

Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 09:00:00
Bid Opening Date/Time	20-07-2020 09:30:00
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	4
Item Category	Camera for CCTV System (PAC Only)
Bidder Turnover (Last 3 Years)	1 Lakh (s)
MSE Exemption for Turnover	Yes
Startup Exemption for Turnover	Yes
Document required from seller	Bidder Turnover,OEM Authorization Certificate *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
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Camera For CCTV System (4 pieces) (Under PAC)

Make	hikvision
Model	ds-2de5225iw-ae

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
CAMERA TYPE	Type of Camera Housing	DOME CAMERA	DOME CAMERA
	IP Camera	Yes	Yes
	PTZ Camera	Yes	Yes
IMAGE SENSOR	Image Sensor Type	CMOS	CMOS
	Image Sensor Size	0.357	1, 0.67, 0.5, 0.357, 0.37, 0.4 Or higher
	Camera Image Sensing capacity (Picture Mode)	2MP	2MP
	Resolution	D1 (704 x 480 Pixel),HD (1280 x 720 Pixel),Full HD (1920 x 1080 Pixel)	D1 (704 x 480 Pixel), HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel)
	Day/Night Capable	Yes	Yes
	IR illumination Range(mtr)	150	150
OPTICS	Lens Type	Motorized Varifocal	*
	Focal Length(mm)	5 - 125	5 - 125
	Iris Control	Yes	*
	Focus Mode	Auto,Zooming,One Push,Manual	*
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
PAN / TILT / ZOOM	Panning Range	0-360	*
	Pan Speed (deg/sec)	320	320
	Tilt Range below horizontal (deg)	0-90	*
	Tilt Range above horizontal (deg)	0-5	*

	Tilt Speed (deg/sec)	120	120
	Optical Zoom	30X	30X
	Digital Zoom	16X	16X
AUDIO	Audio Support	Yes	Yes
	Audio Compression	G.726,G.722.1,G.711,A-Law,U-Law,MP2L2,AAC	*
	Audio Streaming	Two-Way	*
	Number of Audio Input Channel	2	*
	Number of Audio Output Channel	2	*
	External Microphone Support	Yes	*
ALARM	Alarm Support	Yes	Yes
	Number of Alarm Digital Input	2	*
	Number of Alarm Relay Output	2	*
	Pre/Post Alarm Buffer	Yes	*
SECURITY	Multi Level User ID/Password	Yes	*
	IP Address Filtering	Yes	*
	Encrypted Data Transmission	HTTPS (SSL/TSL)	*
PERFORMANCE	Minimum Illumination for Capturing Color Image	0.01	0.01 Or lower
	Electronic Shutter Speed(sec)	1/25 to 1/50000	*
	WDR (Wide Dynamic Range)	120 dB	120 dB
	SNR (Signal to Noise Ratio)	70-80	50-60, 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	100	*
	Group Touring	15	*
	Privacy Zones	20	*
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	*
	IP Support	Static,Dynamic	*
	Signal Processing	Digital Signal Process	*
	IPv6 ready	Yes	*
	Wireless	No	*
	Simultaneous Connections	20	*
STORAGE	On Board SD Card Support	Yes	*
	SD Card Memory(GB)	256	*
HOUSING	Installation Type	Indoor,Outdoor	Indoor, Outdoor
	Material of the Housing construction	Alluminium	Alluminium
	Protection	IP 66	*
	Vandal Resistant Housing	Yes	*
	If Yes, IK rating	NA	*
	Mounting bracket	Pole Mounted	*
	Weight	3300	*
	Dimensions (mm x mm)	208 mm x 345 mm	*

	x mm)		
POWER SUPPLY	Power Input	24 V DC,12 V DC,PoE	*
	Power Consumption	30	*
	Suitable Adapter Shall be Supplied to Make the Equipment Work on 230 V (+/- 10 %), 50 Hz	Yes	*
OPERATING CONDITIONS	Operating Temperature Range	-20 to +50 deg C	*
	Relative Humidity Non Condensing (%)	90	*
WARRANTY / SERVICES	Warranty	2	2, 3, 4, 5 Or higher
	Time for Replacement of Defective Product During Warranty Period	48	12, 24, 36, 48 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	Yes	*
	Conformity to Dry Heat test at 55 degree C 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 -10 / -20 degree C for 4 hours as per IS: 9000 latest, as applicable	Yes	*
	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	NA	*
Name and Address of Test Lab	NA	*
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	*****	*****KAMRUP	4	30

Bid Specific Additional Terms and Conditions

1. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
2. 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.
3. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
4. 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.
5. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
6. 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---