



Date: 19-07-2025

CORRIGENDUM-02

Subject: Corrigendum in e-Tender for “Supply, Installation, Testing and Commissioning of Heat Pump Water Heater and associated electrical work at Resident Hostel, Nursing Hostel & PG Hostel at AIIMS Raipur.”

Reference: NIT No.: 10/SE/AIIMS/RPR/2025-26,

Tender ID: 2025_IMSRP_866975_1

Corrigendum Title: Corrigendum in Technical bid

Changes to be considered in the above referred Notice Inviting e-Tender

S.N.	Page No. /Clause/Point No.	Existing	To be read as
1.	Page no. 6 & 7	Last Date & Time of Submission By 22-07-2025 UP TO 15:00 Hours through online Date & Time for opening of Technical Bid: On 23-07-2025 at 15:30 Hours.	Last Date & Time of Submission By 29-07-2025 UP TO 15:00 Hours through online Date & Time for opening of Technical Bid: On 30-07-2025 at 15:30 Hours.
2	Page No. – 3.1 (Schedule of Quantity)	Supply Instalation, Testing, Commissioning of packaged egytnergy efficient Air to Water Heat Pump made with water resistant materials and capable for outdoor installation Heat pump delivering actual capacity as per the following parameters duly installed at site. Heat pumps shall be rated at 9.56 KW of input power and 42 KW of output power. Refrigerant used should be environment friendly R-410a. Heat pump should heat water upto 55°C on heat pump mode. It shall have silent operation and the sound level should not exceed 65 dB at 1 meter from the unit. The compressor of the heat pump should run on EVI (Enhanced	Supply Installation, Testing and Commissioning of packaged energy efficient Air to Water Heat Pump made with water resistant materials and capable for outdoor installation Heat pump delivering actual capacity as per the following parameters duly installed at site. Minimum Hot water required from Heat pump per hour: 800 L/hr at 15°C (Ambient temperature). Coefficient of performance should not less than 4.30 at dry/wet bulb temperature of 20°C/15°C, The initial water temperature of the water tank being 15°C

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		<p>Vapor Injection) Technology which allows heat pump to operate efficiently even in extremely cold conditions upto - 15 degree C.</p> <p>Refrigerant: Must be Environment friendly R-410a/6.8 kg Nominal Input Power - 9.56 KW Output Heating capacity - 42 kW Minimum Hot water required from Heat pump per hour - 1250 lit/hr Coefficient of performance should not less than 4.39 at dry/wet bulb temperature of 20°C/15°C, the initial water temperature of the water tank being 15°C and the final water temperature is 55°C Heat pump shall have LCD display control panel with built in diagnostic and troubleshooting information Heat pump should have an inbuilt cycle for defrosting in case icing occurs on evaporator. with inbuilt tube in tube type heat exchanger. All other mounting, fitting and controls Suitable for electric supply of 380 +/- 10 % volts & 3N~ 50 hz The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods Heat pump shall have LCD display control panel with built in diagnostic and troubleshooting information Heat pump should have an inbuilt cycle for defrosting in case icing occurs on evaporator. with inbuilt tube in tube type heat exchanger. Suitable for electric supply of</p>	<p>and the final water temperature is 55°C, Refrigerant used should be environment friendly R-410a, Heat pump should heat water upto 55°C on heat pump mode,</p> <p>It shall have silent operation and the sound level should not exceed 65 dB at 1 meter from the unit,</p> <p>The Technology should allows heat pump to operate efficiently even in extremely cold conditions,</p> <p>Heat pump shall have LCD display control panel with built in diagnostic and troubleshooting information, Heat pump should have an inbuilt cycle for defrosting in case icing occurs on evaporator with inbuilt tube in tube type heat exchanger, All other mounting, fitting and controls panels suitable for electric supply of 380 +/- 10 % volts & 3N~ 50 Hz shall be included,</p> <p>The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods.</p> <p>Note: The cost of any plumbing work i.e. pipe line (CPVC pipe line), fittings and associated work from and in between the Heat Pump, Hot water tank, circulating pump, return line pump, pressure pump and to the end point of the hot water pipeline provided at the building terrace is</p>

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		380 +/- 10 % volts & 3N~ 50 hz The heat pump shall have an in-built facility to start /stop depending on variation in demand at different periods	included in the item.
3	Item no. 3.2	Hot water mixing tank: Tank Specification Capacity/volume -5000 L Type - MS Horizontal Pressurized Tank Material & finish MS with EPC Polymer Ceramic Coated inside, rockwool insulation, Aluminium cladding 24 Gauge, with 24 KW electrical backup for each tank (6kw x4 nos=24 kw) Testing Pressure- 7 Bar testing with video proof Water temperature - 90 degree Mounting Horizontal Dimensions - ROCKWOOL INDIA make MINERAL wool of 48kg density and 24swg Aluminium cladding. 5 Years of warranty	SITC of Hot water mixing tank: Tank Specification: Capacity/volume -5000 L, Type - MS Horizontal Pressurized Tank Material & finish MS with EPC Polymer Ceramic Coated inside, Rockwool insulation 48kg density, Aluminium cladding 24 Gauge, provided with electrical backup for each tank, Testing Pressure- 7 Bar testing with video proof, Water temperature - 90 degree Mounting Horizontal Dimensions 5 Years of warranty
4	Item no. 3.3, 3.4 & 3.5	Note: Work involves complete SITC of pumps and includes control panel for arrangement.	

Note:

- a) Above changes will be applicable in BoQ bid (Financial bid)
- b) All other terms & condition will be remain unchanged.
- c) Corrigendum must be submitted along with technical bid as acceptance.
- d) The tender forms and other details can be seen / downloaded from the website <https://eprocure.gov.in> and www.aiimsraipur.edu.in.

Superintending Engineer
AIIMS Raipur (Chhattisgarh)