

Clarification For Appointment of Project Implementation Agency (PIA) for BharatNet Phase-II works to establish IPMPLS network infrastructure in the state of Andhra Pradesh
Dated 18/04/2018

Sno	Section	Clause	Brief Description of the Clause	Ref Page No in Tender	Query/ Comments of Bidder	Clarifications
1	11.2 on page 2 of Corrigendum 6	11.2	Proposed router should support QoS mechanism for end-to-end bandwidth and at least 4 level HQOS	2	Proposed router should support QoS mechanism for end-to-end bandwidth and at least 3 level HQOS	Please refer corrigendum
2			General		No Cover Letter format has been provided in the Tender Document (including all clarifications and corrigenda). Kindly facilitate	The Cover letter shall be submitted in bidders format.
3					2.The NPV calculation provided is not clear. This is also not in line with other BBNL tenders which rely on NPV calculation. The usual NPV calculation provided across various BBNL tenders is : $X2 = NPV = k \cdot 0nR \cdot \frac{1}{(1+i)^n}$ Where, R' is the Net cash inflow expected to be received in each year of the Project Operation and Maintenance Period 'i' is the rate of discounting 'n' is the year in which the cash inflow is	Please refer corrigendum
4					Is APSFL going to calculate the NPV or the bidder supposed to enter the NPV (X2 in the provided format). The formula for NPV as per your RFP says X2 is the NPV which is not in line of your price bid format wherein it is stipulated that X2 is the summation of operational costs of seven years of O&M. Please clarify on the contradiction	APSFL is going to calculate the Present Value , Bidder have to quote actuals for each of the 7 years in the provided format.
5		1. 11	11.1.15 Firewall: Should have 2 USB 2.0 ports		USB port is required to take a direct backup of the firewall to the USB drive. Not all firewall models will have 2 no of USB Ports, so request to change to atleast 1 USB port.	Please refer corrigendum

6		2.6	VPN Features: Should support Perfect forward secrecy using Diffie -Hellman (DH) groups 1,2,5 and 7		Please remove DH group 7. For encryption or authentication with 256 bit key or higher requirement, higher DH group is required, so request to add DH group 14, 19, 21 which is supported by all vendors	Please refer corrigendum
7		2.9	VPN Features: On Windows, Mac OS X, and Linux desktops, Advanced Endpoint Assessment should be able to initiate re mediation of various aspects of antivirus, antispyware and personal firewall protection if that software allows a separate application to initiate remediation		Request to remove the linux desktops from the point as it is specific to one OEM. All firewall vendors support VPN client for Linux, but endpoint assessment and re mediation is not supported by most vendors except one vendor.	Please refer corrigendum
8		2.3.2	Qualification Criteria for OEM - Commercial Eligibility OEM through its Indian Subsidiary must have 24X7 hotline & toll-Free help desk for service support in India with their own technical support centre with a minimum of 100 seats based in Andhra Pradesh (or) OEM has to give an undertaking to setup the same before the project go live.		Request to consider this change. 24x7 hotline and toll-Free help desk is available in Bangalore and other Global Locations. In case of unavailability of local support center, calls are routed to other regions so that Support center is available round the clock.	This is applicable to IPMPLS vendor only.
9	6	8	As the RTU would be on a rack and with controlled environment , the clause states 20W	102	hence suggest that this clause to be amended with power rating of 35W. -Typical power of a LCD/LED set is around 50W min and what we are specifying is far below the same. -In addition this would be specific to a vendor and to be generic in nature we suggest this to be amended to 35/50W."	No Change
10		6.3.1	network civil infra - 10,000 sft allocated for NOC DC & NOC DR. In clarifications - 2000 sft for Server room mentioned with 10 Server racks and 20KVA UPS (1+1) asked in the RFP		Do we have to consider the present load and give the PAC? Or do we have to consider any future expansion and design the PAC?	The Present load shall be considered while designing the NOC DC & NOC DR.
11			For NOC DC / NOC DR including all zones		For NOC DC / NOC DR including all zones, as per our assumptions - max of 6000 sft would suffice. Please clarify do we have to design Air-conditioning for other 8,000 sft also excluding PAC for server room?	Air conditioning should be designed for 8000sft excluding PAC for server room
12					What area should be covered for furniture & fixtures? PI provide furniture & fixtures specifications and schematic layout for the same.	Bidder has to design the NOC

13					For Gram panchayat smart racks - 600 va UPS with 2 hours backup is asked which is line interactive. 600va LI UPS will not suffice to the load of active components thus affecting the performance of the same. Hence, we suggest the UPS capacity should be 1KVA Online with 1 hour backup.	Please refer corrigendum
14	11.7.1	2.1	Mounting rails (for Standard 19" mounting) should be made up of steel. (minimum 2.0mm thickness) Recessing of these Front & Rear 19" mounting rails should be completely flexible within depth of the rack. These Multi-Fold mounting rails (Not Simple L Type) should also have an extra internal web for increasing rigidity and to facilitate mounting of the shelves and other required accessories conveniently. Floor standing server rack with heavy duty extruded aluminium frame for rigidity. Top and bottom cover with cable entry gland plates, heavy duty bottom and top frame of MS. Depth Support channels 3 pair with overall weight carrying capacity of 500kg.	17 in C5	"Multi fold mounting rail is not required here, only one router will be kept in the whole rack along with max. 1KVA UPS with batteries, i.e. not much weight to make frame rigidity. Also keeping Multifold mounting requirement may lead to scarcity of OEMs which will impact the commercials."	No Change
15	11.7.2	2.3	Rack shall be accomplished with usable 30U size network equipment and 4U Size UPS except Battery, which means rack size should not exceed 42U standard rack height. As per standard Industry practice ,Batteries shall be kept outside in separate stands with proper mounting arrangements becuase of weight and size consideration. Air Condition should not cover to Battery Banks. i.e. Total Nos. of Smart Racks required at Master Block shall be : 62 Nos. of 42U Height.	19 in C5	Normally, Battery bank does not need air conditioning and also as it is recommended to keep this separately from the rack which would reduce heat dissipation and the risk of fire.	Clause is clear
16	11.7.2	2.10	"Rack shall be accomplished with max. usable 10U size network equipment and 3U Size UPS except Battery, which means rack size should not exceed 24U standard rack height. As per standard Industry practice ,Batteries shall be kept outside in separate stands with proper mounting arrangements becuase of weight and size consideration. i.e. Total Nos. of Smart Racks required at Block shall be : 608 Nos. of 24U Height."	20 in C5	Normally, Battery bank does not need air conditioning and also as it is recommended to keep this separately from the rack which would reduce heat dissipation and the risk of fire.	Clause is clear