

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 17:00:00
Bid Opening Date/Time	27-07-2020 17:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Communications
Department Name	Department Of Posts
Organisation Name	Gujarat Postal Circle Department Of Posts
Office Name	Postmaster General Hq Region Shahibag
Total Quantity	17
Item Category	Camera for CCTV System
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	45000

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 (17 pieces)

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, BOX CAMERA, BULLET CAMERA

	IP Camera	Yes	Yes, No
	PTZ Camera	No	Yes, No
IMAGE SENSOR	Image Sensor Type	CMOS	CCD, CMOS
	Image Sensor Size	0.34	1, 0.67, 0.5, 0.34, 0.25, 0.357, 0.37, 0.4 Or higher
	Camera Image Sensing capacity (Picture Mode)	2MP	1MP, 1.3MP, 2MP, 3MP, 4MP, 5MP, 6MP, 8MP
	Resolution	Full HD (1920 x 1080 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)	30	15, 30, 50, 80, 100, 120, 150, NA
OPTICS	Lens Type	Fixed	*
	Focal Length(mm)	3.6 - 9	*
	Iris Control	Yes	*
	Focus Mode	Auto,Manual	*
VIDEO	Frame Rate (fps)	25,30	25, 30, 50, 60
	Video Compression	H.264,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)	NA	120, 240, 320, NA, 180
	Tilt Range below horizontal (deg)	NA	*
	Tilt Range above horizontal (deg)	NA	*
	Tilt Speed (deg/sec)	NA	90, 120, NA
	Optical Zoom	NA	12X, 20X, 30X, 36X, 44X, NA
	Digital Zoom	16X	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	No	Yes, No
	Number of Alarm Digital Input	NA	*
	Number of Alarm Relay Output	NA	*
	Pre/Post Alarm Buffer	No	*
SECURITY	Multi Level User	Yes	*

	ID/Password		
	IP Address Filtering	Yes	*
	Encrypted Data Transmission	HTTPS (SSL/TSL)	*
PERFORMANCE	Minimum Illumination for Capturing Color Image	0.1	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)	50-60	40-50, 50-60, 60-70, 70-80
	Auto Exposure	Auto Level Control,Electronic Level Control	*
FEATURES	White Balance (Indoor/Outdoor/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	10	*
	Group Touring	1	*
	Privacy Zones	4	*
NETWORK AND INTERFACE	Supported Protocols	DHCP,HTTP,TCP/IP	*
	IP Support	Static,Dynamic	*
	Signal Processing	Digital Signal Process	*
	IPv6 ready	No	*
	Wireless	No	*
	Simultaneous Connections	5	*
STORAGE	On Board SD Card Support	No	*
	SD Card Memory(GB)	NA	*
HOUSING	Installation Type	Indoor	Indoor, Outdoor
	Material of the Housing construction	Plastic	Alluminium, Plastic
	Protection	IP 66	*
	Vandal Resistant Housing	No	*

	If Yes, IK rating	NA	*
	Mounting bracket	Ceiling Mounted	*
	Weight	180	*
	Dimensions (mm x mm x mm)	-	*
POWER SUPPLY	Power Input	PoE,12 V DC	*
	Power Consumption	12	*
	Suitable Adapter Shall be Supplied to Make the Equipment Work on 230 V (+/- 10 %), 50 Hz	NA	*
OPERATING CONDITIONS	Operating Temperature Range	-10 to +50 deg C	*
	Relative Humidity Non Condensing (%)	90	*
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	No	*
	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 16 hours as per IS :9000 latest	No	*
	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	Yes	*
	Test Report Number and Date	-	*
	Name and Address of Test Lab	-	*
	Certification	FCC,CE	*

* 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	Jashvant Kantilal Bhavsar	380001,O/o Chief Postmaster, Ahmedabad General Post Office, Salapas Road, Relief Road, Mirzapur, Ahmedabad-380001	17	15

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.Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

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

---Thank You---