

Minutes of the Pre-bid meeting of the CCTV tender (Plg/cs/CCTV/243

Dated: 04.11.2015) held at 11:30 hrs on 20.11.2015.

As mentioned in the NIT, the pre-bid meeting for the CCTV surveillance system was held in the room of Joint Director (P&R) at 11:30 hrs on 20.11.2015.

The queries raised by different vendors were discussed in the meeting followed by decision taken. The detail of points discussed and decision taken are furnished below:

All the interested bidders are requested to consider the changes / modifications done in the clauses / specifications and to quote accordingly. The minutes of the pre-bid meeting will form part of the tender document. The price bid to be submitted according to the modified BOQ.

EMD : EMD of an amount of Rs. 2 lakhs to be submitted in the form of Bank Draft / Bankers Cheque in the name of Kolkata Port Trust payable in Kolkata.

Changes / Modification :

1. No. of location of Camera:-

Based on the site survey held on 12/11/2015, the no. of cameras have increased to 67 (from 63) and the break up is given below:

- Fixed Focus : 31 nos.
- Indoor Mini Dome : 9 nos.
- PTZ : 27 nos.

Total : 67 nos.

2. New locations added :

- 3 GRJ (NS Dock)
- 8 NSD Railway Gate

3. Length of Fiber Optic Cable to be supplied would be 2 KM (instead of 1 KM as was mentioned in tender document). Necessary armoured power cable and other accessories at NS Lock Gate and KP Lock Gate should be arranged by the vendors.

4. No. of Cameras with ANPR would be 13 (instead of 12).

5. Completion Period: - As was requested by all the prospective bidders present in the meeting, the date of completion of the CCTV project was extended for additional 15 days i.e. total 75 days (instead of 60 days).

6. Changes in Technical Specifications :

A. PTZ Camera :

SL. No. 7 :- The IR filter should cover a distance of 100 mtr. or above during night (instead of 200 mtr.).

SL.No. 12 : Dynamic Range : 75 db or better (instead of 85 db).

B. Fixed HD Box Camera :

SL.No. 11 : Sensitivity – Day & Night operation with minimum illumination from 0.001 LUX to 0.01 LUX at 30 IRE or better, F.1.2

7. Server Specification

(i) Master / Recording Server / Workstation Specification :-

Operating System (Licensed version): - Windows latest (64 bit) or LINUX

(ii) Analysis & ANPR Server Specification :-

Dedicated Graphics card with 8 GB RAM (instead of 16 GB).

Operating System (Licensed version): - Windows latest (64 bit) LINUX

(iii) Workstation/Client Specification (HP / DELL / ACER / LENOVO)

Intel core i5 with 8 GB RAM, 2 TB HDD, windows 8.1 (Licensed version) or latest version, 4 GB dedicated Graphics Card, Key Board, Mouse, USB port, DVD Writer and other standard features.

8. NAS Video Storage :-

a) Make will also include HITACHI.

b) Graphics Card as per available standard specification.

9. POE Switch & Central Core Switch :-

Make will also include DELL.

10. LTO 6 :-

- a) SL. No. 3 :- Tape Library should support minimum 4 X LTO 6 devices.
- b) Cartridges to be supplied should ULTRIUM 6 instead of ULTRIUM 5.

11. All passive components like LIU, fiber optic cable, STP cable, STP I/O & Patch Cords should be of any of the following make.

R&M, TYCO, SYSTIMAX, KRONE

12. Reference to the 3 years on-site warranty, the SI would be responsible to provide warranty support after expiring of the warranty period to be provided by the OEM. The bidder should indicate clearly the warranty period covered by OEM of the product.

13. The prospective bidder should examine the modified camera location properly and quote accordingly. No deviation in any terms & conditions will be accepted.

14. Licenses for Video Analytics

Licenses
Recording License for 67 cameras

Schedule 'O'

Locations of Camera:

SL.NO.	LOCATION	FIXED	MOUNTING	PTZ	MOUNTING
1.	NSD GATE 3	1 + 2 (for ANPR)	25' GI POLE 6" DIA	1	15' GI POLE 3" DIA
2.	NSD GATE 8	1 +	25' GI POLE 6" DIA	1	15' GI POLE 3" DIA

		1 (for ANPR)			
		1 (for ANPR)	25' GI POLE 6" DIA	1	15' GI POLE 3" DIA (Rly. Gate)
3.	NSD GATE 7	1 + 1 (for ANPR)	25' GI POLE 6" DIA	1	15' GI POLE 3" DIA
4	NSD GATE 4	1 + 1 (for ANPR)	25' GI POLE 6" DIA	1	15' GI POLE 3" DIA
5	NSD GATE 5	x		1	25' GI POLE 6" DIA
6.	NSD GATE 6	1 + 1 (for ANPR)	25' GI POLE 6" DIA	1	SAME POLE TO BE USED
7.	CFS	x		3	CEILING
8.	NSD LOCK	1	EXISTING ELEC. TOWER	1	25' GI POLE 6" DIA
		1	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
9	KPD LOCK	1	EXISTING ELEC. TOWER	1	25' GI POLE 6" DIA
		1	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
10.	KPD PASSENGER TERMINAL	1	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
		2 INDOOR DOME TYPE	WALL / CEILING WITH SUITABLE BRACKETS	1	CEILING
11.	KPDGATE 1	1 + 1 (for ANPR)	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
12	KPD GATE 2	1	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA

		+ 1 (for ANPR)			
13.	KPD GATE 3	1 + 1 (for ANPR)	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
14.	KPD GATE 4	1 + 1 (for ANPR)	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
15	KPD GATE 5	1	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
16	KPD GATE 13	1 + 2 (for ANPR)	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
17	SUBHAS BHAVAN	x		2	WITH BRACKET FROM WALL
18	HEAD OFFICE	2 (INDOOR DOME TYPE)		1	WITH BRACKET FROM WALL
19	CME OFFICE AT 8 GR ROAD	x		1	WITH BRACKET FROM WALL
20	CE OFFICE AT 51 CGR ROAD	x		1	WITH BRACKET FROM WALL
21	CMM OFFICE BLDG AT 6 G R ROAD	1 (INDOOR DOME TYPE)			
22	H O SERVER ROOM	2 (INDOOR DOME TYPE)			
23	SUBHAS BHAVAN SERVER ROOM	2 (INDOOR DOME TYPE)			

24	3 GRJ(NS DOCK)	1 + 1 (for ANPR)	25' GI POLE 6" DIA	1	25' GI POLE 6" DIA
	Total	(31+9) = 40	Total	27	

Bill of Quantity

<u>SL. No.</u>	<u>Item description</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit price</u>	<u>Tax/ VAT etc</u>	<u>Total price</u>
A	IP D/N Outdoor PTZ camera					
1	30x IP based PTZ camera	27	Nos.			
2	Suitable Mounting bracket	27	Nos.			
B	IP Based D/N Fixed camera (of which 12 for ANPR)					
1	IP based D/N 1080 p resolution fixed HD box camera	31 (13 for ANPR)	Nos.			
2	9-40 mm Manual Varifocal SR Iris	31	Nos.			
3	IP 66 Outdoor Housing for the camera	31	Nos.			
4	Mounting bracket with necessary cable	31	Nos.			
C	Indoor HD 2 MP vandal resistant IR IP indoor dome camera with auto focus	9	Nos.			
D	NAS storage with Central Recording software (4x	1	Nos.			

	8TB) with Intel processor (latest model) with dual gigE ports and dual SMPS and licensed o/s					
E	Master Recording Server with operating system (Windows / Linux with license)	2	Nos.			
F	ANALYTICS and ANPR Server with operating system (Windows / Linux with license)	2	Nos.			
G	Workstation / Client	4	Nos.			
H	Key board for PTZ control	1	No.			
I	50" LED full HD Commercial Monitors with proper console	3	Nos.			
J	27" LED monitors	12	Nos.			
K	LTO 6 Tape Library with 40 cartridges (800 GB cartridges in 2 packs of 20 nos.) with cleaning cartridge	1	No.			
L	8 port L2 POE switch	30	Nos.			
M	24 port L3 POE Central switch	2	Nos.			
N	STP cable	10	boxes			
O	42U server rack with rotate keyboard tray , monitor self , two nos. heavy duty self, 15 AMP vertical power distribution unit and other required accessories.	2	No.			
P	5 KVA on-line UPS with 30 mts battery backup	2	Nos.			
Q	Video Management Software (NVMS) and	2	No.			

	Video Analytic Software (VA) with necessary licenses					
R	ANPR with necessary licenses	1	Set			
S	Fibre optic cable including laying through soft soil (earthing and unearthing) with necessary splicing	2 KM	Mtr.			
T	Patch cord, PBC conduit, GI conduit, Pole, Brackets , armoured power cable, necessary civil and electrical works, proper earthing for ALL the cameras and any other item required for implementation of the CCTV system.	As per requirement	Lump sum			
U	12 port LIU loaded with pig tail	6				
V	Junction box (IP 66 box)	10				
W	Tape Cartridges – Barcode labeled Ultrium 6 cartridges with 5 cleaning cartridges	50	Nos.			
X	Installation and commissioning including splicing		Lump sum			
Y	CAMC charges (i.e including replacement of all spare parts)					
a	CAMC charges for YEAR 1		Lump sum			
b	CAMC charges for		Lump			

	YEAR 2		sum			
c	CAMC charges for YEAR 3		Lump sum			
d	CAMC charges for YEAR 4		Lump sum			
	Grand Total					

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