

E-TENDER NOTICE -
SITC OF CCTV AT BRANCHES OF SBI IN THE STATE OF ANDHRA PRADESH
CORRIGENDUM NO: 4 NIT NO: AMR20210903 dated 06/09/2021

Sl.No	NIT Clause No.	Existing Clause	New Amended clause is as under
1	Para 4 Sub Para i.	Bid is open to all Bidders who have submitted the documents substantiating eligibility criteria and Technical & functional specifications as given in Annexure-A to A-12 of this document.	Bid is open to all Bidders who have submitted the documents substantiating eligibility criteria and Technical & functional specifications as given in Annexure-A to A-13 of this document. Annexure 13 attached.
2	Para 14 Sub Para ii.	The successful Bidder is required to provide price confirmation and price breakup strictly on the lines of Annexure-E and Annexure "D" within 24 hours of conclusion of the Reverse Auction, failing which Bank may take appropriate action.	Annexure E & Annexure D has been amended.

8 / 16/ 32 CH HD DIGITAL VIDEO RECORDERS (HD DVR)

S. No	Parameter	Specification	Remark
1	Compatibility	Analog cameras (mandatory), HD/ AHD	
2	Main Processor / Operating System	Embedded	
3	System Resources	Pentaplex function: recording, playback, live view, backup, remote access over IP network	
4	Recorder Control Options	Video Front panel, IR Based remote control, Keyboard (Both RS232c and IP), IP Network, USB mouse	
5	HD Camera Input	Minimum 8/16/32 Video channel; BNC	
6	Recorder Video Output	Minimum 1 VGA, 1 HDMI	
7	Recorder Audio Input	Minimum 1 audio channel, BNC or RCA	Requisition only if Audio support in camera is being asked
8	Recorder Audio Output	4 audio channel, BNC or RCA	--DO--
9	Recorder Bidirectional Talk	1 channel Input, BNC, 1 channel Output, BNC or RCA	--DO--
10	Display Screen Mode	1,4,8,9,16,32 ALL (Window)	
11	Camera Scheduling	Supported (continuous/ motion/ event based)	
12	On Screen Display	Date, Time, Camera Title, Video loss alert, motion detection alert, recording, camera lock alert.	
13	Video/Audio Compression	H.265 plus/ H.265/ H.264/G.711 respectively (One Channel) or higher	
14	Image Resolution	1080P or higher, realtime recording @ 25 fps in all channels with selectable fps simultaneously	
15	Encoding Stream	1080P or higher, realtime recording @ 25 fps in all channels with selectable fps	
16	Video Encoding Bit Rate	Analog video: 2048 Kb/s or higher	
17	Image Quality	6 levels (VBR/ CBR)	
18	Recording Mode	Manual, Schedule, Regular, Motion detection	FIFO and auto overwrite facility to be added
19	Recording Priority	Manual; Alarm; Motion Detection & Regular	
20	Recording Interval	Prerecord: 1sec to 30 sec., Post-record: 10sec ~ 5 minutes	
21	Alarm Input	Supported Maximum 2	
22	Relay Output	Supported Maximum 2	
23	Water Marking	Supported	
24	Playback Channel	1,2,4,16,32	
25	Recorded Data Search Mode	Video Time & Date, Exact search (with Date, Hour, Minute and Second accuracy), Motion Detection, Alarm	
26	Playback Options	Play, Digital zoom (any size), Pause, Rewind, Slow motion, shift to Next file, shift to Previous file, one clicks Previous camera, one click Next camera, Full screen mode, Replay, Backup selection, Fast forward, Shuffling	
27	Hard Drive Storage Option	For 8 Channel – 4 SATA, 16 Channel – 8 SATA, 32 Channel – 8 SATA. Should support up to 8 TB per SATA port.	
28	USB Interface	Minimum 2 Ports (one should be 3.0)	
29	Serial Interface	1 RJ45 RS-232 interface; 1 RS-485 interface; 1 RS-485 keyboard interface	
30	Power Supply	AC 100~240 V, 50/60 Hz	
31	Working Environment	All Indoor weather conditions	

32	Duplex type	Recorder should be able to playback recorded footage without having to stop recording	
33	Certificate	FCC & CE & BIS	
34	HDD quality	Surveillance (4 TB/6 TB /8 TB)	

Annexure : "D"

MAKE / MODEL OF THE EQUIPMENT THAT THE VENDOR WOULD PROVIDE DURING THE CURRENCY OF CONTRACT ALONG WITH BREAK UP PRICE

S.NO	DESCRIPTION	Make / Model as per Tech spec (Details along with product specific information)
1	NVR 8 channel 4 SATA	
2	NVR 16 channel 8 SATA	
3	NVR 32channel 8 SATA	
4	HD DVR 8 Channel 4 SATA	
5	HD DVR 16 Channel 8 SATA	
6	HD DVR 32 Channel 8 SATA	
7	2MP HD VF IR bullet cam	
8	HD VF IR Dome Cam	
9	2 MP High resolution PIN Hole Cam	
10	High resolution Pin Hole IP Cam	
11	HD VF IP IR Bullet Cam	
12	2 MP IP IR Dome W / VF lens Cam	
13	4 Channel Mobile Van DVR with screen	
14	HD camera for Mobile DVR	
15	HDD 2TB (Surveillance Grade)	
16	HDD 4TB (Surveillance Grade)	
17	HDD 6TB (Surveillance Grade)	
18	HDD 8TB (Surveillance Grade)	
19	Micro SD Card 128 GB for IP Cam	
20	7" Widescreen LCD Display	
21	22" LED Colour Monitor W / HDMI and VGA support	
22	32" LED Colour Monitor W HDMI and VGA Support	
23	40" LED Colour Monitor W HDMI and VGA Support	
24	POE Switch 8 port	
25	POE Switch 24 port	
26	6 Amp 2 pole MCB (Schneider / Legrand/ Siemens /ABB / L&T)	
27	VGA Cable 5 mtr	
28	VGA Cable 10 mtr	
29	VGA Cable 15-20 mtr	
30	VGA Splitter ½	

We confirm that we comply with all the specifications mentioned above & the terms & conditions mentioned in the NIT Document and relevant information brochure is enclosed and are acceptable to us.

Dated this day of 201

(Signature)

(Name)

(In the capacity of)

Duly authorised to sign Bid for and on behalf of

Indicative Commercial Bid

Note: Suitable information may be sought in Indicative Commercial Bid. An example of Indicative Commercial Bid format is placed below for guidance.

The indicative commercial Bid needs to contain the information listed hereunder in a sealed envelope bearing the identification – “Indicative Commercial Bid for Procurement of CCTV”.

Name of the Bidder:

CCTV SYSTEM – BOQ & RATES					
S.NO	ITEM	Quantity	Rate per item / per mtrs	Amount in Rs.	Proportion to Total Cost of A (in %age) #
1	NVR 8 channel 4 SATA	1			
2	NVR 16 channel 8 SATA	1			
3	NVR 32 channel 8 SATA	1			
4	2MP HD VF IR bullet cam	4			
5	HD VF IR Dome Cam	3			
6	2 MP High resolution PIN Hole Cam	1			
7	High resolution Pin Hole IP Cam	1			
8	HD VF IP IR Bullet Cam	9			
9	2 MP IP IR Dome W / VF lens Cam	6			
10	4 Channel Mobile Van DVR with screen	1			
11	HD camera for Mobile DVR	1			
12	HDD 2TB (Surveillance Grade)	4			
13	HDD 4TB (Surveillance Grade)	2			
14	HDD 6TB (Surveillance Grade)	1			
15	HDD 8TB (Surveillance Grade)	1			
16	Micro SD Card 128 GB for IP Cam	1			
17	7" Widescreen LCD Display	1			
18	22" LED Colour Monitor W / HDMI and VGA support	1			
19	32" LED Colour Monitor W HDMI and VGA Support	1			
20	40" LED Colour Monitor W HDMI and VGA Support	1			
21	Cable Co axial (RG-6 Cable) in mtrs	400			
22	2 core 0.5 sq mm Cable power (shield) (ISI Mark) in mtrs	400			
23	CAT 6 Cable (SFTP Cable) in mtrs	400			
24	POE Switch 8 port	1			
25	POE Switch 24 port	1			
26	SMPS 12 v 5 Amp	10			
27	SMPS 12 V 10 Amp	10			
28	Conduit PVC Pipes 19 mm Dia 1.5 mm thick (ISI Mark) in mtrs	400			
29	Conduit PVC Pipes 25 mm Dia 1.5 mm thick (ISI Mark) in mtrs	400			
30	3/4" PVC Casing/Capping (ISI Mark) in mtrs	400			
31	1" PVC Casing/Capping (ISI Mark) in mtrs	400			
32	2" PVC Casing/Capping (ISI Mark) in mtrs	400			
33	6 Amp 2 pole MCB (Schneider / Legrand/ Siemens /ABB / L&T)	1			
34	6 U Rack wall mount: Power strip: 6 socket power supply: 1 no. Equipment Mounting Tray: 1 No Mounting screws & studs: 1 pack Transparent front door with Lock, Fan tray with 2 Fans, Provision for cable routing at the bottom of the rack.	1			
35	I / O Box Metal	16			
36	VGA Cable 5 mtrs	1			
37	VGA Cable 10 mtrs	1			
38	VGA Cable 15 mtrs to 20 mtrs	1			
39	VGA Splitter ½	1			
40	Comprehensive AMC as a constant rate @ Rs Y (less GST) per yr per 8 Channel system (Post Warranty) (Except Hard Disk)	1			
41	Comprehensive AMC as a constant rate @ Rs Z (less GST) per yr per 16 Channel system (Post Warranty) (Except Hard Disk)	1			

42	Comprehensive AMC as a constant rate @ Rs W (less GST) per yr per System 32 Channel (Post Warranty) (Except Hard Disk)	1			
43	Non-Comprehensive Charge @ Rs V for the existing (DVR / NVR) system per yr	1			
44	Dismantling and reinstalling the existing CCTV system to another location within a radius of 10 Km for 1 Branch (Excluding the cost of hardware / peripherals).	1			
45	Installation charges for new CCTV for 3 Br	3			
46	Shifting charges for 2 cams within the branch for 1 Br	1			
47	Special visit for downloading video back up assistance for branch for 10 Br beyond two free visits in a Qtr	10			
48	HD DVR 8 Channel 4 SATA	1			
49	HD DVR 16 Channel 8 SATA	1			
50	HD DVR 32 Channel 8 SATA	1			
	@TOTAL COST OF OWNERSHIP				

Summary of Indicative Quote:

The 'Proportion to Total Cost' percentage mentioned here will have to be maintained in the final price quote also by the L1/TC1 Bidder. The percentage should be mentioned in two decimal places. Variation in the final price should not exceed +/- 5%. See illustration at the end.

Important: The price breakup of all the hardware/software components must be provided (even if the price is zero). The Bid may be rejected if the price breakup is not provided.

* The amount quoted here should be for 5 years.

@ This will be the Total Cost of Ownership (TCO) and should be quoted in the reverse auction.

Illustration

Particulars	Indicative Price Bid Quote (INR)	Proportion to Total Cost (in %age)	L1 Price (INR)	Minimum final price should not be below (INR)*	Maximum final price should not exceed (INR)**
A	B	C	D	E	F
(a) Item A	25	13.16		9.38	10.36
(b) Item B	50	26.32		18.75	20.72
(c) Item C	75	39.47		28.13	31.09
(d) Item D	40	21.05		15.00	16.58
(e) Grand Total (a + b + c + d)	190	100	75		

*Computed as 'C' percentage of 'D' less 5%. $75 \times 0.95 = 71.25$ (71.25×13.16) $\div 100 = 9.38$

**Computed as 'C' percentage of 'D' plus 5%. $75 \times 1.05 = 78.75$ (78.75×13.16) $\div 100 = 10.36$