

**Quotation for Annual Maintenance Contract for 3 years 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: 1st year _____

2nd year _____

3rd year _____

Note:

- 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, ACS, CCTV & HVAC, 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 & analog signal input & digital & analog 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.

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.
 5. Video Analytics Server – 3 Nos.
 6. DVM Client – 14 Nos.
 7. Streamer – 70 Nos.
 8. PTZ camera – 23 Nos.
 9. Dome cameras – 226 Nos.
 10. Box cameras – 12 Nos.
 11. 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.

Fire Alarm Repeater Panel (XLS-LCDANN) – 1Qty.

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:

IDA – 3 nos.

LAP – 3 nos.

Amplifier 4060 – 2 nos.

Amplifier 2120 – 2 nos.

Amplifier 1240 – 4 nos.

Amplifier 1480 – 12 nos.

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 center 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 checkup / 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.
- 17.** Monitoring of BMS system through the OBS On Cloud.