

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	16
Item Category	Camera 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.

Camera For CCTV System (16 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
CAMERA TYPE	Type of Camera Housing	BULLET CAMERA	DOME CAMERA, BOX CAMERA, BULLET CAMERA
	IP Camera	Yes	Yes, No
	PTZ Camera	Yes	Yes, No
IMAGE SENSOR	Image Sensor Type	CMOS	CCD, CMOS
	Image Sensor Size	1	1, 0.67, 0.5, 0.34, 0.25, 0.357, 0.37, 0.4 Or higher
	Camera Image Sensing capacity (Picture Mode)	4MP	1MP, 1.3MP, 2MP, 3MP, 4MP, 5MP, 6MP, 8MP
	Resolution	D1 (704 x 480 Pixel), HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel), 4K HD (3840 X 2160 Pixel)	D1 (704 x 480 Pixel), HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel), 4K HD (3840 X 2160 Pixel)
	Day/Night Capable	Yes	Yes, No
	IR illumination Range(mtr)	80	15, 30, 50, 80, 100, 120, 150, NA
OPTICS	Lens Type	Fixed	*
	Focal Length(mm)	3.6 - 9	*
	Iris Control	Yes	*

	Focus Mode	Auto,Zooming,One Push,Manual,NA	*
VIDEO	Frame Rate (fps)	25,30,50,60	25, 30, 50, 60
	Video Compression	H.264,H.265,H.265+,MJPEG,MPEG4	*
	Video Streaming	Dual compressed stream	Dual compressed stream, Triple compressed stream, Quad Compressed Stream
PAN / TILT / ZOOM	Panning Range	NA	*
	Pan Speed (deg/sec)	120	120, 240, 320, NA, 180
	Tilt Range below horizontal (deg)	NA	*
	Tilt Range above horizontal (deg)	NA	*
	Tilt Speed (deg/sec)	90	90, 120, NA
	Optical Zoom	12X	12X, 20X, 30X, 36X, 44X, NA
	Digital Zoom	12X	10X, 12X, 16X, NA
AUDIO	Audio Support	No	Yes, No
	Audio Compression	NA	*
	Audio Streaming	NA	*
	Number of Audio Input Channel	NA	*
	Number of Audio Output Channel	NA	*
	External Microphone Support	No	*
ALARM	Alarm Support	Yes	Yes, No
	Number of Alarm Digital Input	1	*
	Number of Alarm Relay Output	1	*
	Pre/Post Alarm Buffer	No	*
SECURITY	Multi Level User ID/Password	Yes	*
	IP Address Filtering	Yes	*
	Encrypted Data Transmission	HTTPS (SSL/TSL)	*
PERFORMANCE	Minimum Illumination for Capturing Color Image	0.6	0.6, 0.5, 0.2, 0.1, 0.05, 0.01 Or lower

	Electronic Shutter Speed(sec)	1/3 to 1/10000	*
	WDR (Wide Dynamic Range)	80 dB	80 dB, 100 dB, 120 dB, DWDR
	SNR (Signal to Noise Ratio)	40-50	40-50, 50-60, 60-70, 70-80
	Auto Exposure	Auto Level Control,Electronic Level Control	*
FEATURES	White Balance (Indoor/Out door/Manual Selectable)	Yes	*
	Auto Gain Control (On/Off selectable)	Yes	*
	Back Light Compensation	Yes	*
	Remote Administration (Remote configuration and status using web based tool)	Yes	*
	Remote System Update Over Network	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	*
	ONVIF Support	Yes	*
	Presets	80	*
	Group Touring	10	*
	Privacy Zones	4	*
NETWORK AND INTERFACE	Supported Protocols	UDP,SNMP,IGMP,DHCP, RTP,RSTP,HTTP,SMTP,FTP,ICMP,HTTPS,DNS,DDNS,RTSP,RTCP,NTP,UPnP,QoS,TCP/IP,NA	*
	IP Support	Static,Dynamic,NA	*
	Signal Processing	Digital Signal Process	*
	IPv6 ready	No	*
	Wireless	No	*
	Simultaneous Connections	6	*

STORAGE	On Board SD Card Support	No	*
	SD Card Memory(GB)	NA	*
HOUSING	Installation Type	Outdoor	Indoor, Outdoor
	Material of the Housing construction	Alluminium	Alluminium, Plastic
	Protection	NA	*
	Vandal Resistant Housing	No	*
	If Yes, IK rating	NA	*
	Mounting bracket	Wall Mounted	*
	Weight	200	*
	Dimensions (mm x mm x mm)	-	*
POWER SUPPLY	Power Input	24 V DC,12 V DC,PoE	*
	Power Consumption	25	*
	Suitable Adapter Shall be Supplied to Make the Equipment Work on 230 V (+/- 10 %), 50 Hz	NA	*
OPERATING CONDITIONS	Operating Temperature Range	-20 to +50 deg C	*
	Relative Humidity Non Condensing (%)	95	*
WARRANTY / SERVICES	Warranty	1	1, 2, 3, 4, 5 Or higher
	Time for Replacement of Defective Product During Warranty Period	72	12, 24, 36, 48, 72 Or lower
	Supply of Compatible drivers and software included	Yes	*
ENVIRONMENTAL / CERTIFICATION	Availability of facility & infrastructure for verification of all parameters, features, and capability with Seller	Yes	*
	Availability of facility to test signal to noise ratio of camera at 0-01 lux	No	*
	Conformity to Dry Heat test at 55 degree C for	No	*

16 hours as per IS :9000 latest		
Conformity to Damp heat at 40 degree C - 95% RH (cyclic test): two cycles of 16+8 hours as per IS: 9000 latest	No	*
Conformity to Cold test at -10 / -20 degree C for 4 hours as per IS: 9000 latest, as applicable	No	*
BIS Registration for safety general requirements as per IS 13252 (Part 1):latest	Yes	*
Availability of Type Test Report from Central Govt /NABL/ILAC accredited lab to prove conformity to specification	No	*
Test Report Number and Date	-	*
Name and Address of Test Lab	-	*
Certification	FCC,CE,UL,CB,CSA,NIL	*

* 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	16	30

Bid Specific Additional Terms and Conditions

1. 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.

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