

ANNEXURE A				
Reply to Pre Bid Queries				
Supply, Installation, Testing and Commissioning of Fire alarm system, Public address system , CCTV , IBMS for Retail building and IBMS for Commercial Office Complex building on plot no. CO3 at sector-21 of Naya Raipur				
NIT No. 159 /FA-PS-IBMS/VB/ELECT/CE(E)/NRDA/2016-17, Naya Raipur		Dated: 27.01.2017		
Sl.	No. Title/Item No.	Description	Bidders Queries	Clarification
BUILDING MANAGEMENT SYSTEM				
1	Specification NRDA F-1 Page - 37, 1.3 D	The system shall enable an open architecture that utilizes EIA standard 709.1, the LonTalk™ protocol and/or ANSI / ASHRAE™ Standard 135-2007, BACnet functionality to assure interoperability between all system components. Native support for the LonTalk™ protocol and the ANSI / ASHRAE™ Standard 135-2007, BACnet protocol are required to assure that the project is fully supported by the HVAC open protocols to reduce future building maintenance, upgrade, and expansion costs	As per Clause No 1.3 E (page no 37) BACnet over IP / MSTP protocol is acceptable. Kindly confirm.	No Change
2	Specification NRDA F-1 Page - 38, 1.3 I	The field bus shall support the use of wireless communications	Field devices will be connected to DDC through wire, kindly confirm.	Plz ref modified I/O summary of Retail
3	Specification NRDA F-1 Page - 39, 1.3 N	Deployed system must satisfy system requirements to meet DIARMF (U.S. Department of Defense Information Assurance Risk Management Framework) compliance. Only exception is if system is employing a PEMS system such as described in subsection 1.6 Q. below.	Please clarify why DIARMF compliance is required since tender doesn't call for data export to any external system.	No Change
4	Specification NRDA F-1 Page - 39, 1.3 O	The system shall have the capability to provide a web-based AFDD (automated fault detection and diagnostic) system. The AFDD system shall be able to interface directly with the project BAS and energy/performance metering system to provide information on HVAC systems that are being controlled.	Please specify whether integration of energy / performance metering system with BAS will be over LAN.	No Change
5	Specification NRDA F-1 Page - 39, 1.3 P	The system shall have the capability to provide a web-based APEO (automated predictive energy optimization) system and enable effective participation in local utility Demand Response (DR) programs.	Please specify whether integration of local utility Demand Response with BAS will be over LAN.	No Change
6	Specification NRDA F-1 Page - 39, 1.3 Q	The system shall have the capability to provide a web-enabled PEMS (power and energy management system) monitoring system intended to monitor an entire electrical distribution infrastructure, from incoming utility feeds down to low voltage distribution points	Please specify whether integration of electrical distribution infrastructure with BAS will be over LAN.	No Change
7	Specification NRDA F-1 Page - 45, 2.1. A.3	The Enterprise Level BAS shall be able to host up to 250 servers, or NSCs, beneath it.	Please amend this clause on basis of I/O handling capacity i.e. The Enterprise Level BAS shall be able to host 1 lakh I/O points beneath it.	No Change
8	BOQ_CO3_BMS Sr. No.-3	Supply of Dongle / HARDWARE LICENSE for BMS Controller Commissioning. (If Required)	Software license should be free of Dongle / Hardware since it leverages the dependency on the OEM. Please confirm.	Read as Software license should be free of Dongle / Hardware
9	BOQ_Retail_BMS Sr. No.-9.1	SITC of Field Sensors (Refer IO Summary)	Please share scope details for Field Devices of HVAC and BMS for retail area	Plz ref modified I/O summary of Retail
10	XII IO Summary_Retail	Fire Status from Panel - DI-3 nos.	Fire Panel Software Integration can give all I/O to BMS still hardware integration is required, please confirm.	No Change
PUBLIC ADDRESS SYSTEM				
1	Specification NRDA F-1 Page - 96, E	The unit should be capable to route up to 28 simultaneous audio channels, delivers power to the system, reports faults, and controls the system.	Please clarify the connectivity between devices i.e analog or IP based.	IP based
FIRE ALARM SYSTEM				
1	BOQ Sl. No. - 1.1	Supply, installation, testing & commissioning of Networkable Intelligent Addressable Fire Alarm Control Panel (VDS/EN/UL-FM Approved) having provision of 12 loops expandable upto 18 loop , each loop capable of connecting upto 125 detector/devices , with 5.7" touch screen display	Touch screen display is limited to particular OEM, please allow LCD display with panel keys to serve the purpose of field programming.	No Change
2	BOQ Sl. No. - 1.3.1	Multi-Sensor combined (Photo + Thermal) detectors with in built fault isolator	Isolators will be provided after every 20 detectors / devices, please confirm.	No Change
3	BOQ Sl. No. - 1.3.3	Soft addressable intelligent micro processor based Smoke detectors Above/Below False ceiling with in built fault isolator with operating temperature range from - 20° C to +50°C	Isolators will be provided after every 20 detectors / devices, please confirm. As per NFPA ambient operating temp is 0°C to +38°C.	No Change
4	BOQ Sl. No. - 1.3.4	Soft addressable intelligent micro processor based Rate of Rise Thermal (Heat) detectors with in built fault isolator with operating temp range from - 20° C to + 50°C	Isolators will be provided after every 20 detectors / devices, please confirm. As per NFPA ambient operating temp is 0°C to +38°C.	No Change
5	Make list	FIKE/HONEY WELL(ESSER)/SIEMENS	Please amend the make list mentioning only "HONEYWELL" instead of HONEY WELL(ESSER).	No Change
CCTV				
1	Specification NRDA F-1 Page-55	O)The IP video management system shall utilize a Windows® 7 Ultimate 64-bit operating system.	The IP video management system shall utilize a Windows Server® 12 operating system. Since Windows 7 doesn't support redundancy.	Window 7 / Windows Server® 12 operating system
2	Specification NRDA F-1 Page-87	U. The IP video management system shall indicate system performance and operation status utilizing a variety of HTML reports.	It shall support both HTML & or Pdf reports.	It shall support both HTML & Pdf reports
3	BOQ CCTV Sr. NO.-1.5	1.5) Supply, installation, testing & commissioning of 4TB hard disk	Please share the recording resolution, fps to calculate the hard disk.	No Change
Extension				
1			For proper evaluation of bid ,Request you to extend the last date of submission by minimum 15 days & oblige	Plz refer corrigendum-1
Note :-Authorization Certificate is required from OEM				