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ADMINISTRATIVE TRAINING INSTITUTE

GOVERNMENT OF WEST BENGAL
 FC-BLOCK, SECTOR-III, SALT LAKE CITY,
 KOLKATA - 700 106
 TELE-FAX : (033) 23374015/23373960

Date: ~~20~~/...~~01~~/2020**NOTICE INVITING TENDER****SECTION - I****INTRODUCTION**

1. Sealed quotations are invited from bonafide and reputed agencies for installation of **2 nos. 500 LPD** ETC Non-Pressurized solar water heater at Administrative Training Institute (ATI), Government of West Bengal, FC-Block, Sector-III, Salt Lake City, Kolkata-700106.
2. The interested eligible bidders may collect the tender documents from the website (**i.e. <http://www.atiwbgov.in>**) from **29.01.2020 to 27.01.2020**, excluding prescribed government holidays.

3. **TECHNICAL SPECIFICATION OF ITEMS TO BE SUPPLIED :**

- | | |
|---------------------------------|-------------------------------------------------------|
| ➤ Type of Collector | : Evacuated Tube Collector. |
| ➤ Vacuum Tube outer diameter | : 58 mm. |
| ➤ Vacuum Tube inner diameter | : 48mm. |
| ➤ Tube Length | : 2100 mm. |
| ➤ No. of tubes | : 34 nos. |
| ➤ Frame Angle | : 27 degrees. |
| ➤ Tank Volume | : 500 litres. |
| ➤ Temperature | : 65 degree C to 85 degree C. |
| ➤ Tank Insulation | : PUF 50 mm. (Polyurethane foaming) |
| ➤ Stand Frame | : Mild Steel powder Coated. |
| ➤ Inner Tank Material | : M.S. Tank with epoxy coating. |
| ➤ Outer Tank Material | : Galvanized Pre-Coated. |
| ➤ Tank dimension | : Dia. 450 mm. X Length 2900 mm. |
| ➤ Method of welding | : CO ₂ Welding. |
| ➤ Type of fasteners | : Stainless steel/ Galvanized. |
| ➤ Type of Grommets | : Silicon Rubbers. |
| ➤ Type of circulation | : Thermo siphon. |
| ➤ Type of inlet feeding system. | : Using gravity feeding tank for non-pressure system. |

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4. LIST OF MATERIALS NEEDED FOR INSTALLATION OF 500 LPD X 2 NOS. LPD NON-PRESSURIZED ETC SYSTEM:-

SL. No.	Description of Items	Quantity for a Single Unit (500 LPD)	Total quantity for 2 no. units (4000 LPD)
1.	500 LPD ETC SYSTEM	1 NO.	2 NOS.
2.	BOROSILICATE VACUUME GLASS TUBE COLLECTOR	34 NOS.	68 NOS.
3.	M.S. TANK WITH EPOXY COATING PUF INSULATED HOT WATER TANK	1 NO.	2 NOS.
4.	G.I. SHEET STAND & FRAME WITH ANTI CORROSION COATING	1SET.	2 SET.
5.	CPVC pipe (up to 1" dia.) for hot water line with fittings	25 Ft.	50 Ft.

The work will be done under the supervision of Sub-Assistant Engineer (Civil), ATI.

5. Scope of work:-

The detail of the Scope of work is as follows:-

Sl. No.	Description of Items	Unit	Quantity
1.	Evacuated Tube Collector based Solar Water Heater including Hot water tank, Evacuated glass tube, structure with complete	Nos.	2

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	fittings capacity 500 Liter Per Day		
2.	Dismantling of old solar water heater	Nos.	2
3.	CPVC pipe (up to 1" dia.) for hot water line with fittings.	Ft.	15
4.	Removal of Dismantled items from the roof top	Nos.	2

6. PRE INSTALLATION CRITERIA:-

- a) Dismantling of damaged 2 nos. LPD ETC solar water heater and removal of dismantled items from the roof top.
- b) Space- Appx. 12ft. X 10 ft. shadow free area in roof top for each 500 LPD ETC system.
- c) Cold water matching tank's base height should be minimum 6ft. from the floor level of the terrace.

7. POST INSTALLATION CRITERIA:-

Each System's output hot water will be connected with the existing pipe line laid at the rooftop adjacent to the system.

8. GENERAL GUIDELINES:

- i) The interested bidders may visit the roof top of New Hostel building to have an exact idea regarding the specification, to be installed, before submission of bid.
- ii) The work to be completed within **14 (fourteen)** days of receipt of work order as per delivery schedule.
- iii) Utmost importance should be given on the quality of work. It should be strictly as per specification and standard of the approved sample.
- iv) Any item of substandard quality will be rejected out-right and the Director General of ATI, WB has the right to cancel the order.

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- v) The lowest price quoted in the cumulative amount should be treated as L1 bidder and work order will be issued to that bidder.

9. **SCHEDULE OF DATES:**

- (a) Date and time of download of NIQ documents – From ~~20~~./01./2020 to ~~23~~./01./2020.
- (b) Last date and time of receiving quotation document – ~~27~~./01./2020 up to 11.00 a.m.
- (c) Date and time of opening of quotations - ~~27~~./01./2020 at 12.00 noon;
- (d) Place of opening of quotation: In the Official Chamber of Deputy Director, ATI.
- (e) Validity of quotations: 90 Days.

SECTION-II**GENERAL COMMERCIAL DETAILS****10. PROCEDURE AND TIME FOR SUBMISSION OF DOCUMENTS:**

- a. *The Quotation superscripted as "Quotation for installation of 2 nos. 500 LPD ETC Non-Pressurized solar water heater at the Administrative Training Institute (ATI)" addressed to the Deputy Director (Administration) of ATI, WB, FC-Block, Sector-III, Salt Lake City, Kolkata-700106, must reach not later than 11.00 a.m. on. 27/.../.../ 2020.*
- b. *After expiry of the scheduled date & time, no quotation will be accepted under any circumstances.*
- c. *Rates per unit of area should be quoted both in figures & words. Rates should be quoted in Indian whole Rupee without any paisa.*
- d. *Rates should be quoted in the 'PRICE BID FORMAT' (Annexure-I) as per prescribed in the Quotation Document.*
- e. *Prices once quoted shall be firm and final and no upward revision shall be allowed. There shall be no overwriting in the price amount. Any correction in the price amount shall be authenticated by the bidder.*
- f. *Prices shall be inclusive of all taxes, GST, duties, levies, transportation, freight and delivery charges etc.*
- g. *Along with the quotation documents the bidders has to submit the following forms as well as credentials (self-attested) as per annexure:-*
 - i) *Photo Copy of PAN.*
 - ii) *Photo Copy of GST registration.*
 - iii) *Covering Letter for Price Bid. (Annexure-I)*
 - iv) *Price Bid Format (Annexure - II)*
 - v) *Trade license (self-attested)*
- h. *The quotation Documents must be submitted in the prescribed quotation form procured from and issued by the Administrative Training Institute, Government of West Bengal.*
- i. *The bid should not be conditional and inconsistent with the terms and conditions of the Quotation Notice. Conditional bid shall not be considered and stands rejected.*
- j. *Submission of the quotation on the basis of the quotation notice will bind the bidder for acceptance of all conditions stipulated in the quotation notice.*
- k. *ATI, WB reserves the right to amend or withdraw any of the terms and conditions contained in the quotation documents or to accept or reject any or all the quotations without assigning any reason whatsoever. The decision of the Director General of ATI, WB in this regard shall be final and binding on all.*

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11. SEALING OF BID:

- (i) *Sealed bid documents in prescribed form and complete in all respect in accordance with the terms & conditions of the quotation along with the supporting documents/ attachments are to be sealed and marked in favour of Administrative Training Institute, West Bengal.*
- (ii) *All the annexures in the quotation form should be legible and filled in clearly.*

12. EVALUATION OF BID:

Bids will be opened at scheduled time and date in the presence of the authorized representatives of the bidders who wish to be present. After evaluation of the bids received, ATI, WB would issue the Letter of Acceptance to the lowest bidder. In case of "TIE", the decision of the ATI authority would be final and binding. The purchaser does not bind itself to accept the lowest bid or assign any reason of non-acceptance.

13. Completion Schedule:

*The whole Repair and renovation work should be completed at the ATI premises. The date of completion shall be calculated from the date of receiving / sending the order through e-mail to the agency by the Institute. Repair and renovation work should be done within **14 (fourteen) days** from the date of issue of supply order without any fail.*

14. TERMS OF PAYMENT:

- (i) *The payment shall be made to the agency on production of bill approved by the Sub- Assistant Engineer (Civil), ATI, WB for the Quality work done. In case, the work are not up to the satisfaction of the authorities, suitable deduction will be made from the payment of the agency at the discretion of Director General ATI, WB whose decision shall be final and binding on the agency. The payment will be made by the Joint Director (Accounts), ATI, West Bengal, through cheque after due verification and passing of the bills by the competent authority. Penalty, if imposed, will be deducted from the Bill(s) and/or Security Deposit.*
- (ii) **No advance payment in any case will be made.**
- (ii) **Price escalation:** *The execution of work shall not attract any clause towards escalation of price.*

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15. ARBITRATION:

In case of any dispute of differences, breach and violation relating to the terms of the supply the said dispute of difference shall be referred to the sole arbitration of Director General, ATI or any other person appointed by him for the purpose. The award of the Sole arbitrator shall be final and binding on both the parties. The adjudication of such arbitrator shall be governed by the provisions of the Arbitration and Conciliation Act, 1996, or any statutory modification or re-enactment thereof or any rules made thereof. The arbitration shall be held in Kolkata only. The legal proceedings, if any, arising out of the contract, shall have to be lodged in the appropriate Court or Legal Forum at Kolkata.

16. FORCE MAJEURE:

At any time during the continuance of this contract, the performance in whole or in part by either party or any obligation under this contract is prevented or delayed by reason of any war, or hostility, acts of the public enemy, civil commotion, sabotage, fires floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as 'events') provided the notice of happenings of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, then neither party shall, by reason of such event be entitled to terminate this contract nor shall either party have any such claim for damages against the other in respect of such non-performance and work under the contract shall be resumed as soon as practicable after such event may come to an end or cease to exist, and the decision of the Institute as to whether the work have seen so resumed or not shall be final and conclusive, provided further that if the performance, in whole or part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days either party may, at his option terminate the contract.



20.07.2020

**Deputy Director (Administration),
ATI, WB**

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ANNEXURE-I

COVERING LETTER FOR PRICE BID

Date:

To
The Deputy Director (Administration),
Administrative Training Institute,
Government of West Bengal,
FC-Block, Sector-III, Salt Lake,
Kolkata - 700106.

SUB.: INSTALLATION OF 2 NOS. 500 LPD ETC NON-PRESURIZED SOLAR WATER
HEATER AT ADMINISTRATIVE TRAINING INSTITUTE (ATI) WEST BENGAL,
SECTOR-III, FC-BLOCK, SALT LAKE, KOLKATA-700106.

Dear Sir,

With respect to the above mentioned subject please find our price bid offer. Our price bid is kept valid for a period of 90 (ninety days) from the date of bid opening. We do accept all the terms and conditions of the quotation document.

If at any point of time we deviate from the quotation terms and conditions, ATI has the right to cancel our work order without giving any clarification to us.

Thanking you,

Sincerely,

Dated:

Place:

(SEAL & SIGNATURE OF THE BIDDER)

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ANNEXURE - II**PRICE BID FORMAT**

<u>Sl. No.</u>	<u>Description of Items</u>	<u>Quoted Amount (Inclusive of All taxes)</u>
1.	Installation of 2 nos. 500 LPD ETC Non-Pressurized solar water heater at Administrative Training Institute (ATI), W.B.	

AMOUNT IN WORDS:**Signature & Seal of bidder**

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Date: ..20.../...01.../2020

Copy forwarded for information to:

1. Joint Director (Accounts), ATI
2. S.A.E. (CIVIL), ATI, WB with a request to take effective measures for smooth completion of the Quotation proccss.
3. Shri APARNA DAS, APO(IT) , with a request to kindly upload the NIT on the ATI Website

Sun
20.01.2020

Deputy Director (Administration)
ATI, WB