

**Minutes of the Pre-Bid Conference (PBC) held at NABI on 25-03-2019 regarding tender published for the work of Supply, Installation, Testing and Commissioning of IP CCTV camera surveillance system at National Agri-Food Biotechnology Institute(NABI), sector-81 (Knowledge City), Mohali, Punjab, India**

**TENDER NO.: NABI/7(180)/2019-Works**

**Attendees/Committee Members**

- 1) Dr.Sanjeev Sofat, Professor and Head- Deptt. Of Computer Science, PEC, Chd.- Chairman
- 2) Dr.Vikas Rishi, Scientist-F, NABI- Member
- 3) Sh.S. Krishnan, Manager-Admin, NABI-Member
- 4) Sh.Suneet Verma, Manager-Finance, NABI-Member
- 5) Er.Sushant Vatsa, AE-Electrical, NABI- Member
- 6) Er.Jaspreet Singh, AE-Civil, NABI-Member

The representatives from the following prospective bidders were also present during the Pre-bid Conference:

- 1) M/s Insat Techno Services, Chandigarh
- 2) M/s Methodex Systems Pvt. Ltd., New Delhi
- 3) M/s TECH SIS Ltd., New Delhi
- 4) M/s Vowels Technology & Services, Mohali
- 5) M/s Digital Techtronix Inc., Ludhiana
- 6) M/s Online Communication, Chandigarh
- 7) M/s EGIS Engineering, Mohali

**POINTS OF DISCUSSION**

- i. The PBC Committee discussed in detail about the Pre-Bid queries received at NABI from the prospective bidders thru email on or before 25-03-19 as specified in the tender document.
- ii. Further, each of the prospective bidder/firm present were given chance to raise their queries (if any) before the PBC Committee. All the firms present during PBC raised their queries one by one before the PBC committee.
- iii. Based on the above queries and further deliberation over the technical specifications by the PBC Committee, the required corrections in the technical specs were finalized and accordingly the same are enclosed as Annexure-1.
- iv. The PBC Committee also recommended that all other terms, conditions, clauses and specifications of the tender shall remain unchanged.
- v. The Meeting ended with a vote of thanks to all.

## ANNEXURE-1

- 1) On page No.8 of Volume-1(Technical Bid) in Tender Form-1, the words *-drawings and designs* shall be considered as deleted.
- 2) On page No.19 of Volume-1(Technical Bid) in CLAUSE 5/5.1c Programme Chart, the sentence - *Program for Dismantling, packaging and Shifting Work of EM systems Floor wise from NABI interim facility to NABI main campus* shall be considered as deleted.
- 3) The approved technical specifications for Central Monitoring Software/Item No.8/Schedule-D/Volume-1 of Tender document shall be considered as given below:

Sr. No.	Features	Desired Parameter
1	Playback	The system shall provide playback window for operators to retrieve recorded video easily.
		The operator shall be able to get a playback window by right clicking camera indicator anywhere in the system.
		The system shall support calling professional playback interface for operator to have powerful functions like video analytics searching, enhancement tool and so on.
2	Display	The system shall support displaying up to 64 cameras on single monitors with one matrix application. With multiple computers and monitors, the system shall be able have unlimited matrices.
		The matrix application shall support several display mode including 1x1, 2x2, 3x3, 1+12, 4x4, 5x5, 6x6, 7x7, 8x8 layout and auto scan mode.
		The system shall support receiving several live stream profiles to get live stream with lower resolution, frame rate, quality or bit rate when displaying live video on client and matrix application. By selecting low bit rate profile, the operator shall still get smooth video display even the bandwidth between the system and the recording servers is limited.
		The operator shall be able to check live video and recorded video of related devices in separate window.
3	Alarm Handling	Client - site of central management with graphical interface. Client log in to CMS server, receives alarm information and manage the alarm.
4	Snapshot	The system shall support multiple map formats including BMP, GIF, JPEG, PNG and TIFF.
5	Emap	The system shall allow users to define surveillance servers and cameras on maps. The options to define shall include adding, editing, deleting, disabling, and enabling.
6	Navigation	The system shall provide navigation tools to zoom in, zoom out and drag on the maps.

- 4) The Item description for Item No.10/Schedule-D shall be considered as *Supply, Installation, Testing & Commissioning of wall mounted 6W or higher rating speaker along with inbuilt/external amplifier, accessories, cable etc. required for announcement of alarm in operator Room complete as per the approved make given in Schedule-A of Volume 1 of Tender document and as per the site requirement.*
- 5) In approved technical specifications of Item No.6/Schedule-A/Sr.No.28/Intelligent Video Analytics (IVA), the desired parameter shall be considered as *Atleast 20 IVA Licenses to be provided for Loitering & Enter Exit Zones. The analytics can be either edge based or software based or better. Also the cost of these licenses shall be considered/included by the bidder in Item No.6.*
- 6) In approved technical specifications of Item No.6/ Schedule-A/Sr.No.14/Live Video Display, the desired parameter of *CPU Temperature, Fan speed* shall be considered as deleted. Also *the system shall support minimum full one-way audio between the recording server and IP cameras devices.*
- 7) In approved technical specifications of Item No.6/Schedule-A/Sr.No.19/Events & Notifications, the desired parameters of *CPU Temperature or low fan speed, send email, phone call* shall be considered as deleted.
- 8) In approved technical specifications of Item No.6/ Schedule-A/Sr.No.20/Playback & Search, the desired parameters of *counter log and POS transaction* shall be considered as deleted.
- 9) In approved technical specifications of Item No.6/ Schedule-A/Sr.No.25/Resource Report, the desired parameters of *CPU Temperature, Motherboard temperature, fan speed of CPU and Power* shall be considered as deleted.
- 10) In approved technical specifications of Item No.13/Schedule-A, the desired parameter of *POE Power of 370W or better* shall be considered in addition to other specified parameters.

**All other terms, conditions, clauses and specifications of the tender shall remain unchanged.**