CORRIGENDUM- 6
(NIT No.- 05/MD/PSCL/2021-22 dated 16.04.2021)

The prospective bidders for **"Selection of Master System Integrator for Implementation of Integrated Smart Solutions at Patna"** may take note of the following changes before submission of bids:

Activity	As per RFP/ earlier Corrigendum	Revised as
RFP Vol 1 – Sub Section 3.7 Technical Marking Matrix S. No. 4(A) Implementation of Smart City Component	The bidder (any member in case of consortium) should have experience in implementation of projects with any of the following of smart features: - a) ITMS (ANPR/RLVD/ SVD/e-challan) or b) ATCS c) Environmental Sensors or d) PA/Passenger Information system / ECB	The bidder (any member in case of consortium) should have experience in implementation of projects with any of the following of smart features: - a) ITMS (ANPR/RLVD/ SVD/ e-challan) or b) ATCS or c) Environmental Sensors or d) PA/ Passenger Information system / ECB
RFP Vol 1 – Sub Section 3.7 Technical Marking Matrix S. No. 4(B) Integration of smart ICCC Platform	The bidder (Including Consortium) should have demonstrable expertise and experience in Integration of ICCC Platform with following smart features: - a) Command & Control Centre / Network Operations Centre (NOC) or b) Surveillance command centre or c) ITMS or d) Environmental Sensors	The bidder (Including Consortium) should have demonstrable expertise and experience in Integration of ICCC Platform with following smart features: - a) Command & Control Centre / Network Operations Centre (NOC) or b) Surveillance command centre or c) ITMS or

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Activity	As per RFP/ earlier Corrigendum	Revised as
	e) PA system/ Passenger Information system/ ECB Projects can be of one or more of the above-mentioned categories. Bidder have successfully executed projects in last 7 years:	d) Environmental Sensors **or** e) PA system/ Passenger Information system/ ECB Projects can be of one or more of the above-mentioned categories. Bidder have successfully executed projects in last 7 years:
RFP Vol 1, Page No. 52, Sub-Section 4.3 Performance Bank Guarantee (PBG)	Additional Clause	The Security Deposit will be returned after final Go-live, but only after submission of unconditional PBG of 10% of cost of OPEX valid 28 days beyond the O&M period.
RFP Vol 2, Page No. 48, Sub-Section 4.9. Pilot Deployment	4.9. Pilot Deployment Point I & II	**Clause 4.9 stands deleted.**
RFP Vol 1, Page No. 126, Sub-Section 3.5 Pre-Qualification Criteria S.No. 10	The Lead bidder should have CMMI level 3 or higher certification	The Lead bidder/ Consortium partner(s) should have CMMi level 3 or higher certification
RFP Vol 1, Page No. 42, Sub-Section 3.7 Technical Marking Matrix	CMMi certification: CMMi Level 3 and above = 4 marks (For Sole or Lead partner) Valid CMMi Certificate for Lead partner.	CMMi certification: CMMi Level 3 and above = 4 marks Valid CMMi Certificate.
RFP Vol 3, Page No. 42, Sub-Section 43.6 & 43.6.1	SI is expected to mobilize project team for commencement of work. Commencement of work would mean reporting and availability of SI's resources (90% Key Personnel as per the RFP requirement) at the Authority's office for the project within defined period of 15 days and remaining 10% in next 15 days)	SI is expected to mobilize project team for commencement of work. Commencement of work would mean reporting and availability of SI's resources (Project Manager and Solution Architect) at the Authority's office for the project within defined period of 15 days and remaining in next 30 days.

Activity	As per RFP/ earlier Corrigendum	Revised as
RFP Vol 1, RFP page no. 59, Sub-Section 6.3 Company Profile, C. Financial Turnover of Last 3 Years.	**Annual Turnover details (certified)** <table><tr><td>S No.</td><td>FY-2018-2019</td><td>FY-2019-2020</td><td>FY-2020-2021</td></tr><tr><td></td><td></td><td></td><td></td></tr></table>	**Annual Turnover details (certified)** <table><tr><td>S No.</td><td>FY-2017-2018</td><td>FY-2018-2019</td><td>FY-2019-2020</td></tr><tr><td></td><td></td><td></td><td></td></tr></table>
RFP Vol 1, Page No. 59, Sub-Section 6.3 Company Profile, C. Financial Turnover of Last 3 Years. Point b)	Positive net worth of the last three financial years as on 31.03.2021 (only for Lead bidder). Copy of self-certified statutory auditor certificate to be submitted along with the bid	Positive Net Worth of the last three financial years as on 31.03.2020 (only for Lead bidder). Copy of self-certified statutory auditor certificate to be submitted along with the bid
RFP Vol 2, Page No. 100, Sub-Section 5.2.1.1. Functional & Technical Requirements for Core Router	Core Router: OEM shall be featured in the Gartner's Magic Quadrant of Wired and Wireless LAN Access Infrastructure or Data Center in Leaders/ Challengers category for 2017/ 2018 /2019/2020 years	OEM shall be featured in the Gartner's Magic Quadrant of Wired and Wireless LAN Access Infrastructure or Data Center in Leaders/ Challengers category for 2017/2018/2019/ 2020 years or OEM should have featured in top 3 position for IDC Market Share for Router category during 2017/2018/ 2019/2020.
RFP Vol 2, Page No. 100, Sub-Section 5.2.1.2. Functional & Technical Requirements for Interne Router	Internet Router: OEM shall be featured in the Gartner's Magic Quadrant of Wired and Wireless LAN Access Infrastructure or Data Center in Leaders/ Challengers category for 2017/ 2018 /2019/2020 years	OEM shall be featured in the Gartner's Magic Quadrant of Wired and Wireless LAN Access Infrastructure or Data Center in Leaders/ Challengers category for 2017/2018 / 2019/ 2020 years or OEM should have featured in top 3 position for IDC Market Share for Router category during 2017/2018/ 2019/2020.
RFP Vol 2, Page No.121, Sub-Section 5.2.1.10. Functional & Technical Requirements for GPU Based Rack Servers	3 x Gen3 slots all x16	3 x Gen3 slots all x16/ x8

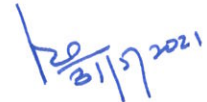| Activity	As per RFP/ earlier Corrigendum	Revised as
(Video Analytics & FRS Servers)		
RFP Vol 2, Page No. 122, Sub-Section 5.2.1.11 Functional & Technical Requirements for AAA Server		Section 5.2.1.11 Stands deleted as Functional & Technical Requirements for AAA Server is already contained in Sub-Section 5.2.1.5 RFP Vol 2, page no. 109.
RFP Vol 2, Page No. 109, Sub-Section 5.2.1.5 Functional & Technical Requirements for AAA Server S. No. 37	The solution should have Integrated Certificate Authority (CA) provides a complete and secure BYOD support.	S. No. 37 contained in Clause 5.2.1.5 (RFP Vol 2, Page No. 109) stands deleted.
RFP Vol 2, Page No. 109, Sub-Section 5.2.1.5 Functional & Technical Requirements for AAA Server S. No. 38 and S. No. 49	Entries at S. No. 38 and S. No. 49 of Clause 5.2.1.5 (RFP Vol 2, Page No. 109).	S. No. 38 & 49 contained in Clause 5.2.1.5 (RFP Vol 2, Page No. 109) stands deleted.
RFP Vol 2, Page No.302, Sub-Section 7.13 Infrared Illuminators- Functional & Technical Specification S. No: 1: Power	Auto on off, POE+, AC24V	Auto on off, POE+/AC24V/ 220VAC
RFP Vol 2, Page No. 302, Sub-Section 7.13 Infrared Illuminators- Functional & Technical Specification S. No: 9: Operating Temperature	0 °C to 55 °C or better	0 °C to 50 °C or better
RFP Vol 2, Page No. 106, Sub-Section 5.2.1.4 Functional & Technical Requirements for WAF S. No: 29	The solution should be leader/challengers in Gartner Magic Quadrant since last 3 years.	The solution should be in Gartner Magic Quadrant since last 3 years or Common Criteria (tested and provided by STQC in India), NSS Labs, NDBB, ICSA Labs; at least one third party certification on credibility of

Activity	As per RFP/ earlier Corrigendum	Revised as
		the product from any of the above, should be shared while bidding.
RFP Vol 2, Page No. 137, 5.2.1.17. Functional & Technical Requirements for Backup Appliance S.No. 25	Bidder should provide 150TB capacity-based licenses. SI need to provide backup solution on the offered IT Infra stack from single OEM for backup software & purpose-built backup appliance.	Bidder should provide 150TB capacity-based licenses. SI need to provide backup solution on the offered IT Infra stack from single OEM or different OEM; for backup software & purpose-built backup appliance.
RFP Vol 2, Page No. 138, 5.2.1.17. Functional & Technical Requirements for Backup Appliance S.No. 28	Backup Solution should also have configurable ReST API support for management, administration and reporting on backup infrastructure via custom applications and out of box integration with VMWare vRealize Automation for complete orchestration.	Backup Solution should also have configurable ReST API support for management, administration and reporting on backup infrastructure via custom applications and out of box integration with VMWare vRealize Automation or equivalent, for complete orchestration.
RFP Vol 2, Page No.138, 5.2.1.17. Functional & Technical Requirements for Backup Appliance S.No. 38	Proposed backup software should be in leader's quadrant of 2017 Gartner report for Enterprise Backup software and recovery solutions.	Proposed backup software should be in leader's quadrant of either 2017 to 2020 Gartner report or IDC for Enterprise Backup software and recovery solutions.
RFP Vol 2, Page No.117, 5.2.1.8. Functional & Technical Requirements for DC Switches	The Switch should Multicast Routing PIM-DM/PIM-SM, PIM-SSM for IPv4 and IPv6	The Switch should Multicast Routing PIM-DM/PIM-SM/ PIM-SSM for IPv4 and IPv6
RFP Vol 2, Page No.140, 5.2.1.19. Functional & Technical Requirements for 24 Port L3 Switch	Switch should have PIM-SM/PIM-SSM/DM and VRF-lite from day one	Switch should have PIM-SM/PIM-SSM/PIM-DM from day one
RFP Vol 2, Page No.113, 5.2.1.7. Functional & Technical Requirements for DC Core Switch	Bidirectional Forwarding Detection (BFD) for OSPF, BGP and VRRP	Bidirectional Forwarding Detection (BFD) for OSPF, BGP and VRRP or equivalent

Activity	As per RFP/ earlier Corrigendum	Revised as
RFP Vol 2, Page No.140, 5.2.1.19. Functional & Technical Requirements for 24 Port L3 Switch	Should have 24x 1/10 gig Fiber SFP ports, 4 x SFP+ ports. Switch should support 1gig Rj45, 1gig LX, 1 gig SX, 10gig SX, 10gig LX. Switch Should be populated with 24 x 1gig LX transceivers and 4 x 10Gig LR.	Should have 24x 1/10 gig Fiber SFP + ports. Switch should support 1 gig Rj45, 1 gig LX, 1 gig SX, 10 gig SX, 10 gig LX. Switch should be populated with 20 x 1 gig LX transceivers and 4 x 10 gig LR
RFP Vol 2, Page No.117, 5.2.1.8. Functional & Technical Requirements for DC Switches	The Switch should support for 4,096 VLANs based on port, MAC address, IPv4 subnet, protocol, and guest VLAN; supports VLAN mapping	The Switch should support for 4,000 VLANs based on port, MAC address, IPv4 subnet, protocol, and guest VLAN; supports VLAN mapping
RFP Vol 2, Page No.138,5.2.1.17. Functional & Technical Requirements for Backup Appliance	Proposed backup software should be in leader's quadrant of 2017 Gartner report for Enterprise Backup software and recovery solutions.	Proposed backup software should be in leader's quadrant of either 2017 to 2020 Gartner report or IDC for Enterprise Backup software and recovery solutions.
RFP Vol 2, Page No. 301, Sub-Section 7.12. Functional & Technical Requirements RLVD System	Proposed Speed Violation Detection system with RLVD and separately asked Speed Detection System should have an accuracy of 150 kmph +/-5 kmph, tested & certified for speed accuracy from Indian Government agencies under Central Motor Vehicle Rule (CMVR) 126 like ARAI, ICAT, VRDE, GARC, etc.	Proposed Speed Violation Detection system with RLVD and separately asked Speed Detection System should have an accuracy of 120 kmph +/-5 kmph, tested & certified for speed accuracy from Indian Government agencies under Central Motor Vehicle Rule (CMVR) 126 like ARAI, ICAT, VRDE, GARC, etc.
RFP Vol 2, Page No. 192, Sub-Section 5.2.3.1. Functional Enterprise Management System	Proposed NMS solution must have deployment reference of monitoring managing 10,000+ network nodes in at least 3 deployments in India across Gov/PSU/Large Enterprise.	Proposed NMS solution must have deployment reference of monitoring managing 2,500+ network nodes in at least 3 deployments in India across Gov/PSU/Large Enterprise.
RFP Vol 2, Page No. 111, Sub-Section 5.2.1.3.	Support of 1,50,00,000 or more concurrent connections	Support of 30,00,000 or more concurrent connections with

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Functional & Technical Requirements for Data Centre Firewall	with AVC/App-id enabled	AVC/App-id enabled
RFP Vol 2, Page No. 100, Sub-Section 5.2.1.1. Functional & Technical Requirements for Core Router	Operating Temperature - 10°C to 50°C minimum	Operating Temperature 5°C to 45°C minimum with extended/ short term temperature range of −5 to 50°C in case of situation arises.

Other terms and conditions shall remain unchanged.

Note: - वेबसाईट **http://www.eproc.bihar.gov.in** पर **Department Name** मे **Patna Smart City Limited** को **Select** करने पर ही ई–निविदा को देखा जा सकता है।

Managing Director
Patna Smart City Limited
-cum-
Municipal Commissioner
Patna Municipal Corporation