

Technical Specifications of Coriolis Mass flow meter – 2 unit**Bidder Eligibility Criteria-I**

Sl. No	Bidder Eligibility Criteria-I	Complied / Not Complied	Reference Page No.	Remarks, If any
1	The bidder/OEM should have supplied a similar items to IITs, NITs, IISERs, CSIR Labs or other Govt. R&D organizations in the last 5 years, PO copies or installation certificates along with contact details of end user need to be submitted as the proof of supply. IIT Madras reserves its right to verify the claims submitted by the bidder and the feedback from the previous customers will be part of technical evaluation.			

2.0 Technical Specifications II

Sl. No	Description	Remarks	Complied / Not Complied	Reference, Page. No.
1.	Working fluid	liquid solution (R134a+DMF) Where, R134a - 1,1,1,2-Tetrafluoroethane DMF - Dimethylformamide		
2.	Operating Temperature Range	0 to 90°C		
3.	Max. Pressure	20 bar abs		
4.	Density (at 35°C, 270 kPa and 0.5 mass fraction of R134a)	1127.5 kg/m ³		
5.	Viscosity (at 35°C, 270 kPa and 0.5 mass fraction of R134a)	4.2 x 10 ⁻⁴ Pa.s		
6.	Input signal	24 V DC supply		
7.	Remote Display	3.5"		
8.	Interface connection	6 feet (Communication cable to Interface with software)		
9.	Warranty: Minimum one year warranty period from the date of installation.			

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)