

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 12:00:00
Bid Opening Date/Time	25-07-2020 12:30:00
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 Defence
Organisation Name	Indian Army
Office Name	*****
Total Quantity	1
Item Category	Video Recorder for CCTV System
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance *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
Past Performance	80 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Video Recorder For CCTV System (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
TYPE	Type of Recording Device	DVR	NVR, DVR, Hybrid Video Recorder (HVR), NVR with Failover/Redundancy(10:01)
	IP Camera Support	Yes	Yes, No
	PTZ Camera control Support	Yes	Yes, No
	Housing construction	Alluminium	Alluminium, Plastic
	Mounting	Rack Mounted	*
	Rack Mount configuration	1U	*
	Capability of Recorder to Work with Other Makes of CCTV Cameras (ONVIF support)	Yes	*
VIDEO	Number of Video Input Channels	8	4, 8, 16, 32, 64, 128, 256
	Number of Non-IP based Video input Channels for HVR	NA	4, 8, 16, 32, 64, 128, NA
	Number of IP based Video input Channels for HVR	NA	4, 8, 16, 32, 64, 128, NA

	Number of Video Output Channels	2	1, 2, 4, 8, 16, 32, 64
	Recording Resolution	Full HD (1920 x 1080)	D1 (704 x 480), HD (1280 x 720), Full HD (1920 x 1080), 4K (3840 x 2160), 12 MP (4000 X 3000)
	Supported Compression Technique	H.264,H.264+	*
	Maximum Number of cameras to be viewed on a single display	8	*
	Total number of simultaneous local views	1	*
	Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection)	16	*
	Recording Speed for all channels (fps)	25	*
	Minimum Through put (Mbps)	24	*
	Display Image Rate	Real time per channel	*
AUDIO	Audio Support	Yes	*
	Audio Input	4	*
	Audio Output	1	*
	Audio Compression	G.711	*
	Minimum Number of Simultaneous Channels for Two-way Audio Support	1	*
SECURITY	Type of Encryption	HTTPS (SSL/TSL),HTTP (SSL/TSL),WPA,WPA2	*
	Multi Level User ID / Password	Yes	*
ALARM	Alarm Support	No	*
	Alarm Input	NA	*
	Alarm Output	NA	*
	Pre / Post Alarm Buffer	No	*
	Pre-Alarm Recording	0	*
	Post-Alarm Recording	0	*
	Video Content Analytics	Trip-wire	*

	(VCA)	Detection,Motion Detection,Crossing line,Intrusion Detection,Object counting,Tampering	
NETWORK PROTOCOLS / INTERFACE / OPERATING SYSTEM	Operating System Supported	Windows,MAC,Linux	*
	Supported Network Protocols	IGMP,RTP,RSTP,HTTP,H TTPS,DNS,RTCP,NTP,UP nP,SMTP,FTP,ICMP,TCP/ IP	*
	Supported Interface	USB	*
	Physical Layer of Ethernet	10/100/1000 Base TX	*
	Number of Ethernet Ports	1	*
	Number of HDMI Ports	1	*
	Number of VGA Ports	1	*
	Number of CVBS Ports	0	*
	Number of USB Ports	2	*
	Number of Serial Ports	1	*
	Number of PoE Ports	1	*
	Supported SIM Slot	3G	*
	Number of SIM Slots	0	*
FEATURES	Video Loop Support	Yes	*
	Video Recorder supports recording on NAS Directly	Yes	*
	Remote Administration (Remote Configuration And Status Using Web Based Tool)	Yes	*
	System Update (Remote System Update Over Network Using Web Client)	Yes	*
	PC Client (PC Application Client With A Channel Recording Feature Support)	Yes	*
	Web Client (Viewer through HTTP system configuration)	Yes	*
	On Screen Display (In English)	Yes	*
	Drivers / Compatible	Yes	*

	Software (Wherever Applicable) Part Of Supply		
	Recording schedule support	Yes	*
	Bandwidth Control	Yes	*
	Camera Notification	Spot (POP up Window) on Event,SMS,E-mail	*
	Network transmission Speed	Real time display @ D1 resolution	*
	Other features, if any	-	*
PLAYBACK / VIEW / MANAGEMENT	Search	Date,Time,Event,Log,Motion,Bookmarks	*
	Bookmarks	Forward,Backward,adjustable playback speed,Full Screen,Next Camera,Previous Camera,Repeat	*
	Page preview	Multi Monitor Support,Video Window,Electronic Map on two separate monitors	*
	Total Management	Group add,Delete,Group management	*
	Camera	Add,Edit,Delete,Use Master account,Use Specific account	*
STORAGE	Internal Hard Drive Interface	SATA I	*
	Number of Hard Disks (inclusive in the scope of supply)	1	*
	Storage Capacity of each Hard Disk (TB)	1	*
	Total Storage Capacity(TB)	1	*
	Internal Storage Expandable upto (TB)	8	*
	Number of Hard Disks supported	1	*
	Redundancy Option	RAID 0	*
POWER SUPPLY	Power Input	12 V DC	*
	Power Consumption	20	*
	Suitable Adapter to be Supplied to Make the	Yes	*

OPERATING CONDITIONS	Equipment Work on 230 V \pm 10 %, 50 Hz		
	Redundant Power Supply	Yes	*
	Minimum Operating Temperature	-10	*
	Maximum Operating Temperature	55	*
WARRANTY / SERVICES	Relative Humidity Non Condensing at 40 deg C	90	*
	Warranty	1	1, 2, 3, 4, 5
	Time for Replacement of Defective Product During Warranty Period	24	12, 24, 36, 48, 72, 96
ENVIRONMENTAL / CERTIFICATION	Availability of facility and infrastructure for verification of all the parameters, features and capability with the Seller	Yes	*
	Conformity to Dry Heat test at Specified Maximum Operating Temperature for 16 hours as per IS :9000 latest	Yes	*
	Conformity to Damp heat at 40 degree C - 95% RH (cyclic test): two cycles of 16+8 hours as per IS: 9000 latest	Yes	*
	Conformity to Cold test at Specified Minimum Operating Temperature for 4 hours as per IS: 9000 latest	Yes	*
	BIS Registration for safety general requirements as per IS: 13252 (Part 1): latest	Yes	*
	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	-	*

	Test Report Number and Date	-	*
	Name and Address of Test Lab	-	*
	Certification	FCC	*
LIST OF ITEMS	List of Items and Quantity of each item included in the offer	-	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

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

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. 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.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. Warranty period of the supplied products shall be 3 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
6. 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.

7. 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

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

---Thank You---