

CORRIGENDUM

This Corrigendum consists of those clauses which has been modified after the scrutiny of all the queries received from Bidders during the Prebid Conference. The queries which have not been responded are here in this ‘Corrigendum’ is to be considered as per respective clause in the RFP.

A. The following Addenda are to be read after the paragraphs, as mentioned below:

Part I , Sec I -2 after Para no. II , Pg - 19

CEO CHIPS, in order to safeguard the economic interests of the state which may be harmed by anti-competitive behaviour, particularly by the operation of cartels, reserves the right to reject any and all bids from entities, after he satisfies himself that such bidders are trying for ‘collusive bidding’, ‘bid suppression’ or ‘bid limiting’, ‘complementary bidding (or ‘protective’ or ‘shadow’ bidding)’, or are engaged in ‘bid rotation’. This may be applicable to entities using the same words, inputs and queries when explaining technical issues of CGSWAN or put up bids with the same major non compliance or are party to deliberate exploitation of a dominant market position by any firm.

Part I, Sec I – 10.11 Para no. II , Pt iii, Pg. - 27

Bidders also need to submit Pre-Qualification proposal documents and technical proposal documents in soft format in form of CD/DVD clearly hyper linking all the relevant scanned documents and highlighting relevant portion of the document for ease of evaluation. This is in addition to paper documents to be submitted by the bidders and needs to be handed over along with bids. All supporting documents in the paper format shall also be similarly indexed, flagged and highlighted at relevant places.

Part III,

Limitation of liability and penalty - Since the liability and penalties in case of any contract is limited to the extent of cost of the damages and existing law of the country as applicable in such cases and therefore no separate clarification may be required.

For Public Limited Co. following clauses to be considered deleted

- a. Clause- 3.1.1.vi (Page 21)- CHiPS shall have received copies (certified as true copies by a Director or Company Secretary of the Concessionaire) of all resolutions adopted by the Board of Directors of the Concessionaire authorizing the execution, delivery and performance by the Concessionaire of this Agreement.
- b. Clause 12.1.14 (Page 45)- None of the ‘Major Shareholders’ of the Company at the time of the Appointed Date shall dilute their shareholding for a period not less than 5 (five) years from the appointed Date .

B. Following are the Clauses after the scrutiny stand amended, as indicated below:

S. No	Clause	Original Clause	Amended clause
1	Volume 1, II-1.4 , Page 5 Check list of pre-Qualification Proposals	E) The bidder must have completed at least one single network involving converged services (Voice, Data) with minimum Of 10 nodes and worth 15 crores.	E) The bidder must have completed at least one single network involving converged services (Voice, Data) with minimum Of 20 nodes and worth 15 crores.
2	Volume I, II-3.I Contents	Manpower deployment for the purpose of O&M as specified in the technical Bid is the minimum requirement and anything above the specified one has to be provided for	Manpower deployment for the purpose of O&M as specified in the technical Bid is the minimum requirement which is mentioned in ANNEXURE II(b) and anything above the specified one, has to be provided for achieving required SLA.

		achieving required SLA.	
3	Volume I, Appendix XII-D, 2.8 , Page 66, Modems	Modems Specification for Leased Lines =34	Dropped
4	Volume II, Page 28 Mail Services	Mail Services	Should offer to connect minimum of 5000 Mail User with minimum of 500 users to be logged-in simultaneously.
.5	Volume II,1.5 Page 41 DMZ/Intern et Switch	General Features Layer3 - with following support (RIPv1, v2, OSPFv2/v3, VRRP, DHCP) , Support Port Mirroring , Support Port Trunking, Link Aggregation , IEEE 802.1Q VLAN encapsulation Minimum 255 VLAN , Support Port based network access control (802.1x), Support port security. Traffic shaping and policing , MAC Address security/MAC Address Notification support which allows for notification of new users added or removed.	General Features Layer3 - with following support (RIPv1, v2, OSPFv2/v3, VRRP or equivalent , DHCP), Support Port Mirroring , Support Port Trunking, Link Aggregation , IEEE 802.1Q VLAN encapsulation Minimum 255 VLAN , Support Port based network access control (802.1x), Support port security. Traffic shaping and policing, MAC Address security/MAC Address Notification support which allows for notification of new users added or removed.

6	Volume II, 1.11, Page:59,61 Multipoint Control Unit	<p>General:</p> <p>Should be flexible enough to start with small and simple video conferencing need but expandable to large and complex video conferencing. Should support both desktop software based Video endpoints and hardware based conference room endpoints. The software and hardware based video endpoints</p> <p>Should be from same OEM as that of MCU to avoid any kind of interoperability /compatibility issues. However, TV/LCD can be from different OEM.</p>	<p>General:</p> <p>Should be flexible enough to start with small and simple video conferencing need but expandable to large and complex video conferencing. Should support both desktop software based Video endpoints and hardware based conference room endpoints. The software and hardware based video endpoints</p> <p>MCU and End Point can be of Different OEM and they should be compatible.</p>
		<p>Gatekeeper:</p> <p>It should be provided along with MCU and end-points. It should also be from the same MCU manufacturer or certified partners, along with required hardware and software.</p>	<p>Gatekeeper:</p> <p>It should be provided along with MCU and end-points. MCU and End-Points should be compatible.</p>

8	Volume II Clause 1.7, page 45 IP Phone – Type I	Video Telephony support	Dropped
9	Volume II, Page 98 VSAT HUB- Satellite Transponder Capacity requirement	Note: For the purpose sizing & link budget.	Bidders should offer an efficient frequency allocation system and plan.
10	Volume II,2.1 Page 106 DHQ Router	Protocols PPP, Multi-link PPP, Ipv4,Ipv6 MPLS L2 & L3,VRRP	Protocols PPP, Multi-link PPP, Ipv4/Ipv6, MPLS, L2 & L3, VRRP or equivalent.
11	Volume II, 2.2, Page 108 DHQ LAN Switch	Interface /Slots: 1 x 24 ports 10/100/1000 BaseTX out of which two ports should support 1000 Mbps single mode fiber , 2 x 1000 Mbps ports base Single Mode.	Interface /Slots: 1 x 24 ports 10/100/1000 BaseTX out of which two ports should support 1000 Mbps single mode fiber.

		<p>General Features</p> <p>Layer3 - with following support (RIPv1, v2, OSPFv2/v3, VRRP, DHCP) , Support Port Mirroring , Support Port Trunking , Link Aggregation , IEEE 802.1Q VLAN encapsulation , Support Port based network access control (802.1x) , Support port security , Traffic shaping and policing , MAC Address security/MAC Address Notification support which allows for notification of new users added or removed</p>	<p>General Features</p> <p>Layer3 - with following support (RIPv1, v2, OSPFv2/v3, VRRP or equivalent, DHCP) , Support Port Mirroring , Support Port Trunking , Link Aggregation , IEEE 802.1Q VLAN encapsulation, Support Port based network access control (802.1x), Support port security, Traffic shaping and policing, MAC Address security/MAC Address Notification support which allows for notification of new users added or removed</p>
12	<p>Volume II, 2.6 Page 113, UPS 5 Kva</p>		<p>Output Power Factor 0.8 or better</p>
14	<p>Volume II, 3.6 Page 130 UPS 2 Kva</p>	<p>Input Power Factor 0.99</p>	<p>Input Power Factor 0.9 to 0.95</p>
15	<p>Volume II, Page:139, State Funded Equipment</p>	<p>Horizontal Connectivity All the offices and departments of GOC which need CGSWAN connectivity over a period of time will be</p>	<p>Horizontal Connectivity All the offices and departments of GOC which need CGSWAN connectivity over a period of time will be integrated as and when required. Respective offices will give a formal request to</p>

		<p>integrated as and when required. Respective offices will give a formal request to SWAN Successful bidder for the connectivity.</p> <p>A budgetary price estimate should be included in the Techno Commercial section of the bid and not in the Price Bid. It is to be noted that this is needed at a later date and will not be considered in the Commercial evaluation of this RFP. Also it is to be noted that the above solutions would no way bind the Purchaser contractually for future implementation</p>	<p>SWAN Successful bidder for the connectivity. Also it is to be noted that the solutions given by SWAN successful bidder would no way bind the Chips/State Govt. contractually for future implementation. Price for any such service will be negotiated at the time of such request.</p>
17	Volume-II Page-159	<p>Call Statistics</p> <p>Shall provide recent Calls List</p> <p>Shall provide Call Detail Record (CDR) along with call statistics</p>	<p>Call Statistics</p> <p>Shall provide recent Calls List</p> <p>Clause on CDR dropped</p>

18	<p>Volume II, Page 161 Base Station Requirements</p>	<p>Basic Criteria for the Wireless Connectivity Design</p> <p>Multiple device support: The wireless network should be able to support desktops, laptops, PDAs, and similar devices.</p> <p>BTS Architecture – Outdoor unit should have radio and baseband modem and indoor unit should provide power, backhaul interfacing and local switching. ODU / IDU connectivity should be supported by up to 100 meters of Cat 5 cable. Outdoor unit should weigh around 4~5 kgs.</p> <p>BTS antenna options: Both options, integrated 60 degree and external antenna should be supported.</p> <p>Multiple RF Channels – Channels of 6, 5, 3.5, 3, 2.75 and 1.75 MHz should be supported in 3.3/3.5 GHz range solution and channels of 20, 10 and 5 MHz should be available in 2.5 / 5.8 GHz solution.</p>	<p>Basic Criteria for the Wireless Connectivity Design</p> <p>Multiple device support: The wireless network should be able to support desktops, laptops and similar devices.</p> <p>BTS Architecture – Outdoor unit should have radio and baseband modem and indoor unit should provide power, backhaul interfacing and local switching. ODU/IDU connectivity should have necessary accessories and cables.</p> <p>BTS antenna options: Both options, 90 degree and external antenna should be supported.</p> <p>Multiple RF Channels – Channels of 6, 5, 3.5, 3, 2.75 and 1.75 MHz are required in 3.3/3.5 GHz range solution and channels of 20, 10 and 5 and 2.5 MHz are required in 5.8 GHz solution.</p>
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	Volume II, Page 164,166	Should support filtering based on MAC address, IP Address and Ethertype	Should support filtering based on MAC or IP Address
	Wireless Equipment	Quality of Service Requirement System shall support QoS for terminating 20 Voice Over IP circuits at base station radio.	Quality of Service Requirement System shall support QoS for terminating 20 voice circuits per base station radio.

C. For evaluation purpose as referred in II-1.2 Annual audited Turnover from System Integration and/or Facility Management services, an average of minimum Rs. 100 Crores , for the preceding last three financial years, shall be considered .The years mentioned in the clause stand deleted.

D. Attached ‘Appendixes’ shall replace respective ones.

E. Appendix XII E has been added for the price proposal format of site preparation.

F. All other terms & conditions remain the same.

Sd/-

CEO CHIPS Chhattisgarh