

Tender Ref No: TIFR/PD/CF24-102/240900

Supply, Installation, Testing and commissioning of fire detection & alarm system, VESDA and total flooding clean agent IG 541 gas fire suppression system for Petawatt Laser Facility,TIFR,Survey No. 36/P, Gopanpally (Village), Serilingampally (Mandal), Ranga Reddy Dist.,Hyderabad-500046.

S.No	Pre-Bidding Meeting Queries	Reply to queries by TIFR
1	Tender fee applicable for this tender.	There is no tender fee
2	This bid is online/offline.	Offline
3	Confirm website and physical submission is mandatory/not.	WWW.TIFRH.RES.IN,Physical Submission is Mandatory
4	Confirm Bid Submission address.	Tata Institute of Fundamental Research 36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy District, Hyderabad 500046
5	EMD in the form of BG/FDR that is also a valid in all the tenders.	Yes
6	Is there EMD exemption available.	No exemption for EMD
7	Confirm clean agent fire suppression & Fire alarm & detection system executed by the bidder also qualify for the following criteria.. 9.1. One similar work costing Rs. 99.3 Lakhs or 9.2. Two similar works costing Rs.74.5 Lakhs or 9.3. Three similar works costing Rs.49.6 Lakhs during the last 7 financial years ended on the end date of receiving tender for Research Institutes, Universities, Private Laboratories, R & D institutes, etc. in any Government /PSU/Private organizations of repute.	Yes, The work orders & completion certificates should indicate that agency have completed clean agent fire fooding system & fire alarm system and meet the cost as indicated in tender will be qualified
8	For dump test, only two cylinders to be used for dump test. TIFR will create the suitable size of room for the same.	Yes, TIFR will create rooms as size suggested by vendor for 2 cylinders
9	As VESDA system is single pipe system, one additional monitor module to be provide for looping with fire alarm system for activation of clean agent system.	Yes, since we asked this as whole system, you need to provide complete solution.
10	At BOQ sl. 5 specified that the UL / FM approved brass, stainless steel, EPDM Manifold as per technical specifications for 18 nos. cylinder to be supply. Kindly note that the cylinder manifold will be made of Carbon Steel pipe and not of Brass / Stainless Steel, as well this will be locally fabricated & thus do not have UL / FM approval. Kindly confirm. Also your required system is only for single area/room, therefore no direction valve is required for this system. The cylinder manifold will be directly connected to room piping. Please confirm.	There are brass/ stainless steel manifolds are available in the market. As long as UL/FM approvals are available, we demand it otherwise we will go for as OEM suggests. Directional valve has given considering partion in the space in future. So please consider this.
11	Kindly mark the protected room of the Clean(IG541) agent system in the Autocad drawing so we will get more clarity about the clean agent system and layout with clear dimensions	We willprovide the CAD file.
12	Existing Main fire alarm control panel make and model number	No existing system is available as this is the new building.
13	Existing BMS system make for BMS integration	No existing system is available as this is the new building.
14	Make list for Fire suppression system if available	Any make subjected to meeting all technical specifications
15	The global international approvals like UL/FM/VdS/LPCB/EN are acceptable for the Fire alarm & detection system,The global international approvals like UL/FM/VdS/LPCB are acceptable for Clean agent system as per NFPA2001 Latest Ed.2022 by M/s. TIFR.	M/s.TIFR will accept any global international approvals as indicated in tender.The IG 541 cylinders should have PESO as local guidelines are available.
16	We will provide the burst disc for the cylinders as per UL/FM/VdS/LPCB approval taken by OEM of Inert gas system.	Agreed
17	Kindly clarify whether Silent discharge nozzles or normal nozzles are required for the Inert gas system. Both have commercial implications. What is the Db level of nozzle required in the protected room.	It is silent discharge nozzles and should be less 60 dB
18	As the fire alarm panel is standalone type (One Panel), the networking through LAN is not applicable in this tender, Please confirm the same.	Fire alarm panel should be intergrated/communicated to third party BMS system. So panel should have this provision
19	As the VESDA (Aspirating detector) can be installed separately without need of Fire Alarm Panel, most of the OEM gives standalone aspirating detector, which can not be connected to SLC, Please accept the standalone Aspirating detector instead of addressable Aspirating Detector.	No, VESDA should be integrated with SLC as indicated
20	Inert gas system, Fire Alarm & VESDA system will go with different OEMS's.	No, all are shall be from same make only inview of easy integration and maintenance.
21	Kindly clarify the room integrity test is required for Clean agent system or not.	For the cleanroom
22	In BOQ there is a requirement of 18 nos mains cylinder for protecting areas of 1450 CUMM. It requires 18 nos of main cylinders. We could not find 100% standby cylinders qty in BOQ. Please clarify whether standby cylinders or not	We have not consider the standby cylinders in this tender.