

Bid Document

Bid Details	
Bid End Date/Time	11-08-2021 16:00:00
Bid Opening Date/Time	11-08-2021 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Na
Organisation Name	Nhpc Limited
Office Name	Uri Power Station
Total Quantity	15504
Item Category	CAT 6 Cable for Indoor use , telephone instrument single push button , modular electrical enclosure switch board boxes for modular type accessories , Adhesive Tape Spindles-IS 13262 , Cable network tester , Crimping Tools , Telephone Junction Box , portable hard disk , Hard disk drives , pen drive or flash drive , Random Access Memory , Keyboard and Mouse Combo , Network Interface Card , DVD Writer , connector mounting hardware-multi plug , CAT 6 Information outlet , Fibre Patch Panel (LIU) , Telephone Line Cord , Low Voltage Surge Protective Devices (Surge Protector Panel)-IS:8794, IS:12987 , Fiber Optic Patch Cord , Switch Mode Power Supply (SMPS) as per IS:14886: , Motherboard for Desktop , Button Cell or Coin Cell Battery , HDMI Extender , VGA Cable , Layer 2 Access Switch , Fiber Optic Patch Panels, Rack Mountable , Cat 6 Patch Panel Rev 1 , Splice Closure for Optical Fiber Cables , Pliers,Pincers And Nippers-IS 2615, IS 11526 , Small form-factor pluggable transceiver , Cables suitable for CCTV System (Accessories) , Telecommunication Cable - Fully filled (Petroleum Jelly or Absorbent Thixotropic Gel) , telecommunication cable , Pigtails for Fiber Cable Connection
Minimum Average Annual Turnover of the Bidder	4 Lakh (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	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
Bid to RA enabled	No
Primary product category	Pigtails for Fiber Cable Connection

Bid Details	
Time allowed for Technical Clarifications during technical evaluation	3 Days
Estimated Bid Value	1631865
Evaluation Method	Group wise evaluation

EMD Detail

Required	No
----------	----

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	14

(a). The EMD % will be applicable for each schedule/group selected during Bid creation.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

SENIOR MANAGER STORE
URI POWER STATION, NA, NHPC Limited, Ministry of Power
(Nhpc Ltd)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
-------------------------	-----

MSE Purchase Preference

MSE Purchase Preference	Yes
-------------------------	-----

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

4. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

5. 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.

6. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Evaluation Method (Group Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Estimated Value	Item/Category	Consignee/Reporting Officer	Consignee Address	Quantity
		Cat 6 Cable For Indoor Use	Rejish Tiru	Boniyar 193122	1830
		Cat 6 Cable For Indoor Use	Rejish Tiru	Boniyar 193122	1830
		Cables Suitable For Cctv System (accessories)	Rejish Tiru	Boniyar 193122	1500
		Cables Suitable For Cctv System (accessories)	Rejish Tiru	Boniyar 193122	1500
		Cables Suitable For Cctv System (accessories)	Rejish Tiru	Boniyar 193122	1500

CABLE	495983	Pigtails For Fiber Cable Connection	Rejish Tiru	Boniyar 193122	60
		Vga Cable	Rejish Tiru	Boniyar 193122	15
		Cat 6 Information Outlet	Rejish Tiru	Boniyar 193122	30
		Telecommunication Cable - Fully Filled (petroleum Jelly Or Absorbent Thixotropic Gel)	Rejish Tiru	Boniyar 193122	2000
		Telecommunication Cable	Rejish Tiru	Boniyar 193122	3000
		Cable Network Tester	Rejish Tiru	Boniyar 193122	4
		Cat 6 Patch panel Rev 1	Rejish Tiru	Boniyar 193122	6
HARD DISK	205135	Portable Hard Disk	Rejish Tiru	Boniyar 193122	5
		Hard Disk Drives	Rejish Tiru	Boniyar 193122	10
		Pen Drive Or Flash Drive	Rejish Tiru	Boniyar 193122	20
		Random Access Memory	Rejish Tiru	Boniyar 193122	15
		Portable Hard Disk	Rejish Tiru	Boniyar 193122	2
		Random Access Memory	Rejish Tiru	Boniyar 193122	20
		Random Access Memory	Rejish Tiru	Boniyar 193122	20
PATCH CORD	235644	Fiber Optic Patch Cord	Rejish Tiru	Boniyar 193122	15
		Fiber Optic Patch Cord	Rejish Tiru	Boniyar 193122	15
		Fiber Optic Patch Cord	Rejish Tiru	Boniyar 193122	20
		Fiber Optic Patch Cord	Rejish Tiru	Boniyar 193122	20
		Fiber Optic Patch Cord	Rejish Tiru	Boniyar 193122	15
		Fiber Optic Patch Cord	Rejish Tiru	Boniyar 193122	15
		Fiber Optic Patch Panels, Rack Mountable	Rejish Tiru	Boniyar 193122	12
		Fiber Optic Patch Panels, Rack Mountable	Rejish Tiru	Boniyar 193122	12
		Fibre Patch Panel (Iiu)	Rejish Tiru	Boniyar 193122	10

MISCELLANEOUS	514753	Telephone Junction Box	Rejish Tiru	Boniyar 193122	6
		Low Voltage Surge Protective Devices (surge Protector Panel)-is:8794, Is:12987	Rejish Tiru	Boniyar 193122	400
		Crimping Tools	Rejish Tiru	Boniyar 193122	4
		Switch Mode Power Supply (smgs) As Per Is:14886:	Rejish Tiru	Boniyar 193122	20
		Motherboard For Desktop	Rejish Tiru	Boniyar 193122	5
		Button Cell Or Coin Cell Battery	Rejish Tiru	Boniyar 193122	200
		Hdmi Extender	Rejish Tiru	Boniyar 193122	15
		Splice Closure For Optical Fiber Cables	Rejish Tiru	Boniyar 193122	20
		Pliers,pincers And Nippers-is 2615, Is 11526	Rejish Tiru	Boniyar 193122	5
		Connector Mounting Hardware-multi Plug	Rejish Tiru	Boniyar 193122	110
		Telephone Instrument Single Push Button	Rejish Tiru	Boniyar 193122	80
		Modular Electrical Enclosure Switch Board Boxes For Modular Type Accessories	Rejish Tiru	Boniyar 193122	50
		Adhesive Tape Spindles-is 13262	Rejish Tiru	Boniyar 193122	300
		Crimping Tools	Rejish Tiru	Boniyar 193122	4
		Telephone Junction Box	Rejish Tiru	Boniyar 193122	3
		Keyboard And Mouse Combo	Rejish Tiru	Boniyar 193122	30
		Dvd Writer	Rejish Tiru	Boniyar 193122	10
		Network Interface Card	Rejish Tiru	Boniyar 193122	80
		Connector Mounting Hardware-multi Plug	Rejish Tiru	Boniyar 193122	500
		Telephone Line Cord	Rejish Tiru	Boniyar 193122	100
MISCELLANEOUS-2	180350	Small Form-factor Pluggable Transceiver	Rejish Tiru	Boniyar 193122	16
		Crimping Tools	Rejish Tiru	Boniyar 193122	4
		Layer 2 Access Switch	Rejish Tiru	Boniyar 193122	15

Modular Electrical Enclosure Switch Board
Boxes For Modular Type Accessories

Rejish Tiru

Boniyar
193122

30

CAT 6 Cable For Indoor Use (1830 meter)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

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/Unshileded twisted pair or Category 6 Shielded /Foiled Twisted Pair	CAT6 U/UTP
	Cable colour	White, Blue, Red, Yellow, Green, Grey, Violet
	Conductor diameter	0.51 mm (24 AWG)
	Length of cable in a bundle (Mtrs)	305 mtrs.
CONSTRUCTIONAL	Cable jacket material	Low Smoke zero halogen (LSZH), Fire retardant PVC, LSZH with fire retardant
CERTIFICATIONS	UL Marking on Cable	Yes, No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	1830	45

CAT 6 Cable For Indoor Use (1830 meter)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
---------------	--------------------	----------------------------------

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Cable category: Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshileded twisted pair or Category 6 Shielded /Foiled Twisted Pair	CAT6 S/FTP
	Cable colour	Grey
	Conductor diameter	0.57 mm (23 AWG)
	Length of cable in a bundle (Mtrs)	305 mtrs.
CONSTRUCTIONAL	Cable jacket material	Fire retardant PVC
CERTIFICATIONS	UL Marking on Cable	No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	1830	45

Telephone Instrument Single Push Button (80 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connecting Cord Length with each instrument (mtrs)	3.0
	Hands free two way speaker phone	Yes
DIALLING/RINGING FEATURES	Mute	Yes
	No of Ring volume setting	3
	Caller ID	Yes
DISPLAY DETAILS	Display	With
	No.of digits in display	16

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	80	45

Modular Electrical Enclosure Switch Board Boxes For Modular Type Accessories (50 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

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	With 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)
	Minimum size of the box (L mm x W mm x W mm)	75 mm x 75 mm x 50 mm
	Matching Cover Plate	With
	Matching Frame Plate	With

Additional Specification Parameters - Modular Electrical Enclosure Switch Board Boxes For Modular Type Accessories (50 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Rosette Box	ADSL Splitter

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	50	45

Adhesive Tape Spindles-IS 13262 (300 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Test Report Details	Availability of Test Reports from Central Govt./State Govt/NABL/IL AC accredited Lab covering all the Declared Parameters as per IS Specification	No
Certification	ISI Marked	Yes
Material	Base Material	Polypropylene
Color	Colour	Red
Physical Characteristics	Inner Diameter (ID) of Core (mm)	25
	Width (mm)	12.7
	Length (Metres)	10
	No.of pieces per box (Nos.)	30

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	300	45

Cable Network Tester (4 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Generic	Cable Type	RJ45
	Display	Digital
	Battery Type	mAh
Performance Parameters	Frequency	75.0
Warranty/Service	Complete Unit Warranty	1, 2 Or higher

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	4	45

Crimping Tools (4 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Features	Maximum crimping capacity in Sqmm	6
	Minimum crimping capacity in Sqmm	0.5
Accessories	Crimping die's provided (mm)	10
	Packing	Plastic casing
	Sealing O Ring Provided	Not Provided

Additional Specification Parameters - Crimping Tools (4 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Punching tool	For Telephone

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	4	45

Telephone Junction Box (3 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Technical Parameter	Material	Mild steel
	Number of Lines	16
	Capacity,Pair	20
Generic	Warranty, (0 if NA)	36.0

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	3	45

Portable Hard Disk (5 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
---------------	--------------------	----------------------------------

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type	External Portable
	Connectivity	Wired
	Digital Storage Capacity (TB)	2.01
	Speed (rpm)	10000
	Interface	Type A USB
	Water Resistant	Yes
	Shock Resistant	Yes
	On Site OEM Warranty (Years)	3

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	5	45

Hard Disk Drives (10 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Capacity of Drive (GB)	2
	Type of Drive	SAS, NL SAS
	Interface Type	SATA
	Warranty (Years)	2

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	10	45

Pen Drive Or Flash Drive (20 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Storage capacity (GB)	32.0
	Interface	USB 3.0
	Warranty (Year)	1.0

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	20	45

Random Access Memory (15 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	RAM Type	DDR2
	Internal Memory Capacity (GB)	2
	RAM Compatible with	Desktop/Server
	Warranty (Year)	1.0

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

Keyboard And Mouse Combo (30 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Keyboard Type	Standard keyboard
	Mouse Type	Optical Movement Detection Technology
	Keyboard Connectivity	Wired
	Mouse Connectivity	Wired
	Interface port for both Keyboard and Mouse	USB 2.0
	Warranty(Years)	1

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	30	45

Portable Hard Disk (2 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type	External Portable

Specification	Specification Name	Bid Requirement (Allowed Values)
	Connectivity	Wireless
	Digital Storage Capacity (TB)	4
	Speed (rpm)	7200
	Interface	NA
	Water Resistant	Yes
	Shock Resistant	Yes
	On Site OEM Warranty (Years)	2

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	2	45

Network Interface Card (80 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type	Wireless
	If wireless, Number of Antennas	1
	Application Field	Workstation/Desktop
	Warranty (Year)	3

Additional Specification Parameters - Network Interface Card (80 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Wifi Adaptor	USB wifi Adaptor
Wifi Adaptor	USB wifi Adaptor

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	80	45

DVD Writer (10 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of DVD writer	External
	Interface	USB 2.0
	Compatible disc type	CD
	Warranty (Year)	3

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	10	45

Connector Mounting Hardware-multi Plug (500 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Input pin Rating (AMP)	6 A
CONSTRUCTIONAL	Power on indication	No

Additional Specification Parameters - Connector Mounting Hardware-multi Plug (500 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
RJ-45 CAT-6 LAN CONNECTORS	300 Nos
RJ-11 CONNECTOR	200 Nos

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	500	45

CAT 6 Information Outlet (30 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Type of information outlet	U/UTP (Unshielded)
	No. of ports (RJ 45)	One port
	Dust protection for Face Plate or Information Outlet	Yes
	Back Box (3x3 inches)	Yes
	Termination type	Tool-less

Additional Specification Parameters - CAT 6 Information Outlet (30 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Rosette Box	CAT 6 RJ45 Rosette Box

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	30	45

Fibre Patch Panel (LIU) (10 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Dimensions	Height	44.0
	Width	210.0
	Depth	151.1
Design & Specification	Liu Type	Wall Mounted
	Height Of Patch Panel	1U
	No\umber Of Ports	12
	Adapter	SC
	Material Of Patch Panel	Cold Rolled Steel
Certifications & Approvals	Approvals	Rohs Compliant

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	10	45

Telephone Line Cord (100 meter)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specifications	Telephone Connection Type	RJ11

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	100	45

Telephone Junction Box (6 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Technical Parameter	Material	Mild steel
	Number of Lines	32
	Capacity,Pair	50
Generic	Warranty, (0 if NA)	36.0

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	6	45

Low Voltage Surge Protective Devices (Surge Protector Panel)-IS:8794, IS:12987 (400 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	No. of Phase	1 Phase
	No. of ports	One-port SPD
	SPD Design	Voltage limiting
	Classification	Class I
	Installation Location	Indoor
	Degree of protection for enclosures (According to IP code of IEC 60529)	IP 20
	Temperature and humidity range	Normal, Extended
	Preferred values of impulse discharge current Iimp for class I (in kA)	2
	Preferred values of nominal discharge current for class II tests In (in kA)	0.05, 0.1, 0.25, 0.5, 1, 1.5, 2, 2.5, 3, 5, 10, 15, NA
	Preferred values of open-circuit voltage for class III tests Uoc (in kV)	0.1, 0.2, 0.5, 1, 2, 3, 4, 5, 6, 10, 20, NA
	Preferred values of voltage protection level Up (in kV)	0.08, 0.09, 0.10, 0.12, 0.15, 0.22, 0.33, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.2, 1.5, 1.8, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10
	Preferred values of r.m.s. maximum continuous operating voltage Uc (in Volts)	75
	Low Voltage Surge Protection Device shall have Status indicators (The manufacturer shall provide information about the function of the indicator and the actions to be taken after change of status indication)	Yes, No
	Terminal type	Screwless terminal
	Warranty for Surge Protection Device - (in years) - Minimum	2
	Installation and commissioning	Yes, No

Specification	Specification Name	Bid Requirement (Allowed Values)
CERTIFICATIONS	CE certification	Yes, No
	"Availability of Additional tests as applicable as per IS 16463 (Part 11) : 2016 or IEC 61643-11 : 2011 and test report from Central Govt./ NABL/ ILAC accredited lab conforming to the specification"	Yes, No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	400	45

Crimping Tools (4 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Features	Maximum crimping capacity in Sqmm	10
	Minimum crimping capacity in Sqmm	1
Accessories	Crimping die's provided (mm)	4, 6, 10, 16, 25, 35, 50, NA for Non changeble die, 70, 95, 120, 150, 185, 240, 300, 400
	Packing	Plastic casing
	Sealing O Ring Provided	Not Provided, One set, Two set

Additional Specification Parameters - Crimping Tools (4 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Crimping tool	FOR RJ-45 & RJ-11 CONNECTOR

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	4	45

Fiber Optic Patch Cord (15 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connector type, Connector End A	FC
	Connector type, Connector End B	FC
	Cable type	Duplex
	Fiber type	Single Mode 9/125 micron
	Cable Size, Outer dia (in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cord Length (in m)	5
	Jacket material (Sheath material)	LSZH, PVC
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3, 0.35
	Connector Return loss , Min. (in dB)	50, 55, 65
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

Fiber Optic Patch Cord (15 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connector type, Connector End A	LC
	Connector type, Connector End B	FC
	Cable type	Duplex
	Fiber type	Single Mode 9/125 micron
	Cable Size, Outer dia (in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cord Length (in m)	5
	Jacket material (Sheath material)	LSZH, PVC
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3, 0.35
	Connector Return loss , Min. (in dB)	50, 55, 65
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

Fiber Optic Patch Cord (20 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connector type, Connector End A	SC
	Connector type, Connector End B	SC
	Cable type	Duplex
	Fiber type	Single Mode 9/125 micron
	Cable Size, Outer dia (in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cord Length (in m)	5
	Jacket material (Sheath material)	LSZH, PVC
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3, 0.35
	Connector Return loss , Min. (in dB)	50, 55, 65
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	20	45

Fiber Optic Patch Cord (20 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connector type, Connector End A	SC
	Connector type, Connector End B	FC
	Cable type	Duplex
	Fiber type	Single Mode 9/125 micron
	Cable Size, Outer dia (in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cord Length (in m)	5
	Jacket material (Sheath material)	LSZH, PVC
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3, 0.35
	Connector Return loss , Min. (in dB)	50, 55, 65
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	20	45

Fiber Optic Patch Cord (15 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connector type, Connector End A	LC
	Connector type, Connector End B	LC
	Cable type	Duplex
	Fiber type	Single Mode 9/125 micron
	Cable Size, Outer dia (in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cord Length (in m)	5
	Jacket material (Sheath material)	LSZH, PVC
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3, 0.35
	Connector Return loss , Min. (in dB)	50, 55, 65
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

Fiber Optic Patch Cord (15 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Connector type, Connector End A	SC
	Connector type, Connector End B	LC
	Cable type	Duplex
	Fiber type	Single Mode 9/125 micron
	Cable Size, Outer dia (in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cord Length (in m)	5
	Jacket material (Sheath material)	LSZH, PVC
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +60 deg C
CONSTRUCTION	Connector Insertion loss, Max. (in dB)	0.3, 0.35
	Connector Return loss , Min. (in dB)	50, 55, 65
	Material of Ferrule	Zirconia Ceramic, PreRadiused and pre polished
	Durability	200 Mating cycle, 500 Mating cycle, 1000 Mating cycle

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

Random Access Memory (20 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	RAM Type	DDR3
	Internal Memory Capacity (GB)	2
	Warranty (Year)	1, 2, 3, 4, 5

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	20	45

Random Access Memory (20 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	RAM Type	DDR4
	Internal Memory Capacity (GB)	4
	Memory Clock Speed (MHz)	2400
	Memory Form Factor	DIMM
	RAM Compatible with	Desktop/Server
	Warranty (Year)	1, 2, 3, 4, 5

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	20	45

Switch Mode Power Supply (SMPS) As Per IS:14886: (20 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	ISI Marked	No
	Line effect	+/-1% out put regulation for 180- 264 Vac input variation
	Maximum power Out put (In Watts)	200
	Output voltage	+5 V / 4-20A, +12 V / 2-8A, -5 V / 0-0.5A, -12 V / 0-0.5A
	Minimum Efficiency at nominal input and rated load (in %)	70
CONSTRUCTION	Load regulation for a variation of load from Min.to Max. load and vice versa for the out put	+/-3% (Under test and output at 50% load
	Periodic and random deviation (PARD)	+5V / 50 mV, +12V / 120 mV, -5V / 100 mV, -12V / 150 mV
	Dynamic load regulation (load change from Min. to Max. rated load),	+/-3%
	Effect of power interruption	No output drop out for 0.5 cycle (10 ms) input loss
	No.of power interruption and rate of interruption	100 times at the rate of 6 operation per minute
	Cross regulation (The output under test shall be loaded at 50% and the other loads shall be varied from minimum load to till load)	+/-5%
	Maximum In-rush current at rated input voltage (in A, Peak)	20
	Minimum Hold up time at rated load and minimum input voltage (in ms)	20
	Power good signal (optional) feature	No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	20	45

Motherboard For Desktop (5 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Motherboard	Chipset Series	Intel H Series, Intel B Series, Intel Z Series, Intel Q Series Or higher
	Chipset Make	Intel
	Chipset Number	Intel H270, Intel H370, Intel H470, Intel B250, Intel B360, Intel B365, Intel B460, Intel Z490, Intel Q250, Intel Q270, Intel Q370, Intel Q470 Or higher

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	5	45

Button Cell Or Coin Cell Battery (200 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Generic	Designation type	CR
	Battery Chemistry	Lithium ion (Li-ion)
Performance	Output Voltage	3, 3.6, 3.7 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Capacity, mAh	1, 1.5, 2, 2.5, 3, 3.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 9, 10, 10.5, 11, 12, 12.5, 14.5, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 34, 35, 36, 37, 38, 40, 42, 45, 46, 47, 48, 53, 55, 60, 65, 68, 70, 75, 80, 82, 85, 88, 90, 100, 105, 110, 125, 130, 137, 140, 150, 160, 165, 170, 175, 190, 200, 210, 220, 225, 235, 255, 260, 265, 285, 300, 310, 350, 500, 550, 600, 700, 800, 900, 1000, 1200, 1500, 2000 Or higher

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	200	45

HDMI Extender (15 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Technical specification	HDMI resolution	
	HDMI Compatibility	
	Supported audio formats	
Technical Specification	Data transfer rate, Gbps	1.65 - 18
	Network Cables Supported	CAT5, CAT5E, Cat.6, 6A, 7
	Maximum transmission distance, meter	?160

Additional Specification Parameters - HDMI Extender (15 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
HDMI Cable	20 Meters

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

VGA Cable (15 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Technical Properties	Length	2.0 - 20.0 Or higher
Warranty/Services	Warranty	6, 12, 18, 24, 36, 48 Or higher
Test Report/Certification	Certification	ISO, CE, UL, NA

Additional Specification Parameters - VGA Cable (15 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Cable Length	5 Meters

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

Layer 2 Access Switch (15 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of Switch	UnManaged
	Technology	Non PoE
	Number of 1G Copper Ports	8
	Number of 10G Copper Ports	Any applicable numeric value
	No. of 1 G SFP Port (Uplink)	0
	No. of 10 G SFP+ Port (Uplink)	Any applicable numeric value
	Multi-Gigabit Support	Yes, No
	Redundant Power supply (from day one)	Available, Not available, Supported & Part of Supply, Supported, Max. output power single port: 30W
	on Site OEM Warranty	1, 3, 5

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	15	45

Fiber Optic Patch Panels, Rack Mountable (12 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

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, ST, FC, LC
	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	Rejish Tiru	193122,Boniyar	12	45

Fiber Optic Patch Panels, Rack Mountable (12 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

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, ST, FC, LC
	Fiber Optic Panels Compatible for	Single Mode, Simplex, Multi Mode , Simplex, Single Mode, Duplex, Multi Mode , Duplex
	No. of ports (in Nos.)	12

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	12	45

Cat 6 Patch Panel Rev 1 (6 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Constructional	Material of patch panel	Cold Rolled Steel
	Modular plug fitting (RJ 45)	Individual ports for loaded, Individual ports for unloaded, Non individual ports
	Dust protection for information outlet	Yes, No
Generic	Patch panel suitability for (Category 6 Unshielded/Unshielded twisted pair or Category 6 Foiled/Unshileded twisted pair)	CAT 6 U/UTP
	Height of patch panel	1U
	No. of ports (RJ 45)	24 Ports Loaded
	Cable Management (Rear side)	With

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	6	45

Splice Closure For Optical Fiber Cables (20 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Product description	Spice Closure for Optical Fiber Cables suitable for Non-Ribbon splicing used in Telecom Network
	Conformity of the specification	as per TEC/GR/TX/OJC-002/03/APR-2010
	Installation, Testing and Demonstration	Yes, No
CONSTRUCTION	Suitable to use it for	Armoured and Metal free type OFC

Specification	Specification Name	Bid Requirement (Allowed Values)
	The Splice closure shall be equipped and supplied with accessories for the installation of	All type of cables having outer dia from 8 mm to 18 mm
	The splice closure suitable for splicing of OFC with	Single mode fibres, as per ITU Rec.G.652, G.655, and G.656OCable
DIMENSION	Sealing arrangement for cable entry	With screws, With Nut and Bolts

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	20	41

Pliers,Pincers And Nippers-IS 2615, IS 11526 (5 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Standards	BIS Licence available	Yes, No
Performance parameters	Type of Hand Tool	Wire stripping Plier (IS 5087), Wire Stripping Plier as per IS 5087
	Type of Insulation	Rubber Insulation, Plastic Insulation
	Shape of Handles	Straight handle, Bowed handle, Flared handle
	Type of Joint	Lay-on joint, Single Joint, Box Joint, Slip Joint, Parallel Action Joint, Toggle Joint, Single joint with reverse action
	Type of Gripping Surface	Plain, Serrated, Serrated with Pipe Grip, Transverse Groove, Longitudinal Groove, Rectangular, Trapezoidal, Duckbill, Pointed, Transverse Serration, Inclined Serration, Cross Serration
	Type of Cutter	End Cutter, Angled Cutter, Diagonal Cutter, Middle Cutter, NA

Specification	Specification Name	Bid Requirement (Allowed Values)
	Tool Finish	Natural finish,, Chemically produced oxide finish,, Chemically produced phosphate coating,, Lacquered,, "Electrodeposited metallic coating like nickelchromium electroplating, or", Polished.
	Handle Finish	Smooth finished, Black oxide finished, Phosphate coated,, Lacquered,, Electroplated,, Plastic coated or with plastic sleeves,, Knurled.
	Electrical insulation	Yes, No
Material parameters	Material	Carbon Steel, Alloy Steel
Dimensional parameters	Length of Hand Tool in mm	165, 185, 210, 200, 255, 300, 170, 215, 280, 180, 195, 275, 160, 225, 250, 310, 125, 175, 230, 154, 235, 300, 500
	Weight of hand tools in Grams	185, 240, 325, 170, 220, 285, 190, 310, 540, 620, 135, 130, 145, 180, 315, 275, 165, 280, 350, 360, 400, 530, 490, 375, 800, 62

Additional Specification Parameters - Pliers,Pincers And Nippers-IS 2615, IS 11526 (5 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Cutter	OFC Cutter

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	5	45

Small Form-factor Pluggable Transceiver (16 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	Type of Transceiver	SFP+
	SFP Mode	Single

Specification	Specification Name	Bid Requirement (Allowed Values)
	Compatability with OEMs Products	all
	Wavelength(nm)	1310
	Fibre Cable Type	singlemode
	Core Size (Micron)	9
	Maximum Data Rate	1000
	Modal Bandwidth (MHz/Km)	10
	Max.Cable Distance	20
	Optical Component (nm)	1310
	Digital Optical Monitoring (DOM) Support	Yes
	Interface	lc
	Tx Power (dBm)	-3
	Receiver Sensitivity (dBm)	-13
	On Site OEM Warranty (Year)	3

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	16	45

Cables Suitable For CCTV System (Accessories) (1500 meter)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Cables suitable for CCTV System (Accessories)	Cable Classification	RG-6
	Armoured	No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	1500	45

Cables Suitable For CCTV System (Accessories) (1500 meter)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Cables suitable for CCTV System (Accessories)	Cable Classification	RG-11
	Armoured	No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	1500	45

Cables Suitable For CCTV System (Accessories) (1500 meter)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Registered Brand
------------	------------------

Technical Specifications[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Cables suitable for CCTV System (Accessories)	Cable Classification	RG-59
	Armoured	No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	1500	45

Modular Electrical Enclosure Switch Board Boxes For Modular Type Accessories (30 pieces)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Unbranded
------------	-----------

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	With 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)
	Minimum size of the box (L mm x W mm x W mm)	75 mm x 75 mm x 50 mm
	Matching Cover Plate	With
	Matching Frame Plate	Without

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	30	47

Telecommunication Cable - Fully Filled (Petroleum Jelly Or Absorbent Thixotropic Gel) (2000 meter)**(Minimum 50% Local content required for MII compliance)**

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Filling compound type	Petroleum Jelly
	Cable construction	Armoured
	Conductor diameter (mm)	0.50
	Number of pair (Number)	5
	Length of cable in a bundle (Mtrs)	500

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	2000	45

Telecommunication Cable (3000 meter)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Conductor diameter Nominal (Range) (mm)	0.5
	Number of pair (Number)	2
	Length of cable in a bundle (Mtrs)	500

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	3000	45

Pigtails For Fiber Cable Connection (60 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Fiber type	Single Mode OS1, Single Mode OS2
	Cable Size (dia, in mm)	0.9, 1.2, 1.6, 1.8, 2, 2.8, 2.9, 3
	Cable Length (in m)	1
	Jacket thickness (in mm)	0.45, 0.9, 1.6, 2, 3
	Cable color	Yellow, Orange, Aqua, Blue, Green, Brown, Red, White, Black
	Operating temprature	-10 deg.C to +60 deg C, -20 deg.C to +70 deg C, -40 deg.C to +75 deg C, -40 deg.C to +80 deg C
OPTICAL SPECIFICATIONS	Connector Insertion loss, Max. (in dB)	0.2, 0.25, 0.3, 0.35, 0.5, 0.7, 0.75
	Connector Return loss , Min. (in dB)	20, 25, 30, 35, 45, 50, 55, 60, 65
MECHANICAL	Bend radius, Min., (in mm)	30, 25
	Retention strength (in N)	20, 100
	Material of Ferrule	Ceramic, Polyphenylene sulphide (PS)
	Repeatability	</-0.2 dB
	Durability	500 Matings, 1000 Matings
	Cable type	Simplex

Additional Specification Parameters - Pigtails For Fiber Cable Connection (60 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
SINGLE MODE FC PIGTAIL CONNECTOR	20 Nos

Specification Parameter Name	Bid Requirement (Allowed Values)
SINGLE MODE LC PIGTAIL CONNECTOR	20 nos
SINGLE MODE SC PIGTAIL CONNECTOR	20 Nos

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	60	45

Connector Mounting Hardware-multi Plug (110 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
------------	-----------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GENERIC	Input pin Rating (AMP)	16 A
CONSTRUCTIONAL	Power on indication	No

Additional Specification Parameters - Connector Mounting Hardware-multi Plug (110 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
SC-SC OFC ADAPTER/CONNECTOR	20 nos
FC-FC OFC ADAPTER/CONNECTOR	20 nos
LC-SC OFC ADAPTER/CONNECTOR	30 nos
FC-SC OFC ADAPTER/CONNECTOR	40 nos

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Rejish Tiru	193122,Boniyar	110	45

Buyer Added Bid Specific Additional Terms and Conditions

- Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
- Bidder shall submit the following documents along with their bid for Vendor Code Creation:
 - Copy of PAN Card.
 - Copy of GSTIN.
 - Copy of Cancelled Cheque.
 - Copy of EFT Mandate duly certified by Bank.
- Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. [Click here to view the file](#)
- The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
 - The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
 - The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
- Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[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---