

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	2
Item Category	Video Recorder 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.

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 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.

Video Recorder For CCTV System (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
TYPE	Type of Recording Device	NVR	NVR
	IP Camera Support	Yes	Yes
	PTZ Camera control Support	Yes	Yes
	Housing construction	Alluminium	Alluminium
	Mounting	Rack Mounted	*
	Rack Mount configuration	4U	*
	Capability of Recorder to Work with Other Makes of CCTV Cameras (ONVIF support)	Yes	*
VIDEO	Number of Video Input Channels	8	8
	Number of Non-IP based Video input Channels for HVR	NA	NA
	Number of IP based Video input Channels for HVR	NA	NA
	Number of Video	8	2, 8

	Output Channels		
	Recording Resolution	4K (3840 × 2160)	4K (3840 × 2160)
	Supported Compression Technique	H.264,H.265,MPEG-4,MJPEG,H.265+,H.264+	*
	Maximum Number of cameras to be viewed on a single display	8	*
	Total number of simultaneous local views	2	*
	Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection)	8	*
	Recording Speed for all channels (fps)	25	*
	Minimum Through put (Mbps)	192	*
	Display Image Rate	Real time per channel	*
AUDIO	Audio Support	No	*
	Audio Input	NA	*
	Audio Output	NA	*
	Audio Compression	NA	*
	Minimum Number of Simultaneous Channels for Two-way Audio Support	NA	*
SECURITY	Type of Encryption	HTTPS (SSL/TSL),HTTP (SSL/TSL),WPA,WPA2,TKIP,NA	*
	Multi Level User ID / Password	Yes	*
ALARM	Alarm Support	Yes	*
	Alarm Input	4	*
	Alarm Output	2	*
	Pre / Post Alarm Buffer	No	*
	Pre-Alarm Recording	1	*
	Post-Alarm Recording	1	*
	Video Content Analytics (VCA)	Trip-wire Detection,Motion Detection,Crossing line,Intrusion Detection,Face Recogni	*

		tion,Tampering,Object Removal,Number Plate Recognition,Video Loss,Digital Zoom 12X and more	
NETWORK PROTOCOLS / INTERFACE / OPERATING SYSTEM	Operating System Supported	Windows,MAC,Linux	*
	Supported Network Protocols	UDP,SNMP,DHCP,RSTP, HTTP,HTTPS,DNS,DDNS ,RTSP,RTCP,NTP,UPnP,S MTP,FTP,ICMP,QoS,TCP/ IP,NA (for DVR)	*
	Supported Interface	Ethernet,HDMI,VGA,CV BS,USB,RS-485	*
	Physical Layer of Ethernet	10/100/1000 Base TX	*
	Number of Ethernet Ports	1	*
	Number of HDMI Ports	1	*
	Number of VGA Ports	1	*
	Number of CVBS Ports	0	*
	Number of USB Ports	2	*
	Number of Serial Ports	0	*
	Number of PoE Ports	0	*
	Supported SIM Slot	NA	*
	Number of SIM Slots	0	*
FEATURES	Video Loop Support	Yes	*
	Video Recorder supports recording on NAS Directly	Yes	*
	Remote Administration (Remote Configuration And Status Using Web Based Tool)	Yes	*
	System Update (Remote System Update Over Network Using Web Client)	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	*

	Drivers / Compatible Software (Wherever Applicable) Part Of Supply	Yes	*
	Recording schedule support	Yes	*
	Bandwidth Control	Yes	*
	Camera Notification	Spot (POP up Window) on Event,E-mail	*
	Network transmission Speed	Real time display @ D1 resolution,Synchronous Playback up to 16 Ch full HD,,Constant Bit Rate (CBR),Variable Bit Rate (VBR)	*
PLAYBACK / VIEW / MANAGEMENT	Search	Date,Time,Event,Log,Motion,Bookmarks,Time-Lapse,Event,Thumbnail ,Motion,Text-In	*
	Bookmarks	Forward,Backward,adjustable playback speed,Full Screen,Next Camera,Previous Camera,Repeat	*
	Page preview	Multi Monitor Support,Video Window,Electronic Map on two separate monitors	*
	Total Management	Group add,Delete,Group management,Remote Data Export	*
	Camera	Add,Edit,Delete,Use Master account,Use Specific account	*
STORAGE	Internal Hard Drive Interface	SATA III	*
	Number of Hard Disks (inclusive in the scope of supply)	1	*
	Storage Capacity of each Hard Disk (TB)	2	*
	Total Storage Capacity(TB)	12	*
	Internal Storage Expandable upto (TB)	8	*
	Number of Hard Disks supported	2	*

POWER SUPPLY	Redundancy Option	RAID 0	*
	Power Input	12 V DC	*
	Power Consumption	6.9	*
	Suitable Adapter to be Supplied to Make the Equipment Work on 230 V \pm 10 %, 50 Hz	Yes	*
	Redundant Power Supply	Yes	*
OPERATING CONDITIONS	Minimum Operating Temperature	-10	*
	Maximum Operating Temperature	55	*
	Relative Humidity Non Condensing at 40 deg C	90	*
WARRANTY / SERVICES	Warranty	1	1.0
	Time for Replacement of Defective Product During Warranty Period	96	96.0
ENVIRONMENTAL / CERTIFICATION	Availability of facility and infrastructure for verification of all the parameters, features and capability with the Seller	Yes	*
	Conformity to Dry Heat test at Specified Maximum Operating Temperature 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 Specified Minimum Operating Temperature for 4 hours as per IS: 9000 latest	Yes	*
	BIS Registration for safety general requirements as per IS: 13252 (Part 1): latest	Yes	*

	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	-	*	
	Certification	FCC,CE,UL	*	
LIST OF ITEMS				
<p>* Specifications highlighted in bold are the Golden Parameters.</p> <p>* 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.</p>				
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, Numaligarh	2	20
Bid Specific Additional Terms and Conditions				
<p>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.</p> <p style="text-align: center;">This Bid is also governed by the General Terms and Conditions</p> <p style="text-align: center;">---Thank You---</p>				