

Bid Document

Bid Details	
Bid End Date/Time	05-08-2021 14:00:00
Bid Opening Date/Time	05-08-2021 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Military Affairs
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	1882
Item Category	Camera for CCTV System , Video Recorder For Cctv System-IS 9000 , portable hard disk , Port Fast Ethernet PoE Switch with 2 Gigabit Uplink , Junction Box for Lighting , Networking/Server Rack , CAT 6 Cable for Indoor use , CAT 6 Cable for Outdoor , Power Cable For Direct Burial Xlpe Ugac Cable-IS: 10418 , Supply & Installation of Pole / Mast Suitable for CCTV System (Accessories) , Television TV , Layer 2 Access Switch , Junction Box -BHEL , Installation & Commissioning charges for CCTV Cameras (Accessories)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Primary product category	Camera for CCTV System
Time allowed for Technical Clarifications during technical evaluation	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Post Dispatch
Name of the Empanelled Inspection Agency/ Authority	Commanding Officer

Bid Details**Evaluation Method**

Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	0.50
EMD Amount	7697

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	26

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

MSIO

Air Force Public Fund Account, Air Force station, Thanjavur, Southern Air Command
(Sunita Sahoo)

Splitting

Bid splitting not applied.

MSE Purchase Preference

MSE Purchase Preference	No
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Competent Authority Approval for not opting Micro and Small Enterprises Preference : [View Document](#)

MII Purchase Preference

MII Purchase Preference	No
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Competent Authority Approval for not opting Make In India Preference : [View Document](#)

1. Short Duration Bid has been published by the Buyer with the approval of the Competent authority due to Emergency procurement of critical products/services.

2. Inspection of Stores by Nominated Inspection Authority / Agency of buyer or their authorized representatives

An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with pre-dispatch/post-dispatch inspection in order to ensure that equipment, components, solutions and documentation

conform to contractual requirements. The buyer has a right to inspect goods in reasonable manner and within reasonable time at any reasonable place as indicated in contract. Inspection Fee/ Charges (as pre-greed between buyer and Inspection Agency) would be borne by the buyer as per their internal arrangement but may be recovered from the seller if the consignment failed to conform to contractual specification and got rejected by the Inspection Officer. If so requested and accepted by the seller, initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if consignment accepted by the Inspecting Officer. For reimbursement seller has to submit proof of payment to Inspection Agency.

Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place of inspection as per contract and the Inspecting officer shall on receipt of such notice notify to the seller the date and time when the stores would be inspected. The seller shall, at his own expenses, afford to the Inspecting officer, all reasonable facilities as may be necessary for satisfying himself that the stores are being and or have been manufactured in accordance with the technical particulars governing the supply. The decision of the purchaser representative / inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.

The Seller shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting officer may demand of him for any test, and examination, other than special or independent test, which he shall require to be made on the seller's premises and the seller shall bear and pay all costs attendant thereon.

The seller shall also provide and deliver store / sample from consignment under inspection free of charge at any such place other than his premises as the Inspecting officer may specify for acceptance tests for which seller/OEM does not have the facilities or for special/ independent tests.

In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at sellers premises, the seller shall, on demand, pay to the buyer the costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work.

Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may like fit and proper as per QAP/governing specification. The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer.

Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller.

Inspecting officer is the Final Authority to Certify Performance / accept the consignment. The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.

The seller shall if so required at his own expense shall mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.

Camera For CCTV System (16 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
IMAGE SENSOR	Image Sensor Type	CMOS
	Image Sensor Size	1, 0.67, 0.5, 0.555, 0.526, 0.588, 0.544 Or higher
	Camera Image Sensing capacity (Picture Mode)	8MP
	Resolution	4K HD (3840 X 2160 Pixel), D1 (704 x 480 Pixel), Full HD (1920 x 1080 Pixel), HD (1280 x 720 Pixel)
	Day/Night Capable	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	IR illumination Range(mtr)	50
CAMERA TYPE	Type of Camera Housing	BULLET CAMERA
	IP Camera	Yes
	PTZ Camera	No
OPTICS	Focal Length(mm)	2.8 - 12
VIDEO	Frame Rate (fps)	30
	Video Streaming	Quad Compressed Stream
PAN / TILT / ZOOM	Pan Speed (deg/sec)	NA
	Tilt Speed (deg/sec)	NA
	Optical Zoom	NA
	Digital Zoom	NA
AUDIO	Audio Support	Yes
ALARM	Alarm Support	Yes
PERFORMANCE	Minimum Illumination for Capturing Color Image	0.001 Or lower
	WDR (Wide Dynamic Range)	120 dB
	SNR (Signal to Noise Ratio)	50-60
HOUSING	Installation Type	Outdoor
	Material of the Housing construction	Alluminium
WARRANTY / SERVICES	Warranty	3, 4, 5 Or higher
	Time for Replacement of Defective Product During Warranty Period	12, 24, 36, 48, 72 Or lower

Additional Specification Parameters - Camera For CCTV System (16 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Camera to be a branded company and have wide area coverage. Non complying with brands criteria will lead to rejection of bids.	Camera to be a branded company and have wide area coverage. Non complying with brands criteria will lead to rejection of bids.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	16	30

Camera For CCTV System (5 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
IMAGE SENSOR	Image Sensor Type	CMOS
	Image Sensor Size	1, 0.67, 0.5, 0.357, 0.37, 0.4, 0.555, 0.526, 0.588, 0.544 Or higher
	Camera Image Sensing capacity (Picture Mode)	2MP
	Resolution	D1 (704 x 480 Pixel), Full HD (1920 x 1080 Pixel), HD (1280 x 720 Pixel)
	Day/Night Capable	Yes
	IR illumination Range(mtr)	120
CAMERA TYPE	Type of Camera Housing	DOME CAMERA
	IP Camera	Yes
	PTZ Camera	Yes
OPTICS	Focal Length(mm)	4.3 - 129
VIDEO	Frame Rate (fps)	25, 30, 50, 60
	Video Streaming	Triple compressed stream
PAN / TILT / ZOOM	Pan Speed (deg/sec)	240
	Tilt Speed (deg/sec)	120
	Optical Zoom	30X
	Digital Zoom	16X
AUDIO	Audio Support	Yes
ALARM	Alarm Support	Yes
PERFORMANCE	Minimum Illumination for Capturing Color Image	0.01, 0.005, 0.008, 0.002, 0.001 Or lower
	WDR (Wide Dynamic Range)	120 dB
	SNR (Signal to Noise Ratio)	50-60
HOUSING	Installation Type	Indoor, Outdoor
	Material of the Housing construction	Alluminium

Specification	Specification Name	Bid Requirement (Allowed Values)
WARRANTY / SERVICES	Warranty	2, 3, 4, 5 Or higher
	Time for Replacement of Defective Product During Warranty Period	12, 24, 36, 48, 72 Or lower

Additional Specification Parameters - Camera For CCTV System (5 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Camera to be a branded company . Non complying with brands criteria will lead to rejection of bids.	Camera to be a branded company . Non complying with brands criteria will lead to rejection of bids.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	5	30

Video Recorder For Cctv System-IS 9000 (3 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
VIDEO	Number of Video Input Channels	8
	Number of Non-IP based Video input Channels for HVR	NA
	Number of IP based Video input Channels for HVR	8
	Number of Video Output Channels	8
	Recording Resolution	4K (3840 × 2160)
TYPE	Type of Recording Device	NVR
	IP Camera Support	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
WARRANTY / SERVICES	PTZ Camera control Support	Yes
	Housing construction	Alluminium
	Warranty	1.0
	Time for Replacement of Defective Product During Warranty Period	48.0

Additional Specification Parameters - Video Recorder For Cctv System-IS 9000 (3 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Recording should be event based and minimum period of recording of 30 days should be available. NVR system to have minimum 16 channels.Backup supply to be available for the recording system.	Recording should be event based and minimum period of recording of 30 days should be available.NVR system to have minimum 16 channels. Backup supply to be available for the recording system.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	3	30

Portable Hard Disk (5 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type	External Portable
	Connectivity	Wired
	Digital Storage Capacity (TB)	4
	Speed (rpm)	5400
	Interface	Type A USB
	Water Resistant	No

Specification	Specification Name	Bid Requirement (Allowed Values)
	Shock Resistant	Yes
	On Site OEM Warranty (Years)	3

Additional Specification Parameters - Portable Hard Disk (5 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Should be branded and not of Chinese make.	Should be branded and not of Chinese make.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	5	30

Port Fast Ethernet PoE Switch With 2 Gigabit Uplink (2 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Technical Parameter	Network Port	8 10/100Mbps PoE RJ45 port (port 1~port 8)
Performance Parameter	Performance	Bandwidth: 5.6Gbps (no block), Frames filter and transfer rate, 10M port maximum 14,800pps, 100M port maximum 148,800pps

Additional Specification Parameters - Port Fast Ethernet PoE Switch With 2 Gigabit Uplink (2 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
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Specification Parameter Name	Bid Requirement (Allowed Values)
Should be branded and not of Chinese make.	Should be branded and not of Chinese make.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	2	30

Junction Box For Lighting (7 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Material of Junction Box	FRP (Fibre-reinforced plastic)
	Shape of Junction Box	Rectangle
	Degree of protection	IP65 (as per IS/IEC 60529:2001 latest)
	Safety compliances	Fire retardant Class - FV-0 (as per IS:11731 Part-II)
DIMENSIONS	Junction Box Width (in mm)	120
	Junction Box Height (in mm)	120
	Junction Box Depth (in mm))	90
	Material (sheet) thickness (in mm)	3
CONSTRUCTION	Type of front cover fixing on junction box (front side)	Front cover with 4 Nos. Fastners with retainers (Mild steel)
	No.of way on Junction Box (in Nos.)	2 (Top side), 4 (Top side), 6 (Top side), 8 (Top side), 10 (Top side), 2 (Bottom side), 4 (Bottom side), 6 (Bottom side), 8 (Bottom side), 10 (Bottom side)
	Cable Glands on junction box	Yes
	Voltage Grade of terminal block	1100 V, 50 HZ, AC
	Number of terminal connector on junction box	2
	Terminal connector supporting for maximum size of conductor (in Sq mm)	10
	Type of mounting	Wall Mounting

Specification	Specification Name	Bid Requirement (Allowed Values)
	Accessories for each junction box	Neoprene Rubber Gasket 1 No.
	Insulation resistance (between all live parts connected together and the body)	>200 MΩ
	High voltage withstand test (between all live parts connected together and the body)	2 KV (rms) for 1 minute
CERTIFICATIONS	Availability of test reports with complete drawings from Central Govt Lab/NABL/ILAC accredited laboratory to prove conformity of the specification	Yes

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	7	30

Networking/Server Rack (4 pieces)

Brand Type	Registered Brand
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Technical Specifications

* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specifications	Type of Server Racks	Rack Enclosures
	Size of Server Rack Enclosure	4U
	Warranty (Years)	1

Additional Specification Parameters - Networking/Server Rack (4 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Should be branded and not of Chinese make.	Should be branded and not of Chinese make.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	4	30

CAT 6 Cable For Indoor Use (600 meter)

Brand Type	Registered Brand
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Technical Specifications

* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Cable category: Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshileded twisted pair or Category 6 Shielded /Foiled Twisted Pair	CAT6 U/UTP
	Cable colour	Grey
	Conductor diameter	0.51 mm (24 AWG)
	Length of cable in a bundle (Mtrs)	305 mtrs.
CONSTRUCTIONAL	Cable jacket material	Fire retardant PVC
CERTIFICATIONS	UL Marking on Cable	Yes

Additional Specification Parameters - CAT 6 Cable For Indoor Use (600 meter)

Specification Parameter Name	Bid Requirement (Allowed Values)
Should be branded and not of Chinese make.	Should be branded and not of Chinese make.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	600	30

CAT 6 Cable For Outdoor (500 meter)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
CONSTRUCTIONAL	Inner jacket material	LSZH
	Storage temperature range	-20 deg.C to +70 deg. C
	Operating temperature range	-20 deg.C to +70 deg. C
Generic	Cable category	CAT6 UTP - Outer jacket FR PVC
	Conductor diameter	0.57 mm (23 AWG)
	Length of cable in a bundle (Mtrs)	305 mtrs
CERTIFICATIONS	UL Marking on Cable	No

Additional Specification Parameters - CAT 6 Cable For Outdoor (500 meter)

Specification Parameter Name	Bid Requirement (Allowed Values)
<p> piping material for outdoor cable laying to be provided. material should be weather proof and warranty on minimum 01 year to be provided. </p>	<p> piping material for outdoor cable laying to be provided. material should be weather proof and warranty on minimum 01 year to be provided. </p>

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	500	30

Power Cable For Direct Burial Xlpe Ugac Cable-IS: 10418 (700 meter)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Size of Cable (in Sq.mm)	50.0
	Number of cores (nos)	2
	Cable Type	Cross linked polyethylene and XLPE insulated PVC outer sheathed cable with aluminum conductor suitable for rated voltage at 1100 volts grade and conforming to IS: 7098 Part-1 1988 with amendment number 1 and 2 and 3 Reaffirmed 2005
	Armouring	Galvanised round steel wire armoured
	Armouring Type	single wire or strip armouring
	shape of conductor	Stranded and Shaped

Additional Specification Parameters - Power Cable For Direct Burial Xlpe Ugac Cable-IS: 10418 (700 meter)

Specification Parameter Name	Bid Requirement (Allowed Values)
Should be branded and not of Chinese make.	Should be branded and not of Chinese make.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	700	30

Supply & Installation Of Pole / Mast Suitable For CCTV System (Accessories) (5 pieces)

Brand Type	Unbranded
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Supply & Installation of Pole / Mast Suitable for CCTV System (Accessories)	Type of Pole	Cylindrical/Tubular Pole
	Mounting Bracket	With
	Finish	Galvanized
	Pole / Mast Height	6.0
	Type of Fixing	With Base Plate

Additional Specification Parameters - Supply & Installation Of Pole / Mast Suitable For CCTV System (Accessories) (5 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
For installation of 05 Dome cameras.	For installation of 05 Dome cameras.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	5	30

Television TV (4 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specifications	Type	LED Backlit LCD
	Screen Size (Inches)	49, 50, 52, 55, 60, 65, 70, 75, 77, 80, 82, 85, 86, 90, 95, 98, 100 Or higher
	Resolution (Pixels)	(3840x2160) UHD Or higher
	Category	Smart Or higher
	Typical Brightness	200 - 299, 300 - 399, 400 - 500 Or higher
	If Yes, Wattage of Speakers	10W x 2, 12W x 2, 20W x 2 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
Certification	Energy Star Rating in line with the Government of India Notification number S O 1896(E) and S O 1897(E)	1, 2, 3, 4, 5, NA Or higher
Warranty	Warranty(Years)	4

Additional Specification Parameters - Television TV (4 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Display system should be branded and not of Chinese make. Display system to be connected with NVR for display of CCTV recording at all times.	Display system should be branded and not of Chinese make. Display system to be connected with NVR for display of CCTV recording at all times.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	4	30

Video Recorder For Cctv System-IS 9000 (1 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
VIDEO	Number of Video Input Channels	8
	Number of Non-IP based Video input Channels for HVR	NA
	Number of IP based Video input Channels for HVR	NA
	Number of Video Output Channels	1
	Recording Resolution	Full HD (1920 x 1080)
TYPE	Type of Recording Device	DVR

Specification	Specification Name	Bid Requirement (Allowed Values)
	IP Camera Support	Yes
	PTZ Camera control Support	No
	Housing construction	Plastic
WARRANTY / SERVICES	Warranty	2.0
	Time for Replacement of Defective Product During Warranty Period	96.0

Additional Specification Parameters - Video Recorder For Cctv System-IS 9000 (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Recording should be event based and minimum period of recording of 30 days should be available.NVR system to have minimum 08 channels. Backup supply to be available for the recording system.	Recording should be event based and minimum period of recording of 30 days should be available.NVR system to have minimum 08 channels. Backup supply to be available for the recording system.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	1	30

Layer 2 Access Switch (6 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of Switch	UnManaged
	Technology	PoE+
	Number of 1G Copper Ports	8
	Number of 10G Copper Ports	0
	No. of 1 G SFP Port (Uplink)	0

Specification	Specification Name	Bid Requirement (Allowed Values)
	No. of 10 G SFP+ Port (Uplink)	0
	Multi-Gigabit Support	No
	Redundant Power supply (from day one)	Not available
	on Site OEM Warranty	3

Additional Specification Parameters - Layer 2 Access Switch (6 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Item to be compatible to be used with CCTV camera system.	Item to be compatible to be used with CCTV camera system.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	6	30

Junction Box -BHEL (3 pieces)

Brand Type	Unbranded
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Technical Specifications	Technical Specifications and Requirement of the products	As per BHEL Specification Drawing/standards

Additional Specification Parameters - Junction Box -BHEL (3 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Item to be compatible to be used with CCTV camera system.	Item to be compatible to be used with CCTV camera system.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	3	30

Installation & Commissioning Charges For CCTV Cameras (Accessories) (21 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Installation & Commissioning charges for CCTV Cameras (Accessories)	Type of Camera	IP Camera
	Shape of Camera Housing	Bullet
	Installation Type	Outdoor
	Type of Mounting	Pole Mounted
	Number of Cameras to be installed	26 to 50

Additional Specification Parameters - Installation & Commissioning Charges For CCTV Cameras (Accessories) (21 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
installation to include both PTZ and dome cameras with NVR and display system. Material should include proper piping material for the cables which are laid outdoor and warranty period of minimum one year to be provided on the installation material.	installation to include both PTZ and dome cameras with NVR and display system. Material should include proper piping material for the cables which are laid outdoor and warranty period of minimum one year to be provided on the installation material.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****THANJAVUR	21	30

Special terms and conditions-Version:1 effective from 04-05-2020 for category Power Cable For Direct Burial Xlpe Ugac Cable-IS: 10418

1. Specification for Cross linked Polyethylene insulated thermoplastic sheathed cables" is as per IS:7098 (Part 1):1988 with latest amendments including amendment no.5. Manufacturer shall furnish calculation sheet as per Appendix-C of IS:7098 (Part 1):1988 amdt., no.5 to buyer/consignee on demand. (Gem Category: Cross linked polyethylene and XLPE insulated PVC outer sheathed cable with aluminum conductor suitable for rated voltage at 1100 volts grade and conforming to IS: 7098 Part-1 1988 with latest amendment including amendment no.5)

Special terms and conditions-Version:1 effective from 04-05-2020 for category Supply & Installation of Pole / Mast Suitable for CCTV System (Accessories)

1. In addition to General Terms and Conditions of the GeM following Special T&C shall be applicable for Supply & Installation of Pole / Mast suitable for CCTV System.
 1. Inclusive in the Scope of installation and Commissioning:
 1. Supply of Pole / Mast and mounting bracket, where applicable.
 2. Civil work for fixing of Pole / Mast into the ground
 3. All necessary accessories such as nuts, bolts, rivets, anchoring bolts, base plate, bracket, etc., for fixing of Pole / Mast and provisioning of cabling glands for CCTV Cameras.
 2. Not - inclusive in the Scope of installation and Commissioning:
 1. Obtaining necessary approvals / permissions from the concerned Authorities, if any, for Installation of Pole / Mast suitable for CCTV System.
 3. Buyer's obligations:
 1. Obtaining necessary approvals / permissions from the concerned Authorities, if any, for Installation of Pole / Mast suitable for CCTV System."

Special terms and conditions-Version:1 effective from 04-05-2020 for category Installation & Commissioning charges for CCTV Cameras (Accessories)

1. In addition to General Terms and Conditions of the GeM following Special T&C shall be applicable for Installation & Commissioning charges for CCTV Cameras:
 1. Inclusive in the Scope of installation and Commissioning:
 1. Fixing of Camera Mount / Stand at designated place for the camera, i. e., on Wall / Ceiling / Pole.
 2. Fixing of Camera on Mount / Stand.
 3. All necessary accessories for fixing of Mount/ Stand.
 4. Connection and integrating the Cameras with power supply / CCTV Controller / NVR / DVR / HVR.
 2. Not - inclusive in the Scope of installation and Commissioning:
 1. Obtaining necessary approvals / permissions from the concerned Authorities, if any, for installation & Commissioning of CCTV Cameras.
 3. Buyer's obligations:
 1. Obtaining necessary approvals / permissions from the concerned Authorities, if any, for installation & Commissioning of CCTV Cameras.
 2. Buyer / Consignee shall provide power points, wherever necessary.

Buyer Added Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
2. **Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): no

Post Receipt Inspection at consignee site before acceptance of stores: yes

3. SLBR52
4. **Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER):** Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.
When there is requirement of submission the advance sample, the seller shall inform the buyer promptly through emails about the date of submission of sample to the buyer nominated Inspection agency.
5. **Testing of Sample:** The testing of advance sample and bulk sample during PDI will be carried at the designated AHSP labs. When testing facilities are not available, the facilities of Govt labs/NABL/Accredited labs will be utilized. The testing charges outside the designated AHSP labs to be borne by seller's.
6. **Availability of Service Centres:** Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
7. **Dedicated /toll Free Telephone No. for Service Support :** BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
8. **Escalation Matrix For Service Support :** Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
9. **Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.**
10. **For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:**
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
11. **The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:**
 - (i) Single order of at least 35% of estimated bid value; or
 - (ii) Two orders of at least 20% each of estimated bid value; or
 - (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion
12. **Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.**

13. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope Warranty should cover all items including installation till the warranty of all the products (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
14. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
15. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
16. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.
17. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
18. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
19. To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): Genuineness certificate for certifying the quality of the products being supplied.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---