

Bid Document

Bid Details	
Bid End Date/Time	22-07-2020 16:00:00
Bid Opening Date/Time	2020-07-22 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Andhra Pradesh
Department Name	Energy Department Andhra Pradesh
Organisation Name	Transmission Corporation Of Andhra Pradesh Limited (aptransco)
Office Name	Vidyut Soudha Vijayawada
Total Quantity	120
Item Category	Enterprise WI-FI Enabled ONT (PAC Only)
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	9 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual 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
Past Performance	20 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

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Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Enterprise WI-FI Enabled ONT (120 pieces) (Under PAC)

Make	d-link
Model	dlinkn300dslrouter

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
STANDARDS & FEATURES	Standard	Fully ITU-T G.984 and G.988 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 (Mean Launch Power) (dBm)	0.5	0.5 Or lower
	Maximum Tx Output power (Mean Launch Power) (dBm)	5	*
	Rx Sensitivity (at 10 dB extinction ratio w/FEC off) (dBm)	-27	-27
	Rx Overload (dBm)	-8	*
	Ethernet Type	GE	*
	Number of GE Ports (Minimum)	4	4, 5, 6, 7, 8 Or higher
	Ethernet Connector	RJ-45 connectors CAT5E, 100m (328ft); labeled 'GE1', 'GE2', 'GE3' and 'GE4'	*
	Voice/Fax Type	POTS FXS	*
	Number of POTS(Minimum)	1	1, 2 Or higher
	Connector	RJ-11 connectors; Labeled 'POTS1' and 'POTS2'	*
	WiFi Standard	802.11 b/g/n (2.4GHz Only)	*
	USB Standard	Two stacked USB 2.0 or higher host ports	*
	AC Adapter	Input:100-240VAC, 50/60Hz Output: 12VDC, 1.5A	*
	Operating Temperature	0 °C to 50 °C	*
	Humidity Non Condensing (RH)	5% to 95%	*
SECURE MANAGEMENT	Local	Web based GUI (HTTPS)	*
	Remote	G.984.4/988 OMCI, G.984 PLOAM, Telnet, TR-069	*
	Authorization	Secure ONT registration - ONT serial number, PLOAM password	*
L2 FEATURES	Bridging	802.1d STP transparent bridging, 512 MAC table, MAC aging timer, UNI port MAC limit, MAC Filters	*
	VLANs per port	up to 32 configurable	*

		VLAN IDs per ONT/port	
	Multicast	IGMPv2/v3 & MLDv2 snooping, 256 multicast groups, 8 clients, 32 simultaneous flows/client	*
	Firewall Filtering	DoS attack prevention, IP source/destination, TCP/UDP port source/destination, MAC source	*
	Access Control	DMZ, Parental Controls	*
VoIP	Protocols	SIP (RFC3261), SDP (RFC2327), RTP/RTCP (RFC3550/3605), RFC3611**, RFC2198**, DTMF & Tones (RFC283)	*
OTHERS	Warranty	1	1, 3, 5 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	Lavanya Evani	520004,APTRANSCO, Vidyut Soudha, Gunadala, Vijayawada.	120	30

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

1. Supplier must supply those ONT's which are inter-operatable with existing OLT Alphon 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. **Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance: Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause

has been selected in ATC): yes

Post Receipt Inspection at consignee site before acceptance of stores: yes

3. Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.
4. Scope of supply (Bid price to include all cost components) : Only supply of Goods
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated 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 OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
6. Bidder Turn Over Criteria: 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 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.
7. 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.
8. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
9. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
10. 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 7 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---