

Appointment of Project Implementation Agency (PIA) for BharatNet Phase-II works to establish IPMPLS network infrastructure in the state of Andhra Pradesh

Corrigendum 8, Dt: 18.04.2018

Bidders may please note that this corrigendum document is part of this RFP. The items listed in the corrigendum will supersede the corresponding clauses in RFP/ Previous corrigenda

S.No	Section	Clause in Tender or Corrigendum	Brief Description of Clause	Reference Page No in Tender/ Corrigendum	Revised Clause
1	Instructions to bidder	2.3.4	Commercial Evaluation	18	<p>Evaluation of bids shall be done by APSFL on Least Cost/Lowest Cost (L1) criteria as detailed. The bidder shall provide the actual cost of the O&M in the price bid. The bidder must qualify the eligibility criteria for further evaluation for being eligible for opening of commercial bid. The bids which gets qualified in the technical evaluation process will be eligible for the commercial evaluation and will be processed further. The bids quoted as per the commercial bid format shall be considered for financial evaluation.</p> <p>Further Commercial Evaluation by the purchaser shall be done on Net Present Value (NPV) discounting at the rate of 10% of O&M shall be calculated on a yearly basis for all the GPs.</p> <p>Formula for calculating PV is as follows:</p> $X_2 = PV = \sum_{N=1}^7 Q_N \frac{1}{(1+i)^N}$

					<p>Where,</p> <p>Q_N is the Price quoted by the bidder for the N^{th} year,</p> <p>i is the rate at which the quote is discounted. (As per the Template RFP, discounted rate to be considered at 10%)</p> <p>The Bidder who shall have the least/lowest value of "Z" i.e. "$Z=X1+X2$", where $X1$ is Total Capex Cost and $X2= NPV$, after calculating NPV value for O&M in Table of Commercial Bid given in Section Bid Submission Formats shall be declared as "L1" and shall be awarded the project. BBNL's decision shall be final and binding.</p> <p>Bidders quoting unrealistic cost of items shall be rejected straightaway by the committee and EMD of such bidder shall be forfeited. Any bid found to have unsatisfactory response in any of the eligibility criteria as mentioned may be rejected and shall not be considered for further evaluation.</p>
2	Corrigendum 5 Annexure I, II	Network Operation Centre (DC & DR)	Video Wall	Page 17 Section 11.6	The Bezel Size should be less than or equal to 1.8mm
3	Corrigendum 5 Annexure I, II	Firewall:	Should have 2 USB 2.0 ports.	Page 36 Section 11.1.15	Should have at least 1 USB 2.0 ports
4	Corrigendum 5 Annexure I, II	Firewall:	VPN Features: Should support Perfect forward secrecy using Diffie - Hellman (DH) groups 1,2,5 and 7	Page 36 Section 11.1.15	Should support Perfect forward secrecy using Diffie - Hellman (DH) groups 14, 19, 21
5	Corrigendum 5 Annexure I, II	Firewall:	Request to remove the linux desktops from the point as it is specific to one OEM. All firewall vendors support VPN	Page 36 Section 11.1.15	Advanced Endpoint Assessment should be able to initiate re mediation of various aspects of antivirus, antispysware and personal firewall protection

			client for Linux, but endpoint assessment and re mediation is not supported by most vendors except one vendor.		
6	Corrigendum 5 Annexure I, II	Gram Panchayat Network Racks		Section 11.7.1 Sr No 5	UPS revised Specifications as per Annexure I
7	Corrigendum 6		Proposed router should support QoS mechanism for end-to-end bandwidth and at least 4 level HQOS	Section 11.2	Proposed router should support QoS mechanism for end-to-end bandwidth and at least 3 level HQOS
8	Corrigendum 5 Annexure I, II		Proposed router should support Eight No of hardware queues that are required for per port for flow treatment of traffic, Policy Based QOS, WRED, WFQ, 4 Level HQOS	Section 11.2 Sr No 24	Proposed router should support Eight No of hardware queues that are required for per port for flow treatment of traffic, Policy Based QOS, WRED, WFQ, 3 Level HQOS
9	New Clause		CERTIFICATE – MALICIOUS CODE		Bidders to provide OEM undertaking from all Software & Hardware vendors as per format in Annexure II

Annexure I

5	Rack Power Supply and PDU for GP Network Racks
5.1	UPS shall work with AC input voltage from 160V to 270V 50Hz Single Phase with surge protection
5.2	UPS output should be regulated at 230V \pm 2%, 50Hz with True Sinusoidal Waveform when Running on the battery, UPS output should be 230V \pm 10%, Running on main supply with Surge Protection
5.3	UPS should have capacity of 1KVA and shall provide backup of at least 2 hours with all equipped network devices full load
5.4	Sealed Lead-Acid Batteries (Telecom grade) Brands like Amaron Quanta / Global / Exide
5.6	2 sockets of Indian standards ISI branded 3pin 5 Amps rating for Network devices
5.7	Operating Temperature: 0 to 50°C
5.8	UPS efficiency should not less than 85%
5.9	Full Battery Charging time: 8 to 10 hours
5.10	MCBs: 1 qty for Input, 2 qty for Output

Annexure II

CERTIFICATE – MALICIOUS CODE

(To be rendered on the Company Letter head)

1. This is to certify that the Hardware and the Software being offered, as part of the Contract, does not contain embedded malicious code that would activate procedures to:-

- (a) Inhibit the desired and designed function of the equipment.
- (b) Cause physical damage to the user or equipment during the exploitation.
- (c) Tap information resident or transient in the equipment/networks.

2. The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Rights (IPRs) are caused due to activation of any such malicious code in embedded software.

(Signed)

Date:

Designation / Name / Address of firm

Place