

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 13:00:00
Bid Opening Date/Time	27-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Gujarat
Department Name	Gujarat Mineral Development Corporation Limited, Ahmedabad
Organisation Name	N/a
Office Name	Corporate Office At Ahmedabad
Total Quantity	4
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

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)

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

IMAGE SENSOR	IP Camera	Yes	Yes
	PTZ Camera	Yes	Yes, No
	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	Full HD (1920 x 1080 Pixel),HD (1280 x 720 Pixel),Full HD (1920 x 1080 Pixel),4K HD (3840 X 2160 Pixel)	HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel), 4K HD (3840 X 2160 Pixel)
	Day/Night Capable	Yes	Yes
OPTICS	IR illumination Range(mtr)	120	120
	Lens Type	Motorized Varifocal	*
	Focal Length(mm)	4.3 - 129	4.3 - 129
	Iris Control	Yes	*
VIDEO	Focus Mode	Auto,Zooming,One Push,Manual	*
	Frame Rate (fps)	25,30,50,60	25, 30, 50, 60
	Video Compression	H.264,H.265+,H.265+,MJPEG	*
PAN / TILT / ZOOM	Video Streaming	Dual compressed stream	Dual compressed stream
	Panning Range	0-360	*
	Pan Speed (deg/sec)	240	240
	Tilt Range below horizontal (deg)	0-90	*
	Tilt Range above horizontal (deg)	0-5	*
	Tilt Speed (deg/sec)	120	120
	Optical Zoom	30X	12X, 20X, 30X, 36X, 44X, NA
AUDIO	Digital Zoom	16X	16X
	Audio Support	Yes	Yes
	Audio Compression	G.726,G.722.1,G.711,A-Law,U-Law,MP2L2	*
	Audio Streaming	Two-Way	*
	Number of Audio Input Channel	1	*
	Number of Audio Output Channel	1	*
ALARM	External Microphone Support	Yes	*
	Alarm Support	Yes	Yes
	Number of Alarm Digital Input	2	*
	Number of Alarm Relay Output	1	*

	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	0.05	0.05, 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)	50-60	50-60
	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	*
	Preset	100	*
	Group Touring	9	*
	Privacy Zones	8	*
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	Yes	*
	Simultaneous Connections	32	*
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	No	*
	If Yes, IK rating	NA	*
	Mounting bracket	Ceiling Mounted	*
	Weight	4.5	*
	Dimensions (mm x mm x mm)	-	*
POWER SUPPLY	Power Input	24 V DC,PoE	*
	Power Consumption	40	*
	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	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	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	Yes	*

Test Report Number and Date	-	*
Name and Address of Test Lab	-	*
Certification	FCC,CE,UL	*

* 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	Aboti Dixitkumar Jeshtalal	370601,GMDC Limited, Akrimota Thermal Power Station, At & Po : Nani Chher, Tal : Lakhpat, Dist : Kutch	4	15

Bid Specific Additional Terms and Conditions

1.Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---