Tender No-TPSODL/OT/2023-24/037					
Package Name:-Rate Contract for SITC of addressable type fire detection and alarm system in sub stations of TPSODL					
Reply to Additional Techno Commercial Pre Bid Queries					
Sr. No.	**Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No**	**Description as per Bid Document**	**Remarks - Query / Clarification**	**TPSODL Response On Dated-29-08-2023**	**Additional Query Received On Dated-29.08.2023**	**Revised/Final Response By TPSODL**
1	2	3	4	5	6	7
1	Page 34 of 277 of tender document clause 5.2 SYSTEM DESCRIPTION AND OPERATION	service life of 30 years.	Please amaend service life to 10 years as this is normal life any safety equipment	Specification to be complied	10 years is life of fire panel , also scope covers only three years , hence requesting you to accept 10 years service life.	**Specification to be complied**
2	Page 36 of 277 of tender document clause 5.5.11 Reporting	The software running on the Fire Alarm PC shall be capable of producing alarm reports, diagnostic check reports, fault occurrence reports, layout graphics of the individual detectors, routing and location, especially when there is any alarm or occurrence of fault.	This clause is not applicable as reporting software is not part of BoQ	BA should provide the Software. Price of software should be included in ITC part	As per our earlier proposed solution in 90 locations there were no software required for fire alarm system. Please calrify the purpose of fire software.	**OK, Softeware is not required**
3	Page 38 of 277 of tender document clause 5.6 FIRE ALARM CONTROL PANEL	Main fire Alarm panel shall have floor mounting with IP55 Enclosure.	As the panel is going to be use in indoor environment , hence please amend clause to IP55/NEMA 1 enclosure as same is installed across TPSODL locations.	Specification to be complied	We have supplied Panel with NEMA1 enclosure as it will be installed in indoor environment. Please accept.	**Noted**
4	Page 20 of 277 of tender document Annexure-I	SITC of 2 Pair X 1.5 sq.mm copper conductor, armored, RED colour FRLS,	We need 2 core cable for Fire Alarm system , Please amend this clause to 2 Pair/ 2 Core 1.5 Sqmm copper conductor, armored, RED colour FRLS, as it may vary OEM to OEM based on panel configuration.	Specification to be complied	2 core 1.5 armored cable was earlier supplied, please accept same cable.	**Specification to be complied**
5	Page 49 of 277 of LIST OF PREFERRED MAKES	FA cable Delton / Vindhya Telelink / Ravicab / Finolex/Polycab	Please amend makes to FA cable Delton / Vindhya Telelink / Ravicab / Finolex/Polycab/ Masterflexo as same is already supplied across TPSODL.	Specification to be complied	Please accept Masterfleo as same makewas supplied in 90 locations of TPSODL.	**OK accepted**
6	Page 43 of 277 of 5.9 ADDRESSABLE MANUAL CALL POINTS	Manual call point with outdoor mounting should be of IP65 rating.	Manual call point ony 1 no per site will be indoor type only. Please clarify.	Manual call point shall be of outdoor type	Here earlier we had installed inddor type MCP as same will be installedinindoor location. Please accept indoor type MCP.	**OK**
7	48 of 277 Cl. of Tender Doc.5.2	LIST OF PREFERRED MAKES	We reuqest to add OEM M/s Autonica make Fire Alarm system as same meets all the criteria as per the specification, Moreover, we have executed completed and commisionined TPWODL 170 stations in the current financial year.	Noted	If M/s Autonica is not in approved make list, if M/s Autonica is approved by TPSODL then we want to propose other makes like Ravel etc. we suggest please follow tender make list and amend corrigendum.	**M/s Ravel make may be accepted.**
8	Clause No. - 5.20 LIST OF PREFERRED MAKES	Main Fire Control Panel (UL /FM /ULC Approved) - Apollo/ Edwards / Siemens (XLS) Honeywell/Notifier/ System Sensor. Repeater Panel Smoke detector			We will consider make as per complied specification. Here it is mentioned as preffered make, so we can consider other than this make also, which will be compliaed to specification. Please confirm	**M/s Bosch is allowed**

Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response On Dated-29-08-2023	Additional Query Received On Dated-29.08.2023	Revised/Final Response By TPSODL
9	Page 36 of 277 of tender document clause 5.5.11 Reporting	The software running on the Fire Alarm PC shall be capable of producing alarm reports, diagnostic check reports, fault occurrence reports, layout graphics of the individual detectors, routing and location, especially when there is any alarm or occurrence of fault.			Kindly confirm, whether we have to consider GUI software or HMI software. Also please share the no. of location where we need to consider Software along with PC.	**No Separate software required**
10	Clause No. - 5.12 BOQ line item - 6	The outdoor type hooter cum flasher should be of IP65 in nature. SITC of Electronic Hooter/Multi tone sounder (must have inbuilt short circuit isolator,) (UL /FM /ULC/Vds Approved) Indoor type			As per BOQ, Indoor type hooter is required, however as per Specification Outdoor type hooter is required. As per our understanding & requirement, we will consider Indoor type hooter. Please confirm	**Indoor type required**
11	Clause No. - 1.9	1.9 Multi-sensor intelligent addressable detector □ Multisensory (with in-built flasher) detector with integrated optical detector and heat detector, with time-controlled signal analysis and weighted data combination of both detector functions for detecting smoldering fires and fires with extreme heat generation. Optical sensing shall be carried out by 2 infra-red LED transmitters across 2 separate optical detection angles. This sensor shall process both the forward and backward scattered light caused by entering the detection chamber of Device, allowing the detector to differentiate between real smoke and non-smoker particles e.g. steam & dust.			As per BOQ, Multisensor detector need to consider. As per our understanding, 2 infra-red LED transmitters across 2 separate optical detection angles need not be considered to cater the application.	**Only Multisensor detector required which consists of IR LED light, Thermister & IR transmitter.**