

Annexure-2: Technical Details to be included in the corrigendum

- 1) The published specifications for the vacuum pump, as per the Table-2: Bill of materials for section-2, Sr No. 17, are:

Type: Diaphragm pump (without gas ballast)

- Ultimate vacuum: ≤ 5 mbara
- Nominal Gas flow rate: 0.6-1.5 m³/h
- Vacuum Control System within a control range of 5-100 mbara

The revised specifications may be read as follows (rest of the specifications in the Table-2 remain unchanged):

S. No.	Description	Specifications	Quantity	Suggested make *
17	Vacuum System	Type: Diaphragm pump (without gas ballast) <ul style="list-style-type: none">• Ultimate vacuum: ≤ 5 mbara• Nominal Gas flow rate: 0.6-1.5 m³/h• Vacuum Control System within a control range of 5-100 mbar_a The downstream delivery pressure required is 1.8 - 4 bar_a	1 No	KNF, VacuuBrand, Pfeiffer

* These are suggested make and the bidder is not limited or restricted to the said brands. Any bid mentioning any brands other than suggested ones will be evaluated based on the corresponding technical specifications only.

- 2) The suggested makes for control systems are: Siemens, Allen-Bradley/ Rockwell Automation, GE Fanuc
Please note that the "These are suggested make and the bidder is not limited or restricted to the said brands. Any bid mentioning any brands other than the suggested ones will be evaluated based on the corresponding technical specifications only"
- 3) It is clarified that the compressed air utility is available at the site
- 4) It is further clarified that, as per the space available, the control system and the plant are to be placed on the same skid platform. The entire plant is to be designed within a footprint of 3.0 m (Width) * 1.0 m (Depth) * 2.0 m (Height).
- 5) Compressed air, process gases and electric power will be available at the wall adjacent to the site of installation (IIP scope). The process gases are to be vented to a central suction blower (IIP scope), 20 ft away from the site of installation using PVC pipe of suitable dimensions.
- 6) It is further clarified that the supply of the adsorbents is in the scope of IIP.
- 7) It is further clarified that the Skid MOC should be MS (powder-coated skid) or Aluminium extrusion profiles.
- 8) It is further clarified that the wet gas meters should be chosen for a maximum inlet pressure of 1.5 bara (overpressure 500 mbar).

Please Note that Tender Submission date on GeM Portal extended upto 08.07.2024, 2:00 PM