



भारतीय प्रौद्योगिकी संस्थान इन्दौर

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IIT Indore

Tender No.: IITI(MM)/CH/1/1A/571/DKR/2022-23

Dec 12, 2022

CORRIGENDUM

References: (i) Tender/NIT No.- IITI(MM)/CH/1/1A/571/DKR/2022-23

(ii) Tender ID - GEM/2022/B/2803852 dated 05/12/2022

Subject : Revision in Tender Specifications.

1. The Following corrigendum is hereby notified for information and necessary action by the bidders:

Sr. No.	For	Read As
(i)	Vacuum pump: Oil-sealed rotary vane vacuum pump. - Actual pumping speed: 180L/min or more - Ultimate pressure: 5×10^{-3} torr or better - Inlet & Outlet Connection: Standard - Oil capacity: Close to One liter - <u>Oil mist trap</u> with exhaust pipe & flange.	Vacuum pump: Oil-sealed rotary vane vacuum pump with 17 m ³ /h - Oil mist filter, Oil re-circulation - Automatic gas ballast control - positive pressure regulation when pump is off - Ultimate pressure: close to 10^{-3} torr - Inlet & Outlet Connection: Standard - Oil capacity: Close to One liter - Oil mist trap with exhaust pipe & flange.
(ii)	Moisture Probes/Sensors/Analyzers: - Type: Thin-film capacitive polymer sensor or better - Measurement range: 0 - 1,000ppm - Accuracy: $\pm 2^{\circ}\text{C}$	Moisture Probes/Sensors/Analyzers: - Type: Thin-film capacitive polymer sensor or better - Measurement range: 0 - 500ppm - Accuracy: $\pm 2^{\circ}\text{C}$
(iii)	Purification System - Attainable purity level: <1ppm - Circulation Blower: Frequency controlled up to 100 m ³ /h (Variable speed control, Max pressure: 5.9 Kpa, 220V, 3Ph, 50/60Hz) - Working gas: N2 or Ar Gas for Circulation - N2/H2 or Ar/H2 mixture gas for regeneration - Oxygen/Moisture removal capacity: 50L or more for O2 and 2,000g or more for H2O - Control: Programmable Logic Controller type	Purification System - Attainable purity level: <1ppm - Working gas: N2 or Ar Gas for Circulation - N2/H2 or Ar/H2 mixture gas for regeneration - Control: Programmable Logic Controller type - Automatic sequences purification regeneration process - Electro-Pneumatic valve for regeneration

सहायक कुलसचिव
(सामग्री प्रबंधन विभाग)
Assistant Registrar
(Materials Management Section)

	<ul style="list-style-type: none"> - Automatic sequences purification regeneration process - Electro-Pneumatic valve for regeneration - Single Column Purifier: Purifier charger Capacity 	<ul style="list-style-type: none"> - Single Column Purifier: Purifier charger Capacity -Facilities for automatic purging -Heat exchanger should be integrated
(iv)	<p>Solvent Trap</p> <ul style="list-style-type: none"> - Unit for removal of solvents contamination from the box - Adsorber: Activated charcoal or Chemical type for regeneration - manual hand valves which can be used to remove of solvents contamination from circulation, during exchange of the adsorber, without breaking the circulation of the gas purifier <p>Solvent absorption unit should be fully re-generable via PLC with a regeneration option provided in the touch panel controls.</p>	<p>Solvent Trap</p> <ul style="list-style-type: none"> - Unit for removal of solvents contamination from the box - Adsorber: Activated charcoal (5Kg) type for regeneration - manual hand valves which can be used to remove of solvents contamination from circulation, during exchange of the adsorber, without breaking the circulation of the gas purifier <p>Solvent absorption unit should be fully re-generable via PLC with a regeneration option provided in the touch panel controls</p>
(v)	<p>Freezer.</p> <p>Temperature range -30°C</p> <p>Working size 515 (H) x 220 (W) x 170 (D) to be installed on the end panel of the box.</p> <ul style="list-style-type: none"> - Storage box made of Stainless steel 	<p>Freezer (Optional); but the box should have the option to attach the freezer later.</p> <p>Temperature range -30°C</p> <p>Working size 515 (H) x 220 (W) x 170 (D) to be installed on the end panel of the box.</p> <ul style="list-style-type: none"> - Storage box made of Stainless steel
(vi)	<p>Qualification Criteria & Other Aspects:</p> <p>The vendor should have supplied minimum five systems in India and details should be furnished. Should have agents in India to provide after sales service, support, and maintenance.</p>	<p>Qualification Criteria & Other Aspects:</p> <p>The vendor should have supplied minimum 5 systems in IITs, NITs, IISERs or central institutions and details should be furnished. Should have agents in India to provide after sales service, support and maintenance.</p>

2. Last date of submission of online bid : **23/12/2022 @ 4:00PM**
3. Technical bid opening date: **23/12/2022 @ 4:30PM**
4. This will be treated as a part of the tender/NIT document.
5. All other terms & conditions of the tender/NIT remain UNCHANGED.

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