Quotation for Annual Maintenance Contract of

IBMS System at Wankhede Stadium

DETAILS OF COMPANY

Name of Company   : _____

Year of Establishment   : _____

PAN No.   :_____

GST No.   :_____

Experience (No. Of. Years)   :_____

List of Similar work with Name of Clients   : _____

                                                    _____

                                                    _____

                                                    _____

Financial Quote:

For the Period of 1 Year ONLY   : _____

&

For the Period of 3 Years :

1st year   : _____

2nd year   : _____

3rd year   : _____

Note:

- Quote should be submitted for the Period 1 Year as well as for the Period of 3 Years

- Financial Quotes shall be submitted on Company Letterhead with Company Seal on every page after understanding the Technical Details mentioned in Annexure 1.

- No Director/Partner/Employee shall be directly or indirectly connected with the Association or its Affiliated Units.

- MCA reserves the right to accept or reject the offer without assigning reason whatsoever.

Annexure 1

Technical Details of IBMS System

1. Enterprise Building Integrator (Honeywell Software):

Life safety management Type & Security Management Server Type with the Below Options and Interfaces. (Database Server - 1 Qty. & Client - 1 Qty.)

a. Advanced Alarm Management

b. Alarm Pager

c. Display Builder and Quick Builder

d. Honeywell Digital Video Manager

e. Integrated Photo ID

f. Microsoft SQL Server

g. Network Server

h. Point Control Scheduler

i. BACnet Client Interface

j. Lon Works Interface

k. Modbus (RTU, Plus, ASCII & TCP) Interface

l. Temaline Interface

m. XLS200 and XLS1000 Interface

2. BMS System:

The Building Management System (BMS) is used in combination multiple third-party system to integrate them on single platform that can be managed from single desk & control certain parameters. BMS is capable of integrating several systems like FAS, CCTV & , Electricals etc. using standard input & output signals or using standard communication protocol & connectivity. BMS system consists of DDC controllers, Sub controllers, communication devices & field devices. Each DDC controllers are capable of taking digital & analogue signal input & digital & analogue signal output. Using convenient communication method all parameters from DDC controllers are downloaded in common database residing on computer machine loaded with central integrator software. For day-to-day operation DDC controllers are programmed with some standard logic which involves time base control & interlocking of input & output command (XL 8000 Series Controller – 1 Lot).

3. Digital Video Manager (Honeywell Software): Enterprise Video Management Software With the database Redundancy. (DVM-R700)

The objective of Digital Video System is to monitor events, activities and processes in specific controlled or general areas.

The system allows facility management & operations personnel to manage the facilities more effectively in terms of security.

The System:

 Provides live surveillance of the premises from a single location or distributed locations.

 Provides real time visual images of persons, activities and incidents within the control areas.

 Provides messages, live visuals and recordings at central location in case of abnormal activities or conditions, thus allowing immediate/pre-emptive security/control measures to be taken.

 Provides flexibility to maintain different levels of surveillance for areas within the same facilities.

 Provides ability to record video as per requirements and specific conditions instead of recording continuously.

 Increase detection rates by applying embedded Honeywell video analytics for "smarter videos", which activates recordings and raises alarms and events within EBI.

 Reduce storage cost and camera bandwidth consumption by using individually tuned camera settings and H.264 encoding technology.

 Seamlessly integrate multiple camera systems while at the same time each system is free to be managed autonomously in each location.

 Never lose access to live video or recordings by applying a fully redundant system architecture with minimal configuration overhead.

1. DVM Primary Database Server – 1 Nos.

2. DVM Secondary Database Server – 1 Nos.

3. Camera Server – 5 Nos.

4. Storage Server – 5 Nos.

6. DVM Client – 14 Nos.

7. Streamer – 70 Nos.

8. PTZ camera – 19 Nos.

9. PTZ IP camera – 03 Nos. (Make-Honeywell)

10. Dome cameras – 147 Nos.

11. IP dome cameras- 74 Nos. (Make-Honeywell)

12.IP Verifocal cameras- 23 nos. (Make-Honeywell)

13. Box cameras – 4 Nos.
14. Powers supply – 250 Nos.

4. Fire Alarm System (Honeywell): XLS1000 Fire alarm Panel integration with Honeywell Enterprise Building Integrator.

The Fire Alarm System mainly consists of following components:
Fire Alarm Control Panel (XLS-1000) - 2 Qty.
Signal Initiating Device
 Smoke Detector -1 Lot

 Heat Detector – 1Lot

 Multisensor Detector -1Lot

Evacuation Devices
 Monitor Module – 1 Lot

 Manual Pull Station – 1 Lot

 Control Module – 1 Lot

 Strobe cum Hooter – 1 Lot

 Hooter – 1 Lot

 Signal Module - Single Source – 1 Lot

5. Digital PA System (Honeywell):

The Public addressing system is designed to serve multipurpose task of playing music, to make general announcement or to transmit the fire tone under fire evacuate condition. These different signals are transmitted through the same set of speakers hence different levels of priority are assigned to different functions

The Public Address System mainly consists of following components:

LAP – 1 no.

Amplifier 4060 – 2 nos.

Amplifier 2120 – 1 no.

Amplifier 1240 – 2 nos.

Amplifier 1480 – 13 nos.

Amplifier 1380 – 1 no.

Amplifier 2020 – 1 no.

RNS speaker – 238 nos.

CAD speaker – 136 nos.

MCS speaker – 46 nos.

PH speaker - 25 nos.

Messenger - 16 nos

6. Network System:

This section defines the cabling system and subsystem components to include cable, termination hardware, supporting hardware, and miscellaneous any required to furnish, and to install a complete cabling infrastructure supporting voice & data. The Network Spread all over the Stadium for BMS System, CCTV Systems & MISC system - Core Switch Basic Layer 3 with redundancy - 24 Port: 35 Qty.

Horizontal Data & Voice Cabling System			
Location	System Type	Type Of Network	Number of N/W Points
SOUTH STAND	Category 6	Data	1 Lot
	Category 6	Voice	1 Lot
	Category 6	WIFI	1 Lot
	Category 6	SERVER DATA	1 Lot
	Category 6	STANGSTYLE	1 Lot
NORTH STAND	Category 6	Data	1 Lot
	Category 6	Voice	1 Lot
	Category 6	WIFI	1 Lot
	Category 6	STANGSTYLE	1 Lot

7. UPS System:

UPS System integration with Honeywell Enterprise Building Integrator Software &

80 KVA - 2 Qty, 60 KVA - 1 Qty & 20 KVA -1 Qty with battery backup of 8 Hours.

8. CTV, AV System, CCTV Spectator Monitoring System etc. install all over the stadium for the Event Purpose.

9. 24X7 Operation Contract to Monitor the above System.

10. 24X7 Global Customer Care Center (GCCC) call centre facility for the ticket request.

(Response Time: Immediate and Resolution: 48 Hours)

11. The Bidder needs to undertake a **Comprehensive Annual Maintenance Contract** for a period of 3 years with requisite manpower round the clock for troubleshooting. Bidder to submit detailed Health check-up / Preventive Maintenance schedule for all components installed across MCA.

12. Maintenance of Fire Alarm System & ensure availability of critical spares of XLS-1000 panel at Site & Need Form - B as per the Government Norms with the valid Fire License.

13. The bidder needs to ensure the 100% connectivity from this F-Box to IP switch & needs to make the necessary software changes in the F-box periodically.

14. Maintenance of BMS SCADA software - Enterprise building integrator & ensure necessary critical patches are updated on regular basis.

15. Maintenance of CCTV Software in AMC Contract **without any additional Cost** - Digital Video manager.

16. D2 &D3 package Support during the Matches.

Item No	Item Description	Unit	Qty	Unit Rate	Total Rate	Remarks
1	S/I/T/C of 10 W Cabinet wallmount loudspeakers with following features:- IP 66, Built-in 100 / 70 V LMT,Variable wattage tappings of 6 / 3 / 1.5 Watt, SPL 1W/1m = 96dB, SPL@Full power = 104 dB. BS5839 Part 8 complete with necessary mounting hardware & a	No.	133			
2	S/I/T/C of 20 W Re-entrant paging Horn speakers with following features:- IP66, Built-in 100 / 70 V LMT, Variable wattage tappings of 20/10/5/2.5 Watt, SPL 1W/1m = 101dB, SPL@Full power = 114dB, Compliance with BS5839 Part 8	No.	20			
3	S/I/T/C of 25 W Line Array Speakers. IP 66	No.	45			
4	S/I/T/C of 32 Zone Touchscreen Call Station with goose neck Microphone with zone selection & all call selection to be connected with the network controller with music routing facility, automatic pre-recorded message broadcast, Complying to EN60849 & BS 58	No.	1			
5	S/I/T/C of wireless handheld mic with complete with antenna and receiving station coupled to the amplifier.(with range upto complete stadium pheriphery)	No.	2			

6	1 channel 240W	No.	2			
7	S/I/T/C of 1/3" or 1/4" Vandal Proof Outdoor Dome camera with 3-9 mm varifocal auto Iris lens,AGC,540 TV lines resolution with WDR feature including integrated housing (Outdoor dome type), Connectors, A.I.Lens, Camera Mounts, all Ancillary Equipment	No.	154			
8	S/I/T/C of 1/3" Vandal Proof Outdoor C/CS Mount camera with 3-9 mm varifocal auto Iris lens,AGC, 540 TV lines resolution, with WDR feature including integrated housing, Connectors, A.I.Lens, Camera Mounts, all Ancillary Equipment & all accessories.	No.	12			
9	S/I/T/C of 4 channel encoder with MPEG 4 compression.	No.	43			
10	S/I/T/C of joystick keyboard with other required accessories for interface as per the specification	No.	1			
11	S/I/T/C of Client workstation with 42" LCD for viewing, control & recording. [Loc :- BMS room.]	No.	6			
12	S/I/T/C of Client workstation with 32" LCD for viewing, control & recording. [Loc :- BMS room.]	No.	2			
13	S/I/T/C of Client workstation with dual Video output & 21" LCD screen for viewing, control & recording. [Loc :- Security room at 9.60 mtr llvl.]	No.	1			
14	S/I/T/C of Barcode reader/ Ticket validator with builtin / External CCTV camera for image capture. **ONLY CAMERA IN OUR SCOPE**	No.	60			
15	S/I/T/C of 40/42" HD LCD Television with built Tuner with 2 HDMI, 1XVGA, 1XCV and 1XSV Inputs and with built in speakers.	No.	2			
	TOTAL(Including GST)					

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