

GUWAHATI SMART CITY LTD.

(Formerly Guwahati Smart City Development Agency Ltd.)

(CIN U45309AS2016SGC017403)

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SPV/GSCL/DEV/55/2017/Pt-1/338

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ADDENDUM No.7

Tender Title:

“System Integrator Design Engineering Supply Installation Erection Testing and Commissioning including O & M for a period of five years for city surveillance and Integrated Command and Control Centre in Guwahati”

Tender No:

SPV/GSCL/DEV/55/2017/396

Tender ID:

2020_GSCT_17942_1

Tender Published Date:

12-06-2020

This addendum is being issued in reference to the changes in clauses of the RFP. The intending bidders are requested to take note of the following changes and accordingly shall have to submit the tender.

Statement showing the amendments to the existing clause in tender volumes is published online.

-Sd-
Managing Director
Guwahati Smart City Limited

SI No.	Vol NO.	Page No.	Para No. / S. No.	Instead Of	Now Read As
1	Vol No. 2	302	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 2	2 Switch type Layer 2	2. Router Type- i) IP/MPLS Router ii) OSPF, OSPFv3, IS-IS, IS-IS for IPv6, BGPv4, Route Summarization, Policy Based Routing. iii) Layer 3 MPLS, MPLS-TE, VPLS/equivalent, EVPN support iv) Segment Routing for IPv4 and IPv6, TI-LFA v) VRF, L3 VPN, AES/3DES, RADIUS, IP SLA/ equivalent quoted in line item stated in BOQ "Any other Hardware or Software required to meet the RFP requirement "
2	Vol No. 2	302	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 1	24*10/100/1000 Base-TX/FX ports and 4 nos of 10G uplink ports. All ports can auto-negotiate between 10Mbps/ 100Mbps/ 1000Mbps, half-duplex or full duplex and flow control for half duplex ports.	The device must support 16x 1GE SFP, 4 x 10GE SFP+ ports. Should have future scalability for minimum 2x40Gbps interface. All proposed transceivers should be from same OEM.
3	Vol No. 2	302	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 3	MAC - 32k or more	16K or more MAC Addresses
4	Vol No. 2	302	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 4	Backplane - Minimum 128Gbps Switching fabric capacity	Backplane - Minimum 128Gbps Routing Throughput
5	Vol No. 2	302	"5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 7	IPv4 and IPv6 Hosts Addresses - Switch should support minimum of 8K IPv4 hosts or better and 4K IPv6 hosts or better	Clause deleted
6	Vol No. 2	303	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 8	Operating Temperatures - 0 degree to 55 degree, shall support 0% to 95% noncondensing humidity conditions	Operating Temperatures/Humidity - upto 45 degree, shall support upto 85% noncondensing humidity conditions.
7	Vol No. 2	303	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 9	IP Route Table - Switch should support minimum of 12K IPv4 routes and 6K IPv6 routes	IP Route Table - Device should facilitate minimum of 64K IPv4/32K IPv6 routes or better

8	Vol No. 2	303	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 10	Forwarding rate - Packet Forwarding Rate should be 95.0Mpps or better	Clause deleted
9	Vol No. 2	303	"5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 18	Support upto 4K VLANs with jumbi frame handling capability of 13K packet size	Support upto 1K VLANs and minimum 9000 bytes jumbo frame
10	Vol No. 2	303	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 20	Support Multicasting	Support Multicasting with below features ready- i) IPv4 and IPv6 multicast ii) PIM-SM, PIM-SSM iii) IGMPv3, IGMP snooping iv) 4K Multicast Routes
11	Vol No. 2	303	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 28	Should support Ethernet Ring Protection offering sub 50-ms protection using ERPS as per ITU-T G.8032	Should support Ethernet Ring Protection offering sub 50-ms protection using ERPS as per ITU-T G.8032 or equivalent protocol.
12	Vol No. 2	304	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN/ 39	Should support 4 groups of RMON	Should support 4 groups of RMON or better technology
13	Vol No. 2	302	5.5.3.3 Technical Specification of L2 Switches at POP Sites for DWDM/OTN		Technical Specification of L2 Switches at POP Sites for DWDM/OTN should now be read as IP/MPLS Router - POP Sites
14	Vol No. 2	82	5.1.3.6 PoE+ Switches (Industrial Rugged) – 4 Port/ 5	4 x 10/100/1000 (PoE+) + 2 x combo Gigabit SFP, Switch should support MSA Compliant Rugged SFPs	8 x 10/100/1000 (PoE+) + 2 x Gigabit SFP, Switch should support MSA Compliant Rugged SFPs
15	Vol No. 2	83	5.1.3.6 PoE+ Switches (Industrial Rugged) – 4 Port/ 8	Forwarding performance (64-byte packet size): 09 Mbps or better Switching capacity: 12 Gbps or better	Forwarding performance (64-byte packet size): 14 Mpps or better Switching capacity: 20 Gbps or better
16	Vol No. 2	82	5.1.3.6 PoE+ Switches (Industrial Rugged) – 4 Port		5.1.3.6 PoE+ Switches (Industrial Rugged) – 8 Port
17	Vol No. 2	299	5.5.3.2 DWDM/OTN Equipments for POP Sites for Backbone Connectivity		Stands Deleted
18	Vol No. 2	85	5.1.3.7 PoE+ Switches (Industrial Rugged) – 8 Port	8 x 10/100/1000 (PoE+) + 4 x combo Gigabit SFP, Switch should support MSA Compliant Rugged SFPs	8 x 10/100/1000 (PoE+) + 2 x Gigabit SFP, Switch should support MSA Compliant Rugged SFPs

19	Vol No. 2	85	5.1.3.7 PoE+ Switches (Industrial Rugged) – 8 Port	Forwarding performance (64-byte packet size): 14 Mbps or better Switching capacity: 24 Gbps or better	Forwarding performance (64-byte packet size): 14 Mpps or better Switching capacity: 20 Gbps or better
20	Vol no 2	202	5.3.12 Hyper Converged Infrastructure (HCI), Clause 2.1, a	a). The solution should have minimum adequate number of nodes with each node having latest generation Dual Intel Xeon Scalable 2.2 GHz 24 cores processors. Each HCI Node shall provide 768GB Memory with 64 GB DIMM modules.	a). The solution should have minimum adequate number of nodes with each node having latest generation Dual Intel Xeon minimum 2.0 GHz 20 cores processors. Each HCI Node shall provide 768GB Memory with 64 GB DIMM modules.
21	Vol1	40	3.6.1, B2 (Evaluation Criteria Details)	<p>The Sole Bidder or any consortium member (in case of consortium) should have been awarded and successfully designed, executed & commissioned project(s) on Integrated Traffic Management System of minimum value of INR 7 Crores per project with the following components during last seven years (as on Bid Submission date)</p> <p>Components:</p> <ul style="list-style-type: none"> • Controlling Traffic Signals with centralized software system/ Adaptive Traffic Control System AND • RLVD System / ANPR System <p>Marks shall be allotted as below: No. of Projects Marks >= 3 projects 10 2 projects 8 1 project 6</p>	<p>The Integrated Traffic Management System solution offered by the bidder should have been implemented / supplied in any city of India and the value of ITMS component should be at least INR 7 crores. during last seven years (as on Bid Submission date) with at least one of the following components</p> <p>Components:</p> <p>i) Controlling Traffic Signals with centralized software system/ Adaptive Traffic Control System</p> <p>OR</p> <p>ii) RLVD System/ANPR /SVD System</p> <p>Marks shall be allotted as below: No. of Projects Marks >= 3 projects 10 2 projects 8 1 project 6</p>

22	Vol I	36 -37	3.5. PreQualification Criteria; Note – pt. 1	<p>(Citation, copy of completion / ongoing client certificate and work order/Contract/self-certificate) is required for all project experience from the Sole Bidder/ Consortium member.</p> <p>a) Copy of Work order/ Contract clearly highlighting the scope of work, Bill of Material and Contract Value signed by the competent authority of the client.</p> <p>b) Project completion certificate (clearly indicating Commencement date, Completion Date and Value of Work done) signed by the competent authority of the client as per format given in Section 7.4.</p> <p>c) In case of ongoing projects with operations & maintenance scope, the completion certificate should specify successful execution and in-operation status of a part of the order meeting the requirement. To substantiate this, a certificate from the Competent Authority of the Client/ Chartered Accountant/ Statutory Auditor has to be provided.</p> <p>d) Bidder should submit the Self-certification (the format of the self-certificate is provided in Section 6.8 of RFP volume I), clearly mentioning project details like scope, value, duration, Project Completion Status, client details etc. The self-certificate shall be signed on the company's letter head duly signed by Company Secretary or Charter Accountant.</p>	<p>completion / ongoing client certificate and work order/Contract/self-certificate) is required for all project experience from the Sole Bidder/ Consortium member.</p> <p>a) Submission of Copy of Work order/ Contract clearly highlighting the scope of work, Bill of Material and Contract Value signed by the competent authority of the client is mandatory.</p> <p>b) Project completion certificate/Go-Live certificate/Phase Completion Certificate(Phase Completion certificate shall be considered for substantially completed projects when atleast 80% of the Contract value's worth of work is completed) clearly indicating Commencement date, Completion Date and Value of Work done signed by the competent authority of the client. The details shall be submitted separately as per format given in Section 7.4.</p> <p>c) In case of ongoing projects with operations & maintenance scope, the completion certificate should specify successful execution and inoperation status of a part of the order meeting the requirement. To substantiate this, a certificate from the Competent Authority of the Client/ Chartered Accountant/ Statutory Auditor has to be provided.</p> <p>d) In absence of Completion certificate from Competant authority of Client, Bidder should submit the Self-certification (the format of the selfcertificate is provided in Section 6.8 of RFP volume I), clearly mentioning project details like scope, value, duration, Project Completion Status, client details etc. The self-certificate shall be signed on the company's letter head duly signed by Company Secretary or Charter Accountant. In addition, Bidder shall also submit approved Final Payment</p>
23	Vol2	184	CLAUSE NO -4	<p>The proposed firewall appliance should have at least 12 ports of 10/100/1000 along with 8 ports of 10 Gig SFP+ ports with separate management port and 4 * 40 G ports from Day one.</p>	<p>The proposed firewall appliance should have at least 8 ports of 1G/10G SFP+ port from Day 1 and support for at least 4*40G QSFP+ ports for future expansion.</p>

24	Vol2	86	clause no. 13	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3at, IEEE 802.3bt.	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3at Or IEEE 802.3bt.
25	Vol2	86	clause no. 17	Power Requirement: Internal power supply	Power Requirement: Internal or external power supply
26	Vol2	86	clause no. 19	Persistent PoE Switch should have option of redundant power solution to ensure there is no break in connectivity and power to POE devices wherever required.	This Stands deleted