

### Bid Document

Bid Details	
Bid End Date/Time	04-07-2020 12:00:00
Bid Opening Date/Time	2020-07-04 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Gujarat
Department Name	Energy And Petro Chemicals Department Gujarat
Organisation Name	Gujarat Electricity Board (geb) - Gujarat Urja Vikas Nigam Limited (guvnl)
Office Name	Pgvcl
Total Quantity	1
Item Category	Video Recorder for CCTV System ( <b>PAC Only</b> )
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.

### Video Recorder For CCTV System ( 1 pieces ) ( Under PAC )

Make	cpplus
Model	cpplus&cp-uvr-1601e1

## Technical Specifications

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

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
TYPE	<b>Type of Recording Device</b>	DVR	DVR
	<b>IP Camera Support</b>	Yes	Yes, No
	<b>PTZ Camera control Support</b>	Yes	Yes, No
	<b>Housing construction</b>	Alluminium	Alluminium
	Mounting	Rack Mounted	*
	Rack Mount configuration	NA	*
	Capability of Recorder to Work with Other Makes of CCTV Cameras (ONVIF support)	Yes	*
VIDEO	<b>Number of Video Input Channels</b>	16	16
	<b>Number of Non-IP based Video input Channels for HVR</b>	16	16
	<b>Number of IP based Video input Channels for HVR</b>	16	16
	<b>Number of Video Output Channels</b>	16	16
	<b>Recording Resolution</b>	Full HD (1920 x 1080)	Full HD (1920 x 1080)
	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	16	*
	Total number of simultaneous local views	4	*
	Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection)	16	*

	Recording Speed for all channels (fps)	6	*
	Minimum Through put (Mbps)	512	*
	Display Image Rate	Real time per channel	*
AUDIO	Audio Support	No	*
	Audio Input	4	*
	Audio Output	1	*
	Audio Compression	G.726,G.711,G.722.1,A-Law,U-Law,MP2L2,AAC,NA	*
	Minimum Number of Simultaneous Channels for Two-way Audio Support	2	*
SECURITY	Type of Encryption	HTTPS (SSL/TSL),HTTP (SSL/TSL),WPA,WPA2,TKIP,NA	*
	Multi Level User ID / Password	Yes	*
ALARM	Alarm Support	No	*
	Alarm Input	NA	*
	Alarm Output	NA	*
	Pre / Post Alarm Buffer	No	*
	Pre-Alarm Recording	0	*
	Post-Alarm Recording	0	*
	Video Content Analytics (VCA)	Trip-wire Detection,Motion Detection,Crossing line,Intrusion Detection,Face Recognition,Object counting,Tampering,Object Removal,Number Plate Recognition,NA	*
NETWORK PROTOCOLS / INTERFACE / OPERATING SYSTEM	Operating System Supported	Windows	*
	Supported Network Protocols	UDP,SNMP,IGMP,DHCP, RTP,RSTP,HTTP,HTTPS, DNS,DDNS,RTSP,RTCP, NTP,UPnP,SMTP,FTP,ICMP,QoS,TCP/IP,NA (for DVR)	*
	Supported Interface	Ethernet,Wifi,HDMI,VGA ,USB	*
	Physical Layer of	10/100/1000 Base	*

	Ethernet	TX,NA	
	Number of Ethernet Ports	1	*
	Number of HDMI Ports	1	*
	Number of VGA Ports	1	*
	Number of CVBS Ports	1	*
	Number of USB Ports	2	*
	Number of Serial Ports	0	*
	Number of PoE Ports	0	*
	Supported SIM Slot	4G	*
	Number of SIM Slots	1	*
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,SMS,E-mail	*
	Network transmission Speed	Real time display @ D1 resolution	*
	Other features, if any	na	*
PLAYBACK / VIEW /	Search	Date,Time,Event,Log,M	*

MANAGEMENT		otion,Bookmarks	
	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	*
	Camera	Add,Edit,Delete,Use Master account,Use Specific account	*
STORAGE	Internal Hard Drive Interface	SATA I	*
	Number of Hard Disks (inclusive in the scope of supply)	1	*
	Storage Capacity of each Hard Disk (TB)	2	*
	Total Storage Capacity(TB)	2	*
	Internal Storage Expandable upto (TB)	16	*
	Number of Hard Disks supported	2	*
	Redundancy Option	RAID 0	*
POWER SUPPLY	Power Input	230 ± 10%, 50Hz,12 V DC,24 V DC	*
	Power Consumption	100	*
	Suitable Adapter to be Supplied to Make the Equipment Work on 230 V ± 10 %, 50 Hz	Yes	*
	Redundant Power Supply	Yes	*
OPERATING CONDITIONS	Minimum Operating Temperature	0	*
	Maximum Operating Temperature	60	*
	Relative Humidity Non Condensing at 40 deg C	80	*

WARRANTY / SERVICES	<b>Warranty</b>	2	2.0
	<b>Time for Replacement of Defective Product During Warranty Period</b>	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	No	*
	Test Report Number and Date	na	*
	Name and Address of Test Lab	na	*
	Certification	FCC,CE,UL,CB,CSA,NIL	*
LIST OF ITEMS	List of Items and Quantity of each item included in the offer	1	*

\* 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	Bhojani Hasmukh Maganbhai	360375, Division Office, PGVCL, 66KV GEB Compound, Dhoraji Raod, Near Canal, Jetpur - 360375	1	15

### Bid Specific Additional Terms and Conditions

1. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
2. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

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

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