

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	13-02-2021 11:00:00
<b>Bid Opening Date/Time</b>	13-02-2021 11:30:00
<b>Bid Life Cycle (From Publish Date)</b>	90 (Days)
<b>Bid Offer Validity (From End Date)</b>	30 (Days)
<b>Ministry/State Name</b>	Ministry Of Science And Technology
<b>Department Name</b>	Department Of Science And Technology (dst)
<b>Organisation Name</b>	National Innovation Foundation Gujarat
<b>Office Name</b>	Head Quarter
<b>Total Quantity</b>	3680
<b>Item Category</b>	Wireless Access Point , Fibre Cable for Networking , Camera for CCTV System , Video Recorder For Cctv System-IS 9000 , Hard disk drives , Telecommunication Cable - Fully filled (Petroleum Jelly or Absorbent Thixotropic Gel) , telecommunication cable , CAT 6 Cable for Indoor use , Networking/Server Rack , modular electrical enclosure switch board boxes for modular type accessories , Insulated Electrical Conduits Pipe-IS 9537 , Fiber Optic Patch Cord , connector mounting hardware-multi plug , Small form-factor pluggable transceiver , Fiber Optic Patch Panels, Rack Mountable
<b>Bidder Turnover (Last 3 Years)</b>	2 Lakh (s)
<b>Experience Criteria</b>	1 Year (s)
<b>MSE Exemption for Years Of Experience and Turnover</b>	Yes
<b>Startup Exemption for Years Of Experience and Turnover</b>	Yes
<b>Document required from seller</b>	Experience Criteria,Bidder Turnover *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
<b>Bid to RA enabled</b>	No
<b>Primary product category</b>	Wireless Access Point
<b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
<b>Inspection Required</b>	No
<b>Evaluation Method</b>	Total value wise evaluation

### EMD Detail

Required	No
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#### ePBG Detail

Required	No
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#### Splitting

Bid splitting not applied.

#### MSE Purchase Preference

MSE Purchase Preference	Yes
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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 Financial years as indicated above 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 Financial 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% (Selected by Buyer) 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 25%(selected by Buyer) percentage of total QUANTITY.

#### Wireless Access Point ( 4 pieces )

#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Access Point</b>	Controller Based
	<b>Deployment</b>	Indoor
	<b>Wireless Speed Up to (Mbps)</b>	1750
	<b>Max Wireless Signal Range in Mts</b>	50
	<b>Supported Encryption</b>	WPA-PSK, WEP, WPA2 AES, 802.11i, EAP-TLS., WPA-TKIP, WPA AES
	<b>On Site OEM Warranty (Years)</b>	3

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	4	15

**Fibre Cable For Networking ( 100 meter )****Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Generic	Fibre count	6
	Jacket material	HDPE
	Fibre type	Single mode OS1
	Operational temperature range	-20 deg C to +60 deg. C
	Storage temperature range	-20 deg C to +60 deg. C
Constructional	Type of tube / no. of tube / no. of core per tube	Unitube /1/6
	Cable Armouring	Armoured with ECCS tape, Unarmoured
Performance	Installation temperature range	-30 deg C to + 60 deg C

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	100	15

**Camera For CCTV System ( 11 pieces )****Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
IMAGE SENSOR	Image Sensor Type	CMOS

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Image Sensor Size</b>	1, 0.67, 0.5, 0.357, 0.37, 0.4, 0.555, 0.526, 0.588, 0.544 Or higher
	<b>Camera Image Sensing capacity (Picture Mode)</b>	2MP, 4MP
	<b>Resolution</b>	D1 (704 x 480 Pixel), Full HD (1920 x 1080 Pixel), HD (1280 x 720 Pixel)
	<b>Day/Night Capable</b>	Yes
	<b>IR illumination Range(mtr)</b>	30, 20
CAMERA TYPE	<b>Type of Camera Housing</b>	BULLET CAMERA
	<b>IP Camera</b>	Yes
	<b>PTZ Camera</b>	No
OPTICS	<b>Focal Length(mm)</b>	6
VIDEO	<b>Frame Rate (fps)</b>	25, 30
	<b>Video Streaming</b>	Triple compressed stream
PAN / TILT / ZOOM	<b>Pan Speed (deg/sec)</b>	NA
	<b>Tilt Speed (deg/sec)</b>	NA
	<b>Optical Zoom</b>	NA
	<b>Digital Zoom</b>	16X
AUDIO	<b>Audio Support</b>	No
ALARM	<b>Alarm Support</b>	No
PERFORMANCE	<b>Minimum Illumination for Capturing Color Image</b>	0.1, 0.05, 0.01, 0.005, 0.008, 0.002, 0.001, 0.03, 0.02, 0.011 Or lower
	<b>WDR (Wide Dynamic Range)</b>	120 dB
	<b>SNR (Signal to Noise Ratio)</b>	40-50
NETWORK AND INTERFACE	IP Support	Static, Dynamic
HOUSING	<b>Installation Type</b>	Indoor, Outdoor
	<b>Material of the Housing construction</b>	Alluminium
WARRANTY / SERVICES	<b>Warranty</b>	3, 4, 5 Or higher
	<b>Time for Replacement of Defective Product During Warranty Period</b>	12, 24, 36, 48, 72 Or lower

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	11	15

## Camera For CCTV System ( 1 pieces )

### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
IMAGE SENSOR	Image Sensor Type	CMOS
	Image Sensor Size	1 Or higher
	Camera Image Sensing capacity (Picture Mode)	2MP, 4MP
	Resolution	Full HD (1920 x 1080 Pixel)
	Day/Night Capable	Yes
	IR illumination Range(mtr)	30
CAMERA TYPE	Type of Camera Housing	DOME CAMERA
	IP Camera	Yes
	PTZ Camera	No
OPTICS	Focal Length(mm)	2.8
VIDEO	Frame Rate (fps)	30
	Video Streaming	Dual compressed stream
PAN / TILT / ZOOM	Pan Speed (deg/sec)	NA
	Tilt Speed (deg/sec)	NA
	Optical Zoom	NA
	Digital Zoom	NA
AUDIO	Audio Support	No
ALARM	Alarm Support	No
PERFORMANCE	Minimum Illumination for Capturing Color Image	0.01, 0.005, 0.008, 0.002, 0.001 Or lower
	WDR (Wide Dynamic Range)	DWDR
	SNR (Signal to Noise Ratio)	40-50
NETWORK AND INTERFACE	IP Support	Static
HOUSING	Installation Type	Indoor
	Material of the Housing construction	Alluminium
WARRANTY / SERVICES	Warranty	1, 2, 3, 4, 5 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Time for Replacement of Defective Product During Warranty Period</b>	12, 24, 36, 48 Or lower

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	1	15

#### Video Recorder For Cctv System-IS 9000 ( 1 pieces )

#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
TYPE	<b>Type of Recording Device</b>	NVR
	<b>IP Camera Support</b>	Yes
	<b>PTZ Camera control Support</b>	Yes
	<b>Housing construction</b>	Alluminium
VIDEO	<b>Number of Video Input Channels</b>	16
	<b>Number of Non-IP based Video input Channels for HVR</b>	16, NA
	<b>Number of IP based Video input Channels for HVR</b>	16
	<b>Number of Video Output Channels</b>	2
	<b>Recording Resolution</b>	4K (3840 × 2160)
STORAGE	Storage Capacity of each Hard Disk (TB)	8
WARRANTY / SERVICES	<b>Warranty</b>	2.0
	<b>Time for Replacement of Defective Product During Warranty Period</b>	48.0

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	1	15

**Hard Disk Drives ( 2 pieces )****Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Capacity of Drive (GB)	4000
	Type of Drive	NL SAS
	Interface Type	SATA
	Warranty (Years)	1

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	2	15

**Telecommunication Cable - Fully Filled (Petroleum Jelly Or Absorbent Thixotropic Gel) ( 130 meter )****Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Cable construction	Armoured
	Conductor diameter (mm)	0.50
	Number of pair (Number)	20
	Length of cable in a bundle (Mtrs)	200

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	130	15

### Telecommunication Cable ( 250 meter )

#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Conductor diameter Nominal (Range) (mm)	0.6, 0.5
	Number of pair (Number)	2, 4, 2.0
	Length of cable in a bundle (Mtrs)	250

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	250	15

### CAT 6 Cable For Indoor Use ( 2440 meter )

#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Cable category: Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshielded twisted pair or Category 6 Shielded /Foiled Twisted Pair	CAT6 U/UTP
	Cable colour	Grey
	Conductor diameter	0.51 mm (24 AWG)
	Length of cable in a bundle (Mtrs)	305 mtrs.
CONSTRUCTIONAL	Cable jacket material	Fire retardant PVC
CERTIFICATIONS	UL Marking on Cable	Yes



**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	2440	15

**Networking/Server Rack ( 1 pieces )****Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Specifications	Type of Server Racks	Rack Enclosures
	Size of Server Rack Enclosure	12U, 36U
	Warranty (Years)	1

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	1	15

**Modular Electrical Enclosure Switch Board Boxes For Modular Type Accessories ( 12 pieces )****Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Switch board boxes for installation of Modular Type of electrical accessories	Without Frame Plate
	Materiel of switch board boxes	Dough Moulding Compound (DMC)
	Number of modules which can be accomodated and configuration defined as below ( Ax B x C)	One Module (1 x 1 x 1 M)

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Minimum size of the box ( L mm x W mm x W mm)</b>	135 mm x 135 mm x 50 mm
	<b>Matching Cover Plate</b>	With
	<b>Matching Frame Plate</b>	Without

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	12	15

#### Insulated Electrical Conduits Pipe-IS 9537 ( 270 pieces )

##### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
CONSTRUCTIONAL	<b>Nominal Size of the Conduit, (mm)</b>	25
	<b>Length (Metres)</b>	8
	<b>Socket ended conduit (at one end )</b>	No
CERTIFICATION	<b>ISI Marked</b>	Yes

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	270	15

#### Modular Electrical Enclosure Switch Board Boxes For Modular Type Accessories ( 2 pieces )

##### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	<b>Switch board boxes for installation of Modular Type of electrical accessories</b>	With Frame Plate
	<b>Materiel of switch board boxes</b>	Galvanised Iron Sheet
	<b>Number of modules which can be accomodated and configuration defined as below ( Ax B x C)</b>	Four Module (1 x 2 x 2 M)
	<b>Minimum size of the box ( L mm x W mm x W mm)</b>	135 mm x 135 mm x 50 mm
	<b>Matching Cover Plate</b>	With
	<b>Matching Frame Plate</b>	With

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	2	15

#### Fiber Optic Patch Cord ( 2 pieces )

##### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	<b>Connector type, Connector End A</b>	SC, LC
	<b>Connector type, Connector End B</b>	LC
	<b>Cable type</b>	Duplex
	<b>Fiber type</b>	Single Mode 9/125 micron
	<b>Cable Size, Outer dia (in mm)</b>	0.9
	<b>Cord Length (in m)</b>	1
	<b>Jacket material (Sheath material)</b>	PVC
	<b>Cable color</b>	Yellow
	<b>Operating temprature</b>	-20 deg.C to +60 deg C

Specification	Specification Name	Bid Requirement (Allowed Values)
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3
	Connector Return loss , Min. (in dB)	50
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	2	15

#### Connector Mounting Hardware-multi Plug ( 450 pieces )

##### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Input pin Rating (AMP)	6 A

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	450	15

#### Small Form-factor Pluggable Transceiver ( 2 pieces )

##### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of Transceiver	SFP+
	On Site OEM Warranty (Year)	1

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	2	15

**Fiber Optic Patch Panels, Rack Mountable ( 2 pieces )****Technical Specifications**

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

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Type of Connector for which optic fiber panel is compatible	SC
	Fiber Optic Panels Compatible for	Single Mode, Duplex
	No. of ports (in Nos.)	6

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Pallav Mair	382650, Grambharti, Amrapur, Gandhinagar-Mahudi Road	2	15

**Buyer added Bid Specific Additional Scope of Work**

S.No.	Document Title	Description	Applicable i.r.o. Items
1	IT requirements <a href="#">View</a>	Services to install the products specified should be included in the amount of bid being submitted. The additional products may also be taken for bid from the attached file. They are not originally part of bunch bid as they were not available on GeM, however, needed to complete the project.	Networking/Server Rack(1)

**The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.**

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

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

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