



KAVARATTI SMART CITY LIMITED (KSCL)
KAVARATTI – 682 555

F.No.13/Smart City /2019/(Part 1)

Dated:20.05.2022

Pre-bid Clarifications for the Tender for Selection of Master System Integrator for Establishment of Integrated Command & Control Centre (ICCC) in Lakshadweep Under Kavaratti Smart City Mission

Ref.(1) F.No. 13/Smart City/2019(Part 1) dated 05.05.2022

Ref.(2) Pre bid held on 18.05.2022

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
1.	Prebid Meeting	2	18th May 2022 at 15:00 hrs. Venue: Kavaratti Kavaratti Smart City Ltd,	Request you to allow remote meeting/ Virtual meeting	Corrigendum issued
2.	11	2	Date, Time & Place of Pre-bid Meeting	Adhering to Covid guidelines, we hereby request authority to kindly convene pre-bid meeting vide video conferencing and provide the link to attend same.	Link provided.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
3.	14 & 1.3.3	3	Bid Validity - 75 Days	Kindly clarify, the correct Bid Validity period	Bid validity for 75 days. Corrigendum
4.	Earnest Money Deposit	4	NA	Kindly provide the EMD Validity period	Corrigendum being issued
5.	15. Performance Guarantee	5	15. Performance Guarantee 5% will be deducted as Security Deposit from running account bill.	Please confirm if 5% deduction as security deposit shall be over 3% PG	Yes
6.	15. Performance Guarantee	5		Please clarify validity of security deposit	Please refer page Number 74 clause Number 1.4.6
7.	15. Performance Guarantee	5	PG shall be 3% of the contract amount to be submitted. Performance Guarantee shall remain valid for a minimum of sixty days beyond the date of completion of all contractual obligations. The PG received against the original work shall be released as per contract condition.	We understand that PG shall be 3% of the contract amount to be submitted. Kindly confirm our understanding	Yes

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
8.	15. Performance Guarantee	6	<ul style="list-style-type: none"> PG shall be 3% of the contract amount to be submitted. Performance Guarantee shall remain valid for a minimum of sixty days beyond the date of completion of all contractual obligations. The PG received against the original work shall be released as per contract condition. 	<p>We request authority to kindly amend the clause as below:</p> <p>"PG shall be 3% of the contract amount to be submitted for CAPEX and OPEX separately. CAPEX shall be valid till Go-Live + 3 Months and OPEX shall be valid for contract duration and to be submitted after Go-Live of the Project. Performance Guarantee shall remain valid for a minimum of sixty days beyond the date of completion of all contractual obligations. The PG received against the original work shall be released as per contract condition."</p>	Amended Corrigendum being issued
9.	1. Instruction to Bidders/ Applicants GENERAL INFORMATION AND GUIDELINES	21	<p>1. Instruction to Bidders/ Applicants GENERAL INFORMATION AND GUIDELINES</p> <p>(x). Bidders can submit the technical bid by registered post or by hand or by physical submission or by online.</p>	We understand that physical submission is optional .Kindly confirm our understanding	Hard copy of Original Bank guarantee (towards EMD) and Power of attorney should be submitted in the Tender Box at KSCL Office, Kavaratti before the due date and time as per NIT / latest Corrigendum if any.
10.	1. Instruction to Bidders/ Applicants GENERAL INFORMATION AND GUIDELINES	21	<p>1. Instruction to Bidders/ Applicants GENERAL INFORMATION AND GUIDELINES</p> <p>(x). Bidders can submit the technical bid by registered post or by hand or by physical submission or by online.</p>	What is due date, time for physical submission ?	Amended Corrigendum issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
11.	1. Instruction to Bidders/ Applicants GENERAL INFORMATION AND GUIDELINES	21	1. Instruction to Bidders/ Applicants GENERAL INFORMATION AND GUIDELINES (x). Bidders can submit the technical bid by registered post or by hand or by physical submission or by online.	Please confirm , in case of any problem with submitted documents which form of submission would be considered for decision i.e. physical or online or which ever is available ?	Please refer page Number 5 clause number 8 and Page Number 36 technical Proposal clause
12.	1.2.2	30	Earnest Money Deposit (EMD) Bidder is required to submit EMD of Rs.70 Lakh (Rupees Seventy Lakh Only)	Gol, ministry of Finance has published an OFFICE MEMORANDUM (No.F.9/4/2020-PPD Dated 12th November 2020) stating that no provisions regarding Bid Security should be kept in the Bid Documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents. We request you to accept Bid Security Declaration in place of EMD.	No change
13.	1.3.7(b), Annexure 6	36	The Bidder should submit a Power of Attorney as per the format set forth in Annexure 6, authorizing the signatory of the Bid to commit the Bidder.	BEL being a PSU is having Board of Resolution regarding signing authority of bid or general Power of Attorney in favour of Authorized Signatory signing the Bid is available, Please confirm whether same will be sufficient.	No change
14.	15 & 1.3.3	37	Page no. 37: Bid Validity - 180 days from the date of submission of the bid	Kindly clarify, the correct Bid Validity period	Corrigendum issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
15.	1.3.13: Pre-Qualification Eligibility Criteria	45	<p>PQ2: Annual Turnover The Sole Bidder or the JV (Joint Venture) / consortium members altogether should have average annual Turnover of Rs. 200 Crore for last 3 audited financial years (2018-19, 2019-20 and 2020-21) ending March 2021 from IT systems / IT System integration / IT services/ ICT / system integration services / communication infrastructure / city surveillance/ ICT based utility management/ ICT based law enforcement / Transport management/Telecom / Telecom Services/ command & control center implementation / Network Operating Center (NOC) / Cloud services business in India or abroad. Also, in case of JV (Joint Venture) / consortium should satisfy the following: (i) Lead member of JV (Joint Venture) / consortium shall have minimum average annual Turnover of 51% of Rs. 200 Crore and during last 3 audited financial years (2018-19, 2019-20 and 2020-21) ending March 2021</p>	<p>We understand that, since in PQ3 experience of Parent/Subsidiary company has been allowed, consolidated turnover of parent/subsidiary company shall also be considered for PQ & TQ evaluation purpose. Please confirm</p>	<p>This has been amended. Sole Bidder or the JV (Joint Venture) / consortium members altogether should have average annual Turnover of Rs. 100 crores . Corrigendum being issued.</p>
16.	PQ1: Legal Entity	45	<p>For Global Players , Equivalent certificate in the country of incorporation</p>	<p>As per guidelines, less than 200Cr opportunity, global players are not allowed to bid. Request you to remove the clause.</p>	<p>Global firms are allowed</p>
17.	PQ2: Annual Turnover	46	<p>The Sole Bidder or the JV (Joint Venture) / consortium members altogether should have average annual Turnover of Rs. 200 Crore for last 3 audited financial years</p>	<p>As per GFR and CVC guidelines, Annual Turnover of the bidder should be 35% of the Total Tender Value/ not exceeding 100% of the Tender Value. Request you to revise accordingly.</p>	<p>This has been amended. Sole Bidder or the JV (Joint Venture) / consortium members altogether should have average annual Turnover of Rs. 100 crores . Corrigendum being issued.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
18.	1.3.13. Pre-Qualification Eligibility Criteria PQ3- Experience in development / implementation of Smart City component	47	<p>The Sole Bidder or Lead Member or any member of its consortium should have experience in implementation and maintenance of any of the following projects:</p> <p>a) Command & Control Centre / Network Operations Centre (NOC) OR b) Surveillance command center OR c) Multi-layer GIS for ULBs</p> <p>In India or abroad in last 10 (Ten) financial years (FY 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20 and 2020-21) of worth-</p> <p>(1) INR 80 Crore in single work order OR (2) Two orders each of INR 50Crore OR 3) Three orders each of INR 40Crore</p> <p>to any PSU / Government Institution / / Urban Local Bodies / government offices Bidder can propose separate (one or more) projects for each component for evaluation.</p>	<p>With reference to the clause, the authority has already asked experience in PSU/Government / Urban Local Bodies / government offices so there is no point of asking GIS particularly in ULBs. This restricts the competitions.</p> <p>Therefore, we request authority to amend the clause as below:</p> <p>"The Sole Bidder or Lead Member or any member of its consortium should have experience in implementation and maintenance of any of the following projects:</p> <p>a) Command & Control Centre / Network Operations Centre (NOC) OR b) Surveillance command center OR c) Multi-layer GIS for ULBs</p> <p>In India or abroad in last 10 (Ten) financial years (FY 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20 and 2020-21) of worth-</p> <p>(1) INR 8050 Crore in single work order OR (2) Two orders each of INR 5030 Crore OR 3) Three orders each of INR 4020 Crore</p> <p>to any PSU / Government Institution / / Urban Local Bodies / government offices Bidder can propose separate (one or more) projects for each component for evaluation."</p>	Amended as requested . Corrigendum issued.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
19.	1.3.13. Pre-Qualification Eligibility Criteria PQ3- Experience in development / implementation of Smart City component	47	<p>In Case of ongoing project Case study + Copy of work order + Assignment Details as per the format provided.</p> <p>In Case of completed project Case study + Copy of work order + Assignment Details as per the format provided.+ Completion Certificate</p> <p>In case of NDA, Company Secretary / Chartered Accountant Signed Certificate providing details of Scope of work and Value and stage of project.</p> <p>In case the experience shown is that of the bidder's parent / subsidiary company, then the following additional documents are required:</p> <p>i) Letter from the Company Secretary of the bidder certifying that the entity whose experience is shown is parent/subsidiary Company</p> <p>ii) Shareholding pattern of the bidding entity as per audit reports</p>	<p>With reference to the clause, for better competition, we request authority to amend the clause as below:</p> <p>"In Case of ongoing project Case study + Copy of work order + Assignment Details as per the format provided.</p> <p>In Case of completed project Case study + Copy of work order + Assignment Details as per the format provided.+ Completion Certificate</p> <p>In case of NDA, Company Secretary / Chartered Accountant Signed Certificate providing details of Scope of work and Value and stage of project.</p> <p>In case the experience shown is that of the bidder's parent / subsidiary company, then the following additional documents are required:</p> <p>i) Letter from the Company Secretary of the bidder certifying that the entity whose experience is shown is parent/subsidiary Company</p> <p>ii) Shareholding pattern of the bidding entity as per audit reports"</p>	No change envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
20.	1.3.13. Pre-Qualification Eligibility Criteria PQ5	48	The Sole Bidder or the Lead Member (System Integrator) of consortium should have a valid ISO 9001:2015 and ISO 27001:2013 and CMM level 5-I certification.	This pre-qualification requirement is restricting us from participating in the tender. Therefore, we request you to amend the clause as follows:- "The Sole Bidder or the Lead Member (System Integrator) or its consortium should have a valid ISO 9001:2015 and ISO 27001:2013 and CMM level 5-I certification."	No change envisaged.
21.	1.3.14,TQ1,1	51	Bidder should have an average annual turnover of at least INR 200 Crores in any of the 3 financial years (FY 2014-15, 2015-16 and 2016-17) In case of Consortium, aggregated turnover of the consortium may be considered with 51% (minimum) of the lead bidder and 49% (maximum) of the consortium partners	Requesting to revise the clause as Follows : Bidder/Consortium should have an average annual turnover of at least INR 200 Crores in any of the 3 financial years (FY 2014-15, 2015-16 and 2016-17) In case of Consortium, aggregated turnover of the consortium may be considered	Amended as below Bidder should have an average annual turnover of at least INR 100 Crores in any of the 3 financial years (FY 2018-19, 2019-20 and 2020-21) Corrigendum being issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
22.	1.3.14: Technical Evaluation Criteria / Framework	52	<p>Bidder should have an average annual turnover of at least INR 200 Crores in any of the 3 financial years (FY 2014-15, 2015-16 and 2016-17)</p> <p>Annual Turnover from IT systems/ IT System integration / IT services / ICT / system integration services / communication infrastructure / city surveillance / ICT based utility management / ICT based law enforcement / Transport management/Telecom / Telecom Services/ command & control center implementation / Network Operating Center(NOC)/ Cloud services business</p> <p>In case of Consortium, aggregated turnover of the consortium may be considered with 51% (minimum) of the lead bidder and 49% (maximum) of the consortium partners</p> <p>>200 Crores to <= 250Crores – 30 Marks >250 Crores to <= 300 Crores – 50 Marks >300 Crores to <= 350 Crores– 70 Marks >350 Crores 90 Marks</p>	<p>We understand that average annual turnover of any three financial year starting from FY 2014-15 till FY 2020-21 shall be considered for Technical Evaluation. Is our understanding correct? Please confirm</p> <p>We understand that, since project implementation of experience of Parent/Subsidiary company has been allowed, consolidated turnover of parent/subsidiary company shall also be considered for PQ & TQ evaluation purpose. Please confirm</p>	<p>Amended as below</p> <p>>100 Crores to <= 150Crores – 30 Marks >150 Crores to <= 200 Crores – 50 Marks >200 Crores to <= 250 Crores– 70 Marks >250 Crores 90 Marks</p> <p>Corrigendum being issued</p> <p>Since project implementation of experience of Parent/Subsidiary company has been allowed, consolidated turnover of parent/subsidiary company shall also be considered for PQ & TQ evaluation purpose.</p>
23.	1.3.14: Technical Evaluation Criteria / Framework	53	<p>Experience in Implementation & maintenance of Application in hosted environment in India or abroad of application in hosted environment in India</p>	<p>We understand that hosting application means application either hosted at State Data Center or any Cloud Service Provider as well as collocated to State Data Center shall be considered for evaluation. Is our understanding correct? Please confirm</p>	<p>Only experience in hosting established Cloud service provider shall be considered.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
24.	2. Experience in Implementation and maintenance of large scale ICT based Utility Management System / Municipal Services / ICT project in India or Abroad	53	<p>Lead Bidder or its consortium members having experience in Implementation & maintenance of large Utility Management System / Municipal Services / ICT Project in last ten (10) financial years. Value of project should be at least of INR 20 crores.</p> <p>In Case of ongoing project Case study + Copy of work order + Assignment Details as per the format provided.</p>	<p>In the criteria clause, "experience in Implementation & maintenance" has been mentioned. Whereas in Documentary Evidence list, "In Case of ongoing project " has been mentioned.</p> <p>Kindly confirm, definition of On-going projects as per the tender. If the project in O&M phase is as On-going project or Project where Go-Live is under progress is considered as On-going project?</p>	<p>If the work order has been issued and project is under implementation it will be considered as ongoing project.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
25.	3. Experience in Implementation & maintenance of Application in hosted environment in India or abroad of application in hosted environment in India	53	Lead Bidder or its consortium members having experience in Implementation & maintenance of application in hosted environment in last ten (10) financial years. Value of project to be at least of INR 5crores.	Kindly confirm, to consider as the hosted environment experience, both DC & DR to be hosed in cloud or either one of them is hosed in cloud will be counted as experience	The main application should be hosted in cloud. DR hosting shall not be considered.
26.	1.3.14. Technical Evaluation Criteria / Framework Clause 2,3 & 4	53	Bidder's Organizational Strength and Experience	Kindly confirm, whether we have submit same projects for the credentials mentioned in clause 2, 3 & 4	As per the RFP clause.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
27.	1.3.14. Technical Evaluation Criteria / Framework (3)	53	Lead Bidder or its consortium members having experience in Implementation & maintenance of application in hosted environment in last ten (10) financial years. Value of project to be at least of INR 5crores. 3 citations=30 marks, 2 citation = 20 marks 1 citation=10 marks	Please amend the clause as below: Lead Bidder or its consortium members having experience in Implementation & maintenance of application in hosted environment in last ten (10) financial years. Value of project to be at least of INR 2 crores. 3 citations=30 marks, 2 citation = 20 marks 1 citation=10 marks	Amended . Corrigendum being issued
28.	1.3.14. Technical Evaluation Criteria / Framework	53	A3-Experience in Implementation & maintenance of Application in hosted environment in India or abroad of application in hosted environment in India 3 citations=30 marks, 2 citation = 20 marks 1 citation=10 marks else 0 Marks	In order to maximise participation , we request to change criteria as below A3-Experience in Implementation / maintenance of Application in hosted environment in India or abroad of application in hosted environment in India 3 citations=30 marks, 2 citation = 20 marks 1 citation=10 marks else 0 Marks	No change envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
29.	4. Experience in Implementation & maintenance of Command and Control Centre (CCC) / Network Operating Center (NOC) of integrated ICT based Smart City / township / campus system / Emergency Services for city / Law Enforcement	54	<p>Lead Bidder or its consortium members having experience in Implementation & maintenance of Command & Control Centre Project in last ten (10) financial years. Value of project to be at least of INR 4crores.</p> <p>In Case of ongoing project Case study + Copy of work order + Assignment Details as per the format provided.</p>	<p>In the criteria clause, "experience in Implementation & maintenance" has been mentioned. Whereas in Documentary Evidence list, "In Case of ongoing project " has been mentioned.</p> <p>Kindly confirm, definition of On-going projects as per the tender. If the project in O&M phase is meant as On-going project or Project where Go-Live is under progress is considered as On-going project?</p>	<p>If the work order has been issued and project is under implementation it will be considered as ongoing project.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
30.	1.3.14. Technical Evaluation Criteria	54	<p>Experience in Implementation & maintenance of Command and Control Centre (CCC) / Network Operating Center (NOC) of integrated ICT based Smart City / township / campus system / Emergency Services for city / Law Enforcement</p> <p>Lead Bidder or its consortium members having experience in Implementation & maintenance of Command & Control Centre Project in last ten (10) financial years. Value of project to be at least of INR 4crores.</p> <p>3 citations=90 marks, 2 citation = 70 marks 1 citation=50 marks else 0 Marks</p>	<p>Experience in Implementation & maintenance of Command and Control Centre (CCC).</p> <p>Lead Bidder or its consortium members having experience in Implementation & maintenance of Command & Control Centre Project in last 7 (Seven) financial years. Value of project to be at least of INR 4crores.</p> <p>3 citations=50 marks, 2 citation = 30 marks 1 citation=20 marks else 0 Marks</p> <p>An additional 40 marks will be awarded for the proposed ICCC planform if it has been implemented by the bidder in atleast 2 smart cities projects in India.</p>	No change as it will become restrictive.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
31.	IV Key personnel	61	<p>Team Evaluation Matrix Program Manager d)Project/Program management Experience in ICT implementation Project of value > 100 crores:</p> <ul style="list-style-type: none"> • >= 3 Projects= 2 Marks • 2 Projects = 1 marks • Else 0 	<p>Most of ICT project in India are less than 100Cr except few smart city projects which are still under implementation. Hence this criteria will limit participation. We request to change this criteria as below</p> <p>d)Project/Program management Experience in ICT implementation Project of value >100 crores- 50crores:</p>	Amended Corrigendum being issued
32.	Team Evaluation Matrix	61	<p>Citizen Service / Municipal Domain expert c) International work experience in Implementation of Citizen Centric Service/Municipal domain ICT</p>	<p>We believe asking International experience will limit participation. Indian companies have resources with ample local experience & skill. Additional International experience is not relevant and does not add any value. Hence request to remove international experience marking.</p>	<p>An expert with international experience is encouraged.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
33.	Team Evaluation Matrix	61	<p>Program Manager = 10 marks</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • BE / B. Tech / MCA with MBA/M. Tech = 3Marks • BE / B. Tech / MCA = 2Marks • Else0 <p>b) Certification :</p> <ul style="list-style-type: none"> • PMP / Prince 2 Certification = 2Marks <p>c)Work experience in the capacity of Project/Program Manager in ICT implementation Projects:</p> <ul style="list-style-type: none"> • >=10 years = 3marks • >=8 and <10 year =2Marks • >=5 and <8 year =1Marks • Else0 <p>d)Project/Program management Experience in ICT implementation Project of value > 100 crores:</p> <ul style="list-style-type: none"> • >= 3 Projects= 2 Marks • 2 Projects = 1 marks • Else0 	<p>Looking in to the scope of work and as per Industry Practice, Manpower having good work experience can handle roles and responsibilities of Program Manager. This will be cost effective as well as help in implementation smoothly. Therefore, we request authority to amend the clause as below:</p> <p>"Program Manager = 10 marks</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • BE / B. Tech / MCA with MBA/M. Tech = 3Marks • BE / B. Tech / MCA = 2Marks • Else0 <p>b) Certification :</p> <ul style="list-style-type: none"> • PMP / Prince 2 Certification = 2Marks <p>c)Work experience in the capacity of Project/Program Manager in ICT implementation Projects:</p> <ul style="list-style-type: none"> • >=10 years = 3marks • >=8 and <10 year =2Marks • >=5 and <8 year =1Marks • Else0 <p>d)Project/Program management Experience in ICT implementation Project of value > 100 crores:</p> <ul style="list-style-type: none"> • >= 3 Projects= 2 Marks • 2 Projects = 1 marks • Else0" 	Amended . Corrigendum being issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
34.	Team Evaluation Matrix	61	<p>Cloud DC / DR Expert = 5 marks</p> <ul style="list-style-type: none"> • BE / B. Tech / MCA with MBA/M. Tech = 2Marks • BE / B. Tech / MCA = 1 Marks • Else 0 <p>b) Certification :</p> <ul style="list-style-type: none"> • Any professional certification = 1Marks <p>c)Work experience in the capacity of Cloud DC / DR Expert in ICT implementation Projects:</p> <ul style="list-style-type: none"> • >=10 years = 2marks • >=5 and <10 year =1Marks • Else 0 	<p>Looking in to the scope of work and as per Industry Practice, Manpower having 8 years of experience can handle roles and responsibilities of Cloud DC/DR expert. This will be cost effective as well as help in implementation smoothly. Further, there is no such international experience required in Annexure 18 - TECHNICAL MANPOWER REQUIRED FOR OPERATION AND MAINTENANCE. Therefore, we request authority to amend the clause as below:</p> <p>"Cloud DC / DR Expert = 5 marks</p> <ul style="list-style-type: none"> • BE / B. Tech / MCA with MBA/M. Tech= 2Marks • BE / B. Tech / MCA = 1 Marks • Else 0 <p>b) Certification :</p> <ul style="list-style-type: none"> • Any professional certification = 1Marks <p>c)Work experience in the capacity of Cloud DC / DR Expert in ICT implementation Projects:</p> <ul style="list-style-type: none"> • >=10 years>=8 years = 2marks • >=5 and <10 year<8 Year =1Marks • Else 0" 	Amended . Corrigendum being issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
35.	1.3.14: Technical Evaluation Criteria / Framework	62	Team Evaluation Matrix Citizen Service / Municipal Domain expert = 5 marks a) Educational Qualification: • Bachelor's Degree in Engineering/MCA + MBA/PGDM (2 Years Full Time)= 2Marks • Else 0Marks	Request you to amend as follows; a) Educational Qualification: • Bachelor's Degree in Engineering/MCA + MBA/PGDM= 2Marks • Else 0Marks	Amended. Corrigendum being issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
36.	Team Evaluation Matrix	62	<p>Citizen Service / Municipal Domain expert = 5 marks</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA + MBA/PGDM (2 Years Full Time)= 2Marks • Else 0Marks <p>b) Work experience in Implementation of Citizen Centric Service/Municipal domain ICT Projects:</p> <ul style="list-style-type: none"> • >=9 years = 2Marks • >=6 and <9 year =1Marks • Else0 <p>c) International work experience in Implementation of Citizen Centric Service/Municipal domain ICT Projects:</p> <ul style="list-style-type: none"> • At least 1 Project = 1 mark • Else0 	<p>Looking in to the scope of work and as per Industry Practice, Manpower having 8 years of experience can handle roles and responsibilities of Citizen Service / Municipal Domain Expert. This will be cost effective as well as help in implementation smoothly. Further, there is no such international experience required in Annexure 18 - TECHNICAL MANPOWER REQUIRED FOR OPERATION AND MAINTENANCE Therefore, we request authority to amend the clause as below:</p> <p>"Citizen Service / Municipal Domain expert = 5 marks</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA + MBA/PGDM / MBA/PGDM (2 Years Full Time)= 2Marks • Else 0Marks <p>b) Work experience in Implementation of Citizen Centric Service/Municipal domain ICT Projects:</p> <ul style="list-style-type: none"> • >=9 years>=8 years = 2Marks • >=6>=5 and <9 year<8 year =1Marks • Else0 <p>c) International work experience in Implementation of Citizen Centric Service/Municipal domain ICT Projects:</p> <ul style="list-style-type: none"> • At least 1 Project = 1 mark • Else0" 	Amended. Corrigendum being issued
37.	GIS expert	63	<p>C) International work experience in Implementation of GIS Projects:</p> <ul style="list-style-type: none"> • At least 1 Project = 2mark 	We request you to kindly remove this International experience clause	International experience is encouraged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
			Else0		
38.	Solution Architect	63	c) International work experience as IT/ICT solution architect: <ul style="list-style-type: none"> • At least 1 Project = 1mark • Else0 	We request you to kindly remove this International experience clause	International experience is encouraged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
39.	Team Evaluation Matrix	63	<p>GIS expert = 5 Marks</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA = 2Marks • Else 0Marks <p>b) Work experience in Implementation of GIS Projects:</p> <ul style="list-style-type: none"> • >=9 years = 2marks • >=6 and <9 year =1Marks • Else0 <p>C) International work experience in Implementation of GIS Projects:</p> <ul style="list-style-type: none"> • At least 1 Project = 2mark Else0 	<p>Looking in to the scope of work and as per Industry Practice, Manpower having 8 years of experience can handle roles and responsibilities of GIS Expert. This will be cost effective as well as help in implementation smoothly. Further, there is no such international experience required in Annexure 18 - TECHNICAL MANPOWER REQUIRED FOR OPERATION AND MAINTENANCE Therefore, we request authority to amend the clause as below:</p> <p>"a) Educational Qualification:</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA = 2Marks • Else 0Marks <p>b) Work experience in Implementation of GIS Projects:</p> <ul style="list-style-type: none"> • >=9 years >=8 years = 2marks • >=6 >=5 and <9 <8 year =1Marks • Else0 <p>C) International Work experience in Implementation of GIS Projects:</p> <ul style="list-style-type: none"> • At least 1 Project = 2mark Else0" 	No change envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
40.	Team Evaluation Matrix	63	<p>Solution Architect= 5 Marks</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA = 2Marks • Else 0Marks <p>b) Work experience as IT/ICT solution architect:</p> <ul style="list-style-type: none"> • >=9 years = 2marks • >=6 and <9 year = 1Marks • Else0 <p>c) International work experience as IT/ICT solution architect:</p> <ul style="list-style-type: none"> • At least 1 Project = 1mark • Else0 	<p>Looking in to the scope of work and as per Industry Practice, Manpower having 8 years of experience can handle roles and responsibilities of Solution Architect. This will be cost effective as well as help in implementation smoothly. Further, there is no such international experience required in Annexure 18 - TECHNICAL MANPOWER REQUIRED FOR OPERATION AND MAINTENANCE therefore, we request authority to amend the clause as below:</p> <p>"Solution Architect= 5 Marks</p> <p>a) Educational Qualification:</p> <ul style="list-style-type: none"> • Bachelor's Degree in Engineering/MCA = 2Marks • Else 0Marks <p>b) Work experience as IT/ICT solution architect:</p> <ul style="list-style-type: none"> • >=9 years >=8 years = 2marks • >=6 >=5 and <9 year <8 year = 1Marks • Else0 <p>c) International work experience as IT/ICT solution architect:</p> <ul style="list-style-type: none"> • At least 1 Project = 1mark • Else0" 	No change envisaged.
41.	Project Manager-Software	64	<p>c) International work experience as Project Manager in software Implementation Project:</p> <ul style="list-style-type: none"> • At least 1 Project = 1Marks • Else0 	We request you to kindly remove this International experience clause	International experience is encouraged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
42.	Project Manager – IT/ICT Infrastructure =	64	c) international work experience as Project Manager in IT/ICT Infrastructure Project: <ul style="list-style-type: none"> • At least 1 Project = 1Marks • Else0 	We request you to kindly remove this International experience clause	International experience is encouraged.
43.	Database Architect	65	c) International work experience as Database architect: <ul style="list-style-type: none"> • At least 1 Project = 1Marks • Else0 	We request you to kindly remove this International experience clause	International experience is encouraged.
44.	IT Security Expert	65	d) International work experience as IT Security Expert: <ul style="list-style-type: none"> • At least 1 Project = 1Marks • Else0 	We request you to kindly remove this International experience clause	International experience is encouraged.
45.	Team Evaluation Matrix	65	Database Architect c) International work experience as Database architect	We believe asking International experience will limit participation. Indian companies have resources with ample local experience & skill. Additional International experience is not relevant and does not add any value. Hence request to remove international experience marking.	International experience is encouraged.
46.	Team Evaluation Matrix	65	IT Security Expert d) International work experience as IT Security Expert	We believe asking International experience will limit participation. Indian companies have resources with ample local experience & skill. Additional International experience is not relevant and does not add any value. Hence request to remove international experience marking.	International experience is encouraged.
47.	Command and Control Centre (CCC)	66	c) international work experience as CCC Expert: <ul style="list-style-type: none"> • At least 1 Project = 1Mark 	We request you to kindly remove this International experience clause	International experience is encouraged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
	Expert		<ul style="list-style-type: none"> • Else0 		
48.	Mobile App development Expert	66	c) International work experience as Mobile App development Expert: <ul style="list-style-type: none"> • At least 1 Project = 1 Marks • Else0 	We request you to kindly remove this International experience clause	International experience is encouraged.
49.	Team Evaluation Matrix	66	Mobile App development Expert c) International work experience as Mobile App development Expert	We believe asking International experience will limit participation. Indian companies have resources with ample local experience & skill. Additional International experience is not relevant and does not add any value. Hence request to remove international experience marking.	International experience is encouraged.
50.	1.3.14. Technical Evaluation Criteria : Command Center Application OEM and CSP Credentials	67	Common Command Center Application OEM Turnover : Single legal entity or its holding company, having annual revenue in the last two financial years(2019- 20 and 2020-21) either in India or Globally. More than INR 100 Crores- 20 Marks INR 50-100 Crores- 15 Marks INR 30-50 Crores -10 Marks Bidder to submit Certificate from the Statutory Auditor / Chartered Accountant. The said certificates also need to be counter signed by authorized signatory of the OEM.	Please clarify that the Overall Turnover of the Holding Company which is registered in any global country and their Indian registered company turnover will be considered. We have submitted our bids in more than 20 Smart Cities and we have never seen this clause for OEM . Please clarify or remove this clause.	No change.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
51.	Command Center Application OEM and CSP Credentials	67	Application OEM Turnover 2 Common Command Center Application Platform Experience and Capabilities Single legal entity or its holding company, having annual revenue in the last two financial years(2019- 20 and 2020-21) either in India or Globally. More than INR 100 Crores- 20 Marks INR 50-100 Crores- 15 Marks INR 30-50 Crores -10 Marks	We Trinity Mobility is a proven OEM of ICCC with more than 20+ Smart City Deployment, we request you to relax this clause as to allow the maximum participation INR 40-50 Crores- 20 Marks INR 30-40 Crores -15 Marks INR 20-30 Crores -10 Marks	Amended. Corrigendum being issued.
52.	Command Center Application OEM and CSP Credentials	67	Application OEM Turnover 2 Common Command Center Application Platform Experience and Capabilities Single legal entity or its holding company, having annual revenue in the last two financial years(2019- 20 and 2020-21) either in India or Globally. More than INR 100 Crores- 20 Marks INR 50-100 Crores- 15 Marks INR 30-50 Crores -10 Marks	Please help us to understand if OEM has to provide individual year turnover or combined for both the financial year	Turnover is for every financial year which is audited.
53.	1.3.14. Technical Evaluation Criteria : Command Center Application OEM and CSP Credentials	67	Common Command Center Application Platform Experience and Capabilities: Proposed platform for City Control and Command Centre by bidder should have been deployed in India or abroad in last 5 years. The platform (Command and control centre/Enterprise integration platform along with analytics) should be deployed with at least any 3 unique and relevant use cases of any of the following like, Smart Lighting,	We understand that any of the use case Smart Lighting, Parking, environment, Parking video nodes, Video Surveillance, Smart Card, Wi-Fi, Smart Energy, Smart Water, Smart Waste Management Environment Monitoring, GIS, Citizen Service Delivery, Mobile work-force management, KPI Monitoring & Executive Dashboards and law enforcement. Please explain the clause for mentioning at least any 3 unique and relevant use cases. We request you	No change.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
			<p>Parking, environment, Parking video nodes, Video Surveillance, Smart Card, Wi-Fi, Smart Energy, Smart Water, Smart Waste Management Environment Monitoring, GIS, Citizen Service Delivery, Mobile work-force management, KPI Monitoring & Executive Dashboards and law enforcement.</p> <ul style="list-style-type: none"> • 5 citations = 20 marks, • 4 citations = 15 marks, • 3 citations = 10 marks, • 2 citation = 5marks • else 0 Marks <p>Bidder to submit Case study + Copy of work order/Client certificate detailing Scope & value from platform OEM along with name of cities and details of use cases being handled. In Case of ongoing project Case study + Copy of work order + Assignment Details as per the format to be provided.</p> <p>In Case of completed project Case study + Copy of work order + Assignment Details as per the format provided.+ Completion Certificate</p> <p>In case of NDA, Company Secretary / Chartered Accountant Signed Certificate of OEM providing details of Scope of work and Value & phase of project.</p> <p>It is expected that at the time of actual execution of this RFP, all the commitments given by bidder will be adhered. Name of city /PSU/Utility /Campus/Metro /Any govt or private entity to mentioned.</p>	<p>to please amend the clause as " Common Command Center Application Platform Experience and Capabilities: Proposed platform for City Control and Command Centre by bidder should have been deployed in India or abroad in last 5 years. The platform (Command and control centre/Enterprise integration platform along with analytics) should be deployed with at least any 3 use cases of any of the following like, Smart Lighting, Parking, environment, Parking video nodes, Video Surveillance, Smart Card, Wi-Fi, Smart Energy, Smart Water, Smart Waste Management Environment Monitoring, GIS, Citizen Service Delivery, Mobile work-force management, KPI Monitoring & Executive Dashboards and law enforcement".</p>	

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
54.	1.3.14. Technical Evaluation Criteria Common Command Center Application Platform Experience and Capabilities	67	<p>Proposed platform for City Control and Command Centre by bidder should have been deployed in India or abroad in last 5 years. The platform (Command and control centre/Enterprise integration platform along with analytics) should be deployed with at least any 3 unique and relevant use cases of any of the following like, Smart Lighting, Parking, environment, Parking video nodes, Video Surveillance, Smart Card, Wi-Fi, Smart Energy, Smart Water, Smart Waste Management Environment Monitoring, GIS, Citizen Service Delivery, Mobile work-force management, KPI Monitoring & Executive Dashboards and law enforcement.</p> <ul style="list-style-type: none"> • 5 citations = 20 marks, • 4 citations = 15 marks, • 3 citations = 10 marks, • 2 citation = 5marks • else 0 Marks 	<p>Proposed platform for City Control and Command Centre by bidder should have been deployed in India or abroad in last 7 years. The platform (Command and control centre/Enterprise integration platform along with analytics) should be deployed with at least any 3 unique and relevant use cases of any of the following like, Smart Lighting, Parking, environment, Parking video nodes, Video Surveillance, Smart Card, Wi-Fi, Smart Energy, Smart Water, Smart Waste Management Environment Monitoring, GIS, Citizen Service Delivery, Mobile work-force management, KPI Monitoring & Executive Dashboards and law enforcement.</p> <ul style="list-style-type: none"> • 5 citations = 20 marks, • 4 citations = 15 marks, • 3 citations = 10 marks, • 2 citation = 5marks • else 0 Marks 	Amended Corrigendum being issued.
55.	Demo and Presentation (Total Marks-350)	69	Apart from above points, in presentation bidder is required to showcase 3D simulation for functional smart city with integrated control and command center showcasing all use cases as mentioned in this RFP	We understand that 3D simulation will be only limited to ICCB Building. Is our understanding is correct?	Limited to CCR and Island CoCs.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
56.	Command Center Application OEM and CSP Credentials	69	The CSP must be operating in multiple Data Centres in India. The DC and the DR should be in different physical locations with Active-Active configuration	We understand DC & DR in two physically separated locations within a city or across cities is acceptable, please confirm.	No change envisaged.
57.	2.2	80	India's smallest Union Territory Lakshadweep is an archipelago consisting of 36 islands with an area of 32 sq km. It is a uni-district Union Territory and comprises of 12 atolls, three reefs, five submerged banks and ten inhabited islands. The capital is Kavaratti and it is also the principal town of the UT. All Islands are 220 to 440 km away from the coastal city of Kochi in Kerala. The main islands are Kavaratti, Agatti, Minicoy, and Amini. The total population of the territory is 64,429 according to the 2011 census. Agatti has an airport with direct flights from Kochi. Bangaram and Kadmat Islands are popular with tourists, and are frequented by foreign tourists.	Kindly let us know the existing Leased line or Satellite Connectivity to all the 36 Islands	Islands are now connected on Satellite communication. Submarine cable connecting all islands is expected to be ready at the end of the year.
58.	2.2 BRIEF PROFILE OF THE ISLANDS	81	A central ICCC is proposed to be developed in Kavaratti, the capital of the Union Territory of Lakshadweep. Moreover, additional Island Command Operating Centres (CoCs) or mini ICCCs are proposed to be developed in all sister islands namely- Minicoy, Agatti, Bangaram, Kadmat, Amini, Chetlat, Kiltan, Androth& Kalpeni.	Please describe any existing & potential connectivity possibilities between these islands terrestrial or otherwise..	Existing is Geo satcom. Submarine OFC shall be ready by end of the year. LEO Satcom has potential to solve connectivity issues but awaiting license to operate.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
59.	2.2 BRIEF PROFILE OF THE ISLANDS	81	A central ICCC is proposed to be developed in Kavaratti, the capital of the Union Territory of Lakshadweep. Moreover, additional Island Command Operating Centres (CoCs) or mini ICCCs are proposed to be developed in all sister islands namely- Minicoy, Agatti, Bangaram, Kadmat, Amini, Chetlat, Kiltan, Androth & Kalpeni.	Is it a safer assumption that KSCL Employees located in these islands would be able to provide minimum hands & eyes support for physical IT Support needs, For eg connecting power cable or Ethernet cable, reset the system etc ?	There are skillsets with the island residents but they may require orientation training.
60.	-	83	The Egress data-for panic event data specification is required to be mentioned as the Outbound data matters for all the CSP's and each CSP charges in different ways. Oracle cloud Infrastructure give 10TB of egress data from CSP's DC and other CSP's provide only 100 GB	The Outbound data usage in AWS offers 100GB free per month & Oracle offers 10TB free per month . If TNeGA gets Oracle Fast Connect option the Egress data is totally free . The most expensive surprise element of AWS is Egress & Ingress data usage by customer. There are plenty of corporate customers who have moved from AWS to Oracle. Kindly ask price for 10TB	CSP should be MeitY empanelled tier 3 CSP. Bidders can provide better specifications. Additional features may be mentioned in the Bid which will be considered by evaluation committee based on requirement and merit.
61.	-	83	Disaster Recovery is mentioned in the RFP	Oracle Cloud Infrastructure DC's are available in two different locations namely Mumbai & Hyderabad as per RFP. Any one can be DC and other can be DR, but Kindly explain the scope from Edge location replication which can be near line DR & also request clarity for RPO & RTO	Edge DC will act as a cache till the island is dependent on satellite communication. This may not be required once submarine OFC is laid
62.	-	83	VCPU's, Block Storage & Object Storage specification are required to maintain performance and SLA	Kindly mention minimum specification to be maintained in all the locations	As per BoQ only edge DC is catered for main CCR.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
63.	g	85	Aadhaar Integration	Please explain us in detail on Aadhaar integration with which DB. Is there any other DB available to be verified? Any Deduplication process is required	KSCL will be the AUA and the KUA. MSI is only required to integrate it to the ICCC.
64.	Connectivity	85	Architecture	VSAT to be allowed for connectivity Acceptance Criteria should be site wise Payment terms for Hardware 70% on Delivery and 20% on Installation and 10% on Go-Live	Change in payment terms have been notified through corrigendum.
65.	2.8: DESIGN AND DEVELOPMENT OF COMPREHENSIVE IOI	86	MSI is expected seamlessly integrate all the Smart solutions into the IOT platform. While the IaaS and the PaaS will be hosted with the CSP (Cloud Service Provider) the SaaS based solutions will be provided by the Smart solution provider. Many of the smart applications will be on SaaS, namely intelligent lighting, Smart Parking, Smart education, Smart health, Smart Grid, etc. It may be noted that all these applications are independently hosted with the respective solution provider and can also function independently. However, a seamless integration is required which can be achieved through APIs. MSI would be required to define the Meta data standards and guidelines for integration.	It is mentioned here that some of the applications are provided on SaaS model related to lighting, smart parking, smart education etc. Please provide solution provider details and OEMs name for these components to enable us effort estimation for integration with ICCC. Further, we understand that under current project scope MSI is only supposed to integrate these components with ICCC and for that purpose API shall be made available by respective Smart Solution provider. Please confirm	There will be SaaS solutions , current and proposed. MMIS shall be on NUGP platform. API shall be made available. All solutions will follow Indian IT act and meta data standards mentioned in the same.
66.	2.8 DESIGN AND DEVELOPMENT OF COMPREHENSIVE IOI	86	The list of probable applications that are to be integrated have been indicated in the RFP which also includes legacy systems	Please provide the details of applications of legacy system (type of Database, size of DB etc)	Vahan and Sarathy, CCTNS, AePDS are legacy systems.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
67.	2.9 DEVELOPMENT OF GIS BASED CITIZEN PORTAL	87	The Master system integrator (MSI) shall use the available GIS enabled map of the City	We understand GIS map of the city will be provided by KSCL to the successful bidder to integrated with various sub-components through OGC Services. Is our understanding correct?	Yes GIS map will be provided.
68.	2.9 DEVELOPMENT OF GIS BASED CITIZEN PORTAL	87	1. The Master system integrator (MSI) shall use the available GIS enabled map of the City and update the features along with data related to Land , properties, water supply, Electricity, Power , Traffic etc. with Integration of solutions in Command Control Communication Centre as per the requirement of the stake holders. All the information received will also be required to be mapped on the GIS Map.	Please provide the details of available data like; How many layers available? When was the data created? What is the Image reference used and resolution. We understand, for updation of the features along with data related to Land , properties, water supply, Electricity, Power , Traffic etc. needs to be surveyed. Please confirm our understanding	Survey is not part of this project; however the MSI should be able to collate information from existing sources and crowd sourcing. The information should be refined with time and the application should have facility and process for doing it.
69.	2.9 Development of GIS Based Citizen Portal	87	2.9 Development of GIS Based Citizen Portal	We understand there is no sperate platform to be developed for departmental portal and all the Layers will be visible without any restriction rights in the citizen portal	Yes. However, restriction any shall be mentioned during the implementation.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
70.	Section 2.9.4.d	88	d. Publish a geometry service, which should help applications do geometric calculations such as buffering, simplifying, calculating areas and lengths, and projecting. Web editing should be supported in all client applications, including browser-based applications, Mobile applications, and Desktop.	Request you to please amend this clause as follows: Publish a geometry service, which should help applications do Support geometric calculations such as buffering, simplifying, calculating areas and lengths, and projecting. Web editing should be supported in all client applications, including browser-based applications, Mobile applications, and Desktop.	Amended Corrigendum being issued.
71.	KSCL ICCC Rfp.pdf 2. Scope of Work and Terms of Reference 2.9.DEVELOPMENT OF GIS BASED CITIZEN PORTAL SOFTWARE SPECIFICATION REQUIREMENTS OF GIS APPLICATION	89	<i>4. Web Based Enterprise GIS Application with Customization of Web based Spatial Decision Support System (SDSS)</i> f. GIS Server should be capable to read the following formats with associated georeferencing and Metadata Parameters:- TIFF, NITF, BIL , IMG, JPEG, JPEG 2000, GeoTIFF, QuickBird Standard, Basic, IKONOS® Geo Ortho Kit, Landsat Level 1G, DTED, SRTM. Provide imagery access quickly after acquisition with dynamic mosaicking and on-the-fly processing with ability for Server-side ortho rectification,.....	For ortho-rectification we require a stereo pair image and a bulk procedure is required to be followed. So it is advisable to not use the server side for such bulk procedures. We would suggest using Desktop version of the software for orthorectification.	No change envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
72.	Section 2.9.4.f	89	f. GIS Server should be capable to read the following formats with associated geo-referencing and Metadata Parameters:- TIFF, NITF, BIL , IMG, JPEG, JPEG 2000, GeoTIFF, Quick Bird Standard, Basic, IKONOS® Geo Ortho Kit, Landsat Level 1G, DTED, SRTM. Provide imagery access quickly after acquisition with dynamic mosaicking and on-the-fly processing with ability for Server-side ortho rectification, pan sharpening and rendering, enhancements, filtering, and map algebra.	Request you to please amend this clause as follows: GIS Server should be capable to read the following formats with associated geo-referencing and Metadata Parameters:- TIFF, NITF, BIL , IMG, JPEG, JPEG 2000, GeoTIFF, QuickBird Standard, Basic,IKONOS® Geo Ortho Kit, Landsat Level 1G, DTED, SRTM. Provide imagery access quickly after acquisition with dynamic mosaicking and on-the-fly processing with ability for Server-side ortho rectification, pan sharpening and rendering, enhancements,filtering, and map algebra.	No change in clause envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
73.	KSCL ICCCRfp.pdf 2. Scope of Work and Terms of Reference 2.9.DEVELOPMENT OF GIS BASED CITIZEN PORTAL SOFTWARE SPECIFICATION REQUIREMENTS OF GIS APPLICATION	90	<p>5. <i>GIS Based Web Application with 3D Viewing, Data Analysis and Decision support using Artificial Intelligence in Real Time data of Smart City.</i></p> <p>i. Software should provide a robust set of tools for 3D measurement and terrain analysis. GIS data should be updated every month and the solution should compare and contrast the changes and give alerts of the details.</p> <p>j. Display the exact location and elevation of any point in the 3D World, and additional information about objects.</p>	<p>1. We assume that all the data including the real time data required for the GIS functionalities and applications mentioned in the RFP will be provided by the department/vendor/MSI. Please confirm our understanding.</p> <p>2. We assume that the GIS data for the monthly updating will also be provided by the concerned department, vendor or MSI. We will only incorporate the updated data over the base map. Please confirm our understanding</p>	<p>Data will be updated through following</p> <ul style="list-style-type: none"> • provided by department • Application should have facility to collate from known reliable sources. • Crowd sourcing with authentication procedures.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
74.	KSCL ICCC Rfp.pdf 2. Scope of Work and Terms of Reference 2.9.DEVELOPMENT OF GIS BASED CITIZEN PORTAL SOFTWARE SPECIFICATION REQUIREMENTS OF GIS APPLICATION	90	5. GIS Based Web Application with 3D Viewing, Data Analysis and Decision support using Artificial Intelligence in Real Time data of Smart City. m. Ability to display 3DML files for building 3D viewing; Display the elevation difference between two points in the 3D View.	3DML is an OEM specific and proprietary file format. It is requested to remove such OEM specific format and service since it restricts other interested OEMs participation. It is requested to allow other OGC specific file format/services like 3D Tiles.	Amended . Corrigendum being issued
75.	Section 2.9.5.g	90	g. The Platform should be capable to show the data using Geo Visualization, should be capable to provide data decision support using Artificial Intelligence and Real Time Spatial Data Analysis.	Request you to please amend this clause as follows: The Platform should be capable to show the data using Geo Visualization, should be capable to provide data decision support using Artificial Intelligence and Real Time Spatial Data Analysis.	No change envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
76.	Section 2.9.5.y	91	y. GPS Tracking: Ability to Create 2D or 3D objects and moves them according to position information, in NMEA format, that reads directly from a GPS or communication device through a USB or COM port or from a local or remote file. Ability to display the GPS-moving objects in a variety of 2D or 3D graphic representations and add trace lines trailing the object routes.	GPS Tracking: Ability to Create 2D or 3D objects and moves them according to position information, in NMEA format, that reads directly from a GPS or communication device through a USB or COM port or from a local or remote file. Ability to display the GPS-moving objects in a variety of 2D or 3D graphic representations and add trace lines trailing the object routes.	No change envisaged
77.	2.10: Aadhaar Integration	92	MSI Shall set up Aadhaar User Agency (AUA) and Aadhaar KYC user Agency (KUA) service on behalf of the city and integrate with smart applications and mobile App. Details of the integration and road map shall be discussed and finalized in the inception stage.	Who will bear the transactional cost for eKYC and other Aadhaar based data verification?	Transactional cost will be borne by the customer
78.	2.10: Aadhaar Integration	92	MSI Shall set up Aadhaar User Agency (AUA) and Aadhaar KYC user Agency (KUA) service on behalf of the city and integrate with smart applications and mobile App. Details of the integration and road map shall be discussed and finalized in the inception stage.	We understand that Aadhaar integration is only to be done for eKYC purpose and MSI will not store Aadhaar number of any beneficiaries in proposed solution database. Is our understanding correct? If aadhaar number is to be stored then what is the plan for creating Aadhaar Data Vault as per UIDAI guidelines. Please confirm	Will follow UIDAI guidelines on the subject.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
79.	2.11: INTEGRATION WITH CSCS	93	Integration of Smart solutions with CSCs shall ensure digital delivery of all services to the digital illiterate and the citizens who do not have smart phone of computer.	Please provide details related to CSCs integration with Comman& Control Application. We understand that this is to be integrated with Citizen Portal only, Please confirm. Also detail about the services to be integrated through CSCs under this project	Integration with ICCC is required. All data integrated with ICCC will be viewed /displayed as per policy laid down.
80.	2.11: INTEGRATION WITH CSCS	93	Integration of Smart solutions with CSCs shall ensure digital delivery of all services to the digital illiterate and the citizens who do not have smart phone of computer.	Please provide details related to CSCs integration with Comman& Control Application. We understand that this is to be integrated with Citizen Portal only, Please confirm. Also detail about the services to be integrated through CSCs under this project	CSCs will bridge the digital divide. Access will be given based on requirement.
81.	2.12 DESIGN AND CONSTRUCTI ON OF THE CITY COMMAND CONTROL ROOM.	93	2.12 DESIGN AND CONSTRUCTION OF THE CITY COMMAND CONTROL ROOM. ICCC Proposed Building Layout	Please provide AutoCAD layout diagram of City command control room. With provided layout diagram it is difficult to estimate cost & will help bidders for competitive bidding.	The building has been identified. Bidders are welcome to visit the site. CCR shall be 3000 sqft and Island COCs will be of 300 Sqft in size.
82.	2.11	93	Integration of Smart solutions with CSCs shall ensure digital delivery of all services to the digital illiterate and the citizens who do not have smart phone of computer	1. What smart solutions to be integrated, please specify ? 2. Is the scope of developing citizen services in the scope of MSI ?	These are already mentioned in the RFP.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
83.	2.12	93	Providing physical layout of each city CCR (with 3D simulation) with approximately minimum area of 3000 square feet* of floor area.	Does the MSI is also responsible for Civil Construction of the CCC building or just the interior furniture. Please clarify?	MSI is not responsible for civil construction. Main Kavaratti CCR will have a space of 3000 sqft. Approximate an area of 300 sqft shall be provided for each Island COC.
84.	2. DEFINITION AND INTERPRETATION	98	ii) "Authority" Cochin Smart City Limited (KSCL)	Request Authority to Modify this clause as follows : ii) "Authority" Kavaratti Smart City Limited (KSCL)	Amended . Corrigendum being issued
85.	2 (xv)	100	"Consortium" means and entering into the Contract with the designated authority and includes their respective successors and assignees.	Please confirm that whether consortium will have authorities as one of the partners ?	Yes. Jointly liable.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
86.	11. FAILURE AND TERMINATION	107	If the contractor fails to deliver the equipment or any installment thereof within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period, the Purchaser / Employer may without prejudice to his other rights:- Recover from the Contractor as a penalty a sum equivalent to 0.5 % value of total LOA / purchase order (contract value) per week subject to maximum of 10%, after which contract will be deemed as cancelled & PBG will be encashed by the Purchaser / Employer.	Request Authority to Modify this clause as follows : If the contractor fails to deliver the equipment or any installment thereof within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period, the Purchaser / Employer may without prejudice to his other rights:- Recover from the Contractor as a penalty a sum equivalent to 0.5 % value of total LOA / purchase order (contract value) per month subject to maximum of 5% , after which contract will be deemed as cancelled & PBG will be encashed by the Purchaser / Employer, provided a reasonable opportunity of being heard is given to contractor	No change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
87.	13. FORCE MAJEURE	108	In the event of any unforeseen event during the currency of the Contract, such as earthquake, war, fires, floods, or acts of God, as a result of which, either party (Purchaser / Employer/contractor) is prevented, or hindered in performing any of its obligations under the contract, then it shall within a week from the commencement thereof, notify the same in writing to the other party with reasonable evidence thereof. If the force majeure condition(s) mentioned above be in force for a period of 90 days or more at any time, the either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract prior to such termination.	Request Authority to Modify this clause as follows : In the event of any unforeseen event during the currency of the Contract, such as earthquake, war including bio and chemical war , fires, floods, volcano or acts of God, act of human including but not limited to epidemic, pandemic etc. or any government (state or central) order, directions, notifications, circulars etc. as a result of which, either party (Purchaser / Employer/contractor) is prevented, or hindered in performing any of its obligations under the contract, then it shall within a week from the commencement thereof, notify the same in writing to the other party with reasonable evidence thereof. If the force majeure condition(s) mentioned above be in force for a period of 90 days or more at any time, the either party shall have the option to terminate the contract on expiry of 90 days of commencement of such force majeure by giving 14 days' notice to the other party in writing. In case of such termination, no damages shall be claimed by either party against the other, save and except those which had occurred under any other clause of this contract prior to such termination.	No change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
88.	17	111	<p>The prices stated are to include all rights (if any) of patent, registered design or trade mark and the Bidder shall at all times indemnify the Purchaser / Employer against all claims which may be made in respect of the equipment for infringement of any right protected by patent, registration of designs or trade mark; provided always that in the event of any claim in respect of alleged breach of a patent, registered designs or trade mark being made against Purchaser / Employer, the Purchaser / Employer shall notify the bidder of the same and the bidder shall, at his own expense, either settle any such dispute or conduct any litigation that may arise there from.</p> <p>The bidder shall return all such property and shall be responsible for the full value thereof to be accessed by the Purchaser / Employer whose decision shall be final and binding on the bidder. The bidder shall be liable for loss or damage to such property from whatever cause happening while such property is in the possession of or under the control of the bidder, his servants, workmen or agents.</p>	<p>Bidder shall be liable for only direct damages and shall be responsible for losses or damages which are caused due to negligence of bidder and not from any uncontrollable means. Thus we are requesting you to amend the clause as follows:</p> <p>The prices stated are to include all rights (if any) of patent, registered design or trade mark and the Bidder shall at all times indemnify the Purchaser / Employer against all direct claims which may be made in respect of the equipment for infringement of any right protected by patent, registration of designs or trade mark; provided always that in the event of any claim in respect of alleged breach of a patent, registered designs or trade mark being made against Purchaser / Employer, the Purchaser / Employer shall notify the bidder of the same and the bidder shall, at his own expense, either settle any such dispute or conduct any litigation that may arise there from.</p> <p>The bidder shall return all such property and shall be responsible for the full value thereof to be accessed by the Purchaser / Employer whose decision shall be final and binding on the bidder. The bidder shall be liable for direct loss or damage to such property from whatever cause happening while such property is in the possession of or under the control of the bidder, his servants, workmen or agents.</p>	No Change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
89.	21. ARBITRATION	112	In case of any disputes arising between the Purchaser / Employer and the bidder, the matter will be referred to the Arbitrator solely appointed by MD, KSCL. All the decisions made by the Arbitrator shall be final and binding to both the parties	Request Authority to Modify this clause as follows : In case of any disputes arising between the Purchaser / Employer and the bidder, the matter will be referred to the panel of Three Arbitrators . All the decisions made by the Arbitrator shall be final and binding to both the parties	No Change
90.	3.7 TERMINATION	115	8. If the Successful Bidder fails to provide the quality services as envisaged under this Contract, AUTHORITY may make judgment regarding the poor quality of services, the reasons for which shall be recorded in writing. AUTHORITY may decide to give one chance to the Successful Bidder to improve the quality of the services	Request Authority to Modify this clause as follows : 8. If the Successful Bidder fails to provide the quality services as envisaged under this Contract, AUTHORITY may make judgment regarding the poor quality of services, the reasons for which shall be recorded in writing. AUTHORITY shall give one chance to the Successful Bidder to improve the quality of the services	No change
91.	3.13. PROJECT IMPLEMENTATION SCHEDULE, DELIVERABLES	118	A) Common Cloud based DC and DR	Please share the details of Cloud based DC and DR ,also share the total load percentage to be considered in DR of DC .	DC and DR of CSP will be on active- active mode
92.	3.11 Other Conditions	118	As per the climatic conditions of the Lakshadweep May 15 to September 15 is the Monsoon period. Therefore, no transport vehicles other than government owned will play during this period. Hence contractor advised to procure materials for the monsoon	Please describe possible challenges for despatch of IT spares to the islands from Mainland during this period.	Advance notification required so that space can be allocated in the ships.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
			periods well in advance.		

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
93.	3.14 PAYMENT SCHEDULE 2.1, 2.2, 2.4	123	<p>Manpower / Hosting charges / Bandwidth Charges: Will be paid monthly against completion of each month.</p> <p><u>PAYMENT SCHEDULE</u> Operation and Maintenance Cost 2.1) Cloud hosting for the duration of the contract as per scope of work described in technical specification and connected annexures.-To be paid 5% quarterly as per SLA for 60 months 2.2) Cost of the dedicated Manpower support for Operation and Maintenance of the ICCC , CSP, Edge DC and other applications as per the Specifications.-To be paid 5% quarterly as per SLA for 60 months 2.4) Bandwidth for connectivity :(Will be paid directly to ISP as per actual billing based on quoted rates under tri-party agreement between Kavaratti Smart City, bidder and ISP) per year for 100 Mbps.(per Mbps cost shall be arrived at for scalability purpose)-To be paid quarterly as per actual billing limited to total contract value.</p>	<p>We understand that Manpower / Hosting charges / Bandwidth Charges will be paid on monthly basis during Operation and Maintenance period. Therefore, request you to amend the Payment schedule accordingly as follows:-</p> <p>"PAYMENT SCHEDULE Operation and Maintenance Cost 2.1) Cloud hosting for the duration of the contract as per scope of work described in technical specification and connected annexures.-To be paid 5% quarterly monthly as per SLA for 60 months 2.2) Cost of the dedicated Manpower support for Operation and Maintenance of the ICCC , CSP, Edge DC and other applications as per the Specifications.-To be paid 5% quarterly monthly as per SLA for 60 months 2.4) Bandwidth for connectivity :(Will be paid directly to ISP as per actual billing based on quoted rates under tri-party agreement between Kavaratti Smart City, bidder and ISP) per year for 100 Mbps.(per Mbps cost shall be arrived at for scalability purpose)-To be paid quarterly monthly as per actual billing limited to total contract value."</p>	To be paid on quarterly basis

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
94.	3.14 PAYMENT SCHEDULE 2.3, 2.6	123	2.3) Annual Technical Support for the Integrated COTS platform per year in % (percentage). This will be applicable even after five years of contract. Quote total for five years in INR.-To be paid annually limited to total contract value 2.6)Annual Technical Support for the Edge DC per year in % (percentage). This will be applicable even after five years of contract. Quote total for five years in INR.-To be paid annually limited to total contract value	Request you to kindly evaluate the technical support monthly and accordingly the payments to be made montly instead of anually. This will help us in improving our cash flow and the interest cost will also be ultimately lowered down.	ATS will be paid on annual basis.
95.	3.14	124	5% will be deducted as Security Deposit from running account bill	Request you to kindly delete this clause as there is already the requirement of providing performance bank guarantee as a security deposit.	No Change
96.	3.14 PAYMENT SCHEDULE	124	4. Payment of the capital cost will be limited to 50% of the total contract value on completion and going live and balance shall be paid in equated instalments during the five years operation and maintenance period.	These are cash flow negative terms making project unviable for bidders . Please remove this clause	No change
97.	3.14 Payment schedule	124	5. 5% will be deducted as Security Deposit from running account bill	On award Bidder is already submitting Performance bank guarantee, therefore, we request authority to amend the clause as below: "5. 5% will be deducted as Security Deposit from running account bill in case of Performance Bank Guarantee is not submitted."	No Change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
98.	3.15.3. Conditions Precedent	125	a) Furnishing by MSI, an unconditional and irrevocable Performance Bank Guarantee (PBG) within 15 (fifteen) days after issuance of the Letter of Award and acceptable to the designated authority which would remain valid until such time as stipulated by the designated authority	Request Authority to Modify this clause as follows : a) Furnishing by MSI, an unconditional and irrevocable Performance Bank Guarantee (PBG) within 30 (Thirty) days after issuance of the Letter of Award and acceptable to the designated authority which would remain valid until such time as stipulated by the designated authority	No Change
99.	3.15.7 MSI's Obligations	130	K. MSI shall be fully responsible for deployment / installation / development/ laying of network fiber and	Please clarify whether the fiber to be layed is between ICCC & Airtel / BSNL	Network is limited to connecting of devices with in the CCR /ICCC/CoC and the MSI can use the most suitable option.
100.	3.15.7. MSI's Obligations	131	n. All the OEMs that Bidder proposes should have Dealer possession licenses.	Please elaborate to clarify requirement	Purchase equipment from only authorised dealers.
101.	3.15.7. MSI's Obligations	131	o. The designated authority reserves the right to review the terms of the Warranty and Annual Maintenance agreements entered into between MSI and OEMs.	We understand that this review shall be limited to RFP terms of SLA. Commercial terms between MSI and OEMs shall be outside this review. Kindly confirm our understanding	No change in clause envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
102.	3.15.7.m	131	in case the Successful Bidder fails to deliver the project due to inadvertence, error, collusion, incompetency, termination, misconstruction or illicit withdrawal, the CHIEF EXECUTIVE OFFICER , KSCL reserves the right to procure the same or similar servic	The authority shall have the right to use this licenee for this project only hence we recomand to modify the clause as under: All the software licenses that MSI proposes should be perpetual software licenses. The software licenses shall not be restricted based on location and the designated authority should have the flexibility to shall use the software licenses for this Project only. other requirements if required within the territory as decided by KSCL	No change in clause envisaged.
103.	3.1.5.8 Access to sites	133	Such requests shall be made to the designated authority's Representative in writing at least 7 days prior to start of the work.	We understand such an advance notice is required only during implementation phase and not applicable for maintenance & repairs during O & M phase? Please confirm	No change in clause envisaged. KSCL shall provide necessary support with in the legal limits.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
104.	3.15.17.c	145	Pre-existing work: All intellectual property rights existing prior to the Effective Date of the Contract shall belong to the Party that owned such rights immediately prior to the Effective Date. Subject to the foregoing, the designated authority will also have rights to use and copy all intellectual property rights, process, specifications, reports and other document, drawings, manuals provided or used by the MSI as part of the Scope of Works under the Contract for the purpose of the Contract on non-exclusive, non-transferable, perpetual, royalty-free license to use basis.	the Authority shall have the right to use the IP of the Bidder but shall not copy the same. In view of the same we recommend to the Authority to kindly modify the clause as under: Pre-existing work: All intellectual property rights existing prior to the Effective Date of the Contract shall belong to the Party that owned such rights immediately prior to the Effective Date. Subject to the foregoing, the designated authority will also have rights to use and copy all intellectual property rights, process, specifications, reports and other document, drawings, manuals provided or used by the MSI as part of the Scope of Works under the Contract for the purpose of the Contract on non-exclusive, non-transferable, perpetual, royalty-free license to use basis.	No change in clause envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
105.	3.15.19	148	<p>General Indemnity :</p> <p>Subject to Succeeding paragraph below, the MSI (the "Indemnifying Party") undertakes to indemnify the designated authority and its nominated agencies (the "Indemnified Party") from and against all losses, claims, damages, compensation etc. on account of bodily injury, death or damage to tangible personal property arising in favor of any person or other entity (including the Indemnified Party) attributable to the Indemnifying Party's negligence, willful default, lack of due care or breach of terms of this Agreement.</p>	<p>There is no liability cap in indemnity clause hence we recomdn to add the cap and modify the clause as under: General Indemnity: Subject to Succeeding paragraph below, the MSI (the "Indemnifying Party") undertakes to indemnify the designated authority and its nominated agencies (the "Indemnified Party") from and against all direct losses, claims, damages, compensation etc. on account of bodily injury, death or damage to tangible personal property arising in favor of any person or other entity (including the Indemnified Party) attributable to the Indemnifying Party's negligence, willful default, lack of due care or breach of terms of this Agreement. In no event the Liability of MSI shall exceed total contract value under this Agreement and MSI shall not be liable for any consequential losses damages or loss of profit or goodwill under any circumstances.</p>	No change in clause envisaged.
106.	3.15.20 Warranty	149	<p>Upon receipt of such notice, the MSI shall, with all reasonable speed, repair or replace the defective goods or replace such goods with similar goods free from defect at MSI's own cost and risk. Any goods repaired or replaced by the MSI shall be delivered at the designated authority's premises without costs to the designated authority.</p>	<p>Considering the geographical challenges , how would KSCL enable MSI to repair/replace goods? Or what are the lead times MSI could assume for spares to reach the islands?</p>	No change in clause envisaged.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
107.	3.16.4. Service Levels Agreement (SLA) and Monitoring 3.16.5, 3.16.5	175	SLA Tracking & SLA Compliance and Monitoring has been asked for SLA & Penalties as per the different type of service levels and availability of implemented system by Bidder/MSI	As per the asked SLA clauses and penalties there should be an automated application which can monitor the said SLA and also measure the defined criteria as per SLA requirements. As per RFP there is no ask for separate EMS application along with Helpdesk to fulfil this requirements, also we have not found any technical and functional specifications for the same. Requesting you to please mention the EMS/ NMS (Enterprise Management System) in BOQ in this RFP so that all bidder can consider the same with common requirements, it will help authority to derive monthly/quarterly/ Yearly SLA reports for penalties calculations as well as system based measurement Service level agreement.	No Change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
108.	3.16.4. Service Levels Agreement (SLA) and Monitoring 3.16.5, 3.16.5	175	SLA Tracking & SLA Compliance and Monitoring has been asked for SLA & Penalties as per the different type of service levels and availability of implemented system by Bidder/MSI	As per the asked SLA clauses and penalties there should be an automated application which can monitor the said SLA and also measure the defined criteria as per SLA requirements. As per RFP there is no ask for separate EMS application along with Helpdesk to fulfil this requirements, also we have not found any technical and functional specifications for the same. Requesting you to please mention the EMS/ NMS (Enterprise Management System) in BOQ in this RFP so that all bidder can consider the same with common requirements, it will help authority to derive monthly/quarterly/ Yearly SLA reports for penalties calculations as well as system based measurement Service level agreement.	EMS is part of the ICCC
109.	3.16.5. Penalties,"C"	176	Maximum Penalty applicable for any quarter shall not exceed 10% of the applicable fees for the respective month.	Requesting to relax the clause as follows : Maximum Penalty applicable for any quarter shall not exceed 5% of the applicable fees for the respective month.	No change in clause.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
110.	3.16.6. Measurement of SLA	177	Measurement of SLA	RFP SLA timelines are challenge and not possible to meet. Considering the geographical spread of project across multiple islands and challenges in transportation of manpower and spares we feel there should be additional support manpower and spares provisioned at all locations .Response time to be factored according to travel time from mainland India for support .	No change in clause envisaged.
111.	3.16.6, Measurement of SLA, "C"	178	Total liquidated damages to be levied on the MSI shall be capped at 10% of the total contract value. However, the designated authority would have right to invoke termination of the contract in case the overall liquidated damages equals 10% of total contract value. Liquidated damages to be levied during Post Implementation period shall be capped at 10% of the OPEX value. The designated authority would also have right to invoke termination of contract in case cumulative debit point (breach points) are above 30 in 2 consecutive quarters.	Requesting to relax the clause as follows : Total liquidated damages to be levied on the MSI shall be capped at 5% of the total contract value. However, the designated authority would have right to invoke termination of the contract in case the overall liquidated damages equals 5% of total contract value. Liquidated damages to be levied during Post Implementation period shall be capped at 5% of the OPEX value. The designated authority would also have right to invoke termination of contract in case cumulative debit point (breach points) are above 30 in 2 consecutive quarters.	No Change
112.	3.16.6 Measurement of SLA (ii) Post Implementation on SLA SL No. 1	179	Overall application(s) Availability of COTS integrated Platform and other applications	We understand this Application availability is measured @ the cloud level, Not @ the Edge DC or Individual islands level. Please confirm.	Yes . At the cloud level.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
113.	(i) GENERAL INSTRUCTIONS RELATED TO SLAS MENTIONED ABOVE	180	a) Theft cases by default would not be considered as “beyond the control of Bidder”	Theft is an event beyond the control of bidder. Same to be removed from bidder responsibility	MSI is expected protect the equipment in their custody.
114.	3.16.7. Reporting Procedures	181	b) Also, MSI may be required to get the Service Level performance report audited by a third-party Auditor appointed by the designated authority.	We understand that third party auditor shall be appointed by KSCL & all costs shall be paid by KSCL. Kindly confirm	Yes.
115.	Annexure 8 – Format for Irrevocable Unconditional Performance Bank Guarantee	245	para no. 3 In the event of our constituent committing any breach / default of the said Contract, and which has not been rectified by him, we hereby agree to pay you forthwith on demand such sum/s not exceeding the sum of 8% of the Total Contract Value i.e.,.....<in words> without any demur	Request Authority to Modify this clause as follows : In the event of our constituent committing any breach / default of the said Contract, and which has not been rectified by him, we hereby agree to pay you forthwith on demand such sum/s not exceeding the sum of 3% of the Total Contract Value i.e.,.....<in words> without any demur	No change in clause envisaged.
116.	Annexure 8 – Format for Irrevocable Unconditional Performance Bank Guarantee	245	In the event of our constituent committing any breach / default of the said Contract, and which has not been rectified by him, we hereby agree to pay you forthwith on demand such sum/s not exceeding the sum of 8% of the Total Contract Value	We understand that PG shall be 3% of the contract amount to be submitted. Kindly confirm our understanding	

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
117.	Annexure 8 – Format for Irrevocable Unconditional Performance Bank Guarantee	247	para no # 3 Our liability under this Performance Bank Guarantee shall not exceed 10% of the Total Contract Value. This Performance Bank Guarantee shall be valid only from the date of signing of Contract to 60 days beyond Defects Liability period (DLP) / Warranty period / guarantee period of 36 months post O & M, whichever is later and	Request Authority to Modify this clause as follows : Our liability under this Performance Bank Guarantee shall not exceed 3% of the Total Contract Value. This Performance Bank Guarantee shall be valid only from the date of signing of Contract to 60 days beyond Defects Liability period (DLP) / Warranty period / guarantee period of 12 months post O & M, whichever is later and	No Change
118.	ANNEXURE 12 – ADDITIONAL FUNCTIONAL REQUIREMENTS AND INTEGRATION SCOPE	259	ANNEXURE 12 – ADDITIONAL FUNCTIONAL REQUIREMENTS AND INTEGRATION SCOPE	We understand Authority is seeking the given integration to be done as part of Kavaratti Smart City, please help us to understand if the same subsystem would be applicable for the individual island as well.	Yes.
119.	ANNEXURE 12 – ADDITIONAL FUNCTIONAL REQUIREMENTS AND INTEGRATION SCOPE	259	General	What level of use cases are envisaged as part of the individual island integration, would it be same as Kavaratti COC.	It is likely be proportional to the population.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
120.	ANNEXURE 12 – ADDITIONAL FUNCTIONAL REQUIREMENTS AND INTEGRATION SCOPE	259	Proposed Applications for Integrations Following are the few important IT systems of the city and their features. KSCL envisages integrating these IT systems with ICCC of smart city Kavaratti	We understand that required APIs & SDK of existing applications shall be provided by KSCL at no cost to bidder. Kindly confirm	API shall be provided by the respective SI of other smart solutions for integration with ICCC.
121.	ANNEXURE 12 – ADDITIONAL FUNCTIONAL REQUIREMENTS AND INTEGRATION SCOPE	259	General	What level of use cases are envisaged as part of the individual island integration, would it be same as Kavaratti COC.	Yes, it's a single application.
122.	ANNEXURE 12 – ADDITIONAL FUNCTIONAL REQUIREMENTS AND INTEGRATION SCOPE	261	10)Integration with CCTV Surveillance ICCC will also be required to send video feeds received from Smart Parking, Smart Pole, PBS in real-time basis to the command centre of Police (if required).	Since systems like Smart Parking, Smart Pole, PBS and CCTV Surveillance are already existing it would be appropriate for existing service provider to send video feeds to command center of police as this requires configuration ,which needs in-depth access to design & settings. This may also involve Video management licenses & its procurement Kindly delete this requirement .	ICCC should be capable of video management.
123.	ANNEXURE 13 ICCC COMPLIANCE MATRIX	263	The ICCC shall be a readymade off the shelf platform available on a SaaS model. The functions of the ICCC shall be demonstrated through used cases described below to the evaluation committee.	The stated line talks about the SAAS model where in RFP BOM is on Capex model, please help us to understand whether OEM should provide SaaS model or Capex Model	Amended PaaS model hosted on MeitY empanelled CSP.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
124.	System Architecture, Integration Modules and Scalability	263	The ICCC shall be a readymade off the shelf platform available on a SaaS model. The functions of the ICCC shall be demonstrated through used cases described below to the evaluation committee.	as ICCC will be required on a SaaS Model, we assume that other system/sub-systems API's or integration platforms will be available or accessible over cloud environment, please confirm?	ICCC should be capable of integrating with multiple models using best in class technology.
125.	ANNEXURE 13 ICCC COMPLIANCE MATRIX	263	ICCC Operator	Please help us to understand how many ICCC operators are required for Kavaratti & the respective island	Five in Kavaratti One each in other islands
126.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - System Architecture, Integration Modules and Scalability	264	The ICCC system shall provide the ability to burn video footage directly from an active incident record	Request Authority to clarify this clause : Considering the ICCC will be Web-based system, it is assumed this clause means Recording/saving the Incident related video feed locally so that Operator can burn/copy to Media/DVD if required from Desktop. Please confirm. If not, please move this to VMS scope.	Clause deleted. Corrigendum being issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
127.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - System Architecture, Integration Modules and Scalability	264	The ICCC management system shall provide the ability to seamlessly connect to Access control systems, Alarm management and Intruder detection systems (inbuilt into core system software).	<p>Request Authority to change this clause : The ICCC management system shall provide the ability to seamlessly connect to Access control systems, Alarm management and Intruder detection systems (inbuilt into core system software) to The ICCC management system shall provide the ability to seamlessly connect to Access control systems, Alarm management and Intruder detection systems.</p> <p>Request Authority to delete statement -inbuilt into core system software, As This statement is restrictive for larger OEMs to participation, request Authority to remove this clause.</p> <p>Justification: Usually ICCC platform can integrate all these sub components through 3rd party applications but it wont have inbuilt in to core system software.</p>	No change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
128.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - System Architecture, Integration Modules and Scalability	264	The ICCCmanagement system shall provide the ability to seamlessly connect to an Energy management system integration to enable the connectivity, evaluation and reporting on rooms, building floors, whole building and multiple buildings and provide a live system dashboard (inbuilt into core system software)	<p>Request Authority to change this clause : The ICCCmanagement system shall provide the ability to seamlessly connect to an Energy management system integration to enable the connectivity, evaluation and reporting on rooms, building floors, whole building and multiple buildings and provide a live system dashboard (inbuilt into core system software) to</p> <p>The ICCCmanagement system shall provide the ability to seamlessly connect to an Energy management system integration to enable the connectivity, evaluation and reporting on rooms, building floors, whole building and multiple buildings and provide a live system dashboard .</p> <p>Request Authoruity to delete statement - inbuilt into core system software, As This statement is restrictive for larger OEMs to participation,request Authority to remove this clause.</p> <p>Justification: Usually ICCC platform can integrate all these sub componetes through 3rd party applications but it wont have inbuilt in to core system software.</p>	No change
129.	System Architecture, Integration	264	Incident Management, KPI and Reporting functionality should be integral to the core security management application and not a	Mentioned Cyber Security document is not available on provided url, please share the same for the reference.	Amended . Corrigendum being issued

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
	Modules and Scalability		separate installable software entity. The entire system shall comply to Government of India MoUD note no. K15016/61/2016-SC-I dated 19 May 2016 on Cyber security model for smart cities. http://smarcities.gov.in/upload/oms/5821b621a862dCyber_Securitypdf.pdf		
130.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - System Architecture, Integration Modules and Scalability	265	System Architecture, Integration Modules and Scalability	<p>Request Authority to Add:</p> <p>System must have an intuitive data flow-based drag and drop studio, where the data can be pulled from different connectors and the transformed using pre-build functions or using custom functions</p> <p>System must provide a rich set of built-in functions to transform the data from one format to another.</p> <p>Justification: Having Drag, drop feature in the integration studio gives the developer / user to clearly identify the data flow and operations and reduces the implementation time.</p>	No additions envisaged in RFP. But additional features in RFP may be demonstrated during the POC by respective bidders.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
131.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - System Architecture, Integration Modules and Scalability	265	System Architecture, Integration Modules and Scalability	<p>Request Authority to Add:</p> <p>System must have an intuitive data flow-based drag and drop studio, where the data can be pulled from different connectors and the transformed using pre-build functions or using custom functions</p> <p>System must provide a rich set of built-in functions to transform the data from one format to another.</p> <p>Justification: Having Drag, drop feature in the integration studio gives the developer / user to clearly identify the data flow and operations and reduces the implementation time.</p>	<p>No additions envisaged in RFP.</p> <p>But additional features in RFP may be demonstrated during the POC by respective bidders.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
132.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - Setup and System Settings	267	Setup and System Settings	<p>Request Authority to Add: Role based Access Control (RBAC) Platform must have the ability to assign appropriate features access levels to the roles that are derived from the default roles</p> <p>Attribute based Access Control (ABAC) Platform must have the ability to provide fine-grained restriction of the data basis the attribute and the attribute values assigned to users, Platform must be able to assign dynamic attributes to the users so that the user can be created with the attributes assigned</p> <p>Justification: Role based security is must for ICCC, since security being an important aspect of the overall system</p>	<p>No additions envisaged in RFP. But additional features in RFP may be demonstrated during the POC by respective bidders.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
133.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - Setup and System Settings	267	Setup and System Settings	<p>Request Authority to Add:</p> <p>The Platform must have the ability to derive new roles from the default roles</p> <p>The Platform must have Default roles must have the default features access capabilities predefined and can't be changed at any time</p> <p>The Platform must have the ability to assign appropriate features access levels to the roles that are derived from the default roles</p> <p>The Platform must have the ability to assign appropriate domains access to the roles that are derived from the default roles</p> <p>Justification: Basing on the different departments in the city and their access levels existing, the same mapping should be happening on the platform as well. This will help in abstraction of data to relevant stakeholders only</p>	<p>No additions envisaged in RFP.</p> <p>But additional features in RFP may be demonstrated during the POC by respective bidders.</p>
134.	ANNEXURE 13 ICCC COMPLIANCE MATRIX - Incident Reporting	268	When the incident button is triggered, the footage is automatically recorded and tagged the system presents to the operator pre and post event CCTV footage for all of the encoding and DVR manufacturers listed below. This footage is then attached to the incident form and can be replayed at a touch of a button.	<p>Request Authority to Change this clause :</p> <p>The clause mentioned includes OEM-specific Navigation details. Request to update this clause to these general terms: "There shall be provision to record and attach related video feed to the incident. The same can be replayed from the incident as required."</p>	<p>Amended Corrigendum being issued.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
135.	ANNEXURE 14: TECHNICAL SPECIFICATIONS OF CITY COMMAND AND CONTROL ROOM	271	Below given Technical Specification provided under are indicative for Main Command- and.....	<p>Add on points in existing criteria:-</p> <p>It is requested to refer the below information to ensure that the project/city gets world class control room in line to International norms and to ensure that the complete control room interior is designed with world class standards, it recommended to add the following text.</p> <p>1.1) MSI to ensure that this ICCC shall be state-of-the-art facility & all its components like ceiling, flooring, panelling, Glass partitions, Control desks, ceiling light & luminaire's electrical etc. must look integrated and therefore it shall be treated as a part of one single solution i.e. Control Room Interior Solution.</p> <p>1.2) Control room interiors i.e. designer metal ceiling, carpet/laminated flooring, modular metal wall panelling/partitions must not emit formaldehydes, TVOC, beyond permissible limits i.e. 9 µg/m³, 0.22 mg/m³ respectively. Control room interiors shall be greenguard gold certified. Valid certificate to be submitted along with the bid.</p>	<p>No additions envisaged in RFP.</p> <p>But additional features may be mentioned in the Bid which will be considered by evaluation committee for assessing.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
136.	ANNEXURE 14: TECHNICAL SPECIFICATIONS OF CITY COMMAND AND CONTROL ROOM	271	Below given Technical Specification provided under are indicative for Main Command- and.....	<p>Add on points in existing criteria:-</p> <p>To ensure that the complete control room interior is designed with world class standards, it recommended to add the following text.</p> <p>1) Experience:- The Control Room Interior Solution Provider shall have experience of supplying and installed below products in single order out of last five financial years to qualify: -</p> <p>1.1) Acoustic Modular Metal Panelling / Partition – minimum 300 Sq. Meter</p> <p>1.2) Acoustic Modular Metal False Ceiling - minimum 300 Sq. Meter</p> <p>1.3) Acoustic flooring /carpet flooring – minimum 300 Sq. Meter</p> <p>1.4) At least 50 control desk modules with modular removable Polyurethane Edge.</p>	<p>No additions envisaged in RFP.</p> <p>But additional features may be mentioned in the Bid which will be considered by evaluation committee for assessing.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
137.	ANNEXURE 14: TECHNICAL SPECIFICATIONS OF CITY COMMAND AND CONTROL ROOM 1. Civil Work, Safety Instrumentation and Furniture (at CCR). a. False Ceiling	271	a. False Ceiling	Add on points in existing criteria:- To ensure zero compromise on aesthetical appeal of the control room it is recommended to consider the below information:- 1. UL audit certified design feature of Integrated channel in ceiling for quick installation & replaceability of continuous linear light: The ceiling system having integrated inbuilt channel for installation of cove lights and shall permit quick and easy replacement of cove light without using any tools. Replacement to be carried out within 120 Seconds per meter. Valid UL audit certificate to be submitted along with the technical bid	No additions envisaged in RFP. But additional features may be mentioned in the Bid which will be considered by evaluation committee for assessing.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
138.	ANNEXURE 14: TECHNICAL SPECIFICATIONS OF CITY COMMAND AND CONTROL ROOM 1. Civil Work, Safety Instrumentation and Furniture (at CCR). c. Furniture and Fixture	273	c. Furniture and Fixture	<p>Add on points in existing criteria:-</p> <p>Control Desk is one of the most important aspect of control room because from these stations any kind of operation & monitoring shall be done. To ensure quality in the final product i.e Control Desk it is recommended to ADD below mentioned information and necessary documents, test certificates shall be submitted along with the bid.</p> <p>1) EPD :- The environmental product declaration of control desk must be verified in accordance with ISO 14025 (from UL/Intertek) for Impacts on Environment by Console. Valid report to be submitted along with the bid.</p> <p>2) LCA :- The proposed console's life cycle should be assessed (from approved LCA consultant) for environmental impacts associated with all the stages of a product's life for cradle to grave analysis. Valid documents should be submitted along with the bid.</p> <p>3) The proposed console shall be UL Listed and valid certificate to be submitted along with the bid.</p> <p>4) The control desk manufacture shall have trademark registration certificate issued by Government of India for the console proposed in this tender. Trademark registration certificate shall be submitted along with bid.</p>	<p>No additions envisaged in RFP.</p> <p>But additional features may be mentioned in the Bid which will be considered by evaluation committee for assessing.</p>

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
139.	ANNEXURE 14: TECHNICAL SPECIFICATIONS OF CITY COMMAND AND CONTROL ROOM 1. Civil Work, Safety Instrumentation and Furniture (at CCR). d. Partitions (wherever required as per approved drawing)	275	d. Partitions (wherever required as per approved drawing)	<p>Add on points in existing criteria:- To ensure zero compromise on aesthetical appeal of the control room it is recommended to consider the below information:-</p> <p>1) Easy replacement - UL audit certified design feature of Modular wall Paneling tile having secure locking arrangement for equidistant mounting. Locking arrangement to enables easy replacement without using any tool within 20 seconds. The feature shall provide easy flexibility of locking all tiles in one column through gravity. Valid UL audit certificate to be submitted along with the technical bid</p> <p>2) Load bearing capacity- UL audit certified design feature of Load bearing capacity of Paneling:- Paneling structure shall have load carrying capacity of 300 Kg to hold any display unit on clamp having minimum length of 750mm. Valid UL audit certificate to be submitted along with the technical bid.</p> <p>3) Micro-perforated : Modular Wall paneling tiles shall have UL audited design feature of clean perforations. The tile shall have 5000 holes of (less than 1.6 mm diameter each) per square feet per side of the tile. Valid UL audit certificate to be submitted along with the bid.</p>	No additions envisaged in RFP. But additional features may be mentioned in the Bid which will be considered by evaluation committee for assessing.
140.	L	294	20kVA/18kW (0-30deg C) / 16.2kW (30-35 degC) /14.4kW (35-40 deg C)	We request you to please amend it to 20 kVA /20 kW @ 40 deg temperature	No Change Better specifications are welcome

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
141.	L	295	Power factor - 0.9 at 30Deg C	We request you to please amend it to Better (Unity PF @ 40 deg)	No Change Better specifications are welcome
142.	L	295	3- ph, 3-wire,N +PE / 1 phase, L-N +PE	We request you to please amend it to 3 phase 4 wire output	No Change Better specifications are welcome
143.	L	295	Slew Rate - 0.2Hz/s	We request you to please amend it to 0.8 to 2 Hz/sec	No Change Better specifications are welcome
144.	L	295	Recovery Time - 60 millisecond	We request you to please amend it to 20 msec	No Change Better specifications are welcome
145.	L	296	Voltage Range - +15% -20%	We request you to please amend it to +/- 15%	No Change Better specifications are welcome
146.	Ref Number: 13/Smart City/2019 (Part 1) Date: 05.05.2022 3) Video Wall- 1 Set Kavaratti Smart City Ltd	309	(c) Video wall solutions should be expendable as per future requirement of customer	Request you to change it to Complete end-to-end Video wall solutions i.e. Video Wall, Video Wall Controller and Software should be expendable and should be from single OEM as per future requirement of customer Justification: Complete solution from Single OEM makes solution more reliable in terms of long support and better compatibility	No additions envisaged in RFP. Bidders can provide better specifications. Additional features may be mentioned in the Bid which will be considered by evaluation committee based on requirement and merit.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
147.	Ref Number: 13/Smart City/2019 (Part 1) Date: 05.05.2022 3) Video Wall- 1 Set Kavaratti Smart City Ltd	309	(e) Brightness: 300 CD per square meter or better	Request you to change it to Brightness: 500 CD per square meter or better on screen Justification: New generation LED comes with more brightness to use in more ambient lighting condition	No Change Better specifications are welcome
148.	Ref Number: 13/Smart City/2019 (Part 1) Date: 05.05.2022 3) Video Wall- 1 Set Kavaratti Smart City Ltd	309	(n) Screen Life: Normal mode: 60 000h and Eco mode: 80 000h	Request you to change it to LED Life: Normal mode: 1,00,000 hours and Eco mode: 1,00,000hours Justification: New generation LED comes with more lifetime which gives user better ROI	No additions envisaged in RFP. Bidders can provide better specifications. Additional features may be mentioned in the Bid which will be considered by evaluation committee based on requirement and merit.
149.	Ref Number: 13/Smart City/2019 (Part 1) Date: 05.05.2022 3) Video Wall- 1 Set Kavaratti Smart City Ltd	309	(r) Video wall shall be equipped with a cube control & monitoring system	Request you to change it to Video wall shall be equipped with a cube control & monitoring system with Maximum Power consumption 150 Watt or less Justification: Power consumption of video wall is missed out from the specification request you to add	No Change Better specifications are welcome

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
150.	Ref Number: 13/Smart City/2019 (Part 1) Date: 05.05.2022 3) Video Wall-1 Set Kavaratti Smart City Ltd	309	(e) Brightness: 300 CD per square meter or better	Request you to change it to Brightness: 500 CD per square meter or better on screen Justification: New generation LED comes with more brightness to use in more ambient lighting condition	No Change Better specifications are welcome
151.	Ref Number: 13/Smart City/2019 (Part 1) Date: 05.05.2022 3) Video Wall-1 Set Kavaratti Smart City Ltd	309	(r) Video wall shall be equipped with a cube control & monitoring system	Request you to change it to Video wall shall be equipped with a cube control & monitoring system with Maximum Power consumption 150 Watt or less Justification: Power consumption of video wall is missed out from the specification request you to add	No Change Better specifications are welcome
152.	3a	309	Configuration: Video Wall Cubes of min 70" DIAGONAL Cube & controller	Configuration: Video Wall Cubes of min 70" DIAGONAL Cube & controller with Control BD Input terminals: Input: 1 x Digital DVI Input: 2 x HDMI , 1 x DP, Output 2 x HDMI.	Bidders can provide better specifications.
153.	3d	309	Technology DLP based LED rear projection	We request you to please change - Technology DLP based Laser light source rear projection.	Amended Corrigendum being issued
154.	3m	309	Screen to Screen Gap: ≤ 1.0 mm	It should be ≤ 0.2 mm at control temperature between 20~25 Deg. C.	No additions envisaged in RFP. Bidders can provide better specifications.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
					Additional features may be mentioned in the Bid which will be considered by evaluation committee based on requirement and merit.
155.	3l	309	IR remote control/ IP based shall also be provided for quick access	IR remote control and IP based shall also be provided for quick access	No additions envisaged in RFP. Bidders can provide better specifications. Additional features may be mentioned in the Bid which will be considered by evaluation committee based on requirement and merit.
156.	30	309	Input: 1 x DVI/ 1 x HDMI	Input: Controller should have 15 Nos of universal Inputs.	do
157.	3v	309	Video wall content will be able to show live on any remote display, mobile, with Browser (IE/Chrome/Mozilla/safari)	Software should be able to Save and Load desktop layouts from Local or remote machines	do
158.	3q	309	Shall provide auto color adjustment function. Each cube/panel of video wall should be equipped with inbuilt sensor ensuring automatic & continuous brightness and color calibration	Software should support to control the Brightness, Contrast, Saturation, Hue, filtering, Crop and Rotate function as per user requirement	do
159.	Video wall	309	1920x 1080 native or better	Full HD resolution 1920x1080 is out dated resolution hence it has many limitation when considered for future expansions .Hence request you to kindly change to 4k(3840x2160) Resolution in each cube .	Amended Corrigendum being issued.
160.	Video wall	309	(e) Brightness: 300 CD per square meter or	450 cd/m2 or more	Bidders can provide better

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
			better		specifications
161.	Video wall	309	(f) Brightness Uniformity: 95 %	Better than 98% uniformity	Do
162.	Video wall	309	(g) Dynamic Contrast: 1500:1 or more	Static Contrast ratio 1800:1 or better	Do
163.	Video wall	309	(h) Intel Xeon Quad core 3 Ghz or Core i7, 3 Ghz or more, with 32 GB RAM	Dual core, Quad Core Xeon, i3, i5 & i7 processors	do
164.	Video wall	309	(l) IR remote control/ IP based shall also be provided for quick access	Both IR remote control & IP based shall also be provided for quick access	do
165.	Video wall	309	(o) Input: 1 x DVI/ 1 x HDMI	4K / SD video / HD video / DVI / HDMI / RGBHV / VGA / Component video / HD-SDI / Streaming video / Network / RSS feed / Ticker	Bidders can provide better specifications
166.	Video wall	309	(p) Output: 1 x DVI / HDMI	DVI,DP,RGB	Bidders can provide better specifications.
167.	Video wall	309	(v) Video wall content will be able to show live on any remote display, mobile, with Browser	Video wall should be connected to mobile/laptop through wireless	Bidders can provide better specifications
168.	Video wall	309		Each cube should be less than 600mm of depth to save the space requirement	Do
169.	Video wall	309		The software should be able to record and playback the whole video wall.	Do
170.	Video wall	309		Screen to screen gap should be less than .2mm.	Do
171.	Video wall	309		The redundancy should be for the dual power supply in cubes and controller for better redundancy.	do

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
172.	4	311	No. of line - ISDN PRI lines & Analog / Digital Extensions: 1 PRI from BSNL, 32 Extensions (IP / Analog / Digital)	We request you to make Digital Extensions as optional since it is an obsolete technology and will not be supported for any 3rd party integration in the future. We recommend you to make IP Extensions as main requirement so as to have feature rich phones working on open standards such as SIP Protocol (RFC3261)	Additional features may be mentioned in the Bid which will be considered by evaluation committee based on requirement and merit.
173.	5	311	Type of Extension Support: Analog, Digital and IP	We request you to make Digital Extensions as optional since it is an obsolete technology and will not be supported for any 3rd party integration in the future. We sincerely request you to amend the clause as Analog, Digital/IP .	Amendment Corrigendum being issued
174.	13	311	Modular with universal slots, wall mountable	It is requested to modify the same to rack mountable as currently all the industry grade systems available in the market supports rack mounting as the preferred deployment option.	Rack mounting can also be provided.
175.	6) Other Facilities for CCR Employees	312	This Control Centre will also have the following facilities for the staffs and officers for better indoor environment quality: <ul style="list-style-type: none"> • Locker Room facilities for Staff and Officers • Recreation Spaces with games • Canteen and Dining Spaces • Conference Room / Meeting Room • Lecture Room / Training Room 	We believe that other facilities shall be delivered by KSCL & are out of bidder scope. Kindly confirm	Amendment Corrigendum being issued
176.	ANNEXURE 15: EDGE DC TECHNICAL SPECIFICATION	315	Edge Datacenter: Technical specifications for HW and software.	Please help us to understand the usage of Edge data centre, would this be for only Kavarati or for overall islands also please clarify about the connectivity at each island.	Only for Kavaratti .

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
177.	ANNEXURE 15: EDGE DC TECHNICAL SPECIFICATION	315	The Edge Datacenter (EDC) is designed to function as a cache to the Cloud service provider(CSP) in case the communication breakdown.	Please elaborate the functional of EDC and CSP . EDC details along with hardware is mentioned in the RFP ,but CSP based cloud instance details is missing in the RFP. So please clarify the cloud instance details and application which will be functional on cloud . Also clarify whether bidder should consider 100% load of EDC on CSP instance.	Bidder should consider 100% load of EDC on CSP instance.
178.	Annexure 15	315	EDGE DC TECHNICAL SPECIFICATION	We understand bidder is required to maintain two data center - one at on premise and another on cloud.	Edge DC will be required till submarine cable is commissioned.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
179.	6. Specification for 2 Processor Blade server	323	Secure encryption : System should support Encryption of the data (Data at rest) on both the internal storage and cache module of the array controllers.	<p>Request Department to consider KMIP Server to store the encryption key and protect the department sensitive data. The justification is mentioned next to this column.</p> <p>Justification:- Thales Enterprise Key Management solutions are built on CipherTrust Manager. They deliver a robust, standards-based platform for managing encryption keys from disparate sources across the enterprise. It simplifies the administrative challenges around encryption key management to ensure that keys are secure and always provisioned to authorized encryption services. Thales key management solutions support a variety of applications,</p> <p>CipherTrust Enterprise Key Management solutions enable organizations to centrally manage and store cryptographic keys and policies for the third-party products</p> <p>KMIP Server: provides a simple interface to the key management functions on the CipherTrust Manager, delivering powerful, centralized key management capabilities for KMIP-compliant applications / systems such as SAN and NAS storage arrays, self-encrypting drives, and hyper-converged infrastructure solutions.</p>	Additional features may be mentioned in the Bid which will be considered by evaluation committee based on requirement and merit.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
180.	KSCL ICCC Rfp.pdf ANNEXURE 17: GEOSPATIAL SERVER SOFTWARE COMPLIANCE MATRIX 2. Customization and Development of web based spatial decision support system (SDSS)	342	9 Periodic updating of Satellite Imagery as per availability	As per our understanding we assume that the satellite imagery will be provided by the department/MSI/vendor during the AMC phase and we will only incorporate and display the updated satellite image in the portal. Please confirm our understanding.	Yes updating will be through multiple sources.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
181.	ANNEXURE 17: GEOSPATIAL SERVER SOFTWARE COMPLIANCE MATRIX 2. Customization and Development of web based spatial decision support system (SDSS)	342	Periodic updating of Satellite Imagery as per availability	The Scope for GIS Base Map creation is not defined in the RFP. We understand that base map along with satellite images will be provided by KSCL to the successful bidder. Is our understanding correct?	yes
182.	GEOSPATIAL SERVER SOFTWARE COMPLIANCE MATRIX, Annexure 17, 6.3	346	The proposed solution should provide a synchronized lookup functionality for automatically uploading and cataloguing of raster datasets from a remote machine, very much like a Drop Box. The administrator should be able to configure multiple drop boxes between remote machines (Over a network) and the server, wherein the server should look up to these incoming folders, and as soon as any raster dataset is dropped in the lookup folders, it should automatically be uploaded to the preconfigured location on the server and once uploaded, the same should also be catalogued along with all metadata harvesting facilities. Once configured the	This point is OEM specific. Request you to please delete this clause	No change envisaged

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
			drop box should not require any manual intervention apart from dropping raster files on the incoming folders.		
183.	ANNEXURE 17: GEOSPATIAL SERVER SOFTWARE COMPLIANCE MATRIX 7. GIS Server: Data Portrayal and delivery over Web Client (Point Number 17)	347	GIS application should be open source and should comply with open standards and Metadata as per Indian IT act.	As per the objective of the project is to be achieved on COTS or Open-Source platform. So, we kindly request you to also mention COTS also as a GIS application platform in the statement and rephrase it as "GIS application should be open source/ COTS and should comply with open standards and Metadata as per Indian IT act"	Amended. Corrigendum being issued.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
184.	KSCL ICCC Rfp.pdf ANNEXURE 17: GEOSPATIAL SERVER SOFTWARE COMPLIANCE MATRIX	349	9. GIS Server: Data management and dissemination requirements 12 The system should enable users of the standard gazetteer service to query by place name using OGC WFS-G.	Purpose of WFS-G services is to provide geographic location for specific street address. Such functionalities can be achieved using services like Geocoding/reverse geocoding process as well as WFS. Every platform has different way to cater to the functional need. Asking for WFS- G standard compliance restricts the specification to single OEM because it is not a widely used standard. Hence, we request to remove WFS-G OGC service from the list to make it level playing field to participate for other GIS platform.	Amended. Corrigendum being issued.
185.	KSCL ICCC Rfp.pdf ANNEXURE 17: GEOSPATIAL SERVER SOFTWARE COMPLIANCE MATRIX 10. GIS Server: Web-services and web-portal requirements	351	13 The system should support streaming of large raster data through ECWP and JPIP.	ECWP/JPIP are OEM specific and proprietary compression tool/service. It is requested to remove such OEM specific tools and services, since it restricts other interested OEMs in participation. It is requested to allow other open compression tools and services like LZW or LZMA etc...	Amended. Corrigendum being issued.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
186.	GEOSPATIAL SERVER SOFTWARE COMPLIANCE MATRIX, Annexure 17, 10.12	351	The system should also allow clipping and downloading of point cloud data in LAS format.	This point is OEM specific. Request you to please delete this clause	Amended. Corrigendum being issued.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
187.	Annexure 18	353	<p>1. Program Manager</p> <p>Minimum Qualification</p> <ul style="list-style-type: none"> • Education: MBA/MCA/M.Tech& B. Tech/B.E.(IT/Computer Science) from a recognized educational institution • Should preferably have PMP or Prince2 certification <p>Relevant Experience</p> <ul style="list-style-type: none"> • Experience: Minimum 10 years in IT sector • Should have more than 5 years of experience of handling such large projects as a project manager • International Work experience in implementation of Citizen centric service/Domain ICT project • Should preferably have e-Governance project experience 	<p>Looking in to the scope of work and as per Industry Practice, Manpower having good work experience can handle roles and responsibilities of Program Manager. This will be cost effective as well as help in implementation smoothly. Further, there is no such international experience required in Team Evaluation matrix. Therefore, we request authority to amend the clause as below:</p> <p>"1. Program Manager Minimum Qualification</p> <ul style="list-style-type: none"> • Education: MBA/MCA/M.Tech& B. Tech/B.E.(IT/Computer Science) from a recognized educational institution • Should preferably have PMP or Prince2 certification <p>Relevant Experience</p> <ul style="list-style-type: none"> • Experience: Minimum 10 years in IT sector • Should have more than 5 years of experience of handling such large projects as a project manager • International Work experience in implementation of Citizen centric service/Domain ICT project • Should preferably have e-Governance project experience" 	No Change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
188.	20	356	POC Evaluation Process	In order to do POC, whether the connectivity to Cloud service to be established or the MSP will have to provide the POC with the infrastructure locally.	In order to understand the platform the demonstration will take place on a local server.
189.	ANNEXURE 20: POC OF EVALUATION PARAMETERS	356	As per Technical evaluation in RFP, POC mentioned at Ser 2 , page 72 , the capabilities of ICCC to be demonstrated using Cloud hosted environment for different applications domains as listed below through the relevant Use cases in India context for respective application/s infrastructure (sensors/gateways) in following city services domains.	We understand the bidder and OEM needs to demonstrate the ICCC for POC however the mentioned use cases which needs to be demonstrated has to be there in the Bill of material but the RFP is mainly focused on GIS & ICCC, please help us to understand if the API's for the same will be enabled by the Authority for the integration to demonstrate the use cases if all the systems are available for the integrations	APIs will be provided if required.
190.	ANNEXURE 20: POC OF EVALUATION PARAMETERS	356	POC Solutions - Smart surveillance Should demonstrate using camera and Edge Analytics – a. Detection and classification of human, animal and vehicle b. Loitering detection c. Person climbing barricade d. Person collapsing e. Person/Face recognition f. Detection and Recognize the pattern.	These are capabilities of Video Management system and Video analytics . Since this solution is not part of bidder scope , it will not be possible to showcase sensor functionality. We can demonstrate integration capability if KSCL provides APIs else kindly remove this POC clause	No Change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
191.	ANNEXURE 20: POC OF EVALUATION PARAMETERS	356	Should demonstrate using camera and Edge Analytics – a. Detection and classification of human, animal and vehicle b. Loitering detection c. Person climbing barricade d. Person collapsing e. Person/Face recognition f. Detection and Recognize the pattern	Edge Analytics would require additional hardware procurement during PoC. The same demonstration can be done on cloud and only public RTSP Link is required for the camera to be shown for Demo. Request you to change the same.	We shall issue clarification on Modus of POC. But the features are required on the ICCC platform.
192.	3.15.31. 3.16.6.(i) 11	160 179 107	Liquidated Damages "...deduct from the Contract price, as liquidated damages, a sum equivalent to 0.02 % per week or part thereof of Contract Value for a milestone/quarter...." Penalty for non-achievement of SLA Requirement:- "Any delay in the delivery of the project deliverables (solely attributable to vendor) would attract a liquidated damage per week of 0.2% of the Total CAPEX of Request Order value per week for first 8 weeks and 0.3% per week for every subsequent week." 11. FAILURE AND TERMINATION "If the contractor fails to deliver the equipment or any instalment thereof within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period, the Purchaser / Employer may	There are multiple clauses related to the penalty against liquidated damages. Kindly clarify which one is to be considered.	No change

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
			without prejudice to his other rights:- Recover from the Contractor as a penalty a sum equivalent to 0.5 % value of total LOA / purchase order (contract value) per week..."		
193.	BOQ_1914.xls		1.03) Development of mobile app including citizens grievance module integrated with payment gateway(BBPS) for all functions of the command and control application as per the Compliance Matrix along with requisite licenses hosted on a MeitY (Ministry of IT) empanelled Tier III Cloud Service Provider (CSP).	Please detailed technical and functional requirement of mobile app for bidder to work on cost estimates.	All the features of the citizen service portal shall be required on mobile app.
194.			Mobile App	Please confirm number of concurrent users for mobile app	The Island has a population of 70000 people. In addition there will be tourists.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
195.	BOQ_1914.xls		2.04)Bandwidth for connectivity :(Will be paid directly to ISP as per actual billing based on quoted rates under tri-party agreement between Kavaratti Smart City, bidder and ISP) per year for 100 Mbps.(per Mbps cost shall be arrived at for scalability purpose)	Bandwidth service providers do not provide per Mbps costs & increase in costs is not linear. Hence it would not be feasible to support costs which is arrived at on basis of 100Mbps cost. We suggest to to confirm required bandwidth & accordingly bidders shall quote.	100 MBPS is required for all islands put together. If additional bandwidth is required then it will contracted later directly with the service provider on a prorate basis.
196.	BOQ_1914		BOQ_1914	boq is not quantify many item are asked in lumpsum quantity its wil be difficuly for cost istimation its challenging for KSCL to appal to appal evaluation in just manner.	Follow compliance matrix. If any additional items over and above compliance matrix and RFP is required the same can be mentioned in the appropriate column.
197.				Please give additional 2-3 days after prebid meeting to submit additional queries.	
198.	BoQ		1.03: Development of Mobile App including citizens grievance module integrated with Payment gateway...	<p>1. Does Authority has any existing Payment Gateway / SMS Gateway that MSI to integrate or MSI is required to propose the solution?</p> <p>2. In case MSI is required to propose the solution, the cost of payment gateway/SMS gateway and any recurring cost will be borne directly by the Authority. Please clarify</p>	No payment gateway is existing. Integration with BBPS is required.

SNO	Clause No.	Page No	Content of RFP Requiring Clarification	Change Requested/ Clarification required	Clarification
199.	BoQ		1.08: Aadhaar Integration with ICCC COTs platform	<p>1. Please suggest the scope of integration and what use case / service is expected for more clarity and effort estimation</p> <p>2. As per page no 93 it has mentioned to developed AUA and KUA . Please clarify is this the part of the MSI scope or MSI is required to integrate the Aadhaar as per point no 1 only?</p>	KSCL will be the AUA/KUA Integration is part of MSI and Aadhaar eKYC and authentication will be used for relevant use cases.

-SD-
S. ASKER ALI. IAS
CHIEF EXECUTIVE OFFICER
KAVARATTI SMART CITY LIMITED