
5	Add: Transportation Charges up to RGIPT, Jais, Amethi, if any	
6	Add: Any other Charges, if applicable (Please specify)	
7	Add: GST (Taxes)	
Total Price (Sum of Sl. No 1 to 7) F.O.R RGIPT, Jais, Amethi Price		

Note: The Institute will provide DSIR & GST Exemption Certificate.

II. For Local Supplies -

Sl. No.	Details	Total Amount (In INR)
1	Cost of Local Supplies defined in Technical Specifications Statement of the Tender Document (Please mention the items)	
2	Add: Packing & Forwarding Charges, If any	
3	Add: Installation & Commissioning Charges, if any	
4	Add: Transportation Charges up to RGIPT, Jais, Amethi, if any	
5	Add: Any other Charges, if applicable (Please specify)	
6	Add: GST (Taxes)	
Total Price (Sum of Sl. No 1 to 6) F.O.R RGIPT, Jais, Amethi Price		

I. Total Bid price in Indian Currency (Equipment Cost with accessories):
In words:

II. Total Bid price in Indian currency (Local Supplies):
In words:

Grand Total (I + II) =

In words:

THE BIDDER MAY ADD ROWS AS PER REQUIREMENT TO INCLUDE THE PRICES OF ALL COMPONENTS/ PARTS, WARRANTIES, INSTALLATION ETC. WHICHEVER APPLICABLE.

- a) Indian Agents Name & Address
- b) The cost of optional items shall be indicated separately
- c) In case the price quoted in Foreign Currency (Other than INR), for the purpose of comparison the Exchange Rate prevailing on the date of opening of Financial Bid will be considered.

Date
Place

Signature of the Tenderer
Stamp

B. Financial Bid in Foreign Currency:

**Price Schedule Form: Price schedule for goods being offered from abroad
In currency other than INR (Indian Rupees)
(Separate form to be used for each item offered)
(ON THE LETTER HEAD OF THE COMPANY)**

I. Name of the Bidder/Tenderer:

Name & Model No of offered goods:

Tender No.:

(Separate Prices should be defined for each instrument)

Sl. No.	Details (Basic Cost of Equipment with accessories)	Price per unit in (-)
	Country of origin	
1	FOB (named port of shipment)-Ex-Works Price	
2	Freight and Insurance up to Indian Airport/port	
3	Total Price at Indian Airport /port (CIP/CIF)(1+2)	
4	**Custom Duty against DSIR certificate (Please mentioned % also)	
5	Custom clearance and other charges, if any (with breakup)	
6	Inland Charges for Insurance & transportation to RGIPT Jais, Amethi	
7	Installation, commissioning and training Charges, if any	
8	If any other charges (Please Specify) – Warranty	
Total Price F.O.R RGIPT, Jais, Amethi Price (Sum of Sl. No 1 to 8)		

**** RGIPT, Jais, Amethi have Custom/Excise Exemption Certificate.**

II. For Local Supplies –

Sl. No.	Details	Total Amount (In INR)
1	Cost of Local Supplies defined in Technical Specifications Statement of the Tender Document (Please mention the items)	
2	Add: Packing & Forwarding Charges, If any	
3	Add: Installation & Commissioning Charges, if any	
4	Add: Transportation Charges up to RGIPT, Jais, Amethi, if any	
5	Add: Any other Charges, if applicable (Please specify)	
6	Add: GST (Taxes)	
Total Price (Sum of Sl. No 1 to 6) F.O.R RGIPT, Jais, Amethi Price		

- I. Total Bid price in **Foreign Currency** (Equipment Cost with accessories):
- In words:

II. Total Bid price in Indian currency (Local Supplies):
In words:

THE BIDDER MAY ADD ROWS AS PER REQUIREMENT TO INCLUDE THE PRICES OF ALL COMPONENTS/ PARTS, WARRANTIES, INSTALLATION ETC. WHICHEVER APPLICABLE.

- a) Indian Agents Name & Address

- b) The cost of optional items shall be indicated separately

- c) In case the price quoted in Foreign Currency (Other than INR), for the purpose of comparison the Exchange Rate prevailing on the date of opening of Financial Bid will be considered.

Date

Signature of the Tenderer

Place

Stamp

The bidders are required to submit soft copies of their bids electronically on the e-tender Portal, using valid class 3 Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-tender Portal, prepare their bids in accordance with the requirements and submitting their bids online on the e-tender Portal.

More information useful for submitting online bids on the e-tender Portal may be obtained at:

<https://rgipt.euniwizarde.com>.

REGISTRATION

1. Bidders are required enroll on the e-Procurement Portal (URL: <https://rgipt.euniwizarde.com>) with clicking on the link "Online bidder Registration" on the e-tender Portal by paying the Registration fee of Rs.2360/- Per vendor/per year.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. 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 with the bidder.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (**Only Class III Certificates with signing + encryption key usage**) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
5. 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.
6. Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.
7. **The scanned copies of all original documents should be uploaded on portal <https://rgipt.euniwizarde.com>**

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.
2. Once the bidders have selected the tenders they are interested in, you can pay the form fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e- tender Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published 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.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Colored option which helps in reducing size of the scanned document.
4. 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 certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.
5. These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by RGIPT, Jais.
3. Bidder has to select the payment option as “e-payment” to pay the tender fee / EMD as applicable and enter details of the instrument.
4. Bidder should prepare the EMD as per the instructions specified in the tender document.
5. Bidders are requested 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 downloaded 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 filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
6. 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.
7. 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. 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 opener public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
8. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bid click “Complete” (i.e. after Clicking “Submit” in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
10. The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

1. 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.
2. Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the 24x7 Helpdesk Support. **The contact number for the helpdesk is “011-49606060/7398741154/9205898228/9650970101” and E Tendering Helpdesk email ID: ewizardhelpdesk@gmail.com**