

The following Corrigendum to the Tender Document is hereby issued:-

Sl. No	Pa ge	Clause Title	Existing clause	To Read As
1	No 12	4.5 Eligibility conditions	Turnover of Rs. 25 Crores and above in the last three	The IP camera OEM Bidder should have an Annual Turnover of Rs. 100 Crores and above in the last three consecutive Audited Financial years, (2014-15, 2013-14 and 2012-13). In the case of Authorised Dealer the Annual Turnover should be Rs.10 Crores and above in the last three consecutive Audited Financial years. (2014-15, 2013-14 and 2012-13).
2	13	4.6 Eligibility conditions	single order for supply, installation and commissioning of IP Cameras/Video Conferencing systems for a value of atleast Rs. 25 Lakhs and above for any Government Departments /	Government Organisations in India in
3	46	9.3 a Delivery Schedule	For Locations:- 1 to 50 locations — Within 42 days from the date of Purchase Order. 51 to 100 locations — Within 49 days from the date of Purchase Order. 101 to 200 locations — Within 56 days from the date of Purchase Order. 201 and above locations — Within 72 days from the date of Purchase Order. For Quantity:- 1 to 100 Nos Within 42 days	the date of supply How ever the implementation schedule will be decided based on the Site survey report as well as the discussions with the end users / customers on case to case basis

from the date of Purchase Order.
101 to 500 Nos Within 49 days
from the date of Purchase Order.
501 to 1000 Nos Within 56
days from the date of Purchase
Order.
1001 and above Nos Within 63
days from the date of Purchase
Order.
The Delivery Schedule shall be
taken from Location / Quantity
whichever is higher.
NOTE:
a) Based on any urgent
requirement of Government
Departments, Delivery Schedule
may be reduced by ELCOT after
the discussions and concurrence
from the Successful Bidders.

Sl. No.	Page No.	Clause No.	EXISTING SPECIFICATIONS	TO READ AS
1	Page No 14 of 24	tions should be supported in All	Certifications compliance - CE, FCC	CE/ FCC/ UL/EN for all network componets
		IP Cameras	POE - (IEEE 802.3af) Except Cube Camera	POE - (IEEE 802.3af) Except Cube Camera and CAM004 - PTZ camera
2	Page No 16 of 17	VMS001	OS compatibility :Windows & Linux	Windows / Linux
3	Page No 16 of 18	VMS002	OS compatibility :Windows & Linux	Windows / Linux

4	Page No 21 of 22	SMSWT004	POE - IEEE 802.3af support in all ports	Removed
5	Page No 19	NAS001— Net- work Attached Storage Bays-16	-	NAS002–Network Attached Storage Bays-
6	Page No 24 of 25	UPS001 - 600VA Online UPS	-	UPS001 - 600VA LIA UPS
7	Page No 24 of 25	UPS001- Battery	700W resistive load	360W with 0.6PF
8	Page No 18	NVR001 –Net- work Video Re- corder 1	-	NVR001 —Network Video Recorder 8 channels
9	Page No 18 of 19	NVR001 –Net- work Video Re- corder 2	-	NVR002 —Network Video Recorder 16 channels
10	Page No 25	UPS001 - 1 KVA Online UPS	-	UPS002 – 1 KVA online UPS
11	Page No 26 of 27	SYS001	SYS001 – Desktop Computer -,i7 processor	SYS002 – Desktop Computer -,i7 processor
12	Page No 27 of 28	SYS002	SYS002 – Desktop Server	SYS003 – Desktop Server
13		New items added		Optional Items:- 1.CAM 004 - PTZ camera - CMOS 2.NAS003–Network Attached Storage Bays-16 with dual controller card. 3.NVR003 –Network Video Recorder 3.

OPTIONAL ITEMS:-

Tender Ref.: ELCOT/PROC/OT/32858/ IP Camera/2015-16

S.NO	CAM004 - PTZ Camera -CMOS	
1	Sensor Size	1/4" or higher
2	Lens Size / Focal Length	3.5mm~35mm
3	Minimum Illumination-B/W	0.01 Lux
4	Minimum Illumination-Colour	0.1 Lux
5	Usage	Outdoor
6	Video resolution	1920x1080 or Higher
7	Digital Zoom	10x or higher
8	Iris	Tenderer To specify
9	Certification	IP66
10	Slot	SD Card
11	Audio	G.711, G.726 2-Way Audio Support
12	PAN range	360° endless, Auto Pan /Auto Cruise/Patrol
13	Tilt Range	0° ∼ 180° or higher
14	Optical Zoom	10x or higher
15	IR Distance	Min 50 m
16	WDR	Required
17	Manual speed	Tenderer To specify
18	Preset Points	Tenderer To specify
19	Preset Speed	Tenderer To specify
20	Preset accuracy	Tenderer To specify
21	Sequence path	Tenderer To specify

Tender Ref.: ELCOT/PROC/OT/32858/ IP Camera/2015-16

NAS003-Network Attached Storage 16 Bays with Dual controller card

S.No	Features	Description
1	No of Bays	16 hot swappable HDD Slot ,Min 2TB per slot
		with SAS support
2	Chassis Type	3U Rack Mountable
3	Ports	USB, RJ45 -10/100/1000
4	RAID Features	Should support 0,1,5,6,50 & 60
5	Redundant Power Supply	1+1
6	Controller card	Min 2 Nos
7	Network port	Min 1 G port – 4 Nos & min 4GB SFP+ port -
		2Nos
8	Expandability	Min 128 TB
9	Disk management	Tenderer to specify
10	Account Management	Tenderer to specify
11	Download Management	Tenderer to specify
12	Backup Management	Tenderer to specify
13	File Sharing	Should support CIFF, SMB,NFS, ISCSI
14	Power Management	Tenderer to specify
12	Remote Facility	Tenderer to specify
13	Security Features	Tenderer to specify
14	OS Support	Windows & Linux
15	Certification	FCC, CE

Tender Ref.: ELCOT/PROC/OT/32858/ IP Camera/2015-16

NVR003 -Network Video Recorder 64 channels

S.No	Features	Description
1	No of cameras supported	64 channel, min 2MP per channel
2	Compression Format	H.264, MPEG4,
3	Ports	RJ45 (10/100/1000 Mbps), USB, HDMI,VGA
4	Video & Audio	Manual, schedule and Alarm Recording
5	Open Standard	Support ONVIF
6	Live Viewer, Remote Live View-	Tenderer to specify
	er	
7	Local & Remote Playback	Tenderer to specify
8	Backup	Tenderer to specify
9	Intelligent features	Tenderer to specify
10	HDD Support	Min 9 slot each slot with min 4 TB capacity
11	Protocol	should support all require IP surveillance
		protocols
12	Certifications	CE, FCC

ADD ON ITEM;-

- 1.16 Bay JBOD
- 2. SAS hard disk 2TB,3TB & 4 TB

Appendix – 7 – FORMAT FOR INTERNAL TEST REPORT

Code	Item Description	Approx Qty
CAM004	PTZ Camera –CMOS	1

Sl.N	Parameter	Tender	As Per	Bidder	Bidder's
0		Specification	brochur e	s Offer	Compliance Yes/No
1	Sensor Size	1/4" or higher			
2	Lens Size / Focal Length	3.5mm~35mm			
3	Minimum Illumination-B/W	0.01 Lux			
4	Minimum Illumination-Colour	0.1 Lux			
5	Usage	Outdoor			
6	Video resolution	1920x1080 or Higher			
7	Digital Zoom	10x or higher			
8	Iris	Tenderer To specify			
9	Certification	IP66			
10	Slot	SD Card			
11	Audio	G.711, G.726 2-Way Audio Support			
12	PAN range	360° endless, Auto Pan /Auto Cruise/Patrol			
13	Tilt Range	$0^{\circ} \sim 180^{\circ}$ or higher			
14	Optical Zoom	10x or higher			
15	IR Distance	Min 50 m			
16	WDR	Required			

17	Manual speed	Tenderer To specify		
18	Preset Points	Tenderer To specify		
19	Preset Speed	Tenderer To specify		
20	Preset accuracy	Tenderer To specify		
21	Sequence path	Tenderer To specify		

Code	Item Description	Approx Qty
NAS003	Network Attached Storage 16 Bays with Dual controller card	

Sl.N o	Parameter	Tender Specification	As Per brochur e	Bidder s Offer	Bidder's Compliance Yes/No
1	No of Bays	16 hot swappable HDD Slot ,Min 2TB per slot with SAS support			
2	Chassis Type	3U Rack Mountable			
3	Ports	USB, RJ45 -10/100/1000			
4	RAID Features	Should support 0,1,5,6,50 & 60			
5	Redundant Power Supply	1+1			
6	Controller card	Min 2 Nos			
7	Network port	Min 1 G port – 4 Nos & min 4GB SFP+ port - 2Nos			
8	Expandability	Min 128 TB			
9	Disk management	Tenderer to specify			
10	Account Manage- ment	Tenderer to specify			
11	Download Manage- ment	Tenderer to specify			
12	Backup Manage- ment	Tenderer to specify			
13	File Sharing	Should support CIFF, SMB,NFS, ISCSI			
14	Power Management	Tenderer to specify			
12	Remote Facility	Tenderer to specify			

13	Security Features	Tenderer to spe- cify		
14	OS Support	Windows & Linux		
15	Certification	CE/ FCC/ UL/EN		

Code	Item Description	Approx Qty
NVR003	Network Video Recorder 64 channels	

Sl.N o	Parameter	Tender Specification	As Per brochur e	Bidder s Offer	Bidder's Compliance Yes/No
1	No of cameras supported	64 channel, min 2MP per chennal			
2	Compression Format	H.264, MPEG4,			
3	Ports	RJ45 (10/100/1000 Mbps), USB, HDMI,VGA			
4	Video & Audio	Manual , schedule and Alarm Recording			
5	Open Standard	Support ONVIF			
6	Live Viewer, Remote Live Viewer	Tenderer to specify			
7	Local & Remote Playback	Tenderer to specify			
8	Backup	Tenderer to specify			
9	Intelligent features	Tenderer to specify			
10	HDD Support	Min 9 slot each slot with min 4 TB capacity			
11	Protocol	should support all require IP surveil- lance protocols			
12	Certifications				
		CE/ FCC/ UL/EN			

Annexure-2 - PRICE BID – IP CAMERA

"RATE CONTRACT REF NO: ELCOT/PROC/OT/32858/ IP Camera/2015-16

	TIE CONTRACT REF NO: ELCOT/PROC/OT/32858/ IP Camera/2015-16											
S.N	I	Description	Initial	Unit Price for FOR						Total Unit Price		
			approx	destination(Packing,			Duty	Local	Tax	with all Taxes	Remarks	
			Qty & the		charges & other		(Rs.)	Taxes /	value	and duties		
			future on	Insurance)	charges if any	CVD		CST per	per unit	\ /		
			RC	with out TAXES		per unit		unit in (Rs)		(4+5+6+7+8+9)		
			(Nos.)		Rs) per unit	(Rs.)			Column			
									5 (in			
									Rs.)			
			2	4				0	0	10	11	
1	G 4 3 5001	2	3	4	5	6	7	8	9	10	11	
001	CAM001	Mini Dome	1									
		Camera (Fixed)										
002	CAM002	Mid Dome	1									
		Camera (Fixed)										
003	CAM003	Mid Dome WDR	.1									
		Camera (Varifocal										
		Lens)										
004	CAM004	Bullet Camera	.1									
		(Fixed Lens)										
005	CAM005	Bullet Camera	1									
		(Varifocal Lens)										
006	VMS001	Video	1									
		Management										
		Software – 32										
		Channels										
007	VMS002	Video	1									
		Management										
		Software64										
		Channels										
	l .		1		1	1		I .				

008	NVR001	NVR001 -1	
		Network Video	
		Recorder 8	
		channels	
009	NVR002	NVR002 –1	
		Network Video	
		Recorder 16	
		channels	
10		Network Attached1	
		Storage Bays-4	
11		Network Attached1	
		Storage Bays-16	
12	SMSWT001		
		Mountable POE-	
		Switch	
13	SMSWT002		
		Mountable POE-	
		Semi Managed	
		Switch	
14	SMSWT003		
		Mountable POE-	
		Semi Managed	
		Switch	
15	SMSWT004	IP Surveillance 241	
		port - L3 SFP	
		Managed Switch	
16		Wireless Access 1	
		Point	
Cabl	es & Access		
17	CPCB001	CAT6 23AWG UTP1	
		Copper cable Per	

		3 A .					
		Meter					
18	CPCB002						
		SFTP Copper Per					
		Meter					
19	FBCB001A	Armoured 6 core	1				
-		HDPE SM Fiber					
		Cable per meter					
20	ERCR001R	Armoured 12 core	1				
40	I DCD001D	HDPE SM Fiber					
-	CDCC001 A	Cable per meter	-				
21	CPCC001A	CAT6 UTP -1M	1				
		Patch Cable					
22	CPAC 002A	CAT6 STP - 1M	1				
		Patch Cable					
23	CPAC003A	-24 Port Patch	1				
		Panel					
24	CPACC005	Cat 6 Keystone	1				
		-Single					
25	CPACC006	Back Box for single	1				
23		faceplate					
26	FRAC 001A	Fiber Accessories : 6	1				
40	TDAC 001A	port Rack Mount					
		UnLoaded LIU					
		FBACC001C -Fiber					
		Accessories : 24					
		port Rack Mount					
		UnLoaded LIU					
27	FBA C002A	Fiber Accessories : 1	1				
		x 6 Adapter Panel					
		FBACC002C -Fiber					
		Accessories: 1 x 24					
		Adapter Panel					
28	FBA C003A	-Fiber Accessories :	1				
	2 271 000371	_ IDDI IIDDUIIOS .	-				

		Single Mode SC Simplex FBACC003B -Fiber Accessories : Single Mode LC Simplex			
29	FBA C004A	Fiber Accessories :1 Single Mode SC Type FBACC004B –Fiber Accessories : Single Mode LC Type			
	FBA C005A	Accessories: Pig Tail SC SM Simplex FBACC005B – Fiber Accessories: Pig Tail LC SM Simplex FBACC005C – Fiber Accessories: Patch Cord SC-SC SM Duplex FBACC005D – Fiber Accessories: Patch Cord LC-SC SM Duplex FBACC005E – Fiber Accessories: Patch Cord LC-LC SM Duplex			
31	SWTA C 001	Transceiver Single ₁ mode SFP(1G) - 20			
		KM support			

32	SWTAC	Transceiver Single	1				
	002	mode SFP+(10G) -	-				
		20 KM support					
33	SWTAC	Single Mode Gigabit	1				
	003	Media Converter-					
		20Km Support					
34	SWTAC	Single Mode Fast	1				
	004	Ethernet Media					
	001	Converter- 2 KM					
		Support					
35	RACK 001	6 U Rack (Wall	1				
		Mounting) Depth					
		(450MM) with 3					
		power Sockets and					
		cable Manager					
36	RACK 002	9U Rack (Wall	11				
		Mounting) Depth					
		(450MM) with 3					
		power Sockets and					
		cable Manager					
37	RACK 003	24 U Rack (Floor	1				
		Standing) Depth					
		(1000MM) with 6					
		power Sockets and	1				
		cable Manager					
38	UPS001	600VA LIA UPS	1				
39	UPS002	1 KVA Online	1				
		UPS					
40	SYS001	Desktop	1				
		Computer- i5					
		Processor					
41	SYS002	Desktop	1				
**		Computer- i7	,				
		Computer- 17					

		Processor						
42	SYS003	Desktop Server	1					
43	TV001	23-Inch Monitor	1					
44	TV002	40-Inch	1					
		Professional LED						
		Display						
45	TV003	50-Inch	1					
		Professional LED						
		Display						
	IONAL IT		-	T	T			
47	CAM001	Cube Camera	1					
48	CAM002	(Fixed) PTZ Camera –	1					
40	CAMIUU2	CMOS	1					
49	CAM003	PTZ Camera –	1					
		CMOS	1					
ADI	ON ITEMS							
1	Hard Disk	-2 TB, 4TB, 3TB	1					
2	16GB Mem	nory	1					
3	32GB ECC	Memory	1					
4	32 GB M	emory Card (class	1					
	10)	,						
5	50" LED T	V	1					
6	Graphics C	ard -2 GB	1			_		
7	15' Pole		1					
8	10' Pole		1					
9	Outdoor	weather proof	1					

	Junction Box					
10	Camera compatible Speaker	1				
11	Camera compatible Mike	1				
12	IR Illuminator 60M	1				
13	IR Illuminator 100M	1				
14	Burglar Alarm/ siren	1				
15	Joy stick	1				
16	HDMI Cable per Meter	1				
17	VGA Cable Per Meter	1				
18	Video Splitter 1in and 2 Out	1				
19	Route Marker	1				
20	SD Card- 8GB, 16,Gb, 32 GB	1				
21	16 Bay JBOD	1				
22	SAS hard disk – 2TB,3TB & 4 TB					

<u>Note:</u> 1) The determination of the lowest evaluated price shall be as per the Tamil Nadu Transparency in Tenders Act 1998 and the Rules thereon.

- 2) Warranty: 36 Months
- 3) Rate Contract: 2 years from the date of issue of 1st Purchase order by ELCOT
- 4) The total cost excluding applicable Local Taxes and including all other duties and charges (Such as Excise Duty, Customs Duty, Installation Charges etc.) of individual items will be taken for Price Bid evaluation. The lowest offered Bidder for each item will be called as L1 Bidder for that item.

Annexure-3 - COMPREHENSIVE WARRANTY COST FOR 4TH AND 5TH YEAR

"RATE CONTRACT REF NO: ELCOT/PROC/OT/32858/IP Camera /2015-16

- Comprehensive warranty cost in percentage for the 4^{th} year = % Sales / Service Tax
- Comprehensive warranty cost in percentage for the 5th year = % Sales / Service Tax

Note:

Comprehensive Warranty for 4th and 5th Year should be quoted without fail, failing which the Price Bid shall not be considered for further process. Comprehensive warranty cost means cost toward all the spares, service charge and all Taxes, excluding consumable cost if any