



**PRANANATH COLLEGE (AUTONOMOUS)**

**KHORDHA – 752057 (ODISHA)**

**NAAC Accredited 'A' Level**

**Supply & Installation  
of**

**“INVERTER WITH BATTERY, REFRIGERATOR &  
WATER PURIFIER”**

**At**

**Prananath College (Autonomous), Khordha.**

**RFP No: [19152904/2023-24/OHEPEE/002]**

**ISSUED BY:**

**PRINCIPAL,  
PRANANATH COLLEGE (AUTONOMOUS), KHORDHA**

## **TABLE OF CONTENTS**

<b>DESCRIPTION</b>	<b>Page No.</b>
Schedule for Tender	3
Eligibility Criteria	4
Bid Submission	5
General Terms & Conditions of the Bid	6 – 8
Annexure I – Specification of Items to be Supplied and Installed	9-11
Annexure II - Details of the Tenderer	12
Annexure III - Price Schedule	13
Annexure IV - Self Declaration for not black listed	14
Annexure V	15

## **SCHEDULE OF TENDER**

Tender No.	19152904/2023-24/OHEPEE/002
Name of the tender issuer	Principal, Prananath College (Autonomous), Khordha
Scope of Work	Supply of “Inverter With Battery, Refrigerator & Water Purifier Under OHEPEE”
Quantity to be supplied	As per Annexure I
Cost / fee of Tender Documents	Rs. 500/- in form of DD drawn in favour of Principal, Prananath College (Autonomous) payable at Khordha
Earnest Money Deposit (EMD)	2% of Bid Value
Performance Bank Guarantee (PBG)	5% of Bid Value
Date of issue of tender document	23/12/2023
Date & Time of Pre Bid clarification	02/01/2024 & 11.00 AM
Last Date & Time for Submission of Bids	12/01/2024 & 5.00 PM
Date & Time of Opening of Technical Bids	13/01/2024 & 11.00 AM
Date & Time of Price Bid Opening	16/01/2024 & 11.00AM
Name of the contact person for communication	Dr. Priyabrata Mohanty, Reader in Chemistry
Contact Number of the concern person	9437046757
Address for communication	Principal, Prananath College (Autonomous), Khordha, 752057

## **ELIGIBILITY CRITERIA**

The bidders who are desirous for above work require fulfilling the following conditions:

- 1) Must be registered under GST Act.
- 2) Must have average annual turnover for the last three years i.e. 2020-21, 21-22, & 22-23 should not be less than Rs 3 Lakhs. The bidder must submit copy of audited balance sheet and profit & loss account certified by the Chartered Accountant along with the acknowledgement of Income tax return as a proof in the Technical bid.
- 3) Should not have been blacklisted by any State Govt. / Central Govt. / PSU in India. A self-declaration is required as per **Annexure IV**.
- 4) Experience of having successfully completed similar\* jobs during last 3 years (as of 30.04.2020 - 30.04.2023) as follows:-

One similar\* completed work costing not less than Rs 2 Lakhs

OR

Two similar\* completed works each costing not less than Rs 1 Lakh

\* **Similar work – Supply and commissioning of” Inverter with Battery, Refrigerator & Water Purifier”**

\* **The bidder is required to submit the work order**

- 5) Must have a valid PAN.
- 6) Preferably with 24 hours customer care.

## **BID SUBMISSION**

Steps to be followed for submission of bid:

1. The bid shall be submitted in three parts, the EMD, Technical Bid & the Price Bid.

- i) **Earnest Money Deposit (EMD):** Bidder has to submit EMD of required amount in the form of Demand draft order drawn in favour of “**Principal, Prananath College (Autonomous)**” payable at Khordha. The EMD should be sealed in one envelope marked as “EMD”.

Earnest Money Deposit will not carry any interest. The EMD of unsuccessful bidders will be refunded on acceptance of the work order by the successful bidder. The EMD of successful bidder will be returned / adjusted on submission of performance security.

**The bid not accompanying EMD is liable to be rejected.**

- ii) **The Technical bid** sealed in another envelope marked as “Technical Bid” and shall contain

- The bidder should supply the items as per technical specification mentioned in **Annexure I**.
- The bidder should Details as per **Annexure II**, duly filled in, signed and complete in all respects. No alteration / modification in the format shall be permitted.
- A self-declaration that the tenderer has not been blacklisted by any State Government/ / Central Govt. / PSU in India as per **Annexure IV**.
- Audited balance sheet and profit & loss account along with copy of acknowledgement of Income Tax return of last three financial years i.e. 2020-21, 21-22, & 22-23.
- Details of successfully completed or work in progress of similar jobs (as explained in point 4 of Eligibility Criteria) during last 3 years as per **Annexure V**.

- iii) **The Price bid** shall be sealed in an envelope marked as “Price Bid” and shall contain the price bid as per **Annexure III** duly completed in all respects.

**Rate quoted should be inclusive of GST. No extra cost will be borne by the college towards transport of goods and installation. No price increase on account of change in tax structure, duties, levies, charges etc shall be permitted**

The three separate envelope containing EMD, technical bid and price bid should be sealed in one envelope and should be addressed as per tender schedule superscribed as “**Supply of Inverter with Battery, Refrigerator & water purifier**”.

## **GENERAL TERMS AND CONDITIONS OF THE BID**

Note: Bidders must read these conditions carefully and comply strictly while submitting their bids.

- 1) Bidder shall prepare the bid and submit it in a sealed envelope addressed to Principal, Prananath College (Autonomous), Khordha and send it through **Speed Post/Registered Post/Courier only (no hand delivery will be entertained)**. Each envelope should bear the name of bidder, along with the tender number. However the authorities shall not be responsible for postal and other delays in receipt of the bids.
- 2) Bidders are requested to check for any notice /amendment/ clarification etc. to the Tender Document through the website <https://www.pnautonomouscollege.in/> / **Notice board of the office of Prananath College (Autonomous), Khordha**. No separate notification will be issued for such notice / amendment /clarification etc. in the print media or individually.
- 3) **The Bidders should note that Prices should not be indicated in the Technical bid and should be quoted only in the Price Bid as per Annexure III. In case the prices are indicated in the Technical bid, the bid shall stand rejected.**
- 4) **"PRE-BID Meeting"** with the intending bidders shall be held on **02/01/2024 at 11.00 A.M.** at Prananath College (Autonomous), Khordha. Any queries related to this tender shall be sent to the mail id: **prananathautonomouscollege.com** one day in advance. The clarifications if any will be uploaded in the College web site. All bidders are invited to attend the pre-bid meeting. No deviation to any of the terms will be permitted after freezing of the same at pre-bid meeting.  
On the date of pre bid meeting the bidders may make site verification where installations is to be made.

### **5) OPENING OF TECHNICAL BID**

The Technical proposal will be opened on **13/01/2024 at 11:00 A.M** in the presence of the tender Committee and representative of the bidders. No separate intimation will be given to the bidders in this regard.

### **6) EVALUATION PROCESS**

Technical proposals will be evaluated on the basis of compliance to eligibility criteria, technical specification, and other terms & conditions stipulated in the tender document. Financial proposal will be opened only of those bidders who qualify in the technical evaluation. The Committee reserves the right to reject any or all the tenders without assigning any reason thereof.

- 7) **Award of Contract:** Financial bids with lowest price quotation for the assignment as per Annexure-III will be considered for negotiations and award of contract. However where there is tie between bidders in lowest evaluated package price, the person having highest financial turnover in the preceding 3 financial year will be given preference.
- 8) **PERFORMANCE BANK GUARANTEE:** The selected bidder shall deposit performance security of 5% of Bid Value in the form of a demand draft/ fixed deposit receipt from a commercial bank / bank guarantee from a commercial bank within fifteen (15) working days of the date of notice of award of the tender. The performance security deposit will be retained till completion of the warranty period.
- 9) **WARRANTY:** The **INVERTER WITH BATTERY REFRIGERATOR & WATER PURIFIER** which is to be supplied to the college should be NEW as on date of receipt and should be having all components required. The entire System including accessories will remain under **onsite comprehensive maintenance and warranty for a period of at least five year** from the date of successful installation.
- 10) The bids not submitted in prescribed format or in prescribed manner, shall be rejected by the Tender Committee at the risk and responsibility of the bidder.
- 11) All the information as called for in the tender document should be submitted truly, clearly, legibly, transparently, unambiguously and without using abbreviations.
- 12) In the financial bid the total figures should be written in figures followed by words
- 13) Each page of the tender document should be signed by the bidder with seal, in token of having understood and accepted the terms and conditions of the contract and serially numbered and page marked.
- 14) A bid submitted cannot be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders.

- 15) The Tendering Authority reserves the right to accept any bid, and to annul the bid process and reject all bids at any time prior to award of contract, without assigning reasons & without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the action.
- 16) All the transit risks shall be the responsibility of the supplier.
- 17) All the disputes shall be subjected to the jurisdiction of Civil Courts situated in Khordha.
- 18) Any matter which has not been covered under these provisions shall be governed as per the provisions of Odisha State Government Rules.
- 19) If the work is found un-satisfactory or, if the firm dishonors the contract, the Performance Security Deposit may be forfeited and the job may be entrusted to another firm. In this regard the decision of the Committee is final and binding on the contractor.
- 20) Any notice given by one party to the other pursuant to this contract shall be sent in writing to **Principal, Prananath College (Autonomous), Khordha - 752057.**
- 21) **Payment Terms:** All payments will be made within 30 days of submission of invoice, based on completion of respective terms & conditions. TDS will be deducted as per the rules. The invoice will be raised in favour of **Principal, Prananath College (Autonomous), Khordha.**
- 22) **Completion Period:** The work shall be completed in all respect within 30 days from the date of issue of work order.



## ANNEXURE –I

Sl.No.	Description / Specification of item / equipment	Quantity Required
(1)	<p>7.5/9 KVA invertors UPS units with minimum 4 hours of battery backup with sealed maintenance free batteries (SMF) only</p> <p><b>Make – Branded type Panasonic, Exide, Luminous, V-Guard, Havells etc....</b></p> <p><b>SPECIFICATIONS :</b></p> <p><b>DEVICE TYPE – IGBT MAKES ONLY</b></p> <p><b>Input:</b></p> <ul style="list-style-type: none"> <li>• Input AC voltage – 170-240V</li> <li>• Frequency – 50 Hz</li> <li>• DC raw power to UPS – Minimum 12,000 watts (DC input voltage XDC input current)</li> <li>• Capacity – 7500 / 9000 VA</li> <li>• Bulb Load – 7500 / 8000 W</li> <li>• Supports Eight / Ten Battery</li> <li>• Warranty minimum – 24 months</li> <li>• By-pass switch for supplying output directly from capacity from grip in case of a fault in Inverter.</li> <li>• LCD display and control buttons</li> <li>• Smart Inverter with an option of GSM /Wi-Fi connectivity and Android / iOS app</li> </ul> <p><b><u>Battery type</u></b></p> <p>Type – Sealed Maintenance Free (SMF) battery only.</p> <p>Voltage – 12V DC      Make : Branded type like Panasonic, Exide, Luminous, V- Guard, Havells etc....</p> <p><b>Output:</b></p> <ul style="list-style-type: none"> <li>• Voltage - 230Volts</li> <li>• 150 Ah capacity - 12V</li> <li>• Warranty – 48/54/60 months</li> <li>• Tubular plate technology</li> <li>• Voltage regulation - <math>\pm 1\%</math></li> <li>• Frequency – 50 Hz <math>\pm 1\%</math></li> <li>• Harmonic distortion – less than 2 %</li> <li>• Load power factor – 0.8 lag to unity</li> <li>• Inverter output – continuous</li> <li>• Indicators – Mains on, Inverter on, Low battery, over Load and output on</li> <li>• Protection – output over load, short circuit, battery Shorting, Low battery, input over current and battery meter and battery charging and discharging ammeter</li> <li>• Auto trip- Low battery and over load</li> </ul>	01Nos.

	<p><b>Important Note:</b></p> <p>The number of 12V series connected batteries and the ampere rating of the batteries to be specified to calculate the DC raw power. The batteries should be sealed maintenance free (SMF) batteries only. The brand of the battery should be specified.</p> <p><b>The stand for placing the batteries must be provided.</b></p>	
(2)	<p><b><u>Refrigerator (400L)</u></b></p> <p><b><u>Braned type such as LG, Samsung, Godrej, Whirlpool, Haier etc....</u></b></p> <p>Design Type [built-in/freestanding]-FREE STANDING</p> <p>Product Style-DOUBLE DOOR</p> <p>Freezer Location-TOP FREEZER</p> <p>Refrigeration System-NFMC</p> <p>Energy Efficiency Class [A/B/C/D/E/F/G]-E</p> <p>Climate Class [SN/N/S/T/T]-T/SN</p> <p>Climate Class/Extended T./Temp./SubTrop./-Tropical / Extended Temperate</p> <p>Control System-ELECTRONIC</p> <p>Spec w/o Chiller-NO CHILLER DECLARATION</p> <p>Performance Starrating-4</p> <p>Door-STANDARD</p> <p>Back Wall-METAL BACKPANEL</p> <p>Minimum ambient temperature (°C)- 10</p> <p>Maximum ambient temperature (°C)- 43</p> <p>Other refrigerating appliance-Yes</p> <p>Temperature Rise Time(-18°C to -9°C)(h)-12.50</p> <p>Type of light source-LED lighting (2 Side)</p> <p>Power(W)-192</p> <p>Defrost Heater Power(W)-182</p> <p>Current(A)-1.34</p> <p>Number of Doors(pcs)-2</p> <p>Number of Compressors(pcs)-1</p> <p>Bottle Shelf(pcs)-1</p> <p>Door Shelf(pcs)-3</p> <p>Freezer Door Shelf(Pcs)-2</p> <p>Ice Tray(pcs)-YES</p> <p>Chill Zone (pcs)-1</p> <p>Freezer Shield-YES</p> <p>Condenser Type-SKIN</p> <p>Blowing agent for insulation-C-PENTANE</p> <p>CFC &amp; HFC-FREE</p> <p>CE Compliance-YES</p> <p>Air Flow Type (Refrigerator/freezer)- FORCED/FORCED</p> <p>Rear Roller(pcs)-2</p> <p>Thermostat(pcs)-1(DOOR)</p> <p>Sensor(pcs)-5</p> <p>Additional information:-EN 60704-2-14/EN 60704-3</p>	01Nos

(3)	<b><u>Water Purifier</u></b> <b><u>Branded type such as Eureka forbes, kent, etc.....</u></b> Material Outer Body- CRCA steel UV Lamp - 8 Watts Rated Power- 850 +/- 10% Power Supply -(Input Voltage) Input 230 V AC and 24 / 48 V DC output Storage Capacity – 80/100/120 litres Thermal Insulation For Storage Tank - PUF No. Of Cold Water Faucets -2 No. of Stage Filters - 7 Input Water Pressure -0.6 kg / sq.cm. - 2 kg / sq.cm. (max)	02 Nos.

**ANNEXURE – II****DETAILS OF THE TENDERER**

Sl. No.	Particular	
1	Name of the Firm / Agency/ Company	
2	Registered Office Address & Complete postal address	
3	Telephone Number & E-mail ID	
4	Name of Authorized signatory (in block letters)	
5	Contact No. of authorized signatory	
6	Type of / Firm (Proprietary/ Partnership/ Pvt. Ltd./ Public Ltd.)	Tenderer has to provide relevant Documents (with the technical bid) as a proof of firm type.
7	Date of establishment and Experience in business (in number of years)	Work order to be attached for complying point no 4 of eligibility criteria
8	G.S.T. Registration No.	
9	PAN no.	
10	Details of Earnest Money Deposit i.e. Draft no, date and bank name	
11	Yearly turnover of the organization during last 3 years (year wise) and furnish audited balance sheet and Profit and Loss A/c for the last 3 years. 2020-21 2021-22 2022-23	
12	Furnish the names of 3 responsible persons along with their designation, address, telephone no. etc. for whose organization, you have completed / work in progress as mentioned in Annexure V and who will be in a position to Certify about the performance of your organization.	

**Date:****Place:****Signature & Seal of the Bidder**

## **ANNEXURE – III**

### **PRICE SCHEDULE**

**To,**

**Principal,**

Prananath College (Autonomous),  
Khordha - 752057

**Ref:** Bid no. .... Dated .....

**Sir,**

I/We -----hereby offer to supply the following items at the prices  
and within the period indicated below:

<b>Sl No.</b>	<b>Description</b>	<b>Make and Model</b>	<b>Qty. in Nos.</b>	<b>Unit Price</b>	<b>Total Amount</b>
<b>1</b>					
<b>2</b>					
<b>3</b>					
<b>4</b>					
<b>Total</b>					

It is herewith certified that we have understood the general Terms and Conditions of the bid and our offer is to supply items strictly in accordance with the requirements and the terms mentioned in the bid.

#### **Note**

No change in the Performa is permissible.

Date:

Place:

(Signature and seal of the bidder)

**ANNEXURE – IV**

**SELF DECLARATION FOR NOT BLACK LISTED**

To,  
The Principal,  
Prananath College  
(Autonomous), Khordha -  
752057

Ref: Tender no. ----- Dated: -----

Madam/Sir,

I / We..... here by confirm that our firm has not been banned  
or blacklisted by any Government organization/Financial institution/Court  
/Public sector Unit /Central Government.

**Date:**

**Place:**

**Signature & Seal of the Bidder**

## **ANNEXURE – V**

**Work „Executed/ in-progress” as Prime Contractor on works of similar nature (of value not less than Rs 3 Lakhs) over the last -3- years**

Sl. No	Name and address of Client	Description of work	Contract no.	Value of work (in lacs)	Date of issue of work order	Stipulated period of completion	Actual date of completion	Project Name	Remarks explaining reason for delay

**Notes:**

1. Information has to be filled up specifically in this format.
2. For certificates, the issuing authority shall not be less than an Executive In Charge
3. Document proofs of work orders and performance certificates from the client's needs to be attached.

(Signature and seal of bidder)