

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 16:00:00
Bid Opening Date/Time	20-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Na
Organisation Name	N/a
Office Name	Numaligarh Refinery Limited
Total Quantity	5
Item Category	Camera for CCTV System
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Past Performance,Certificate (Requested in ATC),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
Past Performance	50 %
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.

### MSE Purchase Preference

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. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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 ( 5 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
CAMERA TYPE	Type of Camera Housing	BULLET CAMERA	BULLET CAMERA
	IP Camera	Yes	Yes
	PTZ Camera	No	No
IMAGE SENSOR	Image Sensor Type	CMOS	CMOS
	Image Sensor Size	0.34	1, 0.67, 0.5, 0.34, 0.357, 0.37, 0.4 Or higher
	Camera Image Sensing capacity	4MP	4MP

	<b>(Picture Mode)</b>		
	<b>Resolution</b>	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)
	<b>Day/Night Capable</b>	Yes	Yes
	<b>IR illumination Range(mtr)</b>	50	50
OPTICS	Lens Type	Motorized Varifocal	*
	<b>Focal Length(mm)</b>	2.8 - 12	2.8 - 12
	Iris Control	Yes	*
	Focus Mode	Auto,Zooming	*
VIDEO	<b>Frame Rate (fps)</b>	25,30	25, 30
	Video Compression	H.264,H.265,H.265+	*
	<b>Video Streaming</b>	Dual compressed stream	Dual compressed stream
PAN / TILT / ZOOM	Panning Range	NA	*
	<b>Pan Speed (deg/sec)</b>	NA	NA
	Tilt Range below horizontal (deg)	NA	*
	Tilt Range above horizontal (deg)	NA	*
	<b>Tilt Speed (deg/sec)</b>	NA	NA
	<b>Optical Zoom</b>	NA	NA
	<b>Digital Zoom</b>	16X	16X
AUDIO	<b>Audio Support</b>	Yes	Yes
	Audio Compression	G.722.1,G.711,A-Law,U-Law	*
	Audio Streaming	Two-Way	*
	Number of Audio Input Channel	1	*
	Number of Audio Output Channel	1	*
	External Microphone Support	Yes	*
ALARM	<b>Alarm Support</b>	Yes	Yes
	Number of Alarm Digital Input	1	*
	Number of Alarm Relay Output	1	*
	Pre/Post Alarm Buffer	Yes	*
SECURITY	Multi Level User	Yes	*

	ID/Password		
	IP Address Filtering	Yes	*
	Encrypted Data Transmission	HTTPS (SSL/TSL)	*
PERFORMANCE	<b>Minimum Illumination for Capturing Color Image</b>	0.05	0.05, 0.01 Or lower
	Electronic Shutter Speed(sec)	1/25 to 1/50000	*
	<b>WDR (Wide Dynamic Range)</b>	120 dB	120 dB
	<b>SNR (Signal to Noise Ratio)</b>	60-70	60-70
	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	0	*
	Group Touring	0	*
	Privacy Zones	4	*
NETWORK AND INTERFACE	Supported Protocols	UDP,SNMP,IGMP,DHCP, RTP,RSTP,HTTP,SMTP,FTP,ICMP,HTTPS,DNS,DDNS,RTSP,RTCP,NTP,UPn	*

		P,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)	128	*
HOUSING	<b>Installation Type</b>	Indoor,Outdoor	Indoor, Outdoor
	<b>Material of the Housing construction</b>	Alluminium	Alluminium
	Protection	IP67	*
	Vandal Resistant Housing	No	*
	If Yes, IK rating	NA	*
	Mounting bracket	Pole Mounted	*
	Weight	0.815	*
	Dimensions (mm x mm x mm)	-	*
POWER SUPPLY	Power Input	12 V DC,PoE	*
	Power Consumption	14	*
	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	<b>Warranty</b>	3	3, 4, 5 Or higher
	<b>Time for Replacement of Defective Product During Warranty Period</b>	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,	Yes	*

and capability with Seller		
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	Arun Gogoi	785699,Numaligarh Refinery Limited, General Manager (Commercial) PO-NRP,	5	20

## **Bid Specific Additional Terms and Conditions**

1. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

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

**---Thank You---**