भारत सरकार
Government of India
कार्यालय मुख्य अभियंता (न0दि0अं0–3)
Office of the Chief Engineer (NDZ-III)
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पत्र संख्या: 23(53)/2025–26/यो0शा0/न0दि0अं0–3/ 490-दिः दिनांकः– 26-02-2026

Minutes of Pre Bid Meeting

Sub: Regarding Pre bid meeting held on 25/02/2026 at 03:00 PM.

Name of Work: Replacement and up gradation of existing fire safety system in main R&D building, CDOT Campus, Mandi Road, New Delhi. (SH: Electrical & Civil Work)

NIT No. 54/CE/NDZ-3/2025-26

The following Officers of CPWD and OEM/Agencies have attended the pre bid meeting :

CPWD Officers	Agency
Sh. Navin, Chief Engineer, NDZ-3 (Chair)	Sh. Chandra Prakash Yadav, MEP Engineer/M/s National Construction. ***Email: national.const@yahoo.com***
Sh. J P Meena, E E(E), DED 302	Sh. Atul Anand, M/s Svarn Cables. ***Email: atulanand1900@gamil.com***
Sh. Sandeep Pal, AE (E), DED 302	
Sh. Vinod Kumar, AE(P)E, NDZ-3	
Sh. Amar Chand Meena, AE (E)(P), DED 302	
Sh. Sachin Verma, JE (E), DED 302	

The points discussed in the pre bid meeting are as below:-

S.No	Query Raised	Clarification
1.	Sh. Atul Anand, M/s Svarn Cables. Has requested to add their make of M/s Svarn Cables for all type of cables in NIT	No change in NIT.

2.	Sh. Chandra Prakash Yadav, MEP Engineer/M/s National Construction has raised the following points:- a) Sub Head I BOQ Item No. 19 : wattage of speaker not mentioned.	Competant authority has decided the following:- a) Wattage of speaker shall be included and nomenclature of item shall be changed as per DSR(E) 2025.
	b) Sub Head I BOQ Item No. 36 to 38 & 42 to 43 (i.e water curtain nozzle, Deluge Valve with trim assembly) Makes of HD Fire,Padmini & G Tech to be included.)	b) No change in NIT.
3.	M/s Edwards (OEM of Fire Alarm) had raised the following queries vide their E Mail dated 25/02/2026 : a) On NIT Page No. 45,46,47&52, the IP rating mentioned in the specifications to be removed.	Competant authority has decided the following:- a) No change in NIT, as the specifications of Fire Alarm items are as per the CPWD Specifications Part VI (Fire detection and alarm system).
	b) The International standard I.e NFPA/EN. In which EN to be removed as only single make in EN certified. available to work at a time.	b) No change in NIT, as the specifications of Fire Alarm items are as per the CPWD Specifications Part VI (Fire detection and alarm system).
	c) The Sound level (db) & Light Intensity level (cd) of strobe cum sounder shall be 85db and 15 cd respectively.	c) No change in NIT, as the specifications of Fire Alarm items are as per the CPWD Specifications Part VI (Fire detection and alarm system).

4.	CDOT authorities vide their E mail dated 25/02/2026 has requested to incorporate the following:- a) In BOQ item No. 2 (NIT page No. 72) =-It shall be based on oneM2M standard. The communication between the Fire Alarm Panel and Building Management System and cloud application shall be based on the OneM2M standard. b) In BOQ item No. 3 (NIT page No. 72) - This system must be compliant with the OneM2M standard. This system shall be integrated with C-DOT CCSP (IoT Platform). c) In BOQ item No. 8 (NIT page No. 73) – The Infra red flame detection to be kept optional d) In BOQ item No. 27 (NIT page No. 75) – This system must be compliant with the OneM2M standard. This system shall be integrated with C-DOT CCSP (IoT Platform).	**Necessary modification shall be incorporated in the BOQ Items.**

In view of above, the following modifications to be incorporated in the NIT

Sl. No	Reference	Existing	To be read as
1.	NIT Page No. 72 , Item No. 2	Supplying, installation, testing & commissioning of intelligent interface unit One M2M protocol i.e. supplying communication links between building management system and fire alarm control panel complete as required.	Supplying, installation, testing & commissioning of intelligent interface unit **based on OneM2M standard.** The communication between the Fire Alarm Panel and Building Management System **and cloud application shall be based on the OneM2M standard.**
2.	NIT Page No. 72 , Item No. 3	Supplying, installation, testing & commissioning of central graphical fire alarm management system to centrally monitor and operate the fire alarm system complete as required.	Supplying, installation, testing & commissioning of central graphical fire alarm management system to centrally monitor and operate the fire alarm system complete as required. **This system must be compliant with the OneM2M standard. This system shall be integrated with C-DOT CCSP (IoT Platform).**
3.	NIT Page No. 73 , Item No. 08	Supply, installation, testing and commissioning of Addressable Multicirteria (Smoke + Heat + CO) Detector. The detector shall be capable of Photo electric smoke, Heat, Carbon Monoxide & Infra Red Flame detection.	Supply, installation, testing and commissioning of Addressable Multicirteria (Smoke + Heat + CO) Detector. The detector shall be capable of Photo electric smoke, Heat, Carbon Monoxide etc as reqd.
4.	NIT Page No. 74 , Item No. 19	Supplying, installation, testing & commissioning of 6 inches dia, watts, 70/100 volts ceiling speaker complete as required.	Supplying, installation, testing & commissioning of 6 inches dia, **2 watts**, 70/100 volts ceiling speaker complete as required.
5.	NIT Page No. 75 , Item No. 27	Supplying and installation of Cloud based Facility Management Software, remote health monitoring solution shall utilize cloud based software-as-a-service web application & supplementary network gateway hardware. System shall provide secure web	Supplying and installation of **OneM2M standards compliant** cloud-based Facility Management Software, remote health monitoring solution shall be a web application **integrated with C-DOT CCSP (IoT Platform)** & supplementary network gateway hardware. System shall provide secure web access using browsers like Google Chrome

		access to cloud based web application using any of the web browsers like Google Chrome (preferable), Internet Explorer etc. from any computer/ tablet/ smartphone connected over internet via defined credentials – username and password. The cloud based web application shall capture all fire alarm system data as received from the system via supplementary gateway hardware of the same make as Fire Alarm Panel. The software shall display real time view of fire system effectiveness, multi-location unified view, custom dashboard, device level information, 100000 events, scheduled reporting, e-mail of critical alarms with 5-year Cloud subscription including testing and commissioning etc. complete as required.	(preferable), Internet Explorer, etc., from any computer/tablet /smartphone connected over the internet via defined credentials - username and password. The cloud-based web application shall capture all fire alarm system data received from the system via **CDOT CCSP Platform through** supplementary gateway hardware attached to the Fire Alarm Panel. The software shall display real-time view of fire system effectiveness, multi-location unified view, custom dashboard, device-level information, 100,000 events, scheduled reporting, e-mail of critical alarms with 5-year subscription, including testing and commissioning, etc., complete as required. **(C-DOT will provide necessary assistance for integration).**

Rest all the scope of work and terms & conditions shall remain same as per NIT.

This is being issued after approval of CE, NDZ-III.

Executive Engineer (P)

Copy to

1. Executive Engineer (E), DED-302, Trikoot-2, 3rd Floor, R.K. Puram, New Delhi for information and necessary action.

Executive Engineer (P)
26.02.26