



झारखण्ड सरकार

Government of Jharkhand
Urban Development & Housing Department
Ranchi Smart City Corporation Limited

4th Floor, Project Bhawan, Dhurwa, Ranchi- 834004 | e-mail: ranchismartcity@gmail.com
CIN: U45309JH2016SGC009206



RANCHI SMART CITY

Notice No. : SUDA/RSCCL/C4 Tender-01/2018.....-195.....

Date: 03/02/18

Tender Notice No. : SUDA/RSCCL/C4 Tender-01/2018-01

Date: 25-01-2018

PR No.: 177870

It is o be informed that replies and clarifications to the queries raised during the pre-bid meeting held on 01.02.018 with respect to RFP invited for the work of 'Selection of Master System Integrator (MSI) for Implementation of Command Control and Communication Centre (C4) under Smart City Mission in Ranchi (2nd Call)' has been uploaded to our websites i.e. <https://jharkhandtenders.gov.in>, <http://udhd.jharkhand.gov.in> <http://smartranchi.city>.

Prospective bidders are advised to refer the document while preparation of their bid proposals.


2/2/18

(Rajesh Kumar Sharma)
Director, SUDA

Replies to the Pre-Bid Queries held on 01/02/2018 for the tender of Selection of Master System Integrator (MSI) for Implementation of Command Control and Communication Centre (C4) under Smart City Mission in Ranchi (2nd Call)

Tender Notice No: SUDA/RSCCL/C4 Tender-01/2018-01

Issue Date: 25-01-2018

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
1	I	31	PQ4	Project Experience The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (Two) projects as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall and Operation Room) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence/Metro in India with project cost not less than INR 10 Cr in the last 7 (Seven) financial years	Request you to amend the clause as below The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (Two) projects as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall and Operation Room) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/PPP/ ULB/Govt. Boards/Defence/Metro/Airports in India with project cost not less than INR 10 Cr in the last 7 (Seven) financial years. Kindly Confirm.	No Change
2	I	32	PQ5	As on date of submission of the proposal, the Sole Bidder or the Lead Member including its subsidiaries and each members of the consortium member, in case of a Consortium, should not have been blacklisted by Central/State Government/ PSU entity in India or similar agencies globally for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices.	Request you to amend the clause as below The sole bidder OR the Lead bidder and each of the member of the Consortium including their parent/subsidiary/associate company should not be blacklisted by any Central / State Government Department or Central/State Public Sector Units (PSUs) in India as on the bid submission date.	No Change
3	I	33	PQ6	The Sole Bidder or any member of consortium should possess the following Certifications which are valid at the time of bid submission: <ul style="list-style-type: none"> • ISO 20000:2011 for IT Service Management • ISO/IEC 27001:2013 for Information Security Management System 	Request you to amend the clause as below "The Sole Bidder or any member of consortium should possess the following any of the Certifications which are valid at the time of bid submission: <ul style="list-style-type: none"> • ISO 20000:2011 for IT Service Management • ISO/IEC 27001:2013 for Information Security Management System" 	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
4	I	34	TQ3.1	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go- Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall, Operation Room) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 marks would be awarded, maximum 4 projects would be considered for evaluation)	Request you to amend the clause as below The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized - completed at least 50 % of CAPEX works as per Contract Agreement of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall, Operation Room) Project as a System Integrator for any Central Government/ State Government/PPP/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations/ Airports in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 marks would be awarded, maximum 4 projects would be considered for evaluation) Kindly Confirm.	No Change
5	I	34	TQ3.1	In case of large orders/orders with operations & maintenance phase, the completion/self-certificate may specify successful commissioning and in-operation status of a part of the order meeting the requirement along with certificate from statutory auditor certifying receipt of 50% of CAPEX cost/fee.	Kindly amend the clause as below, In case of large orders/orders with operations & maintenance phase, the completion/self-certificate may specify successful commissioning and in-operation status of a part of the order meeting the requirement along with certificate from statutory auditor or company secretary certifying progress of 50% CAPEX works	No Change
6	I	34	TQ3.2	The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 10 Cr. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation).	Request you to amend the clause as below The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 10 150 Cr (incl taxes). (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation) Kindly Confirm.	No Change
7	I	33	TQ3.3	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go- Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement in implementation & maintenance of any ITMS (Intelligent Traffic Management System) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years with project cost not less than Rs. 10 Cr. Project for Metro rail corporations or Railways wouldn't be consider for technical evaluation in this category. (For each project 2.5 5 marks would be awarded, maximum 2 projects would be considered for evaluation)	Request you to amend the clause as below The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go- Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement in implementation & maintenance of any ITMS (Comprising any of Intelligent Traffic Management System, Adaptive Traffic Control System, RLVD, ANPR etc) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years with project cost not less than Rs. 10 Cr. Project for Metro rail corporations or Railways wouldn't be consider for technical evaluation in this category. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation) Kindly Confirm.	No Change

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8	I	35	TQ3.4	The Sole Bidder or any member of the consortium should have completed project as a System Integrator for implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 7 (Seven) financial years with the project cost not less than Rs. 10 Crores (For each project 2.5 marks would be awarded, maximum 3 projects would be considered for evaluation)	Request you to amend the clause as below The Sole Bidder or any member of the consortium should have completed project as a System Integrator for implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards/Airports/PPP in the last 7 (Seven) financial years with the project cost not less than Rs. 10 Crores (For each project 2.5 marks would be awarded, maximum 3 projects would be considered for evaluation) <u>Kindly Confirm.</u>	No Change
9	I	37	2.3.18 Technical Evaluation Criteria	Note : Any project experience shall be considered under only one category during technical evaluation.	Request you to kindly delete this clause as most of the Large turnkey projects has got multiple elements included in single order.	No Change
10	I	34	TQ 2.1	<u>Technical Evaluation Criteria</u> CMMi Level 3	Kindly confirm whether a parent company/firm shall be allowed to use the credentials of its subsidiaries.	Company should be part of the consortium bidding for this tender.
		34	TQ 2.2	CMMi Level 5		
11	I	38	2.3.18 Technical Evaluation Criteria	Solution Architect a)Educational Qualification: • BE / B. Tech with MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark b)Certification : • Any industry standard certifications like TOGAF = 0.5 Mark c) Work experience in the capacity of Solution Architect: • >=10 years = 1 Mark • >=7 and <10 years =0.5 Mark d) Work experience as Solution Architect: 2 or more projects = 0.5 Mark	Request you to amend the Education Qualification as below a)Educational Qualification: • BE / B. Tech with MBA/PGDBM or similar/ MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark	No Change
12	I		Volume I 2.3.18 Technical Evaluation Criteria Team Evaluation Matrix	<u>Security Expert:</u> a)Educational Qualification & Experience: • BE / B. Tech with MS/M. Tech. or equivalent o >=9 years of experience in the capacity of security expert = 1 Mark o >=6 and <9 years in the capacity of security expert = 0.5 Mark • BE / B. Tech / MCA o >=9 years of experience in the capacity of security expert = 0.5 Mark b)Certification : • Software Security (CISM, CISSP, ComPTIA ,Security+)= 0.5 Mark d) Work experience as Security Expert (IoT Related Projects): • 2 Projects=1 Mark • 1 Project = 0.5 Mark	Request you to amend the Education Qualification as below a)Educational Qualification: • BE / B. Tech with MBA/PGDBM or similar/MS/M. Tech. or equivalent o >=9 years of experience in the capacity of security expert = 1 Mark o >=6 and <9 years in the capacity of security expert = 0.5 Mark • BE / B. Tech / MCA o >=9 years of experience in the capacity of security expert = 0.5 Mark	No Change
13	I	39	2.3.18 Technical Evaluation Criteria Team Evaluation Matrix	System Administrator: a)Educational Qualification: • BE / B. Tech with MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark b)Certification : • Any in System Administration= 0.5 Mark c) Work experience in the capacity of System Administrator: • >=9 years = 1 Mark • >=6 and <9 years = 0.5 Mark	Request you to amend the Education Qualification as below a)Educational Qualification: • BE / B. Tech with MBA/PGDBM or similar/MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark b)Certification : • Any in System Administration= 0.5 Mark c) Work experience in the capacity of System Administrator: • >=9 years = 1 Mark • >=6 and <9 years = 0.5 Mark	No Change

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14	I	40	2.3.18 Technical Evaluation Criteria Team Evaluation Matrix	Network Expert: a)Educational Qualification: • BE / B. Tech with MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA /MS = 0.5 Mark b)Certification : • Any in Network Administration= 0.5 Mark c) Work experience in the capacity of Network Expert: • >=9 years = 1 Mark • >=6 and <9 years = 0.5 Mark	Request you to amend the Education Qualification as below a)Educational Qualification: • BE / B. Tech with MBA/PGDBM or similar/MS/M. Tech. or equivalent =1 Mark • BE / B. Tech / MCA /MS = 0.5 Mark	No Change
15	I	38	2.3.18 Technical Evaluation Criteria Team Evaluation Matrix	Team Leader-cum-Program Manager a)Educational Qualification: • BE/B. Tech with MBA/PGDBM or similar/MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark b)Certification : • PMP / Prince 2 (P) Certification = 1 Mark c)Work experience in the capacity of Project/Program Manager in ICT implementation Projects: • >=10 years = 1 Mark • >=8 and < 10 years = 0.5 Mark d)Project/Program management Experience in ICT implementation Project (Command Control /Intelligent Traffic Management System/Smart Parking Management System) • > 3 Projects = 2 Marks • 2 – 3 Projects = 1 Mark	Request you to amend the clause as below: a)Educational Qualification: • BE/B. Tech/AMIE with MBA/PGDBM or similar/PGDM/MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark b)Certification : • PMP / Prince 2 (P) Certification = 1 Mark c)Work experience in the capacity of Project/Program Manager in ICT implementation Projects: • >=10 years = 1 Mark • >=8 and < 10 years = 0.5 Mark d)Project/Program management Experience in ICT implementation Project (Command Control /Intelligent Traffic Management System/Smart Parking Management System) • > 3 Projects = 2 Marks • 2 – 3 Projects = 1 Mark	No Change
16	I	73	Annexure 3.2	Annexure 3.2 13. The Unit Rate as mentioned in the following formats may be used for the purpose of 'Change Order' for respective items, if any. However, based on the market trends, RSCCL retains the right to negotiate this rate for future requirement 14. The variation in individual item of quantities permitted, provided it shall not exceed ± 20% in individual item of quantities. The successful bidder shall not object to the upward or downward variation in quantities of any item within the variation limits.	We understand that the Right to vary the quantity shall be capped at ±5% of mentioned quantity.	No Change
17	I	73	Annexure 3.2 - Financial Proposal Format & Instructions	CAPEX bid price proposed by the bidder shall not exceed 65% of total Bid price under any circumstances. In case the bidder quotes higher figures towards capital costs the same shall be restricted to 65% while making payments towards Capex. Any value quoted towards Capex over and above 6 5% limit will be paid in equal quarterly instalments during O&M along with quarterly payment for each quarter.	We request you to amend the clause as, "CAPEX bid price proposed by the bidder shall not exceed 80% of total Bid price under any circumstances. In case the bidder quotes higher figures towards capital costs the same shall be restricted to 80% while making payments towards Capex. Any value quoted towards Capex over and above 80% limit will be paid in equal quarterly instalments during O&M along with quarterly payment for each quarter."	No Change
18	I	78	Annexure 3.2 - Financial Proposal Format & Instructions	3.10 Blade server for Video Management- 4 No 3.14 Blade server for Video Management System-1 No	Blade Server for Video Management System is mentioned twice in the commercial bid under Schedule A1. Request you to clarify the quantity & Line item requirement.	No Change in format. RSCCL shall use this machines for other components like SVD etc.

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19	I	76	Annexure 3.2 - Financial Proposal Format & Instructions	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution 1.11 Online UPS (please specify sizing as per proposed solution) specify (in n + n fashion) 3.40 Online UPS (please specify sizing as per proposed solution) specify (in n + n fashion) 3.41 Precision Air Conditioning System for the Server Farm Area (please specify capacity)-specify (in n+1 fashion)	1.We understand that for Online UPS if n=2 then we have to quote for 4 numbers and Unit price shall be Price of one number and Total Price shall be of 4 Numbers. Kindly Confirm. 2.Also for for precision Air Conditioning system if n=1 then we have to quote for 2 Numbers and Unit price shall be Price of one number and Total Price shall of 2 Numbers. Kindly Confirm. 3. Please confirm that bidder has to mention total quantity in the Qty Column F in the price schedule. Kindly Confirm.	1. Yes, bidder has to calculate the total requirement in the same fashion & specify the total quantity accordingly. 2. Yes, bidder has to calculate the total requirement in the same fashion & specify the total quantity accordingly. 3. Yes, bidder has to specify total quantity considering (n+n) or (n+1) requirement.
20	I	83	Annexure 3.2 - Financial Proposal Format & Instructions	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution Power Backup: 3.80 - Diesel Genset- 1 No	We understand that all recurring costs including Power, Fuel cost shall be borne by RSCCL. Kindly Confirm.	RSCCL shall reimburse the cost of fuel, electricity and telephone (for helpdesk) to bidder on presentation of bills.
21	II	73	3.2 Requirement Phase:	MSI shall directly interact with electricity boards for provision of mains power supply at all desired locations for field solution. RSCCL shall facilitate the same. The recurring electricity charges will be borne by RSCCL as per actual consumption.	We understand that connection charges, meter charge, recurring charges for all field locations ,Command & Control Center & Data Center shall be borne by RSCCL. Kindly Confirm.	Connection charges and regular electricity consumption charges shall be reimbursed to the bidder on presentation of bills.
22	II	23	2.3.4 Electrical works and power supply	MSI shall directly interact with electricity board for provision of mains power supply at all desired locations for ITMS field solution. MSI shall be responsible to submit the electricity bill including connection charge, meter charge, recurring charges etc. to the electricity board directly. MSI shall have to submit the challan of bill submission to RSCCL. RSCCL will reimburse the amount submitted to MSI after verification in next billing cycle.		
23	II	71	2.16.2 Payment Schedule	2.16.2 Payment Schedule Requirement study (T+3 months): 2% of CAPEX value Hardware Delivery & commissioning of C4 & DC in Phase I: T+7 Months- 30% of CAPEX value Phase I : Go Live (T + 9 Months)- 18% of CAPEX value Phase II : Go Live (T + 11 Months)- 10% of CAPEX value Phase III : Integration & Project Final Go-Live- T1 = T + 12months-20% of CAPEX value One year of successful completion of Project Final Go-Live, T+12 months Remaining 20% of CAPEX value shall be paid in two (2) equal half yearly instalments OPEX will be paid in twenty (20) equal quarterly instalments spread across 5 years Post Final Go-Live-T1 + 60 Months Mobilization advance shall be interest bearing and PLR rate of interest shall be payable to RSCCL by the successful bidder	Since project is capex intensive, we request you to ammend payment terms to accommodate mobilisation and supply payment milestones. Kindly consider Mobilziation advance (Interest free) : 10% of CAPEX value Hardware Delivery for C4 & DC in Phase I: T+4 Months- 30% of CAPEX value Phase I : Go Live & commissioning for C4 & DC in Phase I (T + 9 Months)- 20% of CAPEX value Phase II : Go Live (T + 11 Months)- 10% of CAPEX value Phase III : Integration & Project Final Go-Live-10% of CAPEX value One year of successful completion of Project Final Go-Live, T+12 months Remaining 20% of CAPEX value shall be paid in two (2) equal instalments by T+18 months OPEX will be paid in twenty (20) equal quarterly instalments spread across 5 years Post Final Go-Live-T1 + 60 Months	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
24	II	70	2.16 Project Implementation Schedule, Deliverables and Payment Terms	Phase III: Integration & Project Final Go-Live Integration with external applications (existing & proposed)- ☑ City Surveillance System ☑ Smart Lighting ☑ ICT Enabled Solid Waste Management ☑ Intelligent Transportation System ☑ E-Challan System ☑ Public Bike Sharing ☑ Smart Water Supply System ☑ Smart Education ☑ Smart Health Management System ☑ BRTS/MRTS and City Bus Services	We understand from the Price Schedule Integration with Smart Education and Smart Health Management has been deleted from MSI's scope. Request you to remove the same from Milestones.	As per RFP
25	III	11	9 Constitution of Consortium	RSCCL reserves the right to review, approve and require amendment of the terms of the Consortium Contract or any contract or agreements entered into by and between the members of such Consortium and no such agreement/contract shall be executed, amended, modified and/or terminated without the prior written consent of RSCCL. An executed copy of each of such agreements/contracts shall, immediately upon execution be submitted by MSI to RSCCL.	We understand that bidder has to submit the consortium agreement as given in Annexure 1.4 as per RFP. However The lead bidder shall be solely responsible for the completion of the Project.	RFP clauses are self-explanatory.
26	III	23	Cl. 17.4 of GCC	17.4. Where RSCCL is of the view that no further extension of the term be granted to MSI, RSCCL shall notify MSI of its decision at least 3 (three) months prior to the expiry of the Term. Upon receipt of such notice, MSI shall continue to perform all its obligations hereunder, until such reasonable time beyond the Term of the Contract within which, RSCCL shall either appoint an alternative agency/MSI or create its own infrastructure to operate such Services as are provided under this Contract. Such services beyond the Term of the Contract shall be provided by MSI at mutually agreed terms and conditions by the parties concerned	We understand that the till the reasonable time before appointing alternative agency, MSI shall be paid at pro rata basis as applicable. Kindly Confirm.	RFP clauses are self-explanatory.
27	III	29	Cl. 30.5 SCC	MSI must acknowledge that RSCCL's business data and other RSCCL proprietary information or materials, whether developed by RSCCL or being used by RSCCL pursuant to a license agreement with a third party (the foregoing collectively referred to herein as "proprietary information") are confidential and proprietary to RSCCL; and MSI along with its team agrees to use reasonable care to safeguard the proprietary information and to prevent the unauthorized use or disclosure thereof, which care shall not be less than that used by MSI to protect its own proprietary information. MSI recognizes that the goodwill of RSCCL depends, among other things, upon MSI keeping such proprietary information confidential and that unauthorized disclosure of the same by MSI or its team could damage the goodwill of RSCCL, and that by reason of MSI's duties hereunder. MSI may come into possession of such proprietary information, even though MSI does not take any direct part in or furnish the services performed for the creation of said proprietary information and shall limit access thereto to employees with a need to such access to perform the services required by this agreement. MSI shall use such information only for the purpose of performing the said services	We request you to add the below clause in addition "Confidential Information of the Employer can be disclosed by the Contractor for regulatory and legal purposes". Kindly Confirm.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
28	II	89	3.9 Manpower Deployment	MSI is required to provide suitable manpower to monitor the data feeds at command Centre and support RSCCL in operationalization of the project. Total number of operators required for the project is 30 in three shifts.	We understand that total number of operators required shall be 30 in three shifts and bidders has to consider for additional manpower for backup/shoft coverage/leaves etc Or As per the requirement30 is all inclsuive and we need quote only for 30 only where in buffer shall be managed within	30 operators are to be provided on 24x7 basis and bidders has to consider for additional manpower for backup/shoft coverage/leaves etc. Shift-wise requirement shall be decided by RSCCL to the successful bidder.
29	I	121	Annexure 9 – Format for EMD / Proposal Security (Bank Guarantee)	6. This unconditional and irrevocable Guarantee shall remain in full force and effect and shall remain valid until _____ (180 days from the proposal due date). Notwithstanding any contained herein: 1. Our liability under this Bank Guarantee shall not exceed -----EMD Amount----- 2. This unconditional and irrevocable Bank Guarantee shall be valid for a period of 180 days from _____ (Proposal Due Date).	We request you to amend the clause as below 6. This unconditional and irrevocable Guarantee shall remain in full force and effect and shall remain valid until _____ (180 days from the date of bid submission). Notwithstanding any contained herein: 1. Our liability under this Bank Guarantee shall not exceed -----EMD Amount----- 2. This unconditional and irrevocable Bank Guarantee shall be valid for a period of 180 days from the date of bid Submission.	Proposal due date and date of bid submission have the same meaning here.
30	I	42	2.3.19 Key Personnel	d) The Authority expects all the Key Personnel specified in the Proposal to be available during implementation of the Agreement. The Authority will not consider any substitution of Key Personnel except under compelling circumstances beyond the control of the MSI and the concerned Key Personnel. Such substitution shall be subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority. Without prejudice to the foregoing, substitution of Key Personnel shall be permitted subject to reduction of payment equal to 0.25% of the subsequent milestone payment for each replacement.	In case MSI replaces the proposed resources to equal or better qualified and experienced personnel before commencement of the project. We request not to deduct any payment from MSI. Kindly Confirm.	No Change
31	I	67	Annexure 2.8	Annexure 2.8 – Format for OEM Authorization	Since DR is on Cloud, Kindly confirm MAF for individual equipments at DR site is not require , as per our understanding for DR site MAF for Cloud hosting services (CSP MAF) would be required and not for individual equipments.	MAF from CSP should only mention the services to be procured by bidder for this tender.
32	I	108	Schedule B4 – Cloud DR Cost	Schedule B4 – Cloud DR Cost	Kindly confirm which cost with respect to Cloud base DR will be considered in this section i.e Infrastructure or Management. Since as per following section the below mentioned items has been asked on capex --- Schedule A - Summary of Commercial Bid (CAPEX)- Data Recovery Centre 3.71 Servers 3.72 Storage 3.73 Bandwidth Setup 3.74 DC-DR License	Under capex, bidders have to mention one time set-up cost, if any, for servers, storage etc. to be hired from a CSP.
33	II	36	2.7.2	2.7.2 Disaster Recovery and DR Cloud - a) The proposed Cloud Service Provider (CSP) must be an empaneled and audit complaint cloud service provider by MeITY (Ministry of Electronics and Information Technology) for Public cloud, Virtual Private Cloud and Community Government Cloud.	Kindly confirm on what kind of cloud model RSCCCL is expecting to deploy its DR site i.e on Meity VPC,government community cloud or public cloud	CSP proposed by bidder should have been an empanelled & audit complaint CSP by MeITY under Public, Virtual Private and Community cloud.
34	II	38	2.7.2	2.7.2 Disaster Recovery and DR Cloud - m) Additional Parameters	Kindly confirm does RSCCL needs backup at DR site, If yes kindly share the approx. daily data generation along with required backup policy. Kindly confirm number of DR drill require annually Kindly confirm access management and identitiy management mention the following section are has to be provided with standard security measures or does client need dedicated solution like PIM software (Privelege identity management tool) at DR site. Kindly share the total number users and concurrent users	Bidders have to calculate the storage based on RFP requirements mentioned for DR. It shall be done once in a quarter. As per RFP. As per RFP.

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35	II	159	4.3	4.3 Data Centre	Since DR has been demanded on 3rd party Cloud base model, hence Kindly confirm the following technical specifications mentioned in this sections and in its sub-Sections are not applicable for equipments involved/deployed at cloud based disaster recovery site.	Query not clear.
36	II	313	Annexure III	6 Annexure III- Common guidelines regarding compliance of systems/equipment - 22. All licenses should be in the name of the RSCCL.	Since the DR has been demanded on 3rd party Meity empaneled CSP. CSPs provides SPLA licenses and entire DR environment will be provided as a service to RSCCL. Hence,we can't transfer or can't provide any software licenses deployed at DR site in the name of RSCCL. Kindly confirm this clause is not applicable for DR site infra.	Any license purchased by the successful bidder shall be in the name of RSCCL.
37	II	148	Clause 05, Section 4.3.3, Firewall	Encrypted throughput: of minimum 2Gbps	Encryption is a major component in Smart City project as there would be multiple feeds and connections from various applications and sensors. The Appliance asked to have a overall throughput of 10 Gbps with Application Visibility, Intrusion Prevention and Firewall. With this, the encrypted throughput should be in sync and should be minimum 8 Gbps considering 20% overhead due to encryption. This will help utilize the appliance to the maximum performance.	No Change
38	II	305	C4 Design Consideration	5.2 Security	Kindly confirm whether we need to consider the security devices as specified in the 5.2. Security. If so, kindly provide specifications and line items in price bid format	Bidders have to meet the key design considerations mentioned in the project with the products & solutions asked for in the price bid.
39	III	27	25 Transfer of Ownership	25 Transfer of Ownership	Since the DR has been demanded on 3rd party Meity empaneled CSP. CSPs provides SPLA licenses and entire DR environment (i. e. Hardware and Software) will be provided as a service to RSCCL. Hence,we can't transfer or can't provide any software licenses or hardware deployed at DR site in the name of RSCCL. Kindly confirm this clause is not applicable for DR site infra.	Only DC-DR replicability and associated license shall be in the name of RSCCL.
40	II	297	Section 5.1.1.7 Security	Authentication, Authorization & Access Control: 3 factors (User ID & Password, Biometric, and Digital Signature) security mechanisms should be implemented to enable secure login and authorized access to portal information and services.	1. Should the PKI based Auth & Auth solution be deployed on-premise or cloud? Should PKi based Auth used at all? 2. How many Digital Signature Certificates would be required? 3. Should the application have the ability to just validate DSC's or even issue DSC's?	1. It would be as per the deployment of products & solutions. 2. Our of scope of successful bidder. 3. Application has to validate DSC 4. It would be DSC only. 5. details shall be shared with the successful bidder. 6. Supply of biometric devices is out of scope. 7. This shall be decided at the time of solution development. 8. This may be provided as an option.
41	II	18	Section 2.2 Component Architecture, Section h	Identity and Access Management – including user authentication, authorization, SSL& Digital Signatures.	4. Is Aadhar based authentication permitted too or its just DSC? 5. What are the specifications of biometric systems that should be integrated? 6.Can we expect that the biometric hardware existing or new will have capability to integrate? Should one quote for the biometric hardware too? 7. Should the biometric fingerprints be validated by Aadhar ID or any other software? 8. Is a OTP based auth required?	
42	II	285	Section 2.2 Component Architecture, Section h	Should Automatically blacklist clients based on DoS/MITM attacks	Request to delete the clause	No Change
43	II		Section 2.2 Component Architecture, Section h	The Wi-Fi access point shall be supplied with MIMO sectoral (120x30 degrees) or omni-directional antennas (in-built or external) as needed to meet the design requirements of the Project. It shall support multiple unique antenna patterns. The antennas shall have antenna gain required to support the coverage requirements of the Project.	Modification Request: This should be changed to "The Wi-Fi access point shall be supplied with MIMO sectoral (120x30 degrees) or omni-directional antennas (in-built or external) as needed to meet the design requirements of the Project. The antennas shall have antenna gain required to support the coverage requirements of the Project.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
44	II	292	Section 2.2 Component Architecture, Section h	Should be able to support PoE, AC/DC powering option	Modification Request: "Should be able to support PoE."	No Change
45	II	151	Section 4.3.5, Clause 7	Minimum 9 Tbps or more Switching fabric capacity (as per network configuration to meet performance requirements)	Modification Request: Minimum 11 Tbps or more Switching fabric capacity (as per network configuration to meet performance requirements)	No Change
46	I	82	Point No 3.75	Desktop GIS with Spatial Analysis, Network Analysis and Data Interoperability (in-built or with extensions)	Kindly clarify how many Desktop GIS software will be required. Will the Desktop GIS should have capability of advance spatial analysis?	Please refer to the price bid format.
47	I	78	Volume I Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution	3.10 Blade server for Video Management - 4 Nos 3.14 Blade server for Video Management System - 1 No	As per Schedule A1 - Data Center Core Infrastructure ,3.10 &3.14 Blade server requirement is asked for Video management System . Why it is mentioned in two places with different quantities. Kindly Clarify.	Query addressed above.
48	I	79	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution	3.10 Blade server for Video Management - 4 Nos 3.14 Blade server for Video Management System - 1 No 3.16 Network Video Recorder- Lot Specify	a)The required server infra for VMS (Management & Network Recording server) is considered in 3.10&3.14 . Kindly Clarify. b)The NVR mentioned in 3.16 is over and above the mentioned server requirement or does this mean a dedicated NVR appliance. Kindly clarify	Query addressed above.
49	II	248	4.4.7 Network Video Recorder (NVR)	The NVRs shall be support interface using 10/100/1000BaseTX. It shall support a total throughput of at least 700 Mbps. The NVR shall be powered using 100] 240VAC/50Hz. TR 4.32.	Kindly Clarify what is TR 4.32.	Please ignore the term "TR 4.3.2".
50	I	79	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution - Blade Server Requirement	As per Schedule A1 we have not found the blade server requirement for Speed Violation Detection System. Kindly clarify where to include the same.	Query addressed above.
51	I	44 88	2.8.6 Traffic Accident Recording System (TARS) Volume I Schedule A2 - Integrated Traffic Management System (ITMS) [Field Equipment]	2.8.6 Traffic Accident Recording System (TARS) The bidder shall provide field units (tablets or similar) for collecting the accident data (First Information Reports), the data from which shall be transferred to CCCC platform Schedule A2 - Integrated Traffic Management System (ITMS) [Field Equipment] 4.1 Ruggedized Field devices for recording accidents - 5 Nos	As per RFP, we understand that 5 numbers of Ruggedized Tablet to be considered as part of TARS solution. Kindly confirm. Kindly share the minimum technical specification for ruggedized tablet.	Please refer to the specifications of TARS.
52	II	191	4.3.25	Enterprise DB	We have COTS products bundled with DB's suited for requirement. We understand Enterprise DB shall act as core DB layer for single version of truth and analytics shall be run on this by C4. Kindly confirm if Enterprise DB has to be quoted for this item.	Bidders' solution must use a common database layer for all components (C4, ITMS, Parking, Wi-Fi, Environmental Sensor, Web Portal, GIS etc.) of this project.
53	I	78	Schedule A1: 3.10 to 3.33	Blader servers asked on invidiual solutions	Should we consider dedicated Blade servers for individual applications or Should we optimise the server sizing by using Virtulisation Techniques	Blade servers mentioned in the price bid are physical machines. For additional server requirements, bidders can propose virtualization without compromising the SLAs to be met under this project.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
54	I	147	4.3.1 Core/Internet Router, Sub Clause: Security features , 22	MD5 encryption for routing protocol, NAT, RADIUS Authentication, Management Access policy IPsec / Encryption, L2TP	Request to remove L2TP as it has been replaced by new technologies like VPLS which offers more features compared to L2TP.	No Change
55	II	57	2.9.1.2.10	Adding new location – whenever a new location is decided to be added by the RSCCL, an order will be placed with MSI at the contracted price. MSI shall carry out site-survey at new location for feasibility of location over wired connectivity. MSI would be required to implement and commission the location within 2 weeks from the date of work order.	Lease line connectivity has two price components 1. One time connection establishment cost, 2. Bandwidth Cost. Bandwidth cost could be under rate contract as long as within city limit but connection establishment cost will vary depending on location, nearest PoP. Thus request to amend the clause as Bandwidth Rate Contract. Also time required to establish connection depends on location, obtaining Right of Way permission etc. thus request to remove time restriction from the clause.	No Change
56	II	146	4.3.1	SL No 7 Core router shall have a total switching capacity of at least 2000 Gbps with minimum 200 Gbps per slot. The MSI shall size the port and transceiver as per their detailed design.	As required switching capacity of router depends on no and types of network ports, which in this case left to SI. Request to remove this clause.	No Change
57	II	294	4.3.26	15. The proposed Backup Solution has online backup solution for different type of Databases such as Oracle, MS SQL, MySQL and Sybase / DB2 etc. on various OS.	Online backup solution need to backup Enterprise Database solution proposed which will be decided by SI at the time of solution formulation. Thus request to change the clause as “ The proposed Backup Solution has online backup solution for all the Enterprise Database proposed at part of solution.”	No Change
58	II	207	4.4.1.2.3	3.e. Should be Intertek/ETL/EN certified	Request to change the clause “Should be Intertek/ETL/EN certified” as “Should be Intertek/ETL/EN certified/complied” as an Indian vendor we don't have foreign certification but we do comply to those specifications.	No Change
59	II	207	4.4.1.2.3	3.f. All units operate at voltage of 230Vac +/-	Ours is solar power based solution with battery backup. Thus LED aspects are DC powered. Request to change the clause as “ All units operate at voltage of 230Vac +/- or 24V DC”	No Change
60	II	207	4.4.1.2.3	5.a. Power supply:230 Vac +/- 10% and frequency 50+/-5Hz	Ours is solar power based solution with battery backup. Thus LED aspects are DC powered. Request to change the clause as “Power supply:230 Vac +/- 10% and frequency 50+/-5Hz or 24V DC”	No Change
61	II	207	4.4.1.2.3	5.b. Standards: EN 12368 certified	Request to change the clause “Standards: EN 12368 certified” as “Standards: EN 12368 certified/complied” as an Indian vendor we don't have foreign certification however we do comply to this standard.	No Change
62	II	208	4.4.1.2.4	13. Standard: EN12966	Request to change the clause “Standards: EN 12966” as “Standards/Complied: EN 12966” as an Indian vendor we don't have foreign certification however we do comply to this standard.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
63	I	31 32	2.3.17 Pre-Qualification Criteria PQ- 4	The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed implementation i.e.Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (Two) projects as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall and Operation Room) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence/Metro in India with project cost not less than INR 10 Cr in the last 7 (Seven) financial years	<p>The understanding of Command Control and Communication Center generally takes the reference from the following points: 1.Executive Dashboards, KPI & Performance Monitoring, Ad hoc Reporting, Analysis & Forecasting, MIS/Business Intelligence projected on a viewing platform(Video wall/Monitor). 2. A unified Contact Centre / Helpdesk to facilitate collaboration between various stakeholders and aid in grievance redressal. 3 An analytics platform to provide descriptive, predictive and prescriptive insights. 4. A set of Pre-Integrated Standard operating procedures to act on incidents and escalations.</p> <p>Therefore request you to kindly ammend the clause as:</p> <p>""The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed implementation i.e.Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (Two) projects as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application/ Enterprise Integration platform, Dashboard, Video Wall or any viewing platform, Operation Room or helpdesk) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence/Metro/Utilities in India with project cost not less than INR 10 Cr in the last 7 (Seven) financial years"</p>	No Change
64	I	34	2.3.18 Technical Evaluation Criteria TQ - 3.1	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall, Operation Room) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 marks would be awarded, maximum 4 projects would be considered for evaluation)	<p>The understanding of Command Control and Communication Center generally takes the reference from the following points: 1.Executive Dashboards, KPI & Performance Monitoring, Ad hoc Reporting, Analysis & Forecasting, MIS/Business Intelligence projected on a viewing platform(Video wall/Monitor). 2. A unified Contact Centre / Helpdesk to facilitate collaboration between various stakeholders and aid in grievance redressal. 3 An analytics platform to provide descriptive, predictive and prescriptive insights. 4. A set of Pre-Integrated Standard operating procedures to act on incidents and escalations.</p> <p>Therefore request you to kindly ammend the clause as: The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre ((Comprising minimum of Command Control Centre Application/ Enterprise Integration platform, Dashboard, Video Wall or any viewing platform, Operation Room or helpdesk) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail/Utilities Corporations in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 marks would be awarded, maximum 4 projects</p>	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
65	I	34 35	2.3.18 Technical Evaluation Criteria TQ - 3.2	The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 10 Cr. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation)	There have been few Smart cities that are under implementation for CCC, Since it may turn out to be a restrictive clause. Kindly consider any one Selected Smart city(CCC) project as criteria for full marks. Request you to kindly ammend the clause as: "The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 10 Cr. (For one project 5 marks would be awarded)	No Change
66	I	37	Volume 1 , 2.3.18 Technical Evaluation Criteria; Note, pt no. 1	Any project experience shall be considered under only one category during technical evaluation.	Large scale IT/ICT project consists of many components, and timeline to implement each component is also large. Request you to kindly remove this clause.	No Change
67	II	34	Volume 2, 2.6	Command Control & Communication Center - Indicative number of userbase/concurrent users accessing the Data Center and other applications.	Reuquest authorities to provide the indicative userbase/ minimum number of concurrent users accessing C4 application to handle. Allows bidder/ SI to be efficient in compute & storage sizing.	No Change
68	II	35	Volume 2, 2.7	Data Center & Disaster Recovery Center - minimum bandwidth requirement.	Please provide minimum bandwidth requirement between on premise Data Center and Cloud Disaster Recovery site.	Bidder has to propose the bandwidth to meet SLA and other requirements mentioned in the RFP.
69	II	37	Volume 2, 2.7.2	Disaster Recovery & DR cloud - Point (b)	Request authorities to make correction for Cloud DC facility as Cloud DR facility as it is conflicting the statement mentioned in 2.7. We understand DC hosting space is provided within C4 building as On Premises Data Center.	DR on cloud is also a DC. Clause refers to that. There is nothing conflicting here.
70	II	146	Volume 2, 4.3.1	Technical specifications of Core router	Request authorities to provide minimum number of ports required for Core router as mentioned for Internet Router	No Change
71	II	149	Volume 2, 4.3.4	Technical specifications of Intrusion Prevention System	Request authorities to provide minimum number of ports required for IPS.	No Change
72	II	156	Volume 2, 4.3.8	Virtualization software requiremetn for Blade Servers - not mentioned in RFP	Minimum specifications of Virtualization Software is missing in the RFP (such as VM Capability, High Availability, VM Resource Addition, VM backup etc). Request to add the specifications for Virtualization software.	Blade servers mentioned in the price bid are physical machines. For additional server requirements, bidders can propose virtualization without compromising the SLAs to be met under this project.
73	II	193	Volume 2, 4.3.26	Enterprise Backup Software SLA's	Request authorities to elaborate on retention policy for backups, historical & transactional data availability and tentative size of data to be backedup at DC level.	Please refer to the data retention policy mentioned in the RFP.
74	II	154	Volume 2, 4.3.7 Server Hardware Load Balancer	8x1GbE copper ports, 4x1GbE SFP ports and 2x10GbE SFP+ ports.	4x1GbE copper ports, 4x1GbE SFP ports and 2x10GbE SFP+ ports.	No Change
75	II	155	Volume 2, 4.3.7 Server Hardware Load Balancer	Additional	Proposed solution should provide SSL offloading with the SSL connection and persistence mirroring during the HA failover	No Change
76	II	307	Volume 2, 5.2.3 Application Security	Additional but a must	Solution must be able to detect the presence of Remote Access Trojans (RATs) residing in the user's web browser.	No Change
77	II	308	Volume 2, 5.2.3 Application Security	Additional but a must	Solution should perform application layer encryption to protect user identity.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
78	II	309	Volume 2, 5.2.3 Application Security	Additional but a must	Solution should be able to encrypt the user credentials in real time so as to protect the credentials especially password/AADHAR number or any other sensitive parameter as defined by department to protect from key loggers and credential stealing malware residing in the end users systems.	No Change
79	II	310	Volume 2, 5.2.3 Application Security	Additional	Solution must have Geolocation IP address database to identify the source of the attack origin and IP Reputation Mechanism to identify the Blacklisted TOR Networks or Proxy IP address to Block the request immediately.	No Change
80	II	311	Volume 2, 5.2.3 Application Security	Additional	Solution should perform comprehensive countermeasure to protect against zero day attack, Challenge – Response Mechanism, which should be able to detect and protect attacks in real time through inbuilt Captcha Mechanism	No Change
81	I	32	PQ 6 Certifications	The Sole Bidder or any member of consortium should possess the following Certifications which are valid at the time of bid submission: • ISO 20000:2011 for IT Service Management • ISO/IEC 27001:2013 for Information Security Management System	Request RSCCL to consider ISO 20000:2011 for IT services management either/or ISO/IEC 27001:2013 for Information Security Management System	No Change
82	I	33	TQ 2.0	CMMi Level Certification (Sole Bidder or any member of the consortium)	Request RSCCL to remove this clause , many of organisations bidding are not IT services organisations and adding points under TQ will make give value addition	No Change
83	I		PQ 4 Project Experience	The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 1 (One) project as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence/Metro in India with project cost not less than INR 20 Cr in last 3 (Three) financial years (FY 2014-15, 2015-16, 2016-17)	Request RSCCL to consider project partially completed with scope asked rather than complete go-live project , as mostly smart city projects in country are new initiatives and bidders either contracted or partially completed them. Hence asking partially completed projects with command control is justified .	No Change
84	I	33	TQ 3.1	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 20 Cr (in case of projects in India) or INR 50 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 3 (Three) financial years (FY 2014-15, 2015-16, 2016-17). (For each project 5 points would be awarded, maximum 5 projects would be considered for evaluation)	Request RSCCL to consider one project under this point , as getting 5 projects to meet 25 marks points will not be possible for any SI and consortium due to this being new initiative from govt. of India. Please clarify , will RSCCL considering global projects done by Indian organisation and any MNC completed global projects .	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
85	I	34	TQ 3.2	The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 20 Cr. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	A. Request RSCCL to consider one project under this point and with partial complete acceptance B. Asked command control centre experience under this point is limiting to few of organisations who have implemented for selected smart cities in India. Request you to consider other municipal corporations , other state defined smart city projects which are not under listed 100 smart cities and lastly homeland security departments	No Change
86	I	35	Note	The Agency will be selected under the Quality cum Cost Based System (QCBS) with weightages on 70:30 (70% for technical proposal and 30% for financial proposal).	We request RSCCL to change the evaluation criteria to LCBS than QCBS (Current) for selection of MSI . We understand that the basis intent of RSCCL to have QCBS evaluation and kept 70% weightage to the Technical Score is to ensure that RSCCL receive quality bids. RSCCL can increase the minimal technical qualifying score to 80% from the current level of 70%. This will help bidders to focus more on optimising their solution which eventually will benefit RSCCL by getting good bids with best commercials without having to compromise on the envisaged quality. This will also help RSCCL to save exchequer which can be to the tune of 5 to 10%. This is huge in absolute value terms considering the size of the project .	No Change
87	I			The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 3 (three) financial years with the project cost not less than Rs. 20 Crores (For each project 2.5 points would be awarded, maximum 4 projects would be considered for evaluation)	We request RSCCL to change this clause only limiting to System Integration experiences	No Change
88	II	69	2.16.1 Project Implementation Schedule and Deliverables Payment Schedule Vol 2	2.16.1 Project Implementation Schedule and Deliverables Payment Schedule	As scope of work asked in RFP is large , we request RSCCL to increase the project delivery timelines to 18 Months	No Change
89	II	73	2.16.2 Payment Schedule	2.16.2 Payment Schedule	Due to cash flow negative with current payment terms , MSI cannot get organisational approval to participate , hence request RSCCL to reconsider suitable payment terms which be conducive to MSI and RSCCL. Following Below is recommended payment terms which can be used : Phase-1:Project planning 10% of TCV Phase 2: Delivery of Material: 35% of TCV Phase-3: Implementation: 15% of TCV Phase-3: AT & Go-Live: 10% of TCV Phase-4: O&M: Balance 30% Quarterly of the O&M period	No Change
90	II	13 356	2 Project Overview and Components & 5.7	4. ITMS c. ANPR system :: 50 Locations & 4. ITMS c. ANPR system :: 30 Locations	As per RFP, ANPR System is asked for 50 Location whereas under BOM, only 30 no. ANPR Cameras are asked. Since a single ANPR camera covers the lane of width 3.5 m approx., hence the requirement is not clear. Requesting you to clarify the requirement by mentioning the exact number of lanes at 50 locations and also please mention the IR Illuminator & LPU Qty. for ANPR system	Query reference not found in the RFP.
91	II	43	2.8.4	MSI shall install the RLVD Systems at identified traffic junctions (the final no. might vary based on field survey by MSI) across the city. This system shall capture the infractions of Red light, stop line violations, wrong left turn violations, wrong direction violations etc. at these junctions.	Kindly elaborate the "wrong left turn violations" requirement.	Please refer to RFP Volume II for more information.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
92	II	43 357	2.8.6 & 5.7	The bidder shall provide field units (tablets or similar) for collecting the accident data (First Information Reports), the data from which shall be transferred to CCCC platform & Traffic Accident Reporting System (TARS) a. Camera :: 15 Nos.	Under TARS, in SOW, tablet or similar field units are asked whereas in BOM at page 357, particularly Cameras are asked. Kindly clarify these points.	Please refer to the functional and technical requirements mentioned for TARS.
93	II	108	4.1.4	Height- 5-10 Meters (or higher), as-per-requirements for different types of cameras & Site conditions	Kindly specify exact quantities of poles of specific height. It will be difficult for the bidder to estimate quantities of poles of various heights as proper survey is not conducted yet.	Bidders have to carry out field survey to arrive at numbers.
94	II	107 110	4.1.3 & 4.1.6	Protection - IP66 / NEMA 4X & Junction box shall be weather proof to IP 65 as minimum.	Both the statements are contradictory. As per industry standards, Junction Box should be IP 55 rated and not IP 65/66. Request you to modify the clause	Query reference not found in the RFP.
95	II	140	4.2.4	Video Display Wall	Since Video wall can be LED / Laser based, kindly replace LED with LED / Laser	No Change
96	II	140	4.2.4	Dynamic contrast should be 1,200,000:1 or better	Request you to modify the clause to - "Dynamic contrast should be 1,000,000:1 or better"	No Change
97	II	142	4.2.4	A pedestal shall be provided to support the VDW. Pedestal shall be physically secured to the concrete floor of the building. Support structure shall be with a laminate finish. Support structure shall incorporate sound proofing to prevent noise penetration from the equipment into the command centre.	Request you to modify the clause as - "A pedestal shall be provided to support the VDW. Pedestal shall be physically secured to the concrete floor of the building"	No Change
98	II	144	4.2.6	Should be able to display visual content on any network attached display device	This is not a functionality of Video Wall Management Software. Request you to kindly delete the clause	No Change
99	II	145	4.2.6	KVM Support	This is not a functionality of Video Wall Management Software. Request you to kindly delete the clause	No Change
100	II	188	4.3.18	DG Set	Pls confirm that fuel charges will be borne by customer	Fuel charges shall be reimbursed to the successful bidder as mentioned in the RFP.
101	II	234	4.4.1.1.5	It shall be possible to interface the ATCS with a popular microscopic traffic flow simulation software for pre and post implementation analysis and study of the proposed ATCS control strategy & Shall provide a decision support tool for assessing strategies to minimize congestion, delays and emergency response time to events via simulation and planning tools linked with real time traffic data fusion and control of traffic signaling infrastructure on ground	Both these statements are contradictory. Please clarify whether ATCS solution with simulation software is required or whether ATCS software should have the capability to integrate with third party simulation software is as & when required. Simulation Software is provided by International ATCS OEMs & Indian OEMs do not possess these capabilities.	RFP clauses are self-explanatory.
102	II	254	4.4.2.1/Point No.83	VMS shall enable handling of 200 cameras, on day one, as well as future scalability up-to 2000 cameras as may be required	Pls clarify on "day one" requirements. We assume it is Phase I. Kindly clarify.	"Day one" is a standard term used in the industry.
103	II	272 281	4.4.4.1/Point No.7/F	The automatic number plate recognition Software will be part of the supplied system, Success rate of ANPR will be taken as 85% or better during the day time and 65% or better during the night time with a standard number plate. & The automatic number plate recognition Software may be part of the supplied system, or can be provided separately as add on module to be integrated with violation detection. a.) Success rate of ANPR will be taken as 80% or better during the day time and 60% or better during the night time on standard number plates.	There is a difference in Accuracy Percentage of ANPR. Request you to modify the clause to "Success rate of ANPR will be taken as 80% or better during the day time and 60% or better during the night time with a standard number plate	Query reference not found in the RFP.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
104	II	263 356	4.4.3.1 & 5.7	Local Server at Intersection: The system must run on a Commercial Off the Shelf Server (COTS). Outdoor IP 66 Quad core processor based server should be able to cover at least 8 lanes. Temperature rating of the server should be at least 60 degree. & 4. Surveillance System c. ANPR Camera :: 30 No.	Processing unit has its own working limitation and functionality. The LPU requirement should be as per site requirement and design. Hence, requesting you to remove this clause and mention the quantity under ANPR system requirement as "as per design and site requirement".	Query reference not found in the RFP.
105	II	265 275 285	4.4.3.2, 4.4.4.2, 4.4.5.2	l. Audio :: Audio Capture Capability, G.711, G.726	Audio functionality is not required in Speed Violation Detection system. Hence, requesting you to remove this clause	Query reference not found in the RFP.
106	II	265 275 285	4.4.3.2, 4.4.4.2, 4.4.5.2	Local storage :: Micro SDXC up to 64GB (Class 10) In the event of failure of connectivity to the central server the camera shall record video locally on the SD card automatically.....	Since ANPR & RLVD camera are connected with a Local Processing Unit or Remote Terminal Unit that has 1TB hardisk, hence, this feature for camera becomes irrelevant and may be removed for ANPR and RLVD cameras.	Query reference not found in the RFP.
107	II	266 278 287	4.4.3.2, 4.4.4.2, 4.4.5.2	The system should be capable of continuous video recording in base station for 7 days. The system shall automatically overwrite the data after 7 days. It should be noted that at any point of time the local storage at the base station should have the data of previous 30 days	Local Processing Unit (LPU) / Remote Terminal Unit (RTU) acts as a buffer storage in case of network failure, hence data including video for 7 days at local junction is sufficient. Requesting you to keep the storage capacity for 7 days only instead of 30 days.	Query reference not found in the RFP.
108	II	265 275 285	4.4.3.2, 4.4.4.2, 4.4.5.2	Operating Temperature :: 0 to 50°C temperature & Operating Temperature :: 0 to 60°C temperature	Operating temperature asked in ANPR and Speed Violation Detection System is 0 to 50°C temperature, whereas in RLVD system Operating temperature is 0 to 60°C. This seems to be a typo error and hence requesting you to change accordingly.	Query reference not found in the RFP.
109	II	267	4.4.4.1	One single installation system should consist of cameras out of which one camera should be an overview camera providing evidence of the violation by capturing the offending vehicle and status of the traffic light in the same field of view.	Under RLVD System, only ANPR camera specification is mentioned and Overview camera specs are not. We request you to incorporate the Overview Camera specifications	Specifications are mentioned in the RFP.
110	II	269	4.4.4.1	Free Left Violation :: The non-intrusive system should identify the violation where either the Free Left is blocked by other vehicles or violation.....	For Free Left Violation Detection, cameras are to be mounted separately from RLVD mounting and hence additional cameras will be required and approx one camera per lane will be added. Request you to modify the Price sheet accordingly.	Bidders have to estimate and quote cameras as per project requirement.
111	II	275	4.4.4.2	c. Frame Rate :: Min. 30 FPS	The frame rate asked in Speed Violation Detection (SVD) system is min. 60 FPS and since the RLVD system also has SVD feature, hence the frame rate should also be min. 60 FPS for RLVD Camera.	30 fps is the minimum requirement. Bidders can offer more as per their proposed solution.
112	II	279	4.4.5.1	Speed measurement may be made by using non-intrusive technology such as Radar / sensor / camera / virtual based or any other appropriate certified technology. CE and homologation certificate from Ministry of Traffic or equivalent department from respective country of origin, document authenticated by Indian Embassy (to authenticate that systems are legalized and tested for infractions to avoid legal issues) or Certificate from internationally accredited metrology laboratories (approved for speed calibration) is acceptable	Request you to allow the bidder to submit such certificate(s) along with its testing report to the TENDERER at the time of FAT and thereafter on an annual basis	No Change
113	II	284	4.4.5.2	Speed detection system to Capture speed - 200Kmph ± 5%	It is impossible to test such high speeds in Indian scenario. Request you to reduce the speed to 120 Kmph ± 5%	No Change
114	II	301	4.6	Battery - Internal Battery with different charging options (Solar / Mains)	Kindly clarify whether the bidder has to provide Solar Power solution along with PA System or not or should the provided system have the ability to integrate with Solar Power system	Query reference not found in the RFP.

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115	II	356	5.7	RLVD b. Camera with ANPR capability :: 120 No. c. Local processing unit :: 30 No. f. Overview camera :: 120 No.	RLVD system comprises of Overview camera and ANPR camera. Generally, for 2 lanes (each lane of width 3.5m approx.),1 Overview Camera and 2 ANPR cameras are used. Accordingly, for 120 Overview cameras, 240 ANPR cameras are required which will be used for 240 lanes(for each lane of 3.5 m, One ANPR camera is used).We request you to mention the locations along with arms & lanes details for exact number of camera requirement. Local processing units are as per design of individual technology OEM and hence should not be frozen to 30 Nos.	Query reference not found in the RFP.
116	II	General	General	C4 Layout plan	Kindly provide the C4 layout plan so that we can design the BMS including Access control, Fire suppression and other items like Airconditioning accordingly.	Area for C4 has been mentioned in the RFP.
117	II	13 356	2 Project Overview and Components & 5.7	4. ITMS c. ANPR system :: 50 Locations & 4. ITMS c. ANPR system :: 30 Locations	As per RFP, ANPR System is asked for 50 Location whereas under BOM, only 30 no. ANPR Cameras are asked. Since a single ANPR camera covers the lane of width 3.5 m approx., hence the requirement is not clear. Requesting you to clarify the requirement by mentioning the exact number of lanes at 50 locations and also please mention the IR Illuminator & LPU Qty. for ANPR system	Query reference not found in the RFP.
118	II	43	2.8.4	MSI shall install the RLVD Systems at identified traffic junctions (the final no. might vary based on field survey by MSI) across the city. This system shall capture the infractions of Red light, stop line violations, wrong left turn violations, wrong direction violations etc. at these junctions.	Kindly elaborate the "wrong left turn violations" requirement.	Please refer to RFP Volume II for more information.
119	II	44 357	2.8.6 & 5.7	The bidder shall provide field units (tablets or similar) for collecting the accident data (First Information Reports), the data from which shall be transferred to CCCC platform & Traffic Accident Reporting System (TARS) a. Camera :: 15 Nos.	Under TARS, in SOW , tablet or similar field units are asked whereas in BOM at page 357, particularly Cameras are asked. Kindly clarify these points.	Query reference not found in the RFP.
120	II	15	2.1 Components & Services Scope Overview of Vol-II	Provisioning of city wide network infrastructure on fibre optic underground/RF etc. on lease to RSCCL	As per clause , Bidder can consider RF connectivity as an alternate option where-in last mile on OFC not feasible.	Please refer to corrigendum-I to the RFP.
121	II	21	2.2 Component Architecture Vol-II	Security Information and Event Management (SIEM) monitoring on all Smart City networks, devices and sensors to identify malicious traffic.	Kindly provide the technical specs of SIEM & same need to be considered in Price bid format also.	As per RFP.
122	II	375	6.2.4 Infrastructure Security vol-II	Deploy web content filtering solutions to prevent threats from compromised websites to help identify and block potentially risky web pages;	As per the clause of the tender there is no WAF (Web Application Firewall) requirement defined which seems to be very important for data privacy and protection so that security for them is taken at par while working on public domain. We suggest department to look at WAF solution also to be a part of entire stack offering so that the security best practices are being followed when applications are hosted on public domain.	As per RFP.
123	II	376	6.2.4 Infrastructure Security vol-II	Install enterprise-level e-mail anti-security software to reduce vulnerability to phishing and other e-mail security spams. This would check both incoming and outgoing messages to ensure that spam messages are not being transmitted if a system becomes compromised.	Kindly provide the details of E-Mail solution & count of users(internal) & same need to be incorporated in Price bid format.	Please refer to Volume I of the RFP.
124	II	376	6.2.4 Infrastructure Security vol-II	Deploy network Intrusion Detection System (IDS) on the perimeter and key points of the network and host IDS to critical systems. Establish process to tune, update, and monitor IDS information.	IDS is obsolete technology that is replaced with IPS. Kindly replace IDS with IPS.	Query reference not found in the RFP.
125	II	154	4.3.7 Server Hardware Load Balancer	8x1GbE copper ports, 4x1GbE SFP ports and 2x10GbE SFP+ ports.	4x1GbE copper ports, 4x1GbE SFP ports and 2x10GbE SFP+ ports.	Please refer to Volume I of the RFP.

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126	II	154	Server Load Balancer	Additional	Proposed solution should provide SSL offloading with the SSL connection and persistence mirroring during the HA failover	No Change
127	II	154	Server Load Balancer	Additional	Proposed solution should support minimum 1M L4 HTTP request per second	No Change
128	II	154	Server Load Balancer	Additional	The solution should support MQTT Protocol for machine-to-machine connectivity protocol that helps these devices communicate and exchange messages	No Change
129	II	307	Application Security	Additional but a must	Solution must be able to detect the presence of Remote Access Trojans (RATs) residing in the user's web browser.	No Change
130	II	307	Application Security	Additional but a must	Solution should perform application layer encryption to protect user identity.	No Change
131	II	307	Application Security	Additional but a must	Solution should be able to encrypt the user credentials in real time so as to protect the credentials especially password/AADHAR number or any other sensitive parameter as defined by department to protect from key loggers and credential stealing malware residing in the end users systems.	No Change
132	II	307	Application Security	Additional	Solution must have Geolocation IP address database to identify the source of the attack origin and IP Reputation Mechanism to identify the Blacklisted TOR Networks or Proxy IP address to Block the request immediately.	No Change
133	II	307	Application Security	Additional	Solution should perform comprehensive countermeasure to protect against zero day attack, Challenge – Response Mechanism, which should be able to detect and protect attacks in real time through inbuilt Captcha Mechanism	No Change
134	II	307	Application Security	Additional	Solution should integrate with AD, LDAP, Radius, TACACS with inbuilt OTP mechanism for 2 Factor Authentication	No Change
135	I	17	2.2.2 Sub-Contracting	The MSI/Consortium Partners may subcontract/outsource the OEM services like system configurations, commissioning, product servicing and upgradation support during O&M period from OEMs only.	As most of the OEMs do not configure or commission the system themselves, Kindly modify the clause as: The MSI/Consortium Partners may subcontract/outsource the OEM services like product servicing and upgradation support during O&M period from OEMs only. The system configuration and commissioning can be done by MSI designated agency.	No Change
136	I	38	TQ 4.0 Proposed Key Personnel Team Evaluation Matrix	The RFP does not clarify whether the Key Personnel Proposed by the MSI in the Team Evaluation Matrix have to be on MSI/Consortium Partners Payroll or they can be from any 3rd Party Agency.	Kindly clarify.	As per RFP
137	I	22	Clause no 2.2.12, Tender Fee	RFP says that tender fees has to be in name of Ranchi Smart City Corporation Ltd, whereas on the E-tendering portal mentions that Tender Fee has to be in name of some other agency.	Kindly clarify.	Please refer Vol I of the RFP
138	I	35	Clause no: 2.3.18, Technical Evaluation Criteria, TQ 3.4	The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 7 (Seven) financial years with the project cost not less than Rs. 10 Crores. (For each project 2.5 marks would be awarded, maximum 3 projects would be considered for evaluation)	All Smart City projects cannot be realised without a DataCentre, but in the BOQs we dont have a specific Line Item as DataCentre, though our BOQ has all line items of components which constitute a data center. Request you to kindly modify this clause as: The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 7 (Seven) financial years with the project cost not less than Rs. 10 Crores. (For each project 2.5 marks would be awarded, maximum 3 projects would be considered for evaluation)	No Change

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139	III	20	12.5	All payments to MSI shall be subject to the deductions of tax at source under Income Tax Act, and other taxes and deductions as provided for under any law, rule or regulation. All costs, damages or expenses which RSCCL may have paid or incurred, for which under the provisions of the Contract, MSI is liable, the same shall be deducted by RSCCL from any dues to MSI. All payments to MSI shall be made after making necessary deductions as per terms of the Contract and recoveries towards facilities, if any, provided by RSCCL to MSI on chargeable basis.	Request you to confirm that Labour cess (BOCW) would not be deducted from our payments	Cess shall be deducted as per law.
140	I			General query	If we supply any intersate material, request you to confirm whether RSCCL would provide Road permit /Eway bill or any document in lieu of this if RSCCL is exempted from road permit /Eway bill	RSCCL shall not provide any road permit/eway bill etc.
141	III	37	38.3.2 Volume III	38.3.2. The MSI is expected to mobilize the team for commencement of work for this project within 14 days from date of issuance signing of Letter of Intent (LoI). Contract. In case of non-deployment of proposed resources are not mobilized,, a penalty of INR 40,000/- per proposed resource not deployed for each week's delay or part thereof/per week will be imposed.	Request to modify as follows: The MSI has to mobilize the team for commencement of work within 30 days of issuance of letter of intent. In case of non-deployment of proposed resources, a penalty of INR 40,000/- per resource /per week will be imposed.	No Change
142	I	79	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution form 3.10 to 3.33	There are many server numbers mentioned in BOQ.Do we need to quote all or it can be as per bidders design for all servers for all components	It should be as per bidder design and Lumpsum. Only one line item should reflect for server in RFP BOQ to avoid any ambiguity to manage high availability for items required to be quoted with quantity 1.	No change.
143	I	82	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution form 3.76 <u>Bandwidth</u>	Schedule B1 in OPEX is not aligned with CAPEX for Bandwidth.Aggregate bandwidth is not required for backup as per OPEX but is mentioned in CAPEX and for Internet lease line and its backup mentioned in OPEX but not in CAPEX	Please provide more clarity and correct OPEX and CAPEX for bandwidth in Price Bid. Capex and opex lines items should be same	Format is self-explanatory.
144	I	88	Schedule A2 and Schedule A3- Network <u>ruggedised Switch</u>	For ITMS, Environmental sensor and Smart Parking Network Switch mentioned at separate places.Can we use same network switch for ITMS and Smart Parking system wherever possible.	Please correct price bid format or please confirm the usage of same switch for different type of traffic.	Bidders have to quote prices for line items mentioned in the price bid.
145	I	80	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution form 3.37 & 3.38	Storage Primary and Storage Secondary	Storage quantity should be as per bidder design and primary and secondary storage should be combined for solution & cost effectiveness.	Bidders have to quote estimated capacity for primary and secondary storages as per their design to meet the data retention policy mentioned in the RFP Volume II.

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146	I	83	Schedule A1 - Command Control & Communication Centre Solution & Data Centre Solution form	Schedule A - Summary of Commercial Bid (CAPEX)- Data Recovery Centre 3.71 Servers 3.72 Storage 3.73 Bandwidth Setup 3.74 DC-DR License	Kindly confirm the payment for following commercial line item (Cloud based DR) will be achieved 30% in capex form as per the payment terms mentioned in 1) "2.16.2 Payment Schedule" and OPEX part of the following section will be paid in twenty (20) equal quarterly instalments spread across 5 years Post Final Go-Live." OR 2) RSCCL will make entire payment for cloud services on OPEX model i.e in twenty (20) equal quarterly instalments spread across 5 years Post Final Go-Live . If RSCCL is going to make entire payment for Cloud services on Opex model,We request RSCCL to remove this following line items from CAPEX table and include them in OPEX commercial table	One time costs for setting-up DR infra for this project has been asked under CAPEX. Cost for regular consumption of services of DR infra has been asked under OPEX.
147	I		Schedule B1 -Internet Bandwidth and Leased Circuit Cost	Additions	In case DC completely fails, do we need to consider internet Lease Line (1:2) at DR without video data and wifi, pl. clarify	Internet bandwidth along with back internet line should be sufficient to run the required set-up in case of DC failure.
148	I	101	Schedule B1 -Internet Bandwidth and Leased Circuit Cost	BOQ - B1, 20 Mbps Internet Bandwidth for public Wi-Fi (other than bandwidth mentioned at point 3 and 4 above) - 50 Locations	a. We understand that this is applicable to 2 & 3 instead of 3 & 4.Pl. confirm. And separate 1 gbps internet link with backup to be considered as part of bid proposal for wifi solution. B. Pl. clarify if we need to consider separate wifi network?	a. Please read "other than bandwidth mentioned at point 3 and 4 above" as "other than bandwidth mentioned as point 2 and 3 above". A separate 1 (one) Gbps internet bandwidth(1:1) has to be considered for Wi-Fi. B. This should be as per bidders network design.
149	I	101	Schedule B1 -Internet Bandwidth and Leased Circuit Cost	BOQ - B1, Aggregate leased circuit bandwidth at DC (from field locations to DC) - 5 Gbps	Bandwidth capacity should be left to bidder design for effective solution	No Change
150	I	101	Schedule B1 -Internet Bandwidth and Leased Circuit Cost	BOQ - B1, Leased circuit (as per requirement at locations for ITMS, Parking, ECB, PA, Variable Message Signage etc.) termination at field locations - 100 locations	a. We understand that these 100 locations will cover all components of smart city including offices, parking, environmental sensor and ITMS and locations for Wi-Fi only will be separate, pl. confirm b. In addition, pl. confirm location with qty for offices. c. Do we need to provide internet or intranet network for offices, pl. clarify	a. Yes, 100 no. covers all location for field equipments/offices for intranet/internet termination and locations for Wi-Fi are in addition to these 100 locations b. Shall be shared with the successful bidder C. Both.
151	I	101	Schedule B1 -Internet Bandwidth and Leased Circuit Cost	BOQ - B1, MPLS line between DC & Cloud DR - 1 no.	Pl. clarify, if redundancy to be considered for DC and DR link, this should be 2 nos	No change in the BoQ. Bidders have to meet the SLA requirements.
152	II	15	Provisioning of City wide Network backbone within the city and the greenfield site	Integration with proposed network for Video Surveillance Project and JharNet 2.0 network	Will DC for both these projects already established and do we just need to establish connectivity between these DC and New DC proposed in this project or those DC will be colocated.We assume that connectivity is considered under aggregate bandwidth for pan city infrastructure for the same and if not please clarify the same	Only connectivity has to be provided for sharing video feeds and other data communications required under the project.
153	II	26	2.5.1 Office Interior Spaces and IT Infrastructure	MSI shall also develop the office interior spaces as per the department requirements.	Please elaborate how many department are there and how many rooms needs to be built.We also assume that this is limited to CCCC, office & DC	Total floor area allocated for this project is 20,000 sq. feet. Layout shall be finalized with the successful bidder.
154	II	36	2.7.1 Data Centre Topology Overview	In network diagram link to JSDC & other Jharkand cities are shown	As per this RFP scope we do not have to envisage these links and only if required should give port for connectivity. Bandwidth cost for these is not RFP BOQ scope	Yes.

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155	II	37	2.7.2 Disaster Recovery and DR Cloud	DR [minimum 30% production capacity,	Please confirm that it means we have to factor 30% of full capacity for all applications only .Please elaborate what all applications/systems will be required on DR	Accept video data, all applications shall be replicated to DR.
156	II	51	2.9.1.2.6 Internet Bandwidth at C4, Data Center and all field locations	RSCCL is procuring bulk internet bandwidth for the requirement of various locations throughout the city. MSI is required to terminate these links at the desired locations defined as per the price bid format of this RFP.	Please confirm that Internet bandwidth is only required for wifi locations only	Internet bandwidth termination would be required for Wi-Fi locations along with a few offices of RSCCL.
157	II	55	NMS	Automatically discovers SNMP-enabled network devices & typically deploys in less than an hour	Only network devices or all snmp devices including camera needs to be considered	This refers to all devices attached to the network.
158	II	57	2.9.1.2.10 Rate Contract	It has been observed that there is a considerable price reduction in cost of Domestic and Internet bandwidth during last few years. Hence, RSCCL will review the prices at end of every year and MSI is required to match the prevailing market prices as per TRAI regulations. Adding new location – whenever a new location is decided to be added by the RSCCL, an order will be placed with MSI at the contracted price. MSI shall carry out site-survey at new location for feasibility of location over wired connectivity. MSI would be required to implement and commission the location within 2 weeks from the date of work order.	Its part of Opex cost wherein Rates are fixed for 5 years. ISP prices are valid for 5 years tenure and ISP may not agree to reduction of prices. Request you to please remove this clause as its one sided. We understand that any new location will added per unit rate, pl. confirm	New locations shall be added on per unit rate basis if the quantity exceeds the number mentioned in the RFP.
159	II	37	2.7.2 Disaster Recovery and DR Cloud	Cloud services should be accessible via Internet, Point to Point / MPLS, Leased Lines, OFC WAN etc.	We understand that Video & wifi data is not required to be factored in DRC, pl. confirm	Video data are not to be factored at DR site.
160	II	37	2.7.2 Disaster Recovery and DR Cloud	Cloud services should be accessible via Internet, Point to Point / MPLS, Leased Lines, OFC WAN etc.	Please clarify whether DC-DR connectivity will be on MPLS or we can provide it on Internet also	DC-DR connectivity has to be on MPLS line.
161	II	3`3	Annexure III- Common guidelines regarding compliance of systems/equipment -	22. All licenses should be in the name of the RSCCL.	Since the DR has been demanded on 3rd party Meity empaneled CSP. CSPs provides SPLA licenses and entire DR environment will be provided as a service to RSCCL. Hence,we can't transfer or can't provide any software licenses deployed at DR site in the name of RSCCL. Kindly confirm this clause is not applicable for DR site infra.	Any license purchased by the successful bidder shall be in the name of RSCCL. However since DR environment shall be proposed as a service, infrastructure deployed by CSP shall not be transferred to RSCCL.
162	III	17	Transfer of Ownership	Transfer of Ownership	Since the DR has been demanded on 3rd party Meity empaneled CSP. CSPs provides SPLA licenses and entire DR environment (i.e Hardware and Software) will be provided as a service to RSCCL. Hence,we can't transfer or can't provide any software licenses or hardware deployed at DR site in the name of RSCCL. Kindly confirm this clause is not applicable for DR site infra. In addition Bandwidth will be procured from TSP hence not applicable for bandwidth	Point addressed above.
163	II	50	Leased Circuit WAN (Internet & Intranet, Last Mile Connectivity):	Additionally, MSI shall also be responsible for providing connectivity for the sites which the RSCCL intends to cover over the contract period, as and when the RSCCL feels the needs.	We understand that locations will be limited to scope of work for this RFP and total locations will be 100 only. Pl. confirm	100 locations plus 50 locations for Wi-Fi.
164	II	51	2.9.1.2.7 Redundancy	As a measure of redundancy remote locations, CCCC, DC & between DC & DR site connected through Leased Circuits should have redundancy in place to meet necessary SLA requirements.	Links will be redundant for internet for CCCC& DC and connectivity between DC & DR site only.Please confirm	Yes.
165	II	127	4.2.3 Contact Centre	The contact center solution shall include VoIP based EPBAX, IVRS, Automatic Call Distribution (ACD), Voice Logger Server among other hardware and software. Using the contact center solution, citizens can contact city administrator through the emergency communications system or through the contact center helpline number.	Pl. clarify if Contact center to be integrated with C4 application and for same CAD platform to be proposed which will help operator to send disptaches to resp. departments. If no, tickets will be raised manually.	As per RFP.
166	II	136	4.2.7	NVIDIA Quadro 4 GB DDR5 Graphics card with OpenGL or higher	2 GB graphics card is sufficient & effective for visulaization, pl. allow	No change

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167	II	156	4.3.8	Memory - Server should have at-least 8 GB per core DDR4 memory @1066 MHz or higher. After populating DIMMs, Each blade server should have 100% free memory DIMM slots remaining for future expansion	4 GB per core is sufficient & effective for any smart city application, pl. allow	No Change
168	II	105	Network Switch Ruggedised	Dual-stack IPv4/IPv6 management,	Please remove the same as this is for L2 feature switch	No Change
169	II	15	2.1 Components & Services Scope Overview	5. Provisioning of City wide Network backbone within the city and the greenfield site a) Provisioning of city wide network infrastructure on fibre optic underground/RF etc. on lease to RSSCL	As per clause 2.9.1.2.12 Technical Specifications a. Leased circuit: The bandwidth must be provisioned on Optical Fiber Media. No other last mile media type is acceptable. We understand that MSI has to mandarily need to consider Optical fibre connectivity only and no RF is acceptable, pl. confirm	Bidders have to propose underground Optical fibre connectivity only and RF shall not be acceptable. Please read the clause "a) Provisioning of city wide network infrastructure on fibre optic underground/RF etc. on lease to RSSCL" as "a) Provisioning of city wide network infrastructure on fibre optic underground on lease to RSSCL"
170	II	23	2.3.6 Earthing System	2.3.6 Earthing System All electrical components are to be earthen by connecting two earth tapes from the frame of the component ring and will be connected via several earth electrodes. The cable arm will be earthen through the cable glands. The entire applicable IT infrastructure i.e. signal junction or command centre shall have adequate earthing. Further, earthing should be done as per Local state national standard in relevance with IS standard.	We understand that MSI to make provision of two earth pits per location/ Junction and UPS will be connected using 2 earth strips whereas remaining all components will be connected using single earth wires. Pl. confirm	Yes.
171	II	35	2.7 Data Centre and Disaster Recovery Centre	MSI may propose Data Centre Virtualisation solution for price discovery	Request you to please add additional line item for virtualization so that MSI and quote if required	No Change
172	II	49	2.9.1.2.2 Network Architecture	Further all the Leased Circuit coming to its respective office should be terminated as a single Ethernet drop/port and should not be configured with separate Ethernet connectivity from each remote location, at zonal side of connectivity, for each respective ward or remote location.	We understand we need to consider L3 switches per office location. Pl. confirm	Bidders don't have to consider L3 switches for office locations.
173	II	248	4.4.7 Network Video Recorder (NVR)	Network Video Recorder (NVR)	As per latest technology, Video management and Video recorders has similar pre-requisites for hardware specifications therefore both the applications can be deployed in same type of server machines. To maintain the uniformity in solution and effective maintainance, we request you to please keep only blade server specifications and remove NVR specifications from RFP.	No change
174	II	259	4.8.1 Functional Requirement of SPMS	9. Vehicle and License Plate Image Capture - For off-street, Solution shall have capability to automatically capture details of the license plates of the vehicles at every entry and exit of each parking lot. Appropriate cameras shall be installed at entry and exit of each Parking Lot.	Request you to pl. specify the no. of off street parking so that we can consider corressponding ANPR cameras.	As per RFP.
175	II	312	6 Annexure III- Common guidelines regarding compliance of systems/equipment 6	7. MSI should ensure that only one make and model is proposed for one component in Technical Bid for example all Field cameras must belong to a single OEM and must be of the same model etc.	We understand that make and model for different line item could be different and bidder is allowed to consider appropriate make and model for each line item meeting specifications. Pl. confirm	As per RFP

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176	II	222	4.4.2.3 Pan, Tilt and Zoom cameras (PTZ)	7. Lens# Auto-focus, 4.7 - 94 mm (corresponding to 20x)	pl. allow for 4.7 - 94 mm/ 20x/30x	No Change
177	II	223	4.4.2.3 Pan, Tilt and Zoom cameras (PTZ)	20. Field of view Shall have at least 70 degrees field of view (horizontal)	pl. allow for ANGLE OF VIEW 60-70 degrees	No Change
178	II	221	4.4.2.2 Outdoor/Fixed Box cameras (High Definition)	14. Audio Capture Capability	Already IP based PA system is asked as per RFP for the announcement at the junction, this feature can be removed since its duplicating the requirement	No Change
179	II	255	4.6 Public Address (PA) System	VoIP should have an output power of minimum 60W (RMS)	Do we need to consider 60 W or 200W amplifier, pl. clarify	Please see the RFP for more details.
180	I	80	BOQ - A1, 3.37 & 3.78 Primary & Secondary Storage capacity	Primary storage 300 TB Secondary storage 500 TB	Pl. combine for both storage for solution effectiveness and increase storage capacity to 1.5 PB since storage asked is more than 90 days for all applications. Major is video data which requires more storage capacity. It will help to baseline prices.	No Change
181	I	87	BOQ - A2, 5.3 Voip/ amplifier	As per RFP BOQ, VoIP/Amplifier with Builtin Digital Signal Processor - only 10 nos asked however total locations as per RFP Volume 2 page 13 is 50 nos	Pl. clarify the quantities	Bidders have to quote against the quantity mentioned in the RFP.
182	I	90	BOQ - A3, 1.1. Camera Based Sensors parking sensors	As per specifications in Volume 2, page 260, The on-street parking sensor shall be based on non-intrusive technology, preferably geomagnetic/ camera based sensors	We understand that bidder can propose any option, pl. clarify	Bidders have to propose items mentioned in the price bid.
183	I	86	BOQ - A2, 2.1, Speed detection cameras. Location 10 nos	As per site survey, cameras qty should be 26 nos	Pl. clarify do we need to consider 10 cameras or 26 nos?	SVD system shall be installed at 10 locations covering 2 lanes in one direction with complete subcomponents. Bidders have to estimate cameras to meet this requirement.
184	I	79	BOQ - A1, Blade servers	3.10, Blade server for Video Management 3.14, Blade server for Video Management System 3.16, Network Video Recorder	As per latest technology, Video management and Video recorders has similar pre-requisites for hardware specifications therefore both the applications can be deployed in same type of server machines. To maintain the uniformity in solution and effective maintainance, we request you to please keep only blade server specifications and remove NVR specifications from RFP. In addition, there is duplication of Video management servers in line 3.10 and 3.14, request you to pl. remove one	Query addressed above.
185	I	77	BOQ - A1, 1.27 - ECB Controller		We understand its console, pl. clarify	Please read "ECB Controller" as "ECB Console".
186	I	77	BOQ - A1, 1.27 - PA System Operator Cosole		It has to be 2 nos for redundancy. Please confirm.	No change.
187	I	79	BOQ - A1, 3.10 - Blade server for various systems,	General	We understand that Blade servers are physical and separate server machines, pl. clarify?	Blade servers mentioned in the price bid are physical and separate server machines.
188	I	77	BOQ - A1, 1.26 - Split Air Conditioner 2 Ton (5 star energy efficiency rating)	As per RFP, Vol2, 2.5.1 Office Interior Spaces and IT Infrastructure 1. It is proposed that MSI shall provide the IT hardware infrastructure at the DC for successful operations of the systems. The CCCC, Office Space and Smart DC has been envisaged to be established in an approximate area of 20000 Square Feet at New Smart City Offices, Ranchi.	We understand that split AC will cater to the requirement of complete area 20000 sqft except DC. Therefore to cater the requirement of 20000 sqft we need min. 100 split units of 2TR, request you to pl. correct the qty.	20,000 sq. feet shall have space for Data center, UPS room, C4 room etc. Quantity mentioned for split AC has taken this into consideration. Bidders have to quote price for the asked quantity.

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189	I	82	BOQ - A1, 3.69 - Enterprise GIS (for fully populating servers proposed for the line item)	As per vol2, page 42, MSI shall undertake detail assessment for integration of the Surveillance System with the Geographical Information System (GIS) so that physical location of cameras are brought out on the GIS map. Bidder is required to carry out the seamless integration to ensure ease of use of GIS in the Surveillance System Applications/ Dashboards in Command Control Centres. GIS Base Map shall be supplied and integrated by the MSI at 1:1000 scale or better with all surveillance cameras located on the map apart from the updated map of all buildings, utilities and roads. Field survey needs to be done by the MSI. Bidder is required to update GIS maps from time to time	a. There is no line item for Ranchi city GIS base map 1:1000 scale considerations, pl. include b. We understand that GIS platform will be deployed with hardware 40 core in redundancy, pl. clarify	a. The base map shall be Google maps or similar quality. Bidders have to supply and integrate the same with C4 platform and other components. RSCCL may also decide to provide it's map, if available at the time of implementation, to the MSI. In this case, google maps shall not be procured from the MSI. b. Bidder have to fully populate the servers for that particular line items.
190	I		General		We understand that system applications will not necessarily duplicate all functionalities derived out of individual system applications however should be able to achieve overall functionalities with the help of C4 application by integrating individual system application for city wide operation. Kindly confirm	Reference to duplicate functionalities have not been provided in the query.
191	II	211	4.4.2.1 Functional Requirement - Surveillance System	VMS shall support integration with the ANPR application.	We understand that ANPR & RLVD cameras integration with VMS is required for video data storage? Pl. confirm	Integration with ANPR, RLVD and SVD & Surveillance application is required for data storage also.
192	II	270	Vol 2 section: 4.10.1 : Web Portal	Integration with other applications: Different existing and future applications/modules shall have to be seamlessly integrated with the portal. It is envisaged that GIS and the proposed systems shall work in an integrated manner to allow RSCCL to extract maximum benefits from the system.	Kindly provide the list of existing application as well as future application with details like specification and technology to be integrated	Details shall be shared with the successful bidder.
193	II	270	Vol 2 section: 4.10.1: Web Portal	A clean, visually compelling home page that quickly conveys to the visitor, the RSCCL's mission and what RSCCL does. It will include (but not limited to) the following information either directly or linked through other pages:	1) As here it is mentioned about online servicing listing (e-governance services) kindly clarify whether it is just an hyperlink that will redirect to the application or the services include workflow/end to end process automation.	Integration of existing application shall be restricted to providing services from the app/portal and not implementing workflows/process automation for that particular domain.
194	II	270			2) kindly provide the list of services that shall be delivered through this web portal	Services offered by RSCCL along with Ranchi Municipal Corporation (through integration).
195	II	20		- Online Services listing (e-governance services)	3) If the services include workflow management, kindly confirm the usage of digital signature or e-signature and who will procure the same.	Addressed above.
196	II	176	Centralised Antivirus & Anti-Spam Solution	Point 18 d: Should Secure through unique browser virtualization, heuristic anti-phishing and malware site detection	Please remove this clause as this is vendor specific feature, same functionality is anyway met through the overall proposed security solution	No change.
197	II	177	Centralised Antivirus & Anti-Spam Solution	Point h: Should Support Centralized Browser Security Event Logging & Reporting	Please remove this clause as different solution are asked in this section to meet the requirement.	No change.
198	II	76	Centralised Antivirus & Anti-Spam Solution	Point 18 b: Should Provide a dual browser mode that segregates corporate data from the Internet	Please remove this clause, as data segregation need to be controlled at proxy end	No change.

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199	II	20	Section 2.3	Cybersecurity guidelines issued by MoUD for smart cities (K-15016/61/2016-SC-1) would need to be adhered to by MSI.	Minimum Requirements: firewalls, intrusion detection & intrusion prevention systems, Web Application Firewalls, Behavioral analysis systems for anomaly detection, Correlation engine, Denial of Service prevention device, Advanced Persistent Threat notification mechanism, Federated identity and access management system, etc. .BOQ for Cyber Security is not adequately mentioned in RFP so please include in BOQ and also provide technical specification for all components like DDOS,APT,WAFif needs to be included.	Bidder has to quote prices for line items mentioned in the price bid.
200	II	177	Gateway Security	Gateway Security	Many features are related to UTM and as it gateway,it should be on Firewall or before Firewall.Please clarify that bidder can provide as per best practices	No Change
201	II	221	Vol-2 4.4.2.2 Outdoor/Fixed Box cameras (High Definition)	15. Local Storage :: Minimum 64 GB Memory card in a Memory card slot	Since ANPR,RLVD and Speed cameras are connected with LPU that has 1TB hardisk, hence, this feature for camera becomes irrelevant and may be removed for ANPR, RLVD and Speed cameras.	No Change
202	II	227	Vol-2 4.4.3.2 Technical Specifications: ANPR Systems	m. Local storage :: Micro SDXC up to 64GB (Class 10) In the event of failure of connectivity to the central server the camera shall record video locally on the SD card automatically.....		No Change
203	II	235	Vol-2 4.4.4.2 Technical Specifications - Red Light Violation Detection Systems	m. Local storage :: Micro SDXC up to 64GB (Class 10) In the event of failure of connectivity to the central server the camera shall record video locally on the SD card automatically.....		No Change
204	II	243	Vol-2 4.4.5.2 Technical Specifications: Speed Violation Detection System	m. Local storage :: Micro SDXC up to 64GB (Class 10) In the event of failure of connectivity to the central server the camera shall record video locally on the SD card automatically.....		No Change
205	II	230	Vol-2 4.4.4.1 Functional Requirements - Red Light Violation Detection System	l. Speed Violation :: The nonintrusive system shall be capable of measuring speed of vehicles and capture over speed vehicles.....	We request you to incorporate Speed Accuracy i.e. +/- 5% and certification by any certified govt. agency in RLVD system which has speed feature which is also asked in Speed Violation Detection system asked in RFP.	No Change
206	II	230	Vol-2 4.4.4.1 Functional Requirements - Red Light Violation Detection System	k. Free Left Violation :: The non-intrusive system should identify the violation where either the Free Left is blocked by other vehicles or violation.....	For Free Left Violation Detection, cameras are to be mouted separately from RLVD mounting and hence additional cameras will be required and approx one camera per lane.	Bidder has to provision cameras to meet the requirement.
207	II	228	Vol-2 4.4.3.2 Technical Specifications: ANPR Systems	8. The system should capture standard vehicle's number plates with an accuracy of at least 80% at day time and at least with an accuracy of 60% at night time. (On basis of number of vehicles)	We request you to keep overall reading accuracy be 80% on all vehicles including two & four wheelers, which is visible by human eye for English Alphanumeric number plates excluding cursive fonts.	No Change
208	II	232	Vol-2 4.4.4.1 Functional Requirements - Red Light Violation Detection System	f. The automatic number plate recognition Software will be part of the supplied system, Success rate of ANPR will be taken as 80% or better during the day time and 60% or better during the night time with a standard number plate.		No Change
209	II	239	Vol-2 4.4.5.1 Functional Requirements of the Speed Violation Detection System	f. The automatic number plate recognition Software may be part of the supplied system, or can be provided separately as add on module to be integrated with violation detection. a.) Success rate of ANPR will be taken as 80% or better during the day time and 60% or better during the night time on standard number plates.		No Change

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210	II	312	Vol-2 7 Annexure III- Common guidelines regarding compliance of systems/equipment	7. MSI should ensure that only one make and model is proposed for one component in Technical Bid for example all Field cameras must belong to a single OEM and must be of the same model etc.	As PTZ camera, fixed box camera, Speed ANPR Camera and ANPR cameras are different in many aspect and different makes offer different functionalities. Hence, requesting you to remove this clause.	One make and model is to be proposed for each line item e.g. for PTZ camera only one make and model has to be proposed similarly for ANPR, RLVD, SVD, Fixed box camera, Overview Camera etc.
211	II	238	Vol-2 4.4.5.1 Functional Requirements of the Speed Violation Detection System	4. Speed Speed measurement may be made by using non-intrusive technology such as Radar/sensor/camera/virtual based or any other appropriate certified technology. CE and homologation certificate from Ministry of Traffic or equivalent department from respective country of origin, document authenticated by Indian Embassy (to authenticate that systems are legalized and tested for infractions to avoid legal issues) or Certificate from internationally accredited metrology laboratories (approved for speed calibration) is acceptable	Since the speed violation is a prosecution, hence speed measurement should be authenticated by certified government Lab. At page 238, the certification is asked by authenticated Lab but at page 242, self certificate is asked which is contradicting with the point mentioned in functional requirement. Requesting you to remove the later point mentioned in technical specification of speed system.	Bidders have to provide CE and homologation certificate from Ministry of Traffic or equivalent department from respective country of origin, document authenticated by Indian Embassy (to authenticate that systems are legalized and tested for infractions to avoid legal issues) or Certificate from internationally accredited metrology laboratories (approved for speed calibration) is acceptable.
212	II	242	Vol-2 4.4.5.2 Technical Specifications: Speed Violation Detection System	5. Speed c. Speed Threshold :: (Vendor should provide manufacturer Threshold certificate/ third party test report in support of their claim)		Self-certification from OEMs shall not be acceptable.
213	I	31	2.3.17 PQ4	The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (Two) project as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) OR Intelligent Traffic Management System (ITMS). Project for any Central Government / State Government/PSU/ ULB/Govt. Boards/Defence /Metro in India with project cost not less than INR 10 Cr in last 7 (Seven) financial years.	The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW as per Contract Agreement of 1 (One) project as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) OR Intelligent Traffic Management System (ITMS) / City Surveillance. Project for any Central Government / State Government/PSU/ ULB/Govt. Boards/Defence /Metro in India with project cost not less than INR 10 Cr in last 7 (Seven) financial years.	No Change
214	I	33	2.3.18 TQ1.1	The Sole Bidder or Lead Member in case of Consortium should have minimum average annual turnover* of Rs. 200 Cr for the last 3 financial years (2014-15, 2015-16, 2016-17) from the business area of ICT Infrastructure / IT System Integration Services. (*Turnover of only 100% subsidiary will be considered but parent, associated or other r e l a t e d entity will not be considered.) Points shall be awarded on pro-rata basis (the range is from 200 crores to 600 Crores and for 200 Crores- 0 mark and 600 Crores and Above-10 Marks) For Example: If Turnover of a company is INR 300 Crores. Point = (300-200)*10 / (600-200) = 2.5 # Turnover above INR 600 Crores will score maximum of 10 marks	We request you to include the below clause "in case of Consortium, Combined 3 year Average turnover of all Consortium Partners." will be considered	No Change
215	I	34	TQ 2.0	CMMi Level Certification (Sole Bidder or any member of the consortium)	We request you to consider ISO 20000 and ISO 27001 in marks allocation	No Change
216			TQ 2.1	CMMi Level 3	CMMi Level 3+ISO 20000+ISO27001 - 5 Marks	
217			TQ 2.2	CMMi Level 5	CMMi Level 5 - 5 Marks	

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218	I	35	2.3.18 TQ3.1	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall, Operation Room) Project as a System Integrator for any Central Government/ State Government/ PSU/ Urban Local Bodies/ Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 marks would be awarded, maximum 4 projects would be considered for evaluation)	We request you to also consider projects involving ITMS / City Surveillance / Emergency Response Centre / Security Surveillance Control room..	No Change
219	I	35	2.3.18 TQ3.2	The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 10 Cr. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	Smart Cities in India have been awarded only during past 1 year and only 2-3 bidders are executing these projects. this clause is very restrictive and may please be amended as below. The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre / ITMS / City surveillance, for Govt or Private Clients in India or Globally (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	No Change
220	I	35	2.3.18 TQ3.3	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement in implementation & maintenance of any ITMS (Intelligent Traffic Management System) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years with project cost not less than Rs. 10 Cr. Project for Metro rail corporations or Railways wouldn't be consider for technical evaluation in this category. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW as per Contract Agreement in implementation & maintenance of any ITMS (Intelligent Traffic Management System) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	No Change
221	I	35	2.3.18 TQ3.4	The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 7 (Seven) financial years with the project cost not less than Rs. 10 Crores (For each project 2.5 points would be awarded, maximum 4 projects would be considered for evaluation)	The Sole Bidder or any member of the consortium should have completed project for Implementing and managing data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards / Private Clients in the last 7 (Seven) financial years.. (For each project 5 points would be awarded, maximum 2 projects would be considered for evaluation)	No Change

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222	I	33	TQ 1.1	The Sole Bidder or Lead Member in case of Consortium should have minimum average annual turnover* of Rs. 200 Cr for the last 3 financial years (2014- 15, 2015-16, 2016-17) from the business area of ICT Infrastructure / IT System Integration Services. (*Turnover of only 100% subsidiary will be considered but parent, associated or other r e l a t e d entity will not be considered.) Points shall be awarded on pro-rata basis (the range is from 200 crores to 600 Crores and for 200 Crores- 0 mark and 600 Crores and Above-10 Marks) For Example: If Turnover of a company is INR 300 Crores. Point = $(300-200)*10/(600-200)= 2.5$ # Turnover above INR 600 Crores will score maximum of 10 marks	This clause should be amended to allow companies that have technical capability to deliver the scope and services as per the prescribed technical & quality specification. The current range of scoring has restricted the scope to only few selected companies hence, not allowing a healthier competition and better choices. Change as required "Combined Average Turnover from "Specific Business Areas" as mentioned below for Sole bidder / consortium over the last three Financial years. In case of sole bidder 100% turnover to be from sole bidder." *Note turnover criteria for 600 Crore from specific business area is high and limited to very specific companies in India. This needs to be relaxed to 400 Cr.To allow better competition both from technology and cost standpoint and allowing best of the technology to be considered for implementation of Smart City in Ranchi	No Change
223	I	35	TQ 3.3	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement in implementation & maintenance of any ITMS (Intelligent Traffic Management System) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years with project cost not less than Rs. 10 Cr. Project for Metro rail corporations or Railways wouldn't be consider for technical evaluation in this category. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation)	1. Project cost should be changed from 10 Cr to 2 Cr. Since not all the ITMS project will have full scope. Every city has different vision and scope of work thus limiting the competition to only few solution partners. Thus limiting the choice of better technology and restricting the MSI on very few choices. Also, this is a new concept in India and there are very few companies with such a large value project. ITMS should also consider consolidated value of RLVD, SVD, Traffic enforcement management system, VMS, Call Box etc. 2. Ranchi has significant scope for smart parking as well. An advantage for companies with background in Smart Parking should also be considered. Please consider ITMS Or Smart Parking project experience. 3. Request to add Traffic enforcement Management SYstems experience of bidder. <u>Clause should be added to TQ criteria</u> Since Surveillance is major component in the project , consideration for the bidders expereince in surveillance implementing Smart city project should be given due consideration. Clause to consider experience in surveillance should be added.	No Change
224	I	35	TQ 3.4	The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 3 (three) financial years with the project cost not less than Rs. 10 Crores (For each project 2.5 points would be awarded, maximum 3 projects would be considered for evaluation)	Request to change the clause from Sole bidder or any member or consortium to OEM proposed by Bidder. There are not too companies in India who have done this. By including this condition this tender is restricting competition to only couple of companies which should not be the criteria. Also this tender does not allow multiple consortium which even makes it more difficult to select and offer the best in class provider	No Change
225	I	34	TQ 3.2	The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 10 Cr. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	This clause is favouring only 1-2 companies. Smart City in India started in year 2015. Since then only few cities have started implementation or have awarded contract for implementation. Smart City in India specific clause should be removed and the Command and control center experience as a whole should be considered for implementations in India or Abroad.	No Change

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226	I	34	TQ 3.1	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go- Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 points would be awarded, maximum 4 projects would be considered for evaluation)	This clause is contradicting the clause 3.2 in terms of Marks allocated for each project . hence request to amend the clause with implementing Command control integrating features Smart Street lighting/ Environmental Sensor/CAD /Big data Platform/GIS system /Incident Management system /MDTs/ Wi-Fi/ Fiber NOC/CCTV Cameras/Public Bike Sharing/ FRS/Asset Management/ Traffic Signals / ANPR/ Traffic Enforcement Systems/ E-Challan System	No Change
227	III	11	9.2	MSI along with all the consortium members shall be jointly and severally responsible for the project execution.	Request to change the clause to that the Lead bidder shall be jointly and severally liable whereas the consortium members shall be severally liable for their scope of work. The request is in view of consideration that a lot of sub systems are from entirely different domain of work hence joint and several liability of the consortium partners makes experts in only one domain unable to participate in the bid. Change as required "The Lead Bidder shall be solely and severally responsible and bound for the performance of the works in accordance with the terms and conditions of the BID document, and Contract. The consortium members, if any will support the lead bidder in successful implementation of the objectives and shall be severally responsible only for its respective scope"	No Change
228	II	28	2.5.2.1 Civil and Architectural Work	Providing and fixing metal false ceiling with powder coated 0.5mm thick hot dipped galvanised steel tiles 595 x 595 mm with regular edge (10mm) suitable for 25mm grid supported on suitable powder coated galvanised steel grid as per manufacturer specification. The same shall be inclusive of cut outs for lighting, AC grills, Fire detectors, nozzles, etc.	Unlike normal offices the False ceiling of the Command and Control Room must be designed to suit the Control Rooms' aesthetic/functional, safety and ergonomical requirements. It is recommended that ceiling tiles are designed to provide acoustics and ensure that no echo is generated within the control room. Proper LASER cut outs should be provided for proper installation and fixing of the ceiling lights, HVAC ducts and Fire-fighting equipments. All the ceiling tiles and panels should be processed on CNC machines so that desired profile/design is obtained and this manufacturing shall also enable quick and perfect installation at site. With such manufacturing practices Human installation errors are almost reduced to zero.	As per RFP.

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229	II	28		Providing and fixing 12 mm thick fire line Gypsum false ceiling and lighting troughs 300 mm as per design including 100 mm high cornices as lighting pelmets on G.I. frame work, in G.I. vertical supports at every 450mm c/c and horizontal runners at every 900mm c/c self-taping metal screws to proper line and level. The same shall be inclusive of making holes and required framing for fixing electrical fixtures, A.C. grills etc. GI vertical supports to be anchored to slab by means of anchor fasteners.	<p>Since command and control rooms are mission critical facility and is meant for 24X7 working; for years to come (without taking any shut-downs/interruptions) therefore whatever material is used in the control room, it should be maintenance free and sustainable.</p> <p>Gypsum being prone to water and humid conditions (please refer attached image of Mold Formation in one of the control rooms), it is recommended not to use Gypsum ceiling in the control room.</p>	As per RFP.
230	II	28			<p>Following should be the properties of the Control room False Ceiling:-</p> <p>SAFETY:-</p> <p>Fire Safety :- The proposed system has Class A fire rated tiles as per ASTM E84 to ensure safety against fire.</p> <p>Seismic Safety :- The entire structure is seismically tested and qualified for Zone 5 vibrations. The design complements the overall control room design.</p> <p>Acoustics :- The tiles are designed to provide acoustics and ensure that no echo is generated in the control room. Ceiling has acoustical properties as the perforated tiles have 0.6 NRC.</p> <p>QUALITY:-</p> <p>Quality in Manufacturing :- Proper laser cut outs shall be provided for proper installation of the ceiling lights.</p> <p>Quality Workmanship :- All the panels are cut on laser so that desired clip in profile is obtained for quick and perfect installation at site. Human installation errors are almost reduced to zero with such manufacturing practices.</p> <p>Aesthetics :- Unlike normal offices the False ceiling of the CCRs must be designed to suit the CCRs aesthetical/functional, safety and ergonomic requirements.</p>	As per RFP.
231	II	28			<p>In the entire document nothing is mentioned related to the floor finish / false flooring system, if it is required then please refer the below mentioned points.</p> <p>1. Unlike normal conventional false floors, the floors have to be provided with calcium silicate floor tiles which shall have acoustic laminate on the top.</p> <p>The top finish material must be bio-degradable, acoustical in nature and must not emit any harmful VOCs, should be durable in nature and resistant to scratches.</p> <p>The overall tile weight shall be 22-28 Kg (lighter without compromising the strength); to make it easier to lift the tile without any fatigue to the maintenance personnel.</p> <p>The acoustic Laminate shall reduce impact sound by 14dB (ISO 717-2)). It shall be twinlayer linoleum built up from 2 mm acoustic laminate.</p>	As per RFP.

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232	II	28		Workstation size of min. 18" depth made with 1.5mm thick laminate of standard make over 18mm thick commercial board complete with wooden beading including cutting holes & fixing of cable manager etc. complete with French polish. Edges shall be factory post-formed. The desk shall have the necessary drawers, keyboard trays, cabinets etc. along with sliding / opening as per approved design with quality drawer slides, hinges, locks etc.	As mentioned earlier in this document, the control room is a mission critical facility and is meant for 24X7 working, for years to come (without taking any shut-downs & Maintenance). It is mandatory that the proposed system design for Console/Control Desk is rigid enough to take the Routine Control Room loads. The specifications are of NORMAL OFFICE CARPENTARY FURNITURE and DO NOT COMPLY to 24 X 7 INTERNATIONAL COMMAND CENTER norms like Fire Safety, Seismic Safety, Ergonomics & Operator's Health These norms for operator console / Furniture play a vital role in the overall efficiency of the command room operations. All the operational equipments (Screen, CPU and telephones) will be placed on the desk itself so it is necessary that a durable, modular, sturdy & technical furniture design is provided. 1.Structure The Structure must be rigid and self standing entity to support and allow installation of shutters, side panels, cable gland plate and table top in a quick and effective way. Therefore it is recommended that it should be made up of Heavy duty Extruded Vertical and Horizontal Aluminium profiles of HE9WP grade.	As per RFP.
233	II	28		Providing & making of storage unit with 18 mm thick MDF board along with 1.5 mm approved laminate colour outside and 2 coat of Cabin table of min. depth 2' made with 1.5mm thick laminate of standard make over 19mm thick commercial board complete with wooden beading including cutting holes & fixing of cable manager etc. complete with French polish.	Finishing and Worksurface:- The Control desk finishes must have non-reflective surfaces so that Optical devices (mouse etc.) can work easily. Also the Surfaces with French polish will lose its lustre in due course of time. Therefore it is recommended to use material which are resistant to scratches, greenguard certified and durable.	As per RFP.
234	II			Cabin table of min. depth 2' made with 1.5mm thick laminate of standard make over 19mm thick commercial board complete with wooden beading including cutting holes & fixing of cable manager etc. complete with French polish.	1.5mm thick conventional laminate with French Polish will not sustain for more than 1 (ONE) year and will not lose its beauty as it is resistant to scratch and fire.	As per RFP.
235	II			Providing, making & fixing 6" high laminated strip using 1.5mm thick laminate over 10mm thick commercial board on all vertical surface in the entire server & ancillary areas including low height partition, brick wall, partition wall, cladding etc. complete with French polish in all respect.	Not required in Industrial type furniture. Also these laminated strip shall not suffice the purpose of mounting/installing the Monitors, Telephone arms, pen holder, paper holder etc.	As per RFP.
236	II	28		Providing, making & fixing an enclosure for gas cylinder of Shutters and Partitions along with wooden support and 18 mm thick MDF board along with 1.5 mm approved laminate colour outside and 2 coat of enamel paint inside the shutter. The same should be provided with all the required accessories including the handle, lock, loaded hinges, tower bolt and necessary hardware etc. complete with French polish.	Gas cylinder operated hinges are not recommended looking at the life of the hinges. Hence it is recommended to use Life Time Warranteed hinges.	As per RFP.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
237	II			Should support 24*7 operations and control room operations	<p>1. To ensure that the console work for 24X7 basis it is recommended that the console is designed as per ISO 11064 guidelines, a proper detailed report must be submitted along with the bid.</p> <p>2. In addition to this the console must be BIFMA X5.5 certified to ensure that it withstands the routine loads of control room environment and still remains functional for years to come.</p> <p>3. RoHS (from UL or Intertek) certified console to ensure that harmful substances are not used while manufacturing the desk and user get a healthy environment to work.</p> <p>4. Siesmic Zone 5 tested and certified console. This certification from Approved government laboratory is mandatory to have a seismically safe control desk and the operators can rest assure that they can command and control the situation even after seismic vibrations.</p> <p>5. ASTM E-84 certified table top and shutters (raw material certificates shall be deemed unacceptable). This is mandatory to ensure that the desk is safe in case there is any fire incident within the control room.</p>	As per RFP.
238	II	29		Partitions (wherever required as per approved drawing)		As per RFP.
239	II	29		Providing and fixing in position full height partition wall of 125 mm thick fire line gyp-board partition using 12.5 mm thick double fire line gyp-board on both sides with GI steel metal vertical stud frame of size 75 mm fixed in the floor and ceiling channels of 75 mm wide to provide a strong partition. Glass wool insulation inside shall be provided as required. Fixing is by self-tapping screw with vertical studs being at 610 mm intervals. The same should be inclusive of making cut-outs for switch board, sockets, grill etc. It shall also include preparing the surface smoothly and all as per manufacture's specification etc. finally finishing with one coat of approved brand of fire resistant coating.	<p>The work environment plays a vital role in the operations of a control room as aesthetically superior environment enhances the performance. An aesthetically superior environment not only adds substance to the surroundings but also to the conduct and the body language of the individuals working into it.</p> <p>The verticle wall cladding/finishes and room partitions must add value to the control room in terms of:- Functionality (Achieving Acoustings & reducing Echo), Sustainability (Maintenance Free Environment), Safety(against fire and seismic vibrations), Easy Upgradation (for accomodating future technologies without any civil work (like increasing the number of Large Video Screens, access the cable ducts for any new equipment introduced at a later stage) etc. Aesthetics : The control room being the Core Activity area/heart of any controlling/monitoring activity, hence it is recommended that it is designed to have World Class feel.</p>	As per RFP.
240	II	29			<p>Panelling and Partition :- These two finishing items shall be made up of panels which are 100% factory made and are ASTM E-84 certified (for safety against any fire incident as these will not provoke fire). Also the front sheet is a PVC coated sheet shall be Class A Fire Rated as per ASTM E84 and the color must not fade for another 10 years. The PVC coating shall be resistant to scratch and peeling off.</p>	As per RFP.
241	II	29		With glazing including the framework of 4" x 2" powder coated aluminium section complete (in areas like partition between server room & other auxiliary areas).		As per RFP.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
242	II	29		Providing & fixing Fire Rated Wire Glass minimum 6 mm thick for all glazing in the partition wall complete. (External windows not included in this).		As per RFP.
243	II	29		All doors should be minimum 1200 mm (4 ft.) wide.		As per RFP.
244	II	29		Flooring (wherever required as per approved drawing)		As per RFP.
245	II	29		The MSI shall procure and install a raised floor to match the floor height and room aesthetic in accordance with the approved final layout and design. The MSI shall consider standard parameters for developing the final height, width, point of load, and uniform distribution load of the raised floor for the rooms based on type of furniture and overall load.	<p>In the entire document nothing is mentioned related to the floor finish / false flooring system, if it is required then please refer the below mentioned points.</p> <p>1. Unlike normal conventional false floors, the floors have to be provided with calcium silicate floor tiles which shall have acoustic laminate on the top.</p> <p>The top finish material must be bio-degradable, acoustical in nature and must not emit any harmful VOCs, should be durable in nature and resistant to scratches.</p> <p>The overall tile weight shall be 22-28 Kg (lighter without compromising the strength); to make it easier to lift the tile without any fatigue to the maintenance personnel.</p> <p>The acoustic Laminate shall reduce impact sound by 14dB (ISO 717-2)). It shall be twinlayer linoleum built up from 2 mm acoustic laminate</p>	As per RFP.
246	II			The MSI shall ensure the following features and parameters are considered while designing and commissioning the raised floor: 1. Point of Load (PoL) shall be considered 20% more than the actual load 2. Uniform Distribution Load shall be calculated according to the final Point of Load 3. Noise-proof 4. Fireproof 5. Maintenance window for easy access to under the raised floor 6. Separate electrical and data cable tray under the raised floor 7. Face of floor tiles shall conform to the aesthetic part of the approved design		As per RFP.
247	II	30		The MSI shall perform load test and noise test of the constructed raised floor.		As per RFP.
248	II	30		The MSI shall complete the following requirements for the raised flooring panels: 1. Floor shall be designed for standard load conforming to BIS 875-1987. 2. Panels shall be made up of 18-gauge steel of 600 mm × 600 mm size treated for corrosion and coated with epoxy conductive paint (minimum thickness 50 Micron). 3. Raised flooring covering shall be antistatic, high-pressure laminate, two (2) mm thick in approved shade and color with PVC trim edge. It shall not make any noise while walking on it or moving equipment. Load and stress tests on floor panels shall be performed as part of acceptance testing.		As per RFP.
249	II	30		Painting		As per RFP.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
250	II	30		Providing and applying Fire retardant paint of pre-approved make and shade to give an even shade over a primer coat as per manufacturers' recommendations after applying painting putty to level and plumb and finishing with 2 coats of fire retardant paint. Base coating shall be as per manufacturer's recommendation for coverage of paint.	Since wall cladding itself is a designer material and hence painting is not recommended/required at all. Reduction in total Installation time:- Using the modular control room interior design will reduce the complete site installation only to two months as compared to conventional working of 4 months .	As per RFP.
251	II	30		For all vertical Plain surface.	Not recommended as the same is not required as per the demands of	As per RFP.
252	II			For fire line gyp-board ceiling.	Not recommended as the same is not required as per the demands of	As per RFP.
253	II			Providing and laying POP punning over cement plaster in perfect line and level with thickness of 10 - 12 mm including making good chases, grooves, edge banding, scaffolding pockets etc.	The wall cladding Panels must be designed to take care of undulation of civil walls (upto 100mm) and provide perfect flat surface finish.	As per RFP.
254	II			Applying approved fire retardant coating on all vertical surfaces, furniture etc. as per manufacturer's specification.	Fire Safety :- The proposed system has Class A fire rated tiles as per ASTM E84 to ensure safety against fire.	As per RFP.
255	I	30	PQ2	The average annual Turnover in Indian Rupees for last 3 audited financial years (2014-15, 2015-16, 2016-17) from the business area of ICT Infrastructure / IT System Integration Services. For Sole Bidder or Lead Member of consortium – Rs. 200 Cr For Consortium members – Rs. 20 Cr	Request to change - For Consortium members -10 Cr	No Change
256	I	31	PQ3	The Sole Bidder or the Lead Member of consortium should have positive net worth as per the audited consolidated financial statements in each of the last 3 (Three) financial years 2014-15, 2015-16, 2016-17	Request you to kindly Consider the audited financial statements for last three financial years i.e. FY 2013-14, 2014-15 & 2015-16 or FY 2014-15 & 2015-16 or 2016-17.	No Change
257	I	31	PQ4	The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 1 (One) project as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence /Metro in India with project cost not less than INR 20 Cr in last 3 (Three) financial years (FY 2014-15, 2015-16, 2016-17)	The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 1 (One) project as a System Integrator of the implementation & maintenance of ICT project with Command and Control Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence /Metro in India with project cost not less than INR 20 Cr in last 3 (Three) financial years (FY 2014-15, 2015-16, 2016-17) Please allow for self certification/CS certification due to NDA.	No Change
258	I	31	PQ6	The Sole Bidder or any member of consortium should possess the following Certifications which are valid at the time of bid submission: • ISO 20000:2011 for IT Service Management • ISO/IEC 27001:2013 for Information Security Management System	Request you to relax the criteria and modify the clause to : The Sole Bidder or any member of consortium should possess atleast 2 among the below 3 Certifications which are valid at the time of bid submission: • ISO 20000:2011 for IT Service Management • ISO 9001 • ISO/IEC 27001:2013 for Information Security Management System	No Change
259	I	33	TQ 2.0	CMMi Level Certification (Sole Bidder or any member of the consortium)	Since the CMMi is for the software development projects and here the context is for an MSI, request the dept to please modify the same to : ISO Certification (Sole Bidder or any member of the consortium)	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
260	I	33	TQ 2.1	CMMi Level 3	As per the above mentioned change, request you to kindly modify the same to : ISO 9001 certified	No Change
261	I	33	TQ 2.2	CMMi Level 5	As per the above mentioned change, request you to kindly modify the same to : ISO 27001 certified	No Change
262	I	33	TQ 3.1	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) Project as a System Integrator for any Central Government/ State Government /PSU/ Urban Local Bodies/Defence/ Govt. Boards/ Metro Rail Corporations in India or Globally* with project cost not less than INR 20 Cr (in case of projects in India) or INR 50 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 3 (Three) financial years (FY 2014-15, 2015-16, 2016-17). (For each project 5 points would be awarded, maximum 5 projects would be considered for evaluation)	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of ICT project with Command and Control Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 20 Cr (in case of projects in India) or INR 20 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 3 (Three) financial years (FY 2014-15, 2015-16, 2016-17). (For each project 12.5 points would be awarded, maximum 2 projects would be considered for evaluation) Please allow for self certification due to NDA.	No Change
263	I	34	TQ 3.2	The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 20 Cr. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	Request you to kindly change this clause to the below to ensure the MSI who will be participating will have a strong project experience handling multi crores projects: Experience in development / implementation of Smart City Component : Bidder (Lead Bidder or Any Consortium Partner) should have experience in implementation and maintenance of following project of value not less than cumulative value of INR 100 Crore for any of the following: a) Command & Control Centre /Network Operations Centre(NOC) or b) E-Governance or c) Utility Management (Water OR Electricity) In India or abroad in last 5 years. -- In Case of ongoing project -Case study + Copy of work order In Case of completed project - Case study + Copy of work order + Completion Certificate In case of NDA, Company Secretary / Chartered Accountant Signed Certificate providing details of Scope of work and Value and stage of project.	No Change

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264	I	34	TQ 3.4	The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 3 (three) financial years with the project cost not less than Rs. 20 Crores (For each project 2.5 points would be awarded, maximum 4 projects would be considered for evaluation)	The Sole Bidder or any member of the consortium should have completed project as a System Integrator for managing a Tier II or above compliant data Centre/ State Data Centres/Cloud in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 3 (three) financial years with the project cost not less than Rs. 20 Crores (For each project 5 points would be awarded, maximum 2 projects would be considered for evaluation) <i>Please allow for self certification due to NDA.</i>	No Change
265	I	31	Vol-I, 2.3.17 Pre-Qualification Criteria PQ2 - Turnover	The average annual Turnover in Indian Rupees for last 3 audited financial years (2014-15, 2015-16, 2016-17) from the business area of ICT Infrastructure / IT System Integration Services. For Sole Bidder or Lead Member of consortium – Rs. 200 Cr For Consortium members – Rs. 20 Cr	We request you to kindly accept our suggestion as below: <i>The average annual Turnover in Indian Rupees for last 3 audited financial years (2014-15, 2015-16, 2016-17). For Sole Bidder or Consortium (jointly by all the members) – Rs. 200 Cr. from the business area of ICT Infrastructure / IT, and System Integration Services</i>	No Change
266	I	33	Vol-I, 2.3.18 Pre-Qualification Criteria TQ 1.1 - Turnover	The Sole Bidder or Lead Member in case of Consortium should have minimum average annual turnover* of Rs. 200 Cr for the last 3 financial years (2014- 15, 2015-16, 2016-17) from.....Points shall be awarded on pro-rata basis (the range is from 200 crores to 600 Crores and for 200 Crores- 0 mark and 600 Crores and Above-10 Marks)	We request you to kindly accept our suggestion as below: The Sole Bidder or Consortium (jointly by all the members) should have minimum average annual turnover* of Rs. 200 Cr for the last 3 financial years.....	No Change
267	I	31 33	Vol-I, 2.3.17 Pre-Qualification Criteria PQ2 & PQ3 - Documents Required And Vol-I, 2.3.17 Technical Evaluation Criteria TQ 1.1 - Documents Required	Certificate from the Statutory Auditor on turnover details.....2014-15, 2015-16, 2016-17	Since Statutory Auditors are generally large International Firms and not mandated to issue any Certificates. We request you to please consider certificate from our <i>Chartered Accountant also</i> for turnover details as well as for net worth. The same is the practice in other recent Smart City Tenders As well.	No Change
268	I	31	Vol-1, 2.3.17. Pre Qualification Criteria PQ4	The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (Two) projects as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall and Operation Room OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence/Metro in India with project cost not less than INR 10 Cr in last 7 (Seven) financial years.	We request you to pl. accept the completed Command Control and Communication Center / Command Control Center project. Receipts on the project are different for different projects.It should not be linked to PQ criteria. Further pl. accept Global projects experience, since TQ3.1 also mentions about Global projects.	No Change

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269	I	34	Vol-1, 2.3.18 Technical Evaluation Criteria TQ 3.1	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go- Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall, Operation Room) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 marks would be awarded, maximum 4 projects would be considered for evaluation)	Rs. 25 cr project done Globally is too high. Pl. keep it equivalent to Indian Project Value i.e. Rs. 10 cr. And considering the difficulties involved, pl. accept the Currancy conversion Rate on the Date of Bid Invitation.	No Change
270	I	34	Vol-1, 2.3.18 Technical Evaluation Criteria TQ 3.2	The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 10 Cr. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation)	We want to bring your kind attention to the fact that Smart City program has been initiated two years back and actual ICT works for some of the smart cities either kicked off very recently/under construction phase or under tender stage. So we request you to please consider projects executed for government as well as private / Industries /entities globally.	No Change
271	I	37	Vol-1, 2.3.18 Technical Evaluation Criteria Note	For global projects, original client certificate and other documents shall be duly verified and signed by Statutory Auditor. The same shall be submitted with the bid document.	For global players/ or even for Indian Projects, it is difficult to submit original certificate for only one tender. As per normal practice they can submit photo copy of client certificate / Self Certification duly signed by the Authorised Signatory of the Bidder. So please modify clause accordingly.	No Change
272	I	37	Vol-1, 2.3.18 Technical Evaluation Criteria Note	The Technical presentation shall be made by the Program Manager only as per the details provided in the CVs. Presentation shall be restricted around the submitted Technical proposal to the authority. Any deviation from the technical proposal, shall not be considered during evaluation.	At Bidding stage many departments/ experts are involved in preparation of the Bid. Availability of Program manager may not be ensured. Technical presentation shall be made by the competent team of the Bidder. Kindly accept the same.	No Change
273	I	36 40	Vol-1, 2.3.18 Technical Evaluation Criteria TQ 5.0 And POC Evaluation Criteria	Proof of Concept (PoC) / Demonstration of Solution Proposed - Capabilities of CCCC to be demonstrated using hosted environment for minimum of 05 different City applications domains through the relevant Use cases in India context for respective application/s infrastructure (sensors/ gateways) in city services domains. And Note: The cost of PoC will not be reimbursed by RSCCL. Bidders have to dismantle the devices/equipment within 7 days at their own cost.	POC shall not be the evaluation criterion, since it is time taking and expensive exercise at bid stage. In place of this, a Detailed technical Presentation on the Solutions proposed, shall be considered adequate.	No Change
274	I	39	Vol-1, 2.3.18 Technical Evaluation Criteria Team Evaluation Matrix	For each project to be considered for technical evaluation, resource should have worked for at-least Six Months on that particular project	Some projects are of shorter duration in technology sector. We request you to remove this provision.	No Change

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275	II	71	Vol-2, 2.16.2 Payment Schedule	Payment Schedule	We request you to please modify payment schedule as below:- 1. Requirement study - T + 3 Months - 10% of CAPEX 2. Hardware Delivery & commissioning of C4 & DC in Phase I - T + 7 Months - 30% of capex value 3. Phase I : Go Live - T + 9 Months - 20% of capex value 4. Phase II : Go Live - T + 11 Months - 10% of capex value 5. Phase III : Integration & Project Final Go-Live - T1 = T + 12 months - 10% of capex value	No Change
276	I			Last date and time for submission of proposal (online) - February 15, 2018 at 5 PM	Please extend due date of submission at least by 4 weeks after pre-bid reply.	No Change
277	I	20	2.2.11 Conflict of Interest	The Bidder has an obligation to disclose to the RSCCL any situation of actual or potential conflict that impacts its capacity to serve the best interest of its RSCCL. Failure to disclose such situations may lead to the disqualification of the Bidder or the termination of its Contract. In the event of disqualification, RSCCL shall forfeit and appropriate the EMD, if available, with respect to pre-estimated compensation and damages payable to RSCCL	Please remove the forfeiture clause. RSCCL may disqualify the bid if incase of any conflict of interest.	No Change
278	I	22	2.2.13 RFP Document/Tender Fee	The Unsuccessful Bidder's EMD will be returned within 90 days from the date of opening of the financial proposal.	Please return the EMD within 30 days from the date of opening of the financial proposal.	No Change
279	I	23	2.2.13 RFP Document/Tender Fee	The EMD may be forfeited: In case of a successful bidders, if the Bidder fails to sign the contract in accordance with the terms and conditions	It is requested to remove the Forfeiture clause on EMD on non-acceptance of all T&Cs of RFP. Bidder will suggest the modifications/additions to be made in the RFP Terms and conditions in its proposal. Contract shall be signed based on the mutually agreed clauses. While we ensure that neither project start date nor deliverables will get impacted by this	No Change
280	I	25	2.3.2 Bid Submission Instructions	It is required that the all the proposals submitted in response to this RFP should be unconditional in all respects, failing which RSCCL reserves the right to reject the proposal.	Kindly allow Bidder to suggest modifications/additions to be made in the RFP Terms and conditions in its proposal	No Change
281	I	31	PQ 2	<ul style="list-style-type: none"> Audited financial statements for last three Financial Years. Statutory auditor's certificate clearly specifying the annual turnover for the specified years. MoA/AoA shall be submitted showing the area of business 	Kindly allow us to produce a CA certificate instead of Statutory Auditor .	No Change
282	I	31	PQ3	Certificate from the Statutory Auditor on net worth.	Kindly allow us to produce a CA certificate instead of Statutory Auditor .	No Change
283	I	32	Vol. I; PQ4	PQ4 : PROJECT EXPERIENCE The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (two) projects as a System Integrator of the implementation & maintenance of Command Control and Communication Centre (Comprising minimum of Command control Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence/Metro in India with project cost INR 10 Cr in the last 7 (Seven) financial years	Kindly delete the clause or change the clause to " The Sole Bidder or Lead Member or any member of its consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of 2 (two) projects as a System Integrator of the implementation & maintenance of e-Governance IT projects OR Command Control and Communication Centre (Comprising minimum of Command control Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) OR Intelligent Traffic Management System (ITMS). Project for any Central Government/ State Government/PSU/ ULB/Govt. Boards/Defence/Metro in India with project cost INR 10 Cr in the last 7 (Seven) financial years"	No Change
284	I	33	TQ1.1	Statutory auditor's certificate clearly specifying the annual turnover for the specified years.	Kindly allow us to produce a CA certificate instead of Statutory Auditor .	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
285	I	34	TQ2.0	CMMi Level Certification (Sole Bidder or any member of the consortium) TQ 2.1 CMMi Level 3 3 TQ 2.2 CMMi Level 5 5	Kindly make CMMi level 1 5 mandatory for ensuring no compromise in quality.	No Change
286	I	34	Vol. I; TQ 3.1	TQ 3.0 Relevant Experience TQ 3.1: The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall, Operation Room) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 10 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 5 points would be awarded, maximum 4 projects would be considered for evaluation)	Kindly delete the clause or change the clause to " The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement of e-Governance IT projects OR Command Control and Communication Centre (Comprising minimum of Command Control Centre Application, Dashboard, Video Wall, Operation Room) OR Intelligent Traffic Management System (ITMS) Project as a System Integrator for any Central Government/ State Government/PSU/ Urban Local Bodies/Defence/ Govt. Boards/Metro Rail Corporations in India or Globally* with project cost not less than INR 5 Cr (in case of projects in India) or INR 25 Cr (in case of projects done Globally, the currency conversion rate on the date of technical bid opening shall be considered) in last 7 (Seven) financial years. (For each project 10 points would be awarded, maximum of 2 projects would be considered for evaluation) "	No Change
287	I	35	TQ 3.2	TQ3.2: The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of Command Control and Communication Centre (Comprising of Command Centre Application, Management Dashboard, Video Wall, Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities in India with project cost not less than Rs. 20 Cr. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation)	Kindly delete this criteria or change the clause to "The Sole Bidder or any member of the consortium should have successfully completed or carrying implementation of e-Governance IT projects OR Command Control and Communication Centre (Comprising of Command Centre Application / Management Dashboard /Video Wall/ Operation Room and Helpdesk Centre) project as a System Integrator for any selected Smart Cities/Transport domain in India with project cost not less than Rs. 5 Cr. (For each project 2.5 points would be awarded, maximum 2 projects would be considered for evaluation) "	No Change
288	I	35	TQ3.3	TQ3.3 The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement in implementation & maintenance of any ITMS (Intelligent Traffic Management System) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years with project cost not less than Rs. 10 Cr. Project for Metro rail corporations or Railways wouldn't be consider for technical evaluation in this category. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation)	Kindly delete the clause or change the criteria to " The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement in implementation & maintenance of any e-Governance IT projects OR ITMS (Intelligent Traffic Management System) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years with project cost not less than Rs. 5 Cr. Project for Metro rail corporations or Railways wouldn't be consider for technical evaluation in this category. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation) "	No Change
289	I	34	TQ3.4	TQ3.4 The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 7 (Seven) financial years with the project cost not less than Rs. 10 Crores (For each project 2.5 marks would be awarded, maximum 3 projects would be considered for evaluation)	Kindly delete the clause or relax the criteria to " The Sole Bidder or any member of the consortium should have completed project as a System Integrator for Implementing and managing a Tier II or above data Centre in India for any Central Govt. / State Govt. / PSUs/ Govt. Boards in the last 7 (Seven) financial years with the project cost not less than Rs. 5 Crores (For each project 2.5 marks would be awarded, maximum 3 projects would be considered for evaluation)	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
290	I	38	Team Evaluation Matrix	<p>Team Leader-cum-Program Manager</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • BE/B. Tech with MBA/MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark <p>b) Certification :</p> <ul style="list-style-type: none"> • PMP / Prince 2 (P) Certification = 1 Mark <p>c) Work experience in the capacity of Project/Program Manager in ICT implementation Projects:</p> <ul style="list-style-type: none"> • >=10 years = 1 Mark • >=8 and < 10 years = 0.5 Mark <p>d) Project/Program management Experience in ICT implementation Project (Command Control /Intelligent Traffic Management System/Smart Parking Management System)</p> <ul style="list-style-type: none"> • > 3 Projects = 2 Marks • 2 – 3 Projects = 1 Mark 	Kindly relax the (Command Control /Intelligent Traffic Management System/Smart Parking Management System) experience	No Change
291	I	39	Team Evaluation Matrix	<p>Command Control & Communication Centre Expert</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • BE / B. Tech with MS/M. Tech. or equivalent = 1 Mark • BE / B. Tech / MCA = 0.5 Mark <p>b) Work experience in setting-up Command Control Centre projects :</p> <ul style="list-style-type: none"> • >=9 years = 1 Mark • >=6 and <9 years = 0.5 Mark <p>c) Work experience in Command & Control Centre projects (Max. 2 Marks):</p> <ul style="list-style-type: none"> • 0.5 Mark per project 	Kindly relax the experience in Command & Control Centre projects to 5 years	No Change
292	I	31	PQ 2	<p>The minimum average annual Turnover in Indian Rupees for last 3 audited financial years (2014-15, 2015-16, 2016-17) from the business area of ICT Infrastructure / IT System Integration Services. For Sole Bidder or Lead Member of consortium – Rs. 200 Cr For Consortium members – Rs. 20 Cr</p>	Kindly change te clause to "The minimum average annual Turnover in Indian Rupees for last 3 audited financial years (2014-15,2015-16, 2016-17) from the business area of ICT Infrastructure / IT System Integration Services. For Sole Bidder or any Member of consortium – Rs. 200 Cr "	No Change
293	I	45	2.3.27 Performance Bank Guarantee	<p>d) The PBG shall be valid till satisfactory completion of Post Implementation Support. The PBG may be discharged/returned by RSCCL upon being satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the PBG. The PBG shall be valid only up to a period of six months after the contract completion period.</p>	Kindly accept PBG valid for 3 months beyond contract completion period.	No Change
294	I	42	2.3.20 Replacement	<p>The Authority expects all the Key Personnel specified in the Proposal to be available during implementation of the Agreement. The Authority will not consider any substitution of Key Personnel except under compelling circumstances beyond the control of the MSI and the concerned Key Personnel. Such substitution shall be subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority. Without prejudice to the foregoing, substitution of Key Personnel shall be permitted subject to reduction of payment equal to 0.25% of the subsequent milestone payment for each replacement.</p>	Please remove this penalty. Bidder will deploy resources with equivalent or better qualifications if incase any resource need to be replaced. Also proper Knowledge transition will be made available to the new resource	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
295	I	45	2.3.27 Performance Bank Guarantee	In the event of the Bidder being unable to service the contract for whatever reason RSCCL would invoke the PBG.	PBG should be invoke only if the reason is solely attributable to bidder	No Change
296	I	45	2.3.29 Right to Vary Quantity	a) At the time of award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased. It shall be without any change in the unit prices or other terms and conditions of the Bid and the bidding documents. b) If RSCCL does not procure any subject matter of procurement or procures less than the quantity specified in the bidding documents due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the bidding document.	This is onerous clause. Pls cap the quantity increased or decreased to the extent of 5% quantity which is agreed to in the contract. Any increase or decrease beyond 5% will be routed through change request at the price mutually agreed at.	No Change
297	I	45	2.3.29 Right to Vary Quantity	c) Repeat orders for extra items or additional quantities may be placed, if it is provided in the bidding document, on the rates and conditions given in the contract if the original order was given after inviting open competitive bids. Delivery or completion period may also be proportionally increased.	Kindly delete this clause. Any repeat orders must be routed through change request at the mutually agreed price.	No Change
298	I			General	Kindly accept 100% billing of Hardware and software with applicable GST rates at the time of delivery.	No Change
299	I	73	Annexure 3.2 - Financial Proposal Format & Instructions	9. All items provided should be under Insurance. The Insurance should be for entire duration of the Project for 5 Years and comprehensive covering damages for Theft, Fire, Natural Calamities, Riots and Terrorists activities etc.	Insurance for goods delivered under the contract will be provided by MSI till the point of delivery. Thereafter customer has ensure the insurance of the same.	No Change
300	I	73	Annexure 3.2 - Financial Proposal Format & Instructions	13. The variation in individual item of quantities permitted, provided it shall not exceed $\pm 20\%$ in individual item of quantities. The successful bidder shall not object to the upward or downward variation in quantities of any item within the variation limits.	Kindly modify the clause to be read as - 13. The variation in individual item of quantities permitted, provided it shall not exceed $\pm 20\%$ 5% in individual item of quantities. The successful bidder shall not object to the upward or downward variation in quantities of any item within the variation limits.	No Change
301	I	73	Annexure 3.2 - Financial Proposal Format & Instructions	15. Payment for additional quantities within the variation limit shall be made at tender rates and the tender rates shall be valid for entire duration of the contract. 16. No claim shall be entertained or become payable for price variation of additional quantities	Pls replace the point 14 & 15 with- Supply of additional quantities will be at price mutually agreed at time such requirement during the tenure of contract.	No Change
302	I	73	Annexure 3.2 - Financial Proposal Format & Instructions	18. RSCCL also intends to utilize various rates obtained through this tender for requirements across various departments. Bidders are requested to factor this larger demand and give the best possible rate to RSCCL.	Pls delete this clause. This is not acceptable. Rates offered under one contract must not be used for requirement across various department.	No Change
303	I	74	Annexure 3.2 - Financial Proposal Format & Instructions	28. RSCCL reserves the right to extend the O&M contract.	Kindly modify the clause to be read as- 27. RSCCL reserves the right to extend the O&M contract <i>at price mutually agreed at the time such extension.</i>	No Change
304	I	73	Annexure 3.2	Bidder shall be bound to give same or more % of discount on the list price of the OEMs on the future purchases (additional purchases within the contract period) by RSCCL.	Please remove this clause as it depends on OEM's decision to give same discounts	No Change
305	III	18	12 Payments	All payments agreed to be made by RSCCL to MSI in accordance with the Bid shall be inclusive of all statutory levies, duties, taxes and other charges whenever levied/applicable, if any, and RSCCL shall not be liable to pay any such levies/ other charges under or in relation to this Contract and/or the Services.	Taxes shall be paid on actuals. Customer shall pay for all taxes in connection with this Agreement	As per RFP.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
306	III	19	12 Payments	12.1. RSCCL shall make payments to MSI at the times and in the manner set out in the Payment schedule as specified Section 2.16.2 in RFP Volume II subject to the penalties as mentioned under Clause 42 of Section C - Service Levels of Volume III. RSCCL shall make all efforts to make payments to MSI within 60 calendar days of receipt of invoice(s) and all necessary supporting documents.	Kindly modify the clause to be read as - 12.1. RSCCL shall make payments to MSI at the times and in the manner set out in the Payment schedule as specified Section 1.3 in RFP Volume II subject to the penalties as mentioned under Clause 42 of Section C - Service Levels of Volume III. RSCCL shall make all efforts to make payments to MSI within 60 30 calendar days of receipt of invoice(s) and all necessary supporting documents, failing which interest @ 1.5% per month shall be charged	No Change.
307	III	20	14 Taxes	Taxes	Any variation in tax rates to be reimbursed by Customer	Please refer to RFP for more details.
308	III	27	25 Transfer of Ownership	25.1. MSI must transfer all titles to the assets and goods procured for the purpose of the project to RSCCL at the time of Acceptance of System. This includes all licenses, titles, source code, certificates, hardware, devices, equipment's etc. related to the system designed, developed, installed and maintained by MSI. MSI is expected to provide source code, transfer IPR and ownership right of only those solutions which would be customized by MSI for the use of RSCCL. For any pre- existing work, MSI and RSCCL shall be held jointly responsible and its use in any other project by MSI shall be <u>decided on mutual consent.</u>	MSI must transfer all titles to the assets and goods procured for the purpose of the project to RSCCL at the time of Delivery of same.	No Change
309	I	13	Volume I,1.3 , k & Volume II,Project Objectives	Integration with existing and proposed system; <input checked="" type="checkbox"/> Intelligent Transportation System	1- Is Intelligent Transportation System already implemented are proposed to be implemented in future? 2.Please provide the details of existing Intelligent Transportation System. Which service provider has implemented ITS? 3- What is the fleet size of exiting ITS ? 4- Please interface details available with existing ITS. Is which format the data will be made available to the CCCC proposed under this bid?	Details shall be shared with the successful bidder.
310	II	322	4.11 4.11.1 1.2accordingly MSI shall create the GIS data creation plan for remaining data layers in consultation with the RSCCL.	Request please provide the details of layers of information that need to be collected from the field through survey and for how much sq. km? without having this specific information , it would be difficult to arrive at the cost estimation. Please confirm if GIS survey, GIS data collection is part of scope of work.	RFP clauses are self-explanatory.
311	II	323	Volume 2 ;4.11 4.11.1 1.7	GIS base map shall include following.....	Pls confirm all the map layers mentioned here are already available and to be supplied to MSI. If the data quality is not usable, is it then responsibility of MSI to collect the data from field? What is the total sq. km of smart city area for GIS survey and data collection, if required.	The base map shall be Google maps or similar quality. Bidders have to supply and integrate the same with C4 platform and other components.
312	II	324	4.11 4.11.1 2.5	Citizen Location Services	Please elaborate what functionality is expected out of this.Do you want MSI to use Geolocator service?	RFP clauses are self-explanatory.
313	II	330	4.11 4.11.1 21	Shall have provision for flow of information and/or integration with existing and future applications (indicative) such as.....	Request pls specify which are the current and which are the future applications. What kind of services available for the existing systems to be integrated with GIS.	RFP clauses are self-explanatory.
314	II	330	4.11 4.11.1 38.4	Respond to Events in Real Time: When locations change or specified criteria are met, automatically and simultaneously send alerts to key personnel, update the map, append the database, and interact with other enterprise systems. Alerts can be sent across multiple channels, such as e-mails, texts, and instant messages.	Do you want the Command Control Communication to be driven by GIS only while responding to any event from Command centre using GIS enabled dashboard?	RFP clauses are self-explanatory.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
315	II	335	4.11 4.11.1 21	The WebGIS Application shall be highly scalable to serve increasing number of user with no extra cost	Please provide the volume / total no of GIS viewing users, GIS editing users, Web Users and mobile users etc for proper sizing of hardware and software? How many GIS software licenses would be required? Should the mobile GIS application cater to 1 Million of total population and number of visitors;	RFP clauses are self-explanatory.
316	II	335	4.11 4.11.1 7	Visualization of Temporal Data; Shall have facility to visualize time aware layers; Shall allow user to add temporal data layer on-the-fly	What other kind of temporal data layers to be saved in GIS except vehicle tracking information. Kindly clarify what do you mean by user to add temporal data layer on-the-fly	RFP clauses are self-explanatory.
317	II	324	11 4.11.1 2/2.4	Data Analysis Module; Big Data support	Please confirm, if BIG DATA ANALYSIS module needed within GIS framework. Do you want all events related data to be stored in GIS?	RFP clauses are self-explanatory.
318	II	129	4.2.1should render impacted region on a GIS/3D map.	Is 3D map preparation is within the scope of MSI? If Yes, pls provide the specification / volume of work.	No. Out of scope of this project.
319	II	115	4.2.1	GIS Display	Do you mean to have separate GIS dashboard for all the subsystem in addition to Geospatial display in Command Centre. Please confirm.	RFP clauses are self-explanatory.
320	II	115	4.2.1	Should allow all resources, objects, sensors and elements on the map to be georeferenced such that they have a real world coordinate.	Do you need to connect all separate subsystems (parking , tracking , emergency response, etc) to GIS separately for track specific GIS analysis?	RFP clauses are self-explanatory.
321	II	110	4.2.1 6,7,8	The CCA should have the capability to integrate with GIS. GIS enabled Business Logic; Dynamic Display	Do you want to save the real time data (coming from various sensors/ devices) in GIS server or in dividual subsystems server in order to access the same from CCCC.	RFP clauses are self-explanatory.
322	II		General		How many web GIS and mobile users to access GIS map based information?	RFP clauses are self-explanatory.
323	II	14	2.1	Integration	Please confirm if existing application which need to be inteagrated with C4, should follow SOA based integration methodology.	RFP clauses are self-explanatory.
324	II	14	General	Storage	How do you want to plan to store al subsystems level data along with time series data or big data ? How storage sizing will be defined.	RFP clauses are self-explanatory.
325	II		General	DR on Cloud	What is the policy of data storage in cloud(DR)	Please refer to RFP.
326	II	39	2.8	Integration of Intelligent Traffic Management System (ITMS) with C4	We are assuming that data historian process is required and requesting RSCCL to provide data historian policy and specific requirement and whether this historian data will be stored in C4 or ITMS itself.	RFP clauses are self-explanatory.
327	II	223	4.4	Technical Specifications - ITMS	Clarification is required whether C4 will control the field devices directly Or via ITMS or via GIS	RFP clauses are self-explanatory.
328	II	44	2.8.5	The solution proposed by MSI shall seamlessly integrate with the E-Challan system proposed under the scope of this project .	Clarification is required whether the E-challan system will be integrated directly with C4 Or via ITMS or egov solution	It can be integrated proposed ITMS solution.
329	II	45	2.8.7.xii	Location of each VMSB will be plotted on GIS Map with their functioning status which can be automatically updated.	Clarification is required whether the integrated data of GIS will be displayed in ITMS Or the integrated data of ITMS will be displayed in GIS system Or the integrated data of ITMS and GIS in a common platform in C4.	Query relevance not matching with the mentioned clause.
330	II	63	2.12	Environmental Monitoring Sensors	We are assuming the Environmental data is stored in a independent database. Whether this data will be used in an independent Environmental Sensors system or in C4 directly.	Only one database is to be used for proposed solutions.
331	II	310	4.9.1.6	Data shall be collected in a software platform that allows third party software applications to read that data.	Clarification required whether the independent software platform needs to be hosted or directly to be integrated with c4 platform	Query not clear.
332	II	310	4.9.1.8	Alarms shall be generated for events where the environmental parameters breaches the safe or normal levels.	The conditions required for alarm generation will be provided by RSCCL.	All SoPs shall be defined with the help of successful bidder.
333	II	310	4.9.1.9	The sensor management platform shall allow the configuration of the sensor to the network and also location details etc.	Kindly elaborate.	RFP clauses are self-explanatory.
334	II	310	4.9.1.10	Central Monitoring System (CMS)	Clarification required whether CMS will be at C4 or it will be independent in nature.	Indepent in nature however integrated with C4.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
335	II	65	2.13	Enterprise GIS	PLS confirm, if VTMS, Mobile services, location based services need to be quoted separately as solution and services.	RFP clauses are self-explanatory.
336	II	77	3.5	Integration Phase	Please give details of OPC UA (OLE Platform Communication) deployed under this Ranchi Project through which all tracks to be integrated.	RFP clauses are self-explanatory.
337	II	77	3.5 (1)	Integration Phase	Is Ranchi Police Command Control Center different from main command and control centre?	Yes these are two different Command control center; RSCCL C4 center and Ranchi Police Command Center
338	II	77	3.5 (2)	ICT based Solid Waste Management	Pls confirm , if the scope of work is only integration or data collection , map updation is also required. Any asset survey in scope?	Asset survey is not in the scope.
339	II	77	3.5(3)	Smart Lightning	Pls confirm , if the scope of work is only integration or data collection , map updation is also required. Any asset survey in scope? If yes how many?	Asset survey is not in the scope.
340	II	78	3.5(4)	Smart Water Supply	Pls confirm , if the scope of work is only integration or data collection , map updation is also required. Any asset survey in scope? If yes how many km of pipeline survey etc required?	Asset survey is not in the scope.
341	II	110	4.2.1(5)	Command Control and Communication Centre Application: Solution Platform: Software (Application, Database and any other) must not be restricted by the license terms of the OEM from scaling out on unlimited number of cores and servers during future expansion	What is the total no of users ? Viewing? Editing? Mobile ? Web ? GIS? This is required to do the sizing of cores for server licenses.	As per Solutions proposed
342	II	110	4.2.1(7)	It shall provide complete view of facilities, sensors, and alarms in an easy-to-use and intuitive GIS-enabled graphical interface with a powerful workflow and business logic engine.	Pls confirm, if C4 application should be controlled through GIS? Where the sensor data including time series data will be stored? In Command & Control centre server or GIS server? How big data storage sizing need to be calculated. Please confirm, if historical data need to be stored? If yes , how?	RFP clauses are self-explanatory.
343	II	117	4.2.1(25)	Analytics Engine	Do you want separate analytics engine apart from GIS? Pls confirm, if GIS need to be integrated with this analytics engine?	As per RFP
344	II	123	4.2.1(38, 39)	Should support Geospatial rendering of event and incident information. Should support plotting of area of impact using polynomial lines to divide the area into multiple zones on the GIS maps.	Please confirm, if GIS analysis tools be integrated with Command and control software to do these analysis?	RFP clauses are self-explanatory.
345	II	124	4.2.1(47)	Use of, GIS tool which allows easy map editing for wide area monitoring (Google map, Bing map, ESRI Arc GIS map, etc.).	Do you want MSI to provide licensed google imagery / other map services for data updation or mapping purpose?	RFP clauses are self-explanatory.
346	II	254	4.4.2.1(47)	VMS; VMS Interfaces to Other Geographic Information System (GIS) - <input type="checkbox"/> Camera definitions that would be overlaid on GIS map <input checked="" type="checkbox"/> Camera Map and locations	Do you like to control videos from GIS interface	RFP clauses are self-explanatory.
347	II	328	4.11.1	GIS : Visualization of Temporal Data 7.1 Shall have facility to visualize time aware layers 7.2 Shall allow user to add temporal data layer on-the-fly	Pls confirm this means all sensor related data (at a certain time interval) to be displayed in GIS. Where all these temporal data would be stored? In the respective subsystem? In GIS database? Or in Command and Control database server?	Should be as per bidder's solution design for meeting the technical and functional specifications and overall objective of the project.
348	II	329	4.11.1(14)	GIS : WEB Editing	Pls confirm how many users will do the Web Editing in GIS?	RFP clauses are self-explanatory.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
349	II	330 331	4.11.1(21)	Smart Lighting, Vehicle Tracking System ICT based solid waste management Intelligent Transport Management System Smart Water Supply Management Property Tax management system Building Plan Approval System Enterprise Project Management Any other Municipal e-Governance Application	Please confirm : 1. If all these applications already developed and in use? 2. What kind of GIS integrations is required with these applications? SOA or other? 3. Pls confirm , MSI's scope is only integration and no data collection or map update etc. 4. If survey is required , then we need volume and total no of each assets and the sq. km area that need to be surveyed.	RFP clauses are self-explanatory.
350	II	322	Enterprise GIS section 4.11, point number 1.2	MSI shall asses the quality of available GIS data and accordingly shall create the GIS data creation plan for remaining data layers in consultation with the RSCCL.	GIS data creation for the remaining layer and QA/QC of the data is in scope of work and understand that it requires the enterprise wide industry standard data model creation with spatial, rules, relationships, subtypes, domains, spatial & attribute connectivity rules with topological rules and networks that is scalable . Is our understanding clear?	RFP clauses are self-explanatory.
351	II	322	Enterprise GIS section 4.11, point number 1.3	GIS base map shall be a common platform across all the solutions including City Wi-Fi, Video Surveillance, Smart Lighting, Intelligent Traffic, Smart Parking, ICT based solid waste management, Intelligent transport, Disaster management, Incident Management & any other ICT component in consultation with RSCCL.	We understand that GIS base map, layers & platform for city GIS and verticals has to be common for all the operations that are required at command centre with respect to said verticals for centralized management of GIS operations	RFP clauses are self-explanatory.
352	II	328	(Data analysis Module) point number 6.1	Shall comprise of analytical tools such as spatial overlay, buffer analysis to generate results, and shall also provide geo-processing functions that will be finalized at the time of study stage.	We understand that there must be robust geo processing functions that helps users to design, configure & model the system as per the business requirements and can be published this as service on web GIS for various GIS based web functionality.	RFP clauses are self-explanatory.
353	II	321	Point number 24	It shall have a provision to perform Quality Control activity on the data collected from the field before storing on the parent database server.	We understand that as a quality control step and before storing to database version this has to go through the defined rules and edit conflicts that lets administrators to easily identify and rectify the same.	RFP clauses are self-explanatory.
354	II	132	point number103	Single Dashboard for City Infrastructure Management & Smart City Services for Smart Lighting, Utility/Surveillance System, GIS Services and Other Services of RSCCL work visualized real time on 2D/3D map of City. This dashboard can be accessed via web application as well as mobile app. The various information that may be accessed from the system but not limited to are as below:	Does RSSCL requires the 3D capability of the solution as well that can be used to 3D visualization and publish 3D services on web for various operations?	RFP clauses are self-explanatory.
355	II		General	Enterprise GIS	Enterprise GIS solution also required to be in the High availability mode with 99.95% uptime. Please clarify?	RFP clauses are self-explanatory.
356	II		General	Enterprise GIS	How many number of GIS users are expected for GIS based view and edit operation including CCC operators, admins, departmental users, management etc. (tentative numbers)?	RFP clauses are self-explanatory.
357	II		General	Enterprise GIS	Does GIS based mobile application are also scope of work for the Enterprise GIS for field crew GIS data updating and management.	RFP clauses are self-explanatory.
358	II	333	4.11, 40.1	Enterprise GIS Should provide easy-to-understand, easy-to-use reports that use appropriate infographics (Charts) to present key indicators from the GIS database, to provide overall information to the key officials.	We understand that Application should support to create and share operation views that include interactive maps, lists, charts, gauges, and other performance indicators, based on live geographic data defined in a web map or web service. The application should support to configure views to run on multiple monitors or single-display devices. Please confirm	RFP clauses are self-explanatory.
359	II	334	Point no 12	Functional & Technical Requirement: WebGIS Software WebGIS Software should use RDBMS for geometrical and geographical data	We understand that WebGIS Software should Support for Geospatial Databases and Query layers – Amazon RDS for Microsoft sql server or Amazon RDS for PostgreSQL, IBM DB2 or Informix, Oracle, PostgreSQL. Please confirm.	RFP clauses are self-explanatory.
360	II	335	Point No 18	The software should support Map Services, Open Geospatial Consortium, Inc. (OGC) services like WMS, WFS etc.	The software Should support Open Geospatial Consortium (OGC) and open web services: including Map, WMS, WFS, WCS, WMTS, WPS, KML and GeoJSON. Please confirm.	RFP clauses are self-explanatory.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
361	II	335	Point No 20	The application Shall have support for CQL Filters to obtain better Analytical capabilities	The application Shall have support for SQL Filters to obtain better Analytical capabilities. Please confirm.	RFP clauses are self-explanatory.
362	II	335	Point No 21	The WebGIS Application shall be highly scalable to serve increasing number of user with no extra cost	Please clarify what is the upper limit of the users no,	RFP clauses are self-explanatory.
363	II	336	Point No 1	The application shall support all leading browsers	We understand that The application should Support any client and device including mobile, smart clients, web browsers (Internet Explorer, Google Chrome and Firefox), geoexplorer applications and desktop applications. Please confirm.	RFP clauses are self-explanatory.
364	II	336	Point No 3	The application shall offer User rights (ensuring security)	We understand that the application should support Security, Authentication, and Authorization using	RFP clauses are self-explanatory.
					· Web-tier authentication (IWA, PKI),	RFP clauses are self-explanatory.
					· GIS-tier authentication (built-in identity)	RFP clauses are self-explanatory.
					· Enterprise logins (SAML 2.0),	RFP clauses are self-explanatory.
· Enterprise Groups (Active Directory and LDAP) and TLS 1.0, 1.1, and 1.2	RFP clauses are self-explanatory.					
Please confirm.						RFP clauses are self-explanatory.
365	II	336	Point No 5	It shall offer an overview or inset	We understand that It Should have out of the box Web Application Functionalities like identifying features on a map, measure distance, interactive north arrow, magnification window, overview window, find place, query attribute, search attribute, editing, geo-processing tasks, adding base maps etc. Please confirm.	RFP clauses are self-explanatory.
366	II	336	Point No 11	Export to excel, pdf, doc formats)	We understand that web GIS application must easily integrate & embed with Microsoft Office application like excel, word etc. for management and city administrators	RFP clauses are self-explanatory.
367	II	336	Point No 10	Online Chart creation on attribute data & Analysis data generated Report Generation	We understand that Web GIS must support GIS based dashboards to showcase the results and information in the form of pie charts, bar charts, histograms, threshold bars, query ,highlight and selections etc.	RFP clauses are self-explanatory.
368	II	327	Data Editing & search 5.1	Shall provide user to edit GIS Features. However, for a bulk data editing, RSCCL shall use Desktop GIS facility, since web based data editing	We understand that Desktop GIS Software should be included in the BOM as bulk data editing will be done using Desktop GIS software. Please confirm.	Please refer to Volume I of the RFP; Desktop GIS application has already been asked for.
369	I	82	Point No 3.75	Desktop GIS with Spatial Analysis, Network Analysis and Data Interoperability (in-built or with extensions)	Will the Desktop GIS should have capability of advance spatial analysis? Desktop GIS should be considered that of advanced level capability. Advance GIS desktop come with all the possible GIS tools which may be required at RSSCL. Please define how many formats should be supported in data interoperability. Also functionalities like Network analysis, spatial nanalysis and data interoperability must be procured as extensions only as it gives out complete feature list of available tools.	As per RFP.
370	II	119	Point No. 47	Use of, GIS tool which allows easy map editing for wide area monitoring (Google map, Bing map, etc.).	As RSSCL is already a user of ArcGIS and has access to ArcGIS resources, the vendor must support services available on ArcGIS platform. MSI should integrate 3rd party map services and provision of OGC standards and SoA compliance using provided mecanisms in ESRI.	No Change
371	II	271	Section: Functional and Technical Requirements of Enterprise GIS, Point 1.2	MSI shall asses the quality of available GIS data and accordingly shall create the GIS data creation plan for remaining data layers in consultation with the RSCCL.	Is RSSCL considering GIS data creation that supports rule based model on industry standard such as Topology, Spatial connectivity rules, relationship, GIS layer domains and subtypes, GIS Geometric network, industry specific editing rules and future scalability? Please clarify? RSSCL should ensure use of industry standard tools like data reviewer and workflow manager for data QC, and workflow management of data creation.	RFP clauses are self-explanatory.
372	II	275	Data editing and search, Point Number 5.1	Shall provide user to edit GIS Features. However, for a bulk data editing, RSCCL shall use Desktop GIS facility	Kindly clarify how many Desktop GIS software will be required for bulk editing. These Desktops should be used as part of a working group managed by a workflow manager and a single versioned database.	RFP clauses are self-explanatory.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
372	II	278	Section: Functional and Technical Requirements of Enterprise GIS, Point Number 24	It shall have a provision to perform Quality Control activity on the data collected from the field before storing on the parent database server.	Quality control should be done as a part of a working group managed by a workflow manager and data reviewer. It should use versioned database.	RFP clauses are self-explanatory.
374	II	279	Point No. 38.4	Respond to Events in Real Time: When locations change or specified criteria are met, automatically and simultaneously send alerts to key personnel, update the map, append the database, and interact with other enterprise systems.	The real time data feed integration will be useful if Alerts can be sent across multiple channels, such as e-mails, texts, and instant messages. The GIS engine providing support to data stream should be able perform these basic analysis to meet current and future requirement.	RFP clauses are self-explanatory.
375	II	281	Technical Requirement: WebGIS Software, Point No. 4	The application shall run on Web browser and be capable to display as base Map, Google Maps as well as the project base map.	As RSSCL is already a user of ArcGIS and has access to ArcGIS resources, the vendor must support services available on ArcGIS platform. MSI should integrate 3rd party map services and provision of OGC standards and SoA compliance using provided mechanisms in ESRI.	RFP clauses are self-explanatory.
376	II	281	Technical Requirement: WebGIS Software, Point Number 11	Export to excel, pdf, doc formats)	Solution should have extensions for MS excel and MS powerpoint where tabular data can be converted into GIS data and analysed using tools like heatmaps and clustering.	RFP clauses are self-explanatory.
377	II	271	Functional and Technical Requirements of Mobile App	Content missing about support of GPS integrated maps in smart city mobile app	A smart city mobile app must come with a mapping interface which is supported on android and iOS systems.	RFP clauses are self-explanatory.
378	II	272	Functional and Technical Requirements of Enterprise GIS. Point Number 1.5	MSI shall use spatial & non-spatial information from GIS database to develop real-time management of various surveillance systems like Traffic Management, VTMS, Smart Parking and incident management, etc.	To integrate spatial and non-spatial data in a real-time environment it is requested that industry standard application like geoevent server be considered. Geoevent server is built on open standards and is very modular to include any additional sensor information coming in to it.	RFP clauses are self-explanatory.
378	II	276	Functional and Technical Requirements of Enterprise GIS. Point Number 6.1	Shall comprise of analytical tools.	Data analysis/analytics will be an important part of smart city data analysis and will have a huge spatial component to be processed. RSSCL is requested to rely on tested workflows and tools to make sense of massive amounts of data. Kindly consider geo-analytics server for this task.	RFP clauses are self-explanatory.
379	II	42	2.8.2 Surveillance System	MSI shall undertake detail assessment for integration of the Surveillance System with the Geographical Information System (GIS) so that physical location of cameras are brought out on the GIS map. Bidder is required to carry out the seamless integration to ensure ease of use of GIS in the Surveillance System Applications/ Dashboards in Command Control Centres. GIS Base Map shall be supplied and integrated by the MSI at 1:1000 scale or better with all surveillance cameras located on the map apart from the updated map of all buildings, utilities and roads. Field survey needs to be done by the MSI. Bidder is required to update GIS maps from time to time	The requested 1:1000 Base Map can only be procured from NRSA (National remote Sensing Agency) Department which comes under ISRO. Currently these base maps of 1:1000 Scale or better is being provided to Emergency Services Dept (Police / Fire / Medical). The procurement process is monotonous and time taking. Our request is, Can we propose Google Maps as the Base Map, since it is available and provides with API's for integration to the Application. Google Maps are always updated with all the general Points of Interest (POI's) that includes names and details of buildings, utilities and roads. The Satellite Image of the City can also be visualised. However field survey will be undertaken to create your specific Points of Interest, Ward Jurisdiction & additional layers as requested in the RFP. This will enable an early implementation of the Enterprise GIS Module	The base map shall be Google maps or similar quality. Bidders have to supply and integrate the same with C4 platform and other components. RSCCL may also decide to provide it's map, if available at the time of implementation, to the MSI. In this case, google maps shall not be procured from the MSI.
380	II	133	4.2.2 Contact Centre	The contact center solution shall include VoIP based EPBAX, IVRS, Automatic Call Distribution (ACD), Voice Logger Server among other hardware and software. Using the contact center solution, citizens can contact city administrator through the emergency communications system or through the contact center helpline number.	Is a Emergency Contact Centre Solution like the Dial 112/ Dial 100 being requested in the RFP or is it a Help Desk solution that is required to be provided. Kindly advise.	Details shall be shared with the successful bidder.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
381	I	12-13	1.3: Project Background	Any functionality not expressly stated in this document but required to meet the needs of the RSCCL to ensure successful operations of the system shall essentially be under the scope of the MSI and for that no extra charges shall be admissible.	Any functionality not expressly stated in this document but required to meet the needs of the RSCCL to ensure successful operations of the system shall be provided through change control process and for that extra charges shall be admissible as mutually decided and contract shall accordingly be amended.	No Change
				The MSI scope of work shall include but will not be limited to the following broad areas with capabilities linked with Ranchi Police Command & Control Centre.	The MSI scope of work shall include the following broad areas with capabilities linked with Ranchi Police Command & Control Centre. Any further scope would be implemented through change control process.	Please consider it as "Ranchi Command Control and Communication Centre."
382	I	16-17	2.2.2: Sub-Contracting	The bidder would not be allowed to sub-contract work, except for the following:	The bidder would not be allowed to sub-contract work, except for the following:	As per RFP.
				· Cabling and fixtures work, and all electrical & civil work (if any) during implementation	· Cabling and fixtures work, and all electrical & civil work (if any) during implementation	As per RFP.
				· Non- Technical Facility Management Staff at Command Control & Communications Centre.	· Non- Technical Facility Management Staff at Command Control & Communications Centre.	As per RFP.
				The MSI/Consortium Partners may subcontract/outsourcing the OEM services like system configurations, commissioning, product servicing and upgradation support during O&M period from OEMs only.	The MSI/Consortium Partners may subcontract/outsourcing the OEM services like system configurations, commissioning, product servicing and upgradation support during O&M period from OEMs only.	As per RFP.
				Sub-contracting shall be allowed only with prior written approval of RSCCL. However, even if the work is sub-contracted, the sole responsibility of the work shall lie with the MSI. RSCCL will have rights to reject the proposed sub-contracting agency without giving any reason.	Sub-contracting shall be allowed only with prior written approval of RSCCL, which consent shall not be unreasonably withheld. However, even if the work is sub-contracted, the sole responsibility of the work shall lie with the MSI.	No Change
383	I	17	2.2.3: Inclusion of MSME	Bidders are encouraged to include Micro, Small and Medium Enterprises (MSMEs) in the delivery of the project. Bidders may earmark a minimum of 20 % of the total contract for procuring goods and services from MSEs. Activities that can be sub-contracted to MSME/MSE partners are restricted to those defined under Sub-Contracting Clause 2.2.2 above.	Bidders are encouraged to include Micro, Small and Medium Enterprises (MSMEs) in the delivery of the project. Bidders may earmark a minimum of 20 % of the total contract for procuring goods and services from MSEs. Activities that can be sub-contracted to MSME/MSE partners are restricted to those defined under Sub-Contracting Clause 2.2.2 above.	Query not clear.
384	I	17	2.2.4: Completeness of Bid	The Bid should be complete in all respects. Failure to furnish all information required by the RFP document or submission of a proposal not substantially responsive to the RFP document in every respect will be at the Bidder's risk and may result in rejection of its Bid and forfeiture of the EMD.	The Bid should be complete in all respects. Failure to furnish all information required by the RFP document or submission of a proposal not substantially responsive to the RFP document in every respect will be at the Bidder's risk and may result in rejection of its Bid.	No Change
385	I	17	2.2.5: Bid Price	i. Commercial Bid shall be as per the format provided in Annexure 3. Bidders shall give the required details of all applicable taxes, duties, other levies and charges etc. in respect of direct transaction between RSCCL and the Bidder.	i. Commercial Bid shall be as per the format provided in Annexure 3. Bidders shall give the required details of all applicable taxes, duties, other levies and charges etc. in respect of direct transaction between RSCCL and the Bidder.	As per RFP.
				ii. Bidders shall quote for the entire scope of contract on a "overall responsibility" basis such that the total bid price covers Bidder's all obligations mentioned in or to be reasonably inferred from the bidding documents in respect of providing the product/services.	ii. Bidders shall quote for the entire scope of contract on a "overall responsibility" basis such that the total bid price covers Bidder's all obligations mentioned in the bidding documents in respect of providing the product/services.	No Change
				iii. Prices quoted by the Bidder shall remain firm during the entire contract period and not subject to variation on any account. A bid submitted with an adjustable price quotation shall be treated as non-responsive and rejected.	iii. Subject to the cost escalation provision agreed by the parties, Prices quoted by the Bidder shall remain firm during the entire contract period A bid submitted with an adjustable price quotation shall be treated as non-responsive and rejected.	No Change
386	I	18	2.2.6: Proposal Preparation costs	All materials submitted by the bidder shall be the absolute property of RSCCL and no copyright etc. shall be entertained by RSCCL.	All materials submitted by the bidder shall be the absolute property of RSCCL and no copyright etc. shall be entertained by RSCCL. RSCCL shall maintain the confidentiality of the proposal submitted by the Bidder.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
387	I	19	2.2.11: Conflict of Interest	The Bidder is required to provide professional, objective, and impartial advice, at all times holding the RSCCL's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.	The Bidder is required to provide professional, objective, and impartial advice, at all times holding the RSCCL's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.	As per RFP.
				The Bidder has an obligation to disclose to the RSCCL any situation of actual or potential conflict that impacts its capacity to serve the best interest of its RSCCL. Failure to disclose such situations may lead to the disqualification of the Bidder or the termination of its Contract.	The Bidder has an obligation to disclose to the RSCCL any situation of actual or potential conflict that impacts its capacity to serve the best interest of its RSCCL. Failure to disclose such situations may lead to the disqualification of the Bidder or the termination of its Contract.	As per RFP.
				In the event of disqualification, RSCCL shall forfeit and appropriate the EMD, if available, with respect to pre-estimated compensation and damages payable to RSCCL for, inter alia, the time, cost and effort of RSCCL including consideration of such Bidder's Bid, without prejudice to any other right or remedy that may be available to RSCCL hereunder or otherwise.		No Change
				<u>Conflict between consulting activities:</u> a firm that has been engaged by the RSCCL to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from subsequently providing goods or works or non-consulting services resulting from or directly related to the consulting services for such preparation or implementation	<u>Conflict between consulting activities:</u> a firm that has been engaged by the RSCCL to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from subsequently providing goods or works or non-consulting services resulting from or directly related to the consulting services for such preparation or implementation	As per RFP.
				<u>Conflict among consulting assignments:</u> a Bidder (including its Experts and Sub-Bidders) or any of its Affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Bidder for the same or for another RSCCL	<u>Conflict among consulting assignments:</u> a Bidder (including its Experts and Sub-Bidders) or any of its Affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Bidder for the same or for another RSCCL	As per RFP.
388	I	19-20	2.2.12: Fraud and Corrupt Practices	b. Without prejudice to the rights of RSCCL under Clause above and the rights and remedies which RSCCL may have under the LOI or the Agreement, if a Bidder is found by RSCCL to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOI or the execution of the Agreement, such Bidder shall not be eligible to participate in any tender or RFP issued by RSCCL during a period of 3 years from the date such Bidder is found by RSCCL to have directly or through an agent, engaged or indulged in any Prohibited Practices.		Query not mentioned.
389	I	21-22	2.2.13: RFP Document/Tender Fees	5. The EMD may be forfeited:	5. The EMD may be forfeited:	As per RFP.
				a. If a Bidder withdraws his bid or increases his quoted prices during the period of bid validity or its extended period, if any.	a. If a Bidder withdraws his bid or increases his quoted prices during the period of bid validity or its extended period, if any.	As per RFP.
				b. In case of a successful bidders, if the Bidder fails to sign the contract in accordance with the terms and conditions.	b. In case of a successful bidders, if the Bidder fails to sign the mutually agreed contract in accordance with the terms and conditions.	As per RFP.
				c. If during the bid process, a bidder indulges in any such deliberate act as would jeopardise or unnecessarily delay the process of bid evaluation and finalisation.		No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
				d. If, during the bid process, any information is found false/fraudulent/mala fide, and then RSCCL shall reject the bid and, if necessary, initiate action.		No Change
				6. The decision of RSCCL regarding forfeiture of the EMD shall be final and binding upon bidders		No Change
390	I	26	2.3.9: Acceptance/Rejection of bids	a. Authority reserves the right to reject in full or part, any or all bids without assigning any reason thereof. Authority reserves the right to assess the Bidder's capabilities and capacity. The decision of Authority shall be final and binding.	a. Authority reserves the right to reject in full or part, any or all bids without assigning any reason thereof. Authority reserves the right to assess the Bidder's capabilities and capacity. The decision of Authority shall be final and binding.	As per RFP.
				b. Bid should be free of over writing. All erasures, correction or addition must be clearly written both in words and figures and attested.	b. Bid should be free of over writing. All erasures, correction or addition must be clearly written both in words and figures and attested.	As per RFP.
				Authority reserves the right to reject the Bid and forfeit the EMD.	Authority reserves the right to reject the Bid.	No Change
391	I	40-41	2.3.20: Replacement	(d) The Authority expects all the Key Personnel specified in the Proposal to be available during implementation of the Agreement. The Authority will not consider any substitution of Key Personnel except under compelling circumstances beyond the control of the MSI and the concerned Key Personnel. Such substitution shall be subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority. Without prejudice to the foregoing, substitution of Key Personnel shall be permitted subject to reduction of payment equal to 0.25% of the subsequent milestone payment for each replacement.	(d) The Authority expects all the Key Personnel specified in the Proposal to be available during implementation of the Agreement. The Authority will not consider any substitution of Key Personnel except under compelling circumstances beyond the control of the MSI and the concerned Key Personnel. Such substitution shall be subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority..	No Change
				(g) Without prejudice to other clauses mentioned in this section, RSCCL can ask for replacement of any Resource deployed on the project and the MSI shall replace such resource within 15 days of such communication received from the RSCCL. No deduction of payment as mentioned in sub-clause (d) shall be applicable in this case.	(g) Without prejudice to other clauses mentioned in this section, RSCCL can ask for replacement of any Resource deployed on the project. RSCCL shall provide the detailed reasons asking for replacement. MSI shall replace such resource within 15 days of such communication received from the RSCCL, if the reasons provided by RSCCL are genuine. No deduction of payment as mentioned in sub-clause (d) shall be applicable in this case.	No Change
392	I	41-42	2.3.21: Eligible Goods and Services, and OEM Criteria	d) During the Demonstration/testing of the field components at technical evaluation stage, the Technical Committee will give special attention to verify the quality, robustness and appropriateness of the proposed camera/other equipment for field scenario/conditions. If any brand / product are found unsuitable, Bidder may get dis-qualified or may be asked to replace the product with better brands meeting the tender requirements, without any change in commercial bid.	d) During the Demonstration/testing of the field components at technical evaluation stage, the Technical Committee will give special attention to verify the quality, robustness and appropriateness of the proposed camera/other equipment for field scenario/conditions. If any brand / product are found unsuitable as per the tender requirements, Bidder may get dis-qualified or may be asked to replace the product with better brands meeting the tender requirements, without any change in commercial bid.	No Change
393	I	43-44	2.3.27: Performance Bank Guarantee	(a) Within fifteen (15) working days from the date of issuance of LOA, the Successful Bidder shall at his own expense submit unconditional and irrevocable Performance Bank Guarantee (PBG) an amount equivalent to 10% of contract value to RSCCL.	(a) Within fifteen (15) working days from the date of issuance of LOA, the Successful Bidder shall at his own expense submit unconditional and irrevocable Performance Bank Guarantee (PBG) an amount equivalent to 10% of contract value to RSCCL.	As per RFP.
				(d) The PBG shall be valid till satisfactory completion of Post Implementation Support. The PBG may be discharged/returned by RSCCL upon being satisfied that there has been due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the PBG. The PBG shall be valid only up to a period of six months after the contract completion period.	(d) The PBG shall be valid till completion of Post Implementation Support. The PBG shall be discharged/returned by RSCCL upon completion of due performance of the obligations of the bidder under the contract. However, no interest shall be payable on the PBG. The PBG shall be valid only up to a period of three months after the contract completion period.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
				(e) In case the project is delayed beyond the project schedule as mentioned in the RFP, the PBG shall be accordingly extended by the MSI till completion of scope of work as mentioned in RFP Volume II.	(e) In case the project is delayed beyond the project schedule as mentioned in the RFP due to the reasons solely, directly and entirely attributable to the Bidder, the PBG shall be accordingly extended by the MSI till completion of scope of work as mentioned in RFP Volume II.	No Change
				(h) On satisfactory performance and completion of the order in all respects and duly certified to this effect by RSCCL, Contract Completion Certificate shall be issued and the PBG would be returned to the MSI.	(h) On completion of the order in all respects and duly certified to this effect by RSCCL, Contract Completion Certificate shall be issued and the PBG would be returned to the MSI.	No Change
394	I	44	2.3.28: Risk Purchase	In the event of failure to adhere to the delivery job/work schedule, RSCCL shall have the right to get the job done or performed from alternate sources at the risk and cost of the MSI and the excess expenditure on account of this shall be recovered from PBG or pending bills or by raising a separate claim.	In the event of failure to adhere to the delivery job/work schedule, RSCCL shall have the right to get the job done or performed from alternate sources at the risk and cost of the MSI and the excess expenditure on account of this shall be recovered from PBG or pending bills or by raising a separate claim. However, recovery of the excess amount shall not exceed 10% of the cost of the undelivered goods/services/job.	No Change
395	I	44	2.3.29: Right to vary quantities	a) At the time of award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased. It shall be without any change in the unit prices or other terms and conditions of the Bid and the bidding documents	a) At the time of award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased. It shall be without any change in the unit prices or other terms and conditions of the Bid and the bidding documents	As per RFP.
				b) If RSCCL does not procure any subject matter of procurement or procures less than the quantity specified in the bidding documents due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the bidding document.	b) If RSCCL does not procure any subject matter of procurement or procures less than the quantity specified in the bidding documents due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the bidding document. However, RSCCL shall not be entitled to reduce the quantities once the order is placed by it upon the bidder.	No Change
				c) Repeat orders for extra items or additional quantities may be placed, if it is provided in the bidding document, on the rates and conditions given in the contract if the original order was given after inviting open competitive bids. Delivery or completion period may also be proportionally increased.	c) Repeat orders for extra items or additional quantities may be placed, if it is provided in the bidding document, on the rates and conditions given in the contract if the original order was given after inviting open competitive bids. Delivery or completion period may also be proportionally increased.	No Change
396	I	44-45	2.3.30: Warranty and Maintenance	c) RSCCL or designated representatives of the bidder shall promptly notify MSI in writing of any claims arising under this warranty. Upon receipt of such notice, the MSI shall, within the warranty period and with all reasonable speed, repair or replace the defective systems, without costs to RSCCL and within time specified and acceptable to RSCCL.	c) RSCCL or designated representatives of the bidder shall promptly notify MSI in writing of any claims arising under this warranty. Upon receipt of such notice, the MSI shall, within the warranty period and with all reasonable speed, repair or replace the defective systems, without costs to RSCCL and within time specified and acceptable to RSCCL.	As per RFP.
				d) If the MSI, having been notified, fails to remedy the defect(s) within the period specified in the contract, RSCCL may proceed to take such reasonable remedial action as may be necessary, at the MSI's risk and expense and without prejudice to any other rights, which RSCCL may have against the bidder under the contract.		No Change
				e) During the comprehensive warranty period, the successful bidder shall provide all product(s) and documentation updates, patches/fixes, and version upgrades within 15 days of their availability and should carry out installation and make operational the same at no additional cost to RSCCL.	RSCCL shall promptly notify Bidder in writing of any 'defect' in the software arising due to the reasons solely and entirely attributable to Bidder under this warranty. Upon receipt of such notification, Bidder shall remove the 'defect' in the application software.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
					The scope of the warranty shall be limited only to correction of any bugs that were left undetected during acceptance testing by the RSCCL. Warranty shall not cover any enhancements or changes in the application software, carried out after acceptance testing. This warranty is only valid for defects against approved Specifications. The above mentioned warranty shall also not apply if there is any (i) combination, operation, or use of some or all of the deliverables or any modification thereof furnished hereunder with information, software, specifications, instructions, data, or materials not approved by Bidder and operation of the deliverables on incompatible hardware not recommended by Bidder; (ii) any change, not made by Bidder, to some or all of the deliverables; or (iii) if the deliverables have been tampered with, altered or modified by the RSCCL without the written permission of Bidder; or (iv) defects in components or materials provided to Bidder by RSCCL in connection with the preparation of the deliverable.	No Change
					In case of breach of this warranty, RSCCL's exclusive remedy will be to obtain (1) the re-performance of the service or the correction or replacement of any service deliverable that provides substantially similar functionality or (2) if both parties mutually determines that such remedies are not practicable, a refund of the fees allocable to that part of the deliverable will be due to the RSCCL if already paid by the RSCCL.	No Change
					EXCEPT AS SET FORTH IN THIS AGREEMENT, BIDDER MAKES NO WARRANTIES TO RSCCL, EXPRESS OR IMPLIED, WITH RESPECT TO ANY SERVICES OR DELIVERABLES PROVIDED HEREUNDER, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ALL SUCH OTHER WARRANTIES ARE HEREBY DISCLAIMED BY THE BIDDER.	No Change
					The following are the exclusions and limitations to Hardware Warranty	No Change
					Warranty exclusions:	
					This warranty excludes defects attributable to external factors beyond the Bidder's control, including power supply fluctuations, or the RSCCL's alterations, misuse or negligence.	No Change
					Limitations to Warranty:	
					a) If any of the Deliverables have been tampered with or altered by any unauthorised person from the RSCCL's side, either by way of retrofitting or otherwise, the warranty provided by the bidder shall be rendered void to that extent.	No Change
					b) If the RSCCL uses any of the Deliverables in disregard to any operating instructions, the warranty shall be rendered void to that extent.	No Change
					c) Any abuse, negligent use or misuse of any of the Deliverables shall render the warranty void to that extent.	No Change
					e) During the comprehensive warranty period, the successful bidder shall provide all product(s) and documentation updates, patches/fixes, and version upgrades within 15 days of their availability and should carry out installation and make operational the same at an additional cost to RSCCL.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
397	I	45-46	2.3.32: Failure to agree with the Terms & Conditions of the RFP	Failure of the successful bidder to agree with the Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of the award, in which event Authority may call for new bids. In such a case, Authority shall invoke the PBG and/or forfeit the EMD.	Failure of the successful bidder to agree with the Terms & Conditions of the RFP shall constitute sufficient grounds for the annulment of the award, in which event Authority may call for new bids.	No Change
398	I	49-50	Annexure 1.2: Pre-Qualification Cover letter: Volume I	e) We have carefully read and understood the terms and conditions of the RFP and the conditions of the contract applicable to the RFP. We do hereby undertake to provision as per these terms and conditions.	e) We have carefully read and understood the terms and conditions of the RFP and the conditions of the contract applicable to the RFP. We do hereby undertake to provision as per these terms and conditions.	No Change
				f) We affirm that the prices quoted are inclusive of design, development, delivery, installation, commissioning, training, providing facility management and handholding support, and inclusive of all out of pocket expenses, taxes, levies discounts etc.	f) We affirm that the prices quoted are inclusive of design, development, delivery, installation, commissioning, training, providing facility management and handholding support, and inclusive of all out of pocket expenses, discounts but exclusive of all taxes, duties levies etc.	No Change
399	I	71-72	Annexure 3.1: Financial Proposal Cover Letter	2. I / We undertake that the prices are in conformity with the specifications prescribed. The quote/ price are inclusive of all cost likely to be incurred for executing this work. The prices are inclusive of all type of govt. taxes/duties as mentioned in the financial bid (BoQ).	2. I / We undertake that the prices are in conformity with the specifications prescribed. The prices are exclusive of all type of govt. taxes/duties as mentioned in the financial bid (BoQ).	No Change
				5. I/ We have examined and have no reservations to the Bidding Documents, including any corrigendum/addendums issued by RSCCL;	5. Subject to the deviations submitted along with the bid proposal, I/ We have examined and have no reservations to the Bidding Documents, including any corrigendum/addendums issued by RSCCL;	No Change
				6. I/We understand that any additional hardware and software required to make the entire solution operational shall have to be provided by us.		No Change
				11. We understand that you are not bound to accept the lowest or any bid you may receive. We agree to all the terms & conditions as mentioned in the RFP document and submit that we have not submitted any deviations in this regard.	11. We understand that you are not bound to accept the lowest or any bid you may receive. Subject to the deviations submitted along with the bid proposal. we agree to all the terms & conditions as mentioned in the RFP document..	No Change
400	I	73-74	Annexure 3.2 - Financial Proposal Format & Instructions	CAPEX bid price proposed by the bidder shall not exceed 65% of total Bid price under any circumstances. In case the bidder quotes higher figures towards capital costs the same shall be restricted to 65% while making payments towards Capex.	CAPEX bid price proposed by the bidder shall not exceed 65% of total Bid price under any circumstances. In case the bidder quotes higher figures towards capital costs the same shall be restricted to 65% while making payments towards Capex.	As per RFP.
				Prices indicated in the schedules shall be inclusive of all taxes, Levies, duties etc. The prices should also specify 5 year support cost as per provided formats.	Prices indicated in the schedules shall be exclusive of all taxes, Levies, duties etc. The prices should also specify 5 year support cost as per provided formats.	No Change
				The Unit Rate as mentioned in the following formats may be used for the purpose of 'Change Order' for respective items, if any. However, based on the market trends, RSCCL retains the right to negotiate this rate for future requirement	The Unit Rate as mentioned in the following formats may be used for the purpose of 'Change Order' for respective items, if any.	No Change
				The variation in individual item of quantities permitted, provided it shall not exceed ± 20% in individual item of quantities. The successful bidder shall not object to the upward or downward variation in quantities of any item within the variation limits	The variation in individual item of quantities permitted, provided it shall not exceed ± 20% in individual item of quantities. The successful bidder shall not object to the upward or downward variation in quantities of any item within the variation limits. There should not be any downward variation in quantities once the order is placed upon the bidder.	No Change
				Payment for additional quantities within the variation limit shall be made at tender rates and the tender rates shall be valid for entire duration of the contract.	Payment for additional quantities within the variation limit shall be made at tender rates and the tender rates shall be valid for entire duration of the contract.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
				Bidder shall be bound to give same or more % of discount on the list price of the OEMs on the future purchases (additional purchases within the contract period) by RSCCL. Bidder shall ensure that the future products supplied are of latest specifications as per the OEM roadmap.		No Change
				RSCCL also intends to utilize various rates obtained through this tender for requirements across various departments. Bidders are requested to factor this larger demand and give the best possible rate to RSCCL		No Change
				No escalations of prices will be considered under any circumstances.	Subject to cost escalation provision agreed by the parties, no escalations of prices will be considered under any circumstances.	No Change
				Bidders must carefully read the Scope, Technical & Functional Requirements and the SLAs mentioned in this RFP and accordingly propose the software, hardware, accessories and services and their respective quantities required to completely meet the requirements of this RFP. To meet the requirements of this RFP, no request for Change Order shall be entertained.	Bidders must carefully read the Scope, Technical & Functional Requirements and the SLAs mentioned in this RFP and accordingly propose the software, hardware, accessories and services and their respective quantities required to completely meet the requirements of this RFP.	No Change
				RSCCL reserves the right to extend the O&M contract.	The O&M contract can be extended with mutual consent of the parties at mutually decided terms, conditions and rates.	No Change
401	I	120	Annexure-7: Declaration of Data Security	We Who are established and reputable bidder having office at Do hereby certify that RSCCL shall have absolute right on the digital data and output products processed / produced by us.	We Who are established and reputable bidder having office at Do hereby certify that RSCCL shall have absolute right on the digital data and output products processed / produced by us specifically for this project	No Change
402	I	121-123	Annexure 8 – Format for Performance Bank Guarantee	This Performance Bank Guarantee shall continue and hold good till 180 days after completion of the Contract Period, subject to the terms and conditions in the said Contract.	This Performance Bank Guarantee shall continue and hold good till 90 days after completion of the Contract Period, subject to the terms and conditions in the said Contract.	No Change
				Our liability under this Performance Bank Guarantee shall not exceed 10 % (CAPEX + OPEX) of the Total Contract Value. This Performance Bank Guarantee shall be valid only from the date of signing of Contract to 180 days after the End of Contract Period; and	Our liability under this Performance Bank Guarantee shall not exceed 10 % (CAPEX + OPEX) of the Total Contract Value. This Performance Bank Guarantee shall be valid only from the date of signing of Contract to 90 days after the End of Contract Period; and	No Change
				We are liable to pay the guaranteed amount or part thereof under this Performance Bank Guarantee only and only if we receive a written claim or demand on or before 180 days after the completion of Contract Period.	We are liable to pay the guaranteed amount or part thereof under this Performance Bank Guarantee only and only if we receive a written claim or demand on or before 90 days after the completion of Contract Period.	No Change
				Suggested Addition:		
					This Bank Guarantee issued by _____ Bank, on behalf of the Bidder in favor of RSCCL is in respect of the Contract/agreement dated _____.	As per RFP.
					As communicated by Bidder on the date of execution of this Bank Guarantee an amount of Rupees _____ (Rupees _____ only) is outstanding and payable to Bidder by RSCCL, in respect of pervious contracts between Bidder and RSCCL.	As per RFP.
					As communicated by Bidder on the date of execution of this Bank Guarantee, there are no outstanding disputes related to any pervious contracts between Bidder and RSCCL.	As per RFP.
403	I	124-125	Annexure-9: Format of EMD/Proposal Security (Bank Guarantee)	Format of EMD/Proposal Security (Bank Guarantee)	Please add:	As per RFP.
					THE CONDITIONS of this obligation are:	As per RFP.
					1. If the Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Form; or	As per RFP.
					2. If the Bidder, having been notified of the acceptance of its Bid by the RSCCL during the period of Bid validity:	As per RFP.

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					(a) fails or refuses to execute the mutually agreed Contract Form if required; or	As per RFP.
					(b) fails or refuses to furnish the performance bank guarantee, in accordance with the Instruction to Bidders.	As per RFP.
					We undertake to pay the RSCCL up to the above amount upon receipt of its first written demand, without the RSCCL having to substantiate its demand, provided that in its demand the RSCCL will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.	As per RFP.
404	III	20-21	15: Indemnity	15.1. MSI shall indemnify RSCCL from and against any costs, loss, damages, expense, claims including those from third parties or liabilities of any kind howsoever suffered, arising or incurred inter alia during and after the Contract period out of:	15.1. MSI shall indemnify RSCCL from and against any costs, loss, damages, expense, claims from third parties arising or incurred inter alia during the Contract period out of:	No Change
				· any negligence or wrongful act or omission by MSI or any third party associated with MSI in connection with or incidental to this Contract; or		As per RFP.
				· any breach of any of the terms of MSI's bid as agreed, the RFP and this Contract by MSI	Bidder shall have no obligations with respect to any Infringement Claims to the extent that the Infringement Claim arises or results from: (i) Bidder's compliance with RSCCL's specific technical designs or instructions (except where Bidder knew or should have known that such compliance was likely to result in an Infringement Claim and Bidder did not inform RSCCL of the same); (ii) inclusion in a Deliverable of any content or other materials provided by RSCCL and the infringement relates to or arises from such RSCCL materials or provided material; (iii) modification of a Deliverable after delivery by Bidder to RSCCL if such modification was not made by or on behalf of the Bidder; (iv) operation or use of some or all of the Deliverable in combination with products, information, specification, instructions, data, materials not provided by Bidder; or (v) use of the Deliverables for any purposes for which the same have not been designed or developed or other than in accordance with any applicable specifications or documentation provided under the applicable Statement of Work by the Bidder; or (v) use of a superseded release of some or all of the Deliverables or RSCCL's failure to use any modification of the Deliverable furnished under this Agreement including, but not limited to, corrections, fixes, or enhancements made available by the Bidder.	No Change
				· any infringement of patent, trademark/copyright or industrial design rights arising from the use of the supplied goods and related services or any part thereof	· any infringement of patent, trademark/copyright or industrial design rights arising from the use of the supplied goods and related services or any part thereof	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
				15.2. SI shall also indemnify RSCCL against any privilege, claim or assertion made by a third party with respect to right or interest in, ownership, mortgage or disposal of any asset, property etc.	In the event that RSCCL is enjoined or otherwise prohibited, or is reasonably likely to be enjoined or otherwise prohibited, from using any Deliverable as a result of or in connection with any claim for which Bidder is required to indemnify RSCCL under this section according to a final decision of the courts or in the view of Bidder, Bidder, may at its own expense and option: (i) procure for RSCCL the right to continue using such Deliverable; (ii) modify the Deliverable so that it becomes non-infringing without materially altering its capacity or performance; (iii) replace the Deliverable with work product that is equal in capacity and performance but is non-infringing; or (iv) If such measures do not achieve the desired result and if the infringement is established by a final decision of the courts or a judicial or extrajudicial settlement, the Bidder shall refund RSCCL the fees effectively paid for that Deliverable by RSCCL subject to depreciation for the period of Use, on a straight line depreciation over a 5 year period basis. The foregoing provides for the entire liability of the Bidder and the exclusive remedy of RSCCL in matters related to infringement of third party intellectual property rights.	No Change
				15.3. Regardless of anything contained (except for MSI's liability for bodily injury and/ or damage to tangible and real property for which it is legally liable and it's liability for patent and copyright infringement in accordance with the terms of this Agreement) the total liability of MSI, is restricted to the total value of the contract		No Change
					RSCCL shall not be entitled to seek any indemnification from the Bidder unless RSCCL provides the Bidder with (i) prompt written notice of any claim, demand or action for which RSCCL is seeking or may seek indemnification hereunder and gives the Bidder the right to have sole control over the defense and settlement negotiations; (ii) does not make any statement or admission in relation to such claim which may prejudicially affect the chances of settlement or defense of such claim; (iii) reasonably cooperate with the Bidder in assisting the defense of the claim and in the negotiations or settlements of any such claim, demand or action by providing all assistance and information to perform the above obligations; and (iv) allow the Bidder, at its own expense, exclusively defend such litigation, negotiations and settlements with counsel of its own choosing.	No Change
					RSCCL warrants that all software, information, data, materials and other assistance provided by it under this proposal shall not infringe any intellectual property rights of third parties, and agrees that it shall at all times indemnify and hold Bidder harmless from any loss, claim, damages, costs, expenses, including Attorney's fees, which may be incurred as a result of any action or claim that may be made or initiated against it by any third parties alleging infringement of their right.	No Change
405	III	22-23	18: Dispute Resolution	18.11. It is a term of the contract that the party invoking arbitration shall specify all disputes to be referred to arbitration at the time of invocation of arbitration and not thereafter. 18.12. It is also a term of the contract that neither party to the contract shall be entitled for any interest on the amount of the award.		Query not clear.

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
406	III	24	22: Force Majeure	22.2. The failure or occurrence of a delay in performance of any of the obligations of either party shall constitute a Force Majeure event only where such failure or delay could not have reasonably been foreseen war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, Vandalism(due to Law & Order situation), Terrorism, explosions, epidemics, quarantine restriction, strikes, lockouts or act of God (hereinafter referred to as events) , or where despite the presence of adequate and stipulated safeguards the failure to perform obligations has occurred at any location in scope.. In such an event, the affected party shall inform the other party in writing within five days of the occurrence of such event. Any failure or lapse on the part of MSI in performing any obligation as is necessary and proper, to negate the damage due to projected force majeure events or to mitigate the damage that may be caused due to the above mentioned events or the failure to provide adequate disaster management/ recovery or any failure in setting up a contingency mechanism would not constitute force majeure, as set out above.	22.2. The failure or occurrence of a delay in performance of any of the obligations of either party shall constitute a Force Majeure event only where such failure or delay could not have reasonably been foreseen or if it is beyond the reasonable control of the Bidder such as war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, Vandalism(due to Law & Order situation), Terrorism, explosions, epidemics, quarantine restriction, strikes, lockouts or act of God (hereinafter referred to as events) , or where despite the presence of adequate and stipulated safeguards the failure to perform obligations has occurred at any location in scope.. In such an event, the affected party shall inform the other party in writing within five days of the occurrence of such event.	As per RFP.
				22.3. In case of a Force Majeure, all Parties shall endeavor to agree on an alternate mode of performance in order to ensure the continuity of service and implementation of the obligations of a party under the Contract and to minimize any adverse consequences of Force Majeure.	22.3. In case of a Force Majeure, all Parties shall endeavor to agree on an alternate mode of performance, if possible in order to ensure the continuity of service and implementation of the obligations of a party under the Contract and to minimize any adverse consequences of Force Majeure.	As per RFP.
					In the event of delay in performance attributable to the presence of a force majeure event, the time for performance shall be extended by a period(s) equivalent to the duration of such delay. If the duration of delay continues beyond a period of 30 days, then either party may at any time thereafter while such performance continues to be excused, terminate this Assignment without liability, by notice in writing to the other party.	No Change
					Bidder shall be entitled to receive payments for all services rendered by it under this Assignment.	No Change
407	III	27	28: Limitation of Liability	Limitation of MSI's Liability towards RSCCL:	Limitation of MSI's Liability towards RSCCL:	As per RFP.
				28.1. Neither Party shall be liable to the other Party for any indirect or consequential loss or damage (including loss of revenue and profits) arising out of or relating to the Contract.	28.1. Neither Party shall be liable whether in contract, tort, or otherwise, to the other Party for any special, punitive, indirect, exemplary, incidental or consequential losses, damages, claims, liabilities, charges, costs, expenses or injuries, including, without limitation, loss of use, data, revenue, business profits and for any claims of customers of the RSCCL or other third parties claiming through RSCCL arising out of or relating to the Contract even if such Party has been advised in advance of their possibility.	As per RFP.
				28.2. Except in case of gross negligence or wilful misconduct on the part of MSI or on the part of any person or company acting on behalf of MSI in carrying out the Services, MSI, with respect to damage caused by MSI to RSCCL's property, shall not be liable to RSCCL:	The total cumulative liability of Bidder arising from or relating to this Agreement shall not exceed the total amount paid to Bidder by RSCCL in the preceding twelve months under that applicable work that gives rise to such liability (as of the date the liability arose); provided, however, that this limitation shall not apply to any liability for damages arising from (a) willful misconduct or (b) indemnification against third party claims for infringement.	As per RFP.

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				i. for any indirect or consequential loss or damage; and	Bidder shall be excused and not be liable or responsible for any delay or failure to perform the services or failure of the services or a deliverable under this Agreement, to the extent that such delay or failure has arisen as a result of any delay or failure by RSCCL or its employees or agents or third party service providers to perform any of its duties and obligations as set out in this Agreement. In the event that Bidder is delayed or prevented from performing its obligations due to such failure or delay on the part of or on behalf of RSCCL, then Bidder shall be allowed an additional period of time to perform its obligations and unless otherwise agreed the additional period shall be equal to the amount of time for which Bidder is delayed or prevented from performing its obligations due to such failure or delay on the part of or on behalf of RSCCL. Such failures or delays shall be brought to the notice of RSCCL and subject to mutual agreement with RSCCL, then Bidder shall take such actions as may be necessary to correct or remedy the failures or delays. Bidder shall be entitled to invoice RSCCL for additional costs incurred in connection with correction or remedy as above at time & material rate card as agreed upon between the parties	As per RFP.
				ii. for any direct loss or damage that exceeds the total payments payable under the Contract to MSI hereunder.		As per RFP.
				28.3. This limitation of liability shall not affect MSI liability, if any, for damage to Third Parties caused by MSI or any person or company acting on behalf of MSI in carrying out the Services.		As per RFP.
408	III	27	29: Ownership and Retention of Documents	29.1. RSCCL shall own the Documents, prepared by or for MSI arising out of or in connection with the Contract.	29.1. RSCCL shall own the Documents, prepared specifically for this project by or for MSI arising out of or in connection with the Contract .	No Change
409	III	29	33: Confidentiality	33.1. MSI shall not, either during the term or after expiration of this Contract, disclose any proprietary or confidential information relating to the Services/Contract and/or RSCCL's business/ operations, information, Application/software, hardware, business data, architecture schematics, designs, storage media and other information / documents without the prior written consent of RSCCL.	33.1. MSI shall not, either during the term or for 2 years after expiration or termination of this Contract, disclose any proprietary or confidential information relating to the Services/Contract and/or RSCCL's business/ operations, information, Application/software, hardware, business data, architecture schematics, designs, storage media and other information / documents without the prior written consent of RSCCL.	No Change
				33.2. RSCCL reserves the right to adopt legal proceedings, civil or criminal, against MSI in relation to a dispute arising out of breach of obligation by MSI under this clause.	33.2. RSCCL reserves the right to adopt legal proceedings, civil or criminal, against MSI in relation to a dispute arising out of breach of obligation by MSI under this clause.	No Change
				33.3. MSI shall do everything reasonably possible to preserve the confidentiality of the Confidential Information including execution of a confidentiality agreement with RSCCL to the satisfaction of RSCCL.	33.3. MSI shall do everything reasonably possible to preserve the confidentiality of the Confidential Information including execution of a confidentiality agreement with RSCCL on mutually agreed terms and conditions.	No Change
				33.4. MSI shall notify RSCCL promptly if it is aware of any disclosure of the Confidential Information otherwise than as permitted by the Contract or with RSCCL of RSCCL.	33.4. MSI shall notify RSCCL promptly if it is aware of any disclosure of the Confidential Information otherwise than as permitted by the Contract or with RSCCL of RSCCL.	No Change
				33.5. MSI shall be liable to fully recompense RSCCL for any loss of revenue arising from breach of confidentiality.	Every piece of Confidential information should be designated or marked as 'confidential' by RSCCL at the time of disclosure of such information to the Bidder or where disclosed orally being confirmed in writing by RSCCL within fifteen days of such oral disclosure.	No Change
					RSCCL shall also maintain the confidentiality of information/documents shared by the Bidder with it.	No Change
					This restriction does not limit the right to use confidential information if it:	No Change
					Is obtained from another source without restriction.	No Change

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					Is in the possession of, or was known to, the receiving party prior to its receipt, without an obligation to maintain confidentiality;	No Change
					becomes generally known to the public without violation of this Proposal;	No Change
					is independently developed by the receiving party without the use of confidential information and without the participation of individuals who have had access to confidential information;	No Change
					is required to be provided under any law, or process of law duly executed.	No Change
410		29-30	34: Termination	RSCCL may, terminate this Contract in whole or in part by giving MSI a prior and written notice indicating its intention to terminate the Contract under the following circumstances:	RSCCL may, terminate this Contract in whole or in part by giving MSI a prior and written notice of 60 days indicating its intention to terminate the Contract under the following circumstances:	No Change
				34.1. Where RSCCL is of the opinion that there has been such Event of Default on the part of MSI/MSI's Team which would make it proper and necessary to terminate this Contract and may include failure on the part of MSI to respect any of its commitments with regard to any part of its obligations under its Bid, the RFP or under this Contract.	34.1. Where RSCCL is of the opinion that there has been such Event of Default on the part of MSI/MSI's Team which would make it proper and necessary to terminate this Contract and may include failure on the part of MSI to respect any of its commitments with regard to any part of its material obligations under its Bid, the RFP or under this Contract, provided the failure is for reasons solely, directly and entirely attributable to the bidder and not due to RSCCL and/or its other vendors or due to reasons of Force Majeure.	No Change
				34.2. Where it comes to RSCCL's attention that MSI (or MSI's Team) is in a position of actual conflict of interest with the interests of RSCCL, in relation to any of terms of MSI's Bid, the RFP or this Contract.	Prior to providing a written notice of termination to the Bidder, RSCCL shall provide the bidder with a written notice of 30 days to cure any breach of the Contract. The decision to terminate the contract shall be taken only if the breach continues or remains unrectified, for reasons within the control of Bidder, even after the expiry of the cure period.	No Change
				34.3. Where MSI's ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever, including inter-alia the filing of any bankruptcy proceedings against MSI, any failure by MSI to pay any of its dues to its creditors, the institution of any winding up proceedings against MSI or the happening of any such events that are adverse to the commercial viability of MSI. In the event of the happening of any events of the above nature, RSCCL shall reserve the right to take any steps as are necessary, to ensure the effective transition of the sites pilot site to a successor agency, and to ensure business continuity	34.2. Where it comes to RSCCL's attention that MSI (or MSI's Team) is in a position of actual conflict of interest with the interests of RSCCL, in relation to any of terms of MSI's Bid, the RFP or this Contract.	No Change
				34.4. Termination for Insolvency: RSCCL may at any time terminate the Contract by giving written notice to MSI, without compensation to MSI, if MSI becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to RSCCL.	34.3. Where MSI's ability to survive as an independent corporate entity is threatened or is lost owing to any reason whatsoever, including inter-alia the filing of any bankruptcy proceedings against MSI, any failure by MSI to pay any of its dues to its creditors, the institution of any winding up proceedings against MSI or the happening of any such events that are adverse to the commercial viability of MSI. In the event of the happening of any events of the above nature, RSCCL shall reserve the right to take any steps as are necessary, to ensure the effective transition of the sites pilot site to a successor agency, and to ensure business continuity	No Change
				34.5. MSI may, subject to approval by RSCCL, terminate this Contract before the expiry of the term by giving RSCCL a prior and written notice at least 3 months in advance indicating its intention to terminate the Contract.	34.4. Termination for Insolvency: RSCCL may at any time terminate the Contract by giving written notice to MSI, without compensation to MSI, if MSI becomes bankrupt or otherwise insolvent, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to RSCCL.	No Change

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					34.5. MSI may, subject to approval by RSCCL, terminate this Contract before the expiry of the term by giving RSCCL a prior and written notice at least 3 months in advance indicating its intention to terminate the Contract.	No Change
					In the event of the termination, RSCCL shall be liable to make payment of the entire amount due under the contract for which services have been rendered by the Bidder.	No Change
					If there is a breach by RSCCL under the terms of the Agreement, then the Bidder may give a 15 days' notice for curing the breach. In the event the breach continues, the Bidder will have the option to terminate the Agreement.	No Change
					If any amount due and payable by RSCCL under the Agreement is more than 30 days overdue; and there is no dispute between RSCCL and Bidder in relation to that amount, Bidder may issue to RSCCL a notice that payment is overdue. If RSCCL fails to pay Bidder within 7 days after the date of such notice, Bidder may by a further notice to RSCCL terminate the Agreement or at its election withdraw services or stop performance of its obligations until payment is made.	No Change
					Bidder may also terminate the contract if RSCCL goes into liquidation voluntarily or otherwise or an attachment is levied or continues to be levied for a period of 7 days upon effects of the Agreement.	No Change
411	III	35: Consequences of Termination	30	35.1. In the event of termination of the Contract due to any cause whatsoever, whether consequent to the stipulated Term of the Contract or otherwise RSCCL shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the project which MSI shall be obliged to comply with and take all available steps to minimize loss resulting from that termination/breach, and further allow and provide all such assistance to RSCCL and/ or the successor agency/ service provider, as may be required, to take over the obligations of MSI in relation to the execution/continued execution of the requirements of the Contract.	35.1. In the event of termination of the Contract due to default on the part of the Bidder, RSCCL shall be entitled to issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the project which MSI shall be obliged to comply with and take all available steps to minimize loss resulting from that termination/breach, and further allow and provide all such assistance to RSCCL and/ or the successor agency/ service provider, as may be required, to take over the obligations of MSI in relation to the execution/continued execution of the requirements of the Contract.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
				35.2. Where the termination of the Contract is prior to its stipulated term on account of a Default on the part of MSI or due to the fact that the survival of MSI as an independent corporate entity is threatened/has ceased, or for any other reason, whatsoever, RSCCL, through unilateral re-determination of the consideration payable to MSI, shall pay MSI for that part of the Services which have been authorized by RSCCL and satisfactorily performed by MSI up to the date of termination. Without prejudice to any other rights, RSCCL may retain such amounts from the payment due and payable by RSCCL to MSI as may be required to offset any losses caused to RSCCL as a result of any act/omissions of MSI. In case of any loss or damage due to default on the part of MSI in performing any of its obligations with regard to executing the Schedule of Requirements under the contract, MSI shall compensate RSCCL for any such loss, damages or other costs, incurred by RSCCL. Additionally, members of its team shall perform all its obligations and responsibilities under the Contract in an identical manner as were being performed before the collapse of MSI as described above in order to execute an effective transition and to maintain business continuity. All third parties shall continue to perform all/any functions as stipulated by RSCCL and as may be proper and necessary to execute the Schedule of Requirements under the Contract in terms of MSI's Bid, the Bid Document and the Contract	35.2. Where the termination of the Contract is prior to its stipulated term on account of a Default on the part of MSI or due to the fact that the survival of MSI as an independent corporate entity is threatened/has ceased, RSCCL, through unilateral re-determination of the consideration payable to MSI, shall pay MSI for that part of the Services which have been authorized by RSCCL and performed by MSI up to the date of termination. Without prejudice to any other rights, RSCCL may retain such amounts from the payment due and payable by RSCCL to MSI as may be required to offset any losses caused to RSCCL as a result of any negligent act/omissions of MSI. In case of any loss or damage due to default on the part of MSI in performing any of its obligations with regard to executing the Schedule of Requirements under the contract, MSI shall compensate RSCCL for any such loss, damages or other costs, incurred by RSCCL. Additionally, members of its team shall perform all its obligations and responsibilities under the Contract in an identical manner as were being performed before the collapse of MSI as described above in order to execute an effective transition and to maintain business continuity. All third parties shall continue to perform all/any functions as stipulated by RSCCL and as may be proper and necessary to execute the Schedule of Requirements under the Contract in terms of MSI's Bid, the Bid Document and the Contract	No Change
412	III	31-32	36: Events of Default by MSI	<p>The failure on the part of MSI to perform any of its obligations or comply with any of the terms of this Contract shall constitute an Event of Default on the part of MSI. The events of default are but not limited to:</p> <p>36.1. MSI/ MSI's Team has failed to perform any instructions or directives issued by RSCCL which it deems proper and necessary to execute the scope of work or provide services under the Contract, or</p> <p>36.2. MSI/ MSI's Team has failed to confirm / adhere to any of the key performance indicators as laid down in the Key Performance Measures / Service Levels, or if MSI has fallen short of matching such standards / benchmarks / targets as RSCCL may have designated with respect to the system or any goods, task or service, necessary for the execution of the scope of work and performance of services under this Contract. The above mentioned failure on the part of MSI may be in terms of failure to adhere to performance, quality, timelines, specifications, requirements or any other criteria as defined by RSCCL.</p> <p>36.3. MSI has failed to remedy a defect or failure to perform its obligations in accordance with the specifications issued by RSCCL, despite being served with a default notice which laid down the specific deviance on the part of MSI/MSI's Team to comply with any stipulations or standards as laid down by RSCCL; or</p>	<p>The failure on the part of MSI to perform any of its obligations or comply with any of the terms of this Contract shall constitute an Event of Default on the part of MSI, provided the failure to perform is for reasons solely, directly and entirely attributable to the bidder and not due to RSCCL and/or its other vendors or due to reasons of Force Majeure.</p> <p>The events of default are but not limited to:</p> <p>36.1. MSI/ MSI's Team has failed to perform any instructions or directives issued by RSCCL which it deems proper and necessary to execute the scope of work or provide services under the Contract provided the failure to perform is for reasons solely, directly and entirely attributable to the bidder and not due to RSCCL and/or its other vendors or due to reasons of Force Majeure.</p> <p>, or</p>	<p>No Change</p> <p>No Change</p> <p>No Change</p> <p>No Change</p>

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				36.4. MSI/MSI's Team has failed to adhere to any amended direction, instruction, modification or clarification as issued by RSCCL during the term of this Contract and which RSCCL deems proper and necessary for the execution of the scope of work under this Contract	36.2. MSI/ MSI's Team has failed to confirm / adhere to any of the key performance indicators as laid down in the Key Performance Measures / Service Levels, or if MSI has fallen short of matching such standards / benchmarks / targets as RSCCL may have designated with respect to the system or any goods, task or service, necessary for the execution of the scope of work and performance of services under this Contract, provided the failure is for reasons solely, directly and entirely attributable to the bidder and not due to RSCCL and/or its other vendors or due to reasons of Force Majeure. The above mentioned failure on the part of MSI may be in terms of failure to adhere to performance, quality, timelines, specifications, requirements or any other criteria as defined by RSCCL;	No Change
				36.5. MSI/MSI's Team has failed to demonstrate or sustain any representation or warranty made by it in this Contract, with respect to any of the terms of its Bid, the RFP and this Contract	36.3. MSI has failed to remedy a defect or failure to perform its obligations in accordance with the specifications issued by RSCCL, despite being served with a default notice which laid down the specific deviance on the part of MSI/MSI's Team to comply with any stipulations or standards as laid down by RSCCL, provided the failure is for reasons solely, directly and entirely attributable to the bidder and not due to RSCCL and/or its other vendors or due to reasons of Force Majeure.	No Change
				36.6. There is a proceeding for bankruptcy, insolvency, winding up or there is an appointment of receiver, liquidator, assignee, or similar official against or in relation to MSI.	; or	No Change
				36.7. MSI/ MSI's Team has failed to comply with or is in breach or contravention of any applicable laws.	36.5. MSI/MSI's Team has failed to demonstrate or sustain any representation or warranty made by it in this Contract, with respect to any of the terms of its Bid, the RFP and this Contract	No Change
				36.8. Where there has been an occurrence of such defaults inter alia as stated above, RSCCL shall issue a notice of default to MSI, setting out specific defaults / deviances / omissions / non-compliances / non-performances and providing a notice of thirty (30) days to enable such defaulting party to remedy the default committed.	36.6. There is a proceeding for bankruptcy, insolvency, winding up or there is an appointment of receiver, liquidator, assignee, or similar official against or in relation to MSI.	No Change
				36.9. Where despite the issuance of a default notice to MSI by RSCCL, MSI fails to remedy the default to the satisfaction of RSCCL, RSCCL may, where it deems fit, issue to the defaulting party another default notice or proceed to contract termination.	36.7. MSI/ MSI's Team has failed to comply with or is in breach or contravention of any applicable laws.	No Change
					36.8. Where there has been an occurrence of such defaults inter alia as stated above, RSCCL shall issue a notice of default to MSI, setting out specific defaults / deviances / omissions / non-compliances / non-performances and providing a notice of thirty (30) days to enable such defaulting party to remedy the default committed.	No Change
					36.9. Where despite the issuance of a default notice to MSI by RSCCL, MSI fails to remedy the default to the satisfaction of RSCCL, RSCCL may, where it deems fit, issue to the defaulting party another default notice or proceed to contract termination.	No Change
413	III	32-33	37: Change Control Note	37.4.3. Each Party shall be responsible for its own costs incurred in the quotation, preparation of CCNs and in the completion of its obligations described in this process provided MSI meets the obligations as set in the CCN. In the event MSI is unable to meet the obligations as defined in the CCN then the cost of getting it done by third party shall be borne by MSI. Change requests and CCNs shall be reported monthly to each Party's representative who shall prioritize and review progress.	37.4.3. Each Party shall be responsible for its own costs incurred in the quotation, preparation of CCNs and in the completion of its obligations described in this process provided MSI meets the obligations as set in the CCN. Change requests and CCNs shall be reported monthly to each Party's representative who shall prioritize and review progress.	No Change

Sr.	RFP Volume	Page No.	Clause No.	Clause Description	Change / Clarification requested	Remarks / Clarification by RSCCL
414	I	34	2.3.18 TQ 2.0,2.1,2.2	CMMi Level Certification (Sole Bidder or any member of the consortium) CMMi Level 3 CMMi Level 5	Need to be deleted. As per our knowledge There is no need of CMMi certificate for smarcity projects	No Change
415	I	35	2.3.18 TQ 3.3	The Sole Bidder or any member of the consortium should have fully completed (Implementation as well as Maintenance) OR completed the implementation i.e. Go-Live of all modules as per the SoW and realized at least 50 % of CAPEX cost/Fee as per Contract Agreement in implementation & maintenance of any ITMS (Intelligent Traffic Management System) project as a System Integrator for any Govt. entity in India in the last 7 (Seven) financial years with project cost not less than Rs. 10 Cr. Project for Metro rail corporations or Railways wouldn't be consider for technical evaluation in this category. (For each project 2.5 marks would be awarded, maximum 2 projects would be considered for evaluation)	Need to be deleted or The Sole Bidder or any member of the consortium or OEM should have done (Implementation as well as Maintenance) OR completed the implementation as per the SoW	No Change
416	I	22	2.2.13 RFP Document / Tender Fee	Tender EMD INR 1.7 Crores in Bank Guarantee	Request to modify clause " Bank Guarantee or Demand Draft"	No Change