

Bid Document

Bid Details	
Bid End Date/Time	22-07-2020 09:00:00
Bid Opening Date/Time	22-07-2020 09:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Office Of Principal Chief Materials Manager, South Western Railway, Hubli
Total Quantity	2
Item Category	Home WI-FI Enabled ONT
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC) *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
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Home WI-FI Enabled ONT (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
STANDARD & FEATURES	Standard	Fully ITU-T G.984 compliant	*
	Upstream Line Rate (Gbps)	1.244	1.244 Or higher
	Downstream Line Rate (Gbps)	2.488	2.488 Or higher
	Minimum Tx Output power (launch powe) (dBm)r	0.5	0.5 Or lower
	Maximum Tx Output power (launch powe) (dBm)r	5	5 Or higher
	WBF	Yes	*
	Rx Sensitivity (dBm)	-27	-27
	Rx Overload (dBm)	-8	*
	Ethernet Type	10/100/1000 Base-T interface	*
	Number of Ethernet Ports (Minimum)	4	1, 2, 3, 4 Or higher
	Ethernet Connector	RJ-45 Connector	*
	Voice/Fax Type	POTS FXS	*
	Number of POTS (Minimum)	1	0, 1, 2 Or higher
	WiFi Standard	802.11 b/g/n/ac with 4x4 MiMo (2.4GHz & 5GHz dual band)	*
	Connector	RJ-11 connector	*
	AC Adapter	12V (feed via external AC/DC Adapter)	*
	Temperature	0 °C to 50 °C	*
	Humidity (RH)	5% to 95%	*
L2 FEATURES	Bridging	802.1d bridging	*
	VLAN	VLAN Tagging/untagging per Ethernet Port VLAN Stacking(Q-in-Q) and VLAN Translation	*

	Multicast	IGMPv2/v3 & snooping, and IGMP snooping with Proxy report	*
GATEWAY FEATURES	WAN	Multiple WAN interfaces support, PPPoE client, IPoE with DHCP client or static IP, NAT/NAPT, Port Forwarding	*
	LAN	DHCP server, DNS relay, DDNS	*
	Routing	static IP routing	*
	Multicast as Gateway feature	IGMP Proxy	*
	Others	NTP, Universal Plug and Play (uPnP)	*
IPv6 SUPPORT	Features	Stateless Address Auto configuration (SLAAC) DHCPv6, PPPoEv6, DNSv6	*
FIREWALL	VPN	PPTP, L2TP, IPSec, VPN pass-through	*
	Access Control	ACL, DMZ,	*
VoIP	Protocols	SIP (RFC3261), , RTP (RFC3550/3551), DTMF & Tones (RFC283)	*
OTHERS	Warranty	3	1, 2, 3 Or higher

* 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	Bhalekar Yogesh Bhimsen	560036,O/o Office of Senior Divisional Mechanical Engineer, Diesel Shed, South Western Railway, Krishnarajapuram, Bangalore-560036	2	30

Special terms and conditions for category Home WI-FI Enabled ONT

1. Supplier must supply those ONT's which are inter-operatable with existing OLT Aliphion

- make and C-DOT Make which are deployed in BSNL network .
2. ONT shall be as per TEC GR no GR/PON-01/02 APRIL 2008 and latest amendments . In case of any conflict in interpretation of this GR , specifications of this tender supersedes GR.

Bid Specific Additional Terms and Conditions

1. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
2. 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.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. 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 10 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.

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

---Thank You---