

Corrigendum – II

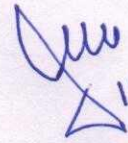
Supply Installation Commissioning of Vacuum Pump -50 Nos.

Tender ID 2023_CSIR_174898_1 Dtd 17.11.2023
PUR/ICT/DMS/892/RE/22-23

Sub: Revised/Amended Specifications Subsequent to PBC

The revised / Amended specifications subsequent to PBC is attached herewith along with minutes of PBC. Bidders may take a note of the same and submit their bid accordingly positively on or before 26.12.2023 (13:00 Hrs)

Bidders may take note of the amendment and submit their bids accordingly.


12.12.2023

(Dharmendra Kumar)
Controller of Stores and Purchase

Minutes of Pre-Bid Conference (PBC) held on 28-11-2023 for proposed procurement of "Supply, installation and commissioning of VACUUM PUMP 50 Nos" –

Chairpersons / Members of the Technical Sub Committee (TSC) present during PBC including domain experts present during PBC:-

1. Dr N Lingaiah Chairman
2. Dr. Pratyay Basak, Member
3. Dr. Jithender Reddy, Member
4. Dr Sreepriya Vedantam, Member
5. Shri D Venkateshwar Rao, Member
6. IO/PL –Dr. M. Sridhar Reddy

Representatives of the following firm attended the PBC:

1. M/s AMIS International Representing Welch
2. M/s IR Technologies Representing Labtech
3. M/s Inkarp Instrument Representing Heidolph

The following points were discussed during the PBC:

Query raised by M/s. Inkarp Instruments, and response of CSIR-IICT:

Query-1: Oil free pump and suction capacity should be \leq or \geq $2M^3/hr$

Response: It is corrected to $\geq 2M^3/hr$

Query-2: Nominal diaphragm/valve life can be 10000 operational hours instead of 12,000, as anyway the warranty is given for the whole system for 3 years?

Response: It would be changed to 10000 hours

Query raised by M/s. AMIS International, and response of CSIR-IICT:

Query-1: Valves and non-return valves to be made of only FFKM or is it ok with equivalent material PEEK?

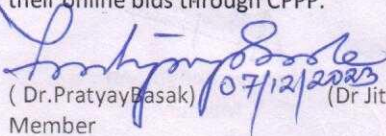
Response: We now include PEEK in the modified specifications.

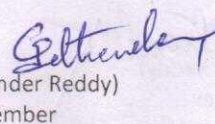
Query-2: The firm requested to Add CHF Swiss Frank in BoQ.


Response: COSP responded that if modification can be done without hampering calculation part of existing BoQ. Modification may be considered.

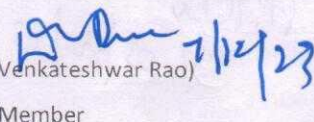
No Queries were raised by M/s. IR Technologies, and response of CSIR-IICT

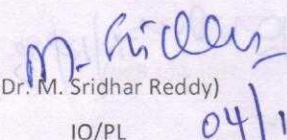
Minutes of the PBC with changes agreed (if any) will be uploaded in due course at CPPP for information and reference of prospective bidders on or before **05.12.2023**. All bidders are requested kindly to take a note of changes in tendered specifications subsequent to PBC held today, i.e. 28-11-2023 before they start submitting their online bids through CPPP.



(Dr. Pratyay Basak) 07/12/2023
Member


(Dr. Jithender Reddy)
Member


(Dr. Sreepriya Vedantam)
Member


(Dr. Venkateshwar Rao) 21/12/23
Member


(Dr. M. Sridhar Reddy) 04/12/23
IO/PL


Dr N Lingaiah 7/12/2023
Chairperson

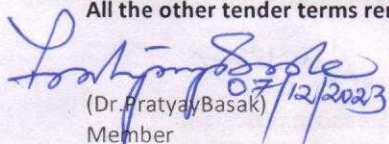
Revised Specifications/Corrigendum

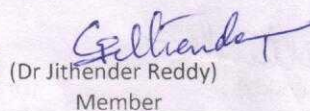
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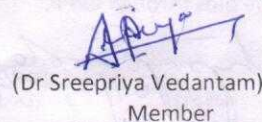
Vacuum Pump – Specification

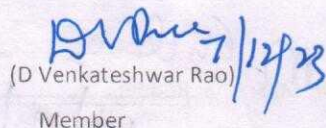
- Oil free pump and Suction capacity should be $\geq 2M^3/hr$ equipped with integrated vacuum controller (knob) and pump to be used for more than one rotavapor at a time and able to control the vacuum (two inlets) independently with inbuilt system.
- Chemically resistant diaphragm made of PTFE.
- Ultimate vacuum in mbar ≤ 7 mbar.
- Power voltage: (± 10) 230 V $\sim 50/60$ Hz
- Sound level ≤ 50 dBA
- ATEX Conformity/CE Conformity/ROHS Conformity required
- Should be equipped with inlet condenser trap and outlet vapor trap with protection along with the required hose nozzles DN-8-10 mm.
- Nominal Diaphragm / Valve Life should be at least **10,000** or more operational hours
- Continuous operation with inlet pressure < 100 mbar
- Valves and non-return valves to be made of **FFKM or PEEK**
- Nominal Bearing life atleast 35000 or more operational hours
- Direct Drive system and no belt
- Degree of protection IP 20 or better
- Comprehensive warranty for 3 years.
- The bidder should have executed at least one similar order(s) successfully during the preceding three financial years to government institute or organizations or major industry.
- All Technical, Material of Construction and Chemical Compatibility to be proven with supporting documentary evidence
- Demo to be conducted after technical approval for at least half an hour at our site for evaluating the specs

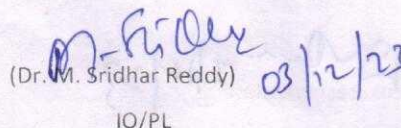
All the other tender terms remains unchanged. Bidders may please submit their bids accordingly.

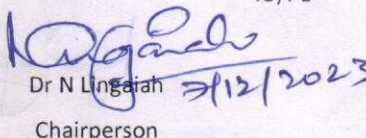

(Dr. Pratyay Basak)
Member


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(D Venkateshwar Rao)
Member


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IO/PL


Dr N Lingiah
Chairperson