

Bid Document

| Bid Details | |
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| Bid End Date/Time | 25-07-2020 11:00:00 |
| Bid Opening Date/Time | 25-07-2020 11:30:00 |
| 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 | 2 |
| Item Category | Video Recorder for CCTV System |
| 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 | 10 % |
| Bid to RA enabled | No |
| Inspection Required | No |

EMD Detail

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| Required | No |
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ePBG Detail

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| Required | No |
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Splitting

Bid splitting not applied.

1. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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 (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|---------------|---|-----------------------|---|
| TYPE | Type of Recording Device | NVR | 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 | Wall 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 | 16 | 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 | 16 | 4, 8, 16, 32, 64, 128, NA |
| | Number of Video Output Channels | 1 | 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 |

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| | | | (4000 X 3000) |
| | Supported Compression Technique | H.264,H.265,MPEG-4,MJPEG,H.265+,H.264+ | * |
| | Maximum Number of cameras to be viewed on a single display | 16 | * |
| | Total number of simultaneous local views | 4 | * |
| | 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) | 96 | * |
| | Display Image Rate | Real time per channel | * |
| AUDIO | Audio Support | Yes | * |
| | Audio Input | NA | * |
| | Audio Output | 1 | * |
| | Audio Compression | G.726,G.711,G.722.1,A-Law,U-Law,MP2L2,AAC,NA | * |
| | Minimum Number of Simultaneous Channels for Two-way Audio Support | 1 | * |
| SECURITY | Type of Encryption | NA | * |
| | 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 (VCA) | Trip-wire Detection,Motion Detection,Crossing line,Intrusion Detection,Face Recognition,Object counting,Tampering,Object | * |

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|--|--|--|---|
| | | Removal,Number Plate Recognition,NA | |
| NETWORK PROTOCOLS / INTERFACE / OPERATING SYSTEM | Operating System Supported | Windows | * |
| | Supported Network Protocols | UDP,SNMP,IGMP,DHCP, RTP,RSTP,HTTP,HTTPS, DNS,DDNS,RTSP,RTCP, NTP,UPnP,SMTP,FTP,IC MP,QoS,TCP/IP,NA (for DVR) | * |
| | Supported Interface | Ethernet,HDMI,VGA,USB | * |
| | Physical Layer of Ethernet | 10/100/1000 Base TX,NA | * |
| | 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 | 0 | * |
| | Number of PoE Ports | 0 | * |
| | Supported SIM Slot | NA | * |
| | Number of SIM Slots | 0 | * |
| FEATURES | Video Loop Support | No | * |
| | Video Recorder supports recording on NAS Directly | No | * |
| | 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,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 | Video Window | * |
| | Total Management | Group add,Delete,Group management | * |
| | Camera | Add,Edit,Delete,Use Master account,Use Specific account | * |
| STORAGE | Internal Hard Drive Interface | SATA II | * |
| | Number of Hard Disks (inclusive in the scope of supply) | 1 | * |
| | Storage Capacity of each Hard Disk (TB) | 4 | * |
| | Total Storage Capacity(TB) | 4 | * |
| | Internal Storage Expandable upto (TB) | 4 | * |
| | Number of Hard Disks supported | 1 | * |
| | Redundancy Option | NA | * |
| POWER SUPPLY | Power Input | 230 ± 10%, 50Hz | * |
| | Power Consumption | 10 | * |
| | Suitable Adapter to be Supplied to Make the Equipment Work on 230 V ± 10 %, 50 Hz | Yes | * |
| | Redundant Power | No | * |

| | | | |
|-------------------------------|---|----------------------|------------------------|
| | Supply | | |
| OPERATING CONDITIONS | Minimum Operating Temperature | -10 | * |
| | Maximum Operating Temperature | 55 | * |
| | Relative Humidity Non Condensing at 40 deg C | 90 | * |
| WARRANTY / SERVICES | Warranty | 1 | 1, 2, 3, 4, 5 |
| | Time for Replacement of Defective Product During Warranty Period | 48 | 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 | * |
| | 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,CE,UL,CB,CSA,NIL | * |
| 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 | 2 | 30 |

Bid Specific Additional Terms and Conditions

1. 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.
2. 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
3. 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.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

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

---Thank You---