

GUJARAT STATE DISASTER MANAGEMENT AUTHORITY (GSDMA)
EARLY WARNING DISSEMINATION SYSTEM (EWDS)
NATIONAL CYCLONE RISK MITIGATION PROJECT II (NCRMP-II)

Bid Number: IN-GSDMA-156902-CW-RFB

N Procure Tender ID: 403455

Date: 05/06/2020

Corrigendum-VII

Name of Work: Selection of System Integrator (SI) for supply, installation, testing and commissioning of Early Warning Dissemination System (EWDS) and Emergency Operations Centers as well as Operation and Maintenance and Annual Maintenance Contract Services under NCRMP-II Project.

On account of the unprecedented situation of lock down due to COVID pandemic, GSDMA had organized the Prebid Meeting through online Video Conferencing for procurement of System Integrator (SI) for supply, installation, testing and commissioning of Early Warning Dissemination System (EWDS) and Emergency Operations Centers as well as Operation and Maintenance and Annual Maintenance Contract Services under NCRMP-II Project on 20th May 2020 and was attended by 52 participants including the Government officials and bidder's representatives. At the outset CEO, GSDMA welcomed everybody present for the meeting.

A Brief presentation about the work was presented before the audience. The members representing the bidders were asked to furnish their queries. Replies to the queries are presented in Appendix A and Corrigendum RFB presented in Appendix B.

The meeting ended with a vote of thanks.

[Anuradha Mall]
PS (R&R) & CEO GSDMA

Appendix A

Clarifications to queries raised by the prospective bidders.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
1	Section II – Bid Data Sheet (BDS), Award of Contract, ITB 46 - Page No. 51	<p>The Adjudicator proposed by the Employer is: Shri. Pawan Kumar Garg. (Ex-Wireless Adviser to Government of India)</p> <p>The daily fee for this proposed Adjudicator shall be: INR 10,000. INR 10,000 excluding transportation, boarding and lodging</p>	<p>This is seems variable expenditure. We request to revise the same with one time fixed cost inclusive all for the tenure of the project. Thus, it would help bidders to estimate the financial cost.</p>	<p>Clause remains unchanged</p>
2	1.6. Specific additional criteria / Offered product OEM/Authorized Partner/Service Provider – (Network) - Page No. 66	<p>Implementation of at least one (1) project related to: Emergency Operation Centre or Network Operation Centre, LAN, WAN, Internet Services with over 100 WAN Nodes. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted</p>	<p>We request to allow bidders to submit the proof of their own NOC [Network Operation Centre] established for the serving the domestic/global customers and accept the same.</p> <p>Also, request to revise the clause as below.</p> <p>Implementation of at least one (1) project related to: Emergency Operation Centre or Network Operation Centre / LAN / 'WAN OR Internet Services' with over 100 WAN Nodes. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.</p>	<p>The Clause is modified to as - Implementation of at least one (1) project related to: Emergency Operation Centre/ Network Operation Centre/LAN/ WAN/ Internet Services with over 100 WAN Nodes. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
3	2.4.2 Specific Experience, Page No. 72	<p>(a) Participation as contractor, joint venture partner¹, management contractor, or subcontractor, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially² completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.</p>	<p>We request to revise the clause as below. Clause to be omitted striked out in red colour. Clause to be modified mentioned in blue.</p> <p>(a) Participation as contractor, joint venture partner¹, management contractor, or subcontractor or EOM or Service Provider, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially² completed. and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI / Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS/Integrated Command and Control Center/ Emergency Operations Centers/ Network Management centers/ VSAT and/or telecom networks / WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.</p>	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
4	2.4.1 –a. General Experience, Page No. 72	Experience and proven record in implementing heterogeneous system integration projects, WAN connectivity, network operations center, telecom projects, early warning dissemination system, etc. for at least the last 5 years on the date of submission deadline, and with activity in at least last 1 year. Successful completion certificate /purchase order with delivery orshipping document or payment as a proof from competent authority required to be submitted.	We request to revise the clause as below.Experience and proven record in implementing heterogeneous system integration projects / WAN connectivity / Integrated Command and Control Center / network operations center / telecom projects / early warning dissemination system, etc. for at least the last 5 years on the date of submission deadline, and with activity in at least last 1 year. Successful completion certificate /purchase order with delivery orshipping document or payment as a proof from competent authority required to be submitted.	The clause is modified as - Experience and proven record in implementing heterogeneous system integration projects/ WAN connectivity/ network operations center/ telecom projects/ early warning dissemination system, etc. for at least the last 5 years on the date of submission deadline, and with activity in at least last 1 year. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.
5	2.4. Experience, 2.4.2 Specific Experience, Page No. 72 - NOTES	For contracts under which the Bidder participated as a joint venture member or sub-contractor, only the Bidder's share, by value, shall be considered to meet this requirement.	We request to revise the clause as below to be in Sync with the above request for the revision to consider the experience and qualification of OEM and 'Service Provider'. For contracts under which the Bidder/Service Provider/OEM participated as a joint venture member or sub-contractor, OEM, 'Service Provider' only the Bidder/OEM/Service Provider's share, by value, shall be considered to meet this requirement.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
6	2.4. Experience, 2.4.2 Specific Experience, Page No. 72 - NOTES	In the case of JV, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.	<p>We request to revise the clause as below to be in sync with the clauses allowing consortium in other part of the RFP.</p> <p>In the case of JV/Consortium, the value of contracts completed by its members shall not be aggregated to determine whether the requirement of the minimum value of a single contract has been met. Instead, each contract performed by each member shall satisfy the minimum value of a single contract as required for single entity. In determining whether the JV/Consortium meets the requirement of total number of contracts, only the number of contracts completed by all members each of value equal or more than the minimum value required shall be aggregated.</p>	Clause remain unchanged
7	2.5. Personnel , Operations and Management Phase -Supervisor cum telecom specialist, Page No. 75	Experience of managing EOC for 10 years. MBA, B. Tech (ECE)	We request to revise the clause as below. Experience of managing EOC for 10 years. B. Tech (ECE) / Science Graduate / Diploma in ECE	Clause remains unchanged
8	(a) Time Schedule, Page No. 78	Time to complete the Infrastructure and Installation Services from the effective date specified in Article 3 of the Contract Agreement for determining time for completion is: 9Months. No credit will be given for earlier completion.	We request to revise the Project Implementation period up to 15 Months instead of 9 Months considering the geographical locations and Scope of Work.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
9	Format for Evidence of Access to or Availability of Cash Flow. Page No. 121	To be given from a Nationalized Bank in India-No substitute other than this will be acceptable)	We request to revise the clause to accept the evidence of access to or availability of cash flow, from any scheduled bank in India instead of only nationalized banks.	The clause is modified as : FORMAT FOR EVIDENCE OF ACCESS TO OR AVAILABILITY OF CASH FLOW - [To be given from a Nationalized or Scheduled Bank in India-No substitute other than this will be acceptable)]
10	Section 15, Page No. 379	The copyright in all drawings, documents and other materials containing data and information furnished to the Employer by the Contractor herein shall remain vested in the Contractor or, if they are furnished to the Employer directly or through the Contractor by any third Party, including suppliers of materials, the copyright in such materials shall remain vested in such third Party.	Request to add and confirm that, Copyright of newly generated software will be with the bidder or a consortium member who has developed the same.	Clause remains unchanged . Any Part or Parts of Software code developed for Employer and on the expense/resources of Project will remain with the employer.
11	Section 16, Page No. 379	The Employer and the Contractor shall keep confidential and shall not, without the written consent of the other Party hereto, divulge to any third Party any documents, data or other information furnished directly or indirectly by the other Party hereto in connection with the Contract, whether such information has been furnished prior to, during or following termination of the Contract.	A new clause for destruction of information should be added , which may be as follows: On reasonable written demand by either Party, the other Party shall destroy all memoranda, notes, records, drawings, manuals, reports, computer software, and other documents or materials (and all copies of the same) that have been obtained from either Party save to the extent that either Party is required to retain any of the same by any applicable	Clause remains unchanged.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
			law, rule or regulation or by any competent judicial, governmental, supervisory or regulatory body.	
12	1.6. Specific additional criteria / Page No. 63	The Lead Partner should have minimum 50 regular professional employees (B.E / B.Tech / equivalent) on its payroll as on bid submission date. Certificate from company secretary / authorized signatory required to be submitted.	RFP permits JV. All pre-qualification clauses in RFP entiles joint expereince. Hence we request GSDMA to consider all partners combined must meet requirement of 50 regular professional employees.	Clause remains unchanged.
13	2.4.1 –a. GeneralExperience	Experience and proven record in implementing heterogeneous system integration projects, WAN connectivity, network operations center, telecom projects, early warning dissemination system, etc. for at least the last 5 years on the date of submission deadline, and with activity in at least last 1 year. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.	While going through the above RFP, it is observed that the work in question is completely new in its nature in India and there would be very few bidders who can fulfil the Pre-Qualification criteria given in NIT / RFP individually or as a lead bidder. NCRMP program is not just only ICT project, but it has significant portion of civil, designing, mast, electrical portion and handling mission critical projects. The given criteria of general expereince limiting to ICT projects favoring few bidders only. We request to revise the clause as below for the experience as defined general category: Experience and proven record in implementing heterogeneous system integration projects / WAN connectivity / network operations center / telecom projects / early warning dissemination system, Infrastrcure projects with ICT components, SCADA, Defense Mission	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
			critical projects, Resilience of power infrastructure, Multi Hazard risk projects, Tech Defense Hangers etc for at least the last 5 years on the date of submission deadline, and with activity in at least last 1 year. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.	
14	2.4.2 Specific Experience	(a) Participation as contractor, joint venture partner management contractor, or subcontractor, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will	While going through the above RFP, it is observed that the work in question is completely new in its nature in India and there would be very few bidders who can fulfil the Pre-Qualification criteria of Specific Experience. It is a mission critical project. We request to consider the experience and qualification of SIREN OEM or Network solution provider who may not part of the JV/Consortium. As per the norms given in the RFP for the OEM, OEM are already bounded to provide all the necessary support, equipment during and after the tenure of the project directly/indirectly to the authority of 'Gujarat Disaster Management' department. We request you to amend the clause of 'Specific Experience'.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		also be considered, however purely electrical and civil works will be not be included.		
15	Page 188, Table - Internet Bandwidth requirement	Planned implementation period for:... Group messaging system and connectivity with 3 TSPs in Gujarat state,--->Commissioning of facilities after acceptance testing within Maximum 270 days from the date of signing of contract and handing over possession of location free of any incumbencies	We assume that in case of delays / deviations in performing operational acceptance caused by parties other than the bidder, the system will be excluded from this 270-day technical parameter.Please confirm.	Clause remains unchanged
16	Page 190, Section 9.4.1 Group Messaging System	Table indicates SEOC and 15 DEOCs.	Can you confirm if there is an existing mechanism to start up applications at DEOC if / when the SEOC data centre is down? If not, then please indicate if bidder should offer this transfer of control from SOEC to DEOC (and back, on SEOC recovery) in his offer?	Bidder has to provide all the hosting ,storage and recovery facilities required under the project.
17	Page 191, Section 9.4.2 Location Based Alert System, Scope of Work for Group Messaging system, item (b)	The web-based application Software shall be hosted centrally on a redundant server system at SEOC (with option for installation of redundant system at another secure location).	Please confirm if a non-redundant setup of the system would suffice at DEOC?	Redundant server at Backup DEOC is not asked in the RFB Document.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
18	Page 193, Section 9.4.2 Location Based Alert System, Scope of Work for Group Messaging system, item (h) Reliability and timeliness	The Bidder shall ensure the setting up of required IT infrastructure and integration at bidder's Data Center and TSP premises to work the solution on.	As per scope of work, Frontend UI for Messaging System (including Group Messaging System and Location Based Alert System) will be deployed at SEOC (and DEOC for backup), and Location Based Alert System Engine will be installed at each of the TSP premises. Hence, no system is to be deployed at bidder's data centre. Therefore, kindly remove the phrase "bidder's data centre" in this text.	Bidder has to design the solution based on the RFP requirements. Design, configuration , hosting , storage, security maintenance and recovery is bidders responsibility. Bidders solution should be compliant with the functional requirement of the project and aligned towards project objectives.
19	Page 214, 15.1 Group Messaging (SMS) System, Item 25	The messaging Platform must support acknowledgement based mobile messaging with guaranteed message delivery information.	This is understood to mean that whenever a recipient mobile receives a message from Messaging System, a delivery receipt for SMS is to be sent back to the system so that count of delivered messages can be logged and displayed. Kindly confirm.	Yes. Delivery reports should be easily accessible to the employer.
20	Page 214, 15.1 Group Messaging (SMS) System, Item 24 Message modification	The status of log to be displayed in the TV screen on GIS platform in green / orange / red for the SMS read / received / not read etc.	Read receipts are not possible in SMS technology, only Delivery reports shall be available. Kindly request to amend the same.	Clause is modified as - The status of log to be displayed in the TV screen on GIS platform in green / orange / red for the SMS Sent and Delivered / Sent but not delivered / Not Sent etc.
21	Page 215, 15.1 Group Messaging (SMS) System, Item 28 QoS	Create, Edit, Reply, Forward, Export, Delete or Send SMS messages	Our understanding is that Create / Edit / Delete refer to message editing by user *before* sending an alert from Messaging System. Alerts once sent cannot be modified as per integrity criteria 31 (ii). Kindly confirm	Clause remains unchanged. We understand that a sent message cannot be edited after sending it.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
22	Page 191, 9.4 Scope of Work for Messaging Systems	Quality of Service: Service provider will ensure a high quality of service. Servers deployed should have inbuilt redundancy and auto change over mechanism to backup system in case of failure of operating system	a) Kindly confirm whether the failover of Messaging System hosted at SEOC to the backup system hosted at DEOC will be scripted by Support team. b) Kindly confirm if servers at DEOC will be PASSIVE. i.e. the DEOC server will not service users until SEOC (ACTIVE site) fails and re- routing to DEOC is complete. c) RFP does not mention if servers at backup (DEOC) site should also be redundant. Kindly confirm.	1. Backup DEOC will function as other DEOCs in normal conditions. In case of Failure at SEOC, the backup DEOC will take on all functions of SEOC automatically. 2. Refer Point 1. 3. Refer Query 17
23	Page 191, 9.4 Scope of Work for Messaging Systems	All sub-clauses under “Scope of Work for Messaging Systems”	Kindly confirm whether all sub-clauses under “Scope of Work for Messaging System” should be applicable for all components of the Messaging System (Section 9.4).	The messaging system is category group defined to encompass both types of SMS based systems to be deployed. Both the systems - LBAS and Group Messaging systems can be independent of each other with suitable integrations. Conditions applicable to Location Based Alert system which are common to Group Messaging system are applicable.
24	Page 218, Note to Bidder, Point 8	The system shall provide the ability to general public to register themselves to receive alerts for a set of pre- defined regions (e.g. districts) even if they are not present in that region at the time when the alerts are sent	This is understood to be a solution component for general public to register themselves – this component can be hosted on SEOC / DEOC with no TSP dependency. Kindly confirm.	This functionality should be manageable through an admin panel where user with admin role can look into the registrations and can choose to add them to a group for alerts. People, Users, first responders irrespective of their telecom operator should be able to

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
				receive the alerts.
25	Page 218, Note to Bidder	The softcopy of updated Cloud based Data Backup Storage for Logs, mobile data of government officials, villagers, fishermen, tourist hotels etc. for Group Based Text & Voice SMS shall be handed over to the Purchaser on monthly basis.	This is a duplicate of Note to Bidder 02 in Section 15.1 (Page 216). Hence, we request that this note be deleted in Section 15.2.	The clause is applicable to LBAS subsystem also. The clause is modified as - The softcopy of updated Cloud based Data Backup Storage for Logs, reports of SMS delivery for Location Based Text & Voice SMS shall be handed over to the Purchaser on monthly basis.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
26	Page 254, C2	SEOC, and one of the selected DEOC and SMSC of telecom service providers	We hereby understand that integration between SEOC / DEOC system and the TSP's SMSC has to be via LBAS system installed at TSP premises as per clauses 16 and 18 of Section 15.2.	The Bidders solution should fulfill the functional requirement and objectives of the project. All the integrations should be in place before the project initiation to send the location based SMS at the time of need. Bidder should ensure performance of the system and availability of the resources to maintain the functional guarantees and Service Levels. Specific paneities related to performance will apply if the system does not perform as per requirement. If bidders proposed solution subcomponent/system is found to be non functioning , Bidder need to provide compliant subsystem without any extra cost.
27	15.1 Group Messaging (SMS) System, pt. 9, page 213	Load balancing - It is vital that system has load balance and congestion control ability within the PSTN (Public Switched Telephone Network). Congestion control system monitors the fixed phone network to check if there are any indications of overload or congestion during alert sending and optimize the	Does GSDMA support alternate approaches from bidders for voice calling that comply with functional and performance needs of the tender, or is PSTN-based calling the only approach acceptable? Kindly confirm.	Clause remain unchanged. PSTN lines will be provided by employer.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		delivery accordingly.		
28	15.1 Group Messaging (SMS) System, pt. 5, , page 213	Alerts over voice channels - It must now be possible to automatically send alerts over voice channel to mobile phones and fixed phones.	Will GSDMA provide voice infrastructure at SEOC and DEOC in order to facilitate voice calling feature? If YES, please provide details such as number of PRI lines per site.	Requirement is to send both text message and voice call to the intended recipients. PRI lines if and where required by GSDMA, will be provided to bidder. Bidder need to quote based on his estimates.
29	Page 4 , Section 8	All Bids must be accompanied by a bid security of the amount specified for the contract in the table below, drawn in favour of Gujarat State Disaster Management Authority, Gandhinagar. Bid security will have to be in any one of the forms as specified in the bidding document and shall have to be valid for 45 days beyond the validity of the bid.	Requested change; MSEs (Micro & Small Enterprises) are exempted from submission of Bid Security and Tender Fee in accordance with the central provisions of PPP-2012	Clause remains unchanged
30	Page 5 , Section 9a	original demand draft (for Rs. 15,000) towards the cost of bid document and registration on e-procurement website (if not previously registered);	Requested change; MSEs (Micro & Small Enterprises) are exempted from submission of EMD and Tender Fee in accordance with the central provisions of PPP-2012	Clause remains unchanged
31	Page 72 , Section 2.4. Experience	2.4.1 –b. General Experience Should possess ISO 9001:2008 or later certification. Valid ISO 9001:2008 or later certificate/s required to be submitted.	Requested change; 2.4.1 –b. General Experience Should possess ISO 9001:2008 or later certification. One party must be CMMi Level 5 appraised organisations.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
32	Page 73 , Section 2.4. Experience	<p>2.4.2 Specific Experience(a) Participation as contractor, joint venture partner¹, management contractor, or subcontractor, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially² completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.</p>	<p>Requested change;(a) Participation as contractor, joint venturepartner¹, management contractor, or subcontractor, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. (20 Cr. in case of MSEs) or (ii)one turnkey contract of value of at least INR 60 Cr (30 CR. in case of MSEs), that have been successfully and substantially² completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.</p>	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
33	Page 73 , Section 2.4. Experience	<p>2.4.2 Specific Experience (a) Participation as contractor, joint venture partner¹, management contractor, or subcontractor, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially² completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.</p>	<p>Requested change; Experience of Parent Company from Global Tenders may please be accepted.</p>	<p>Clause remains unchanged</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
34	Additional Support for MSME		Participation from MSME organisations may please be appreciated and included with the RFP. It is also requested that benefits under MSEs including but not limited to MSME Purchase Preference Policy 2012 i.e. in case MSE(s) quote price within price band of L1 (other than MSE) + 15%, they will be considered for award of complete job subject to matching of L1 price.may also be included with the RFP.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
35	Page-65 Offered product OEM/Authorized Partner/ Service Provider: (Alert and Warning System)	He should have implemented of at least two (2) nos. Alert Siren System with minimum 50 locations each for Mass Notification in last 5 years. For OEM – his Designed and Manufactured system should have been implemented in minimum 50 locations each in last 5 years. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.	Please note the following:1) In last 5 years or more none of the Indian company has completed a single project, which is having minimum 50 Siren Systems or more. More over GSDMA is asking for 2 projects of minimum 50 sirens each.2) Why two (2) similar projects of 50 Siren Systems each? not 1 (one) project of 100 sirens & 3 (three) project 35 sirens each?3) What about the company, who has completed 1 (one) project with 300 locations of Siren Systems?4) As per the Technical Specification of siren systems, there is no OEM in India, who can manufacture this kind of siren systems.1) Please also Allow:The lead bidder can use the experience of OEM (Indian or International) for Alert and Warning System.Please note that, as per the Department of Disaster Management & Civil Defence, Govt. of West Bengal the lead bidder can use the experience of any OEM.2) Please also Allow:1 (one) project of 150 sirens and/or 3 (three) projects 50 sirens each?3) Please note that the major item/component of this project is Siren Systems.4) Please allow the International OEM also.	1. Clause 1.6e experience requirement is for OEM/Authorized Partners/Service Providers. Lead Bidder or JV should provide experience of his proposed OEM/Authorized Partner/Service Provider.2. There is no restriction on International OEMs as per the RFB. Refer clause 1.6e first point.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
36	Page: 72 & 73 2.4.2 Specific Experience:	Specific Experience: (a) Participation as contractor, joint venture partner, management contractor, or subcontractor, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centres, Network Management centres, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.	<p>Why the contractor, joint venture partner, management contractor or subcontractor has given the relaxation of Two (2) extra years i.e. 7 years to eligible? Please clarify.</p> <p>1) Please allow: The lead bidder can use the experience of OEM (Indian or International) for Alert and Warning System.</p> <p>2) The contract value should also be in other currency which is equivalent to INR.</p>	Bidder has to provide his experience within last 7 years. Refer Clause 1.6e for OEM experience requirement.
37	Page – 145 Item Number:	1 (one) number of Integrated Emergency Warning System with Hardwar at SEOC and all TEOC.	How it is possible 1 (one) number of Integrated Emergency Warning System with Hardwar at SEOC and all TEOC? Please clarify.	RFP mentions the minimum requirement and bidder is expected to design and provide appropriate equipment in accordance with the objectives of the project.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
38	Page: 211 Point: 6: Horn speakers:	<p>Horn speakers: Horn speakers 4 units or more per location are to be mounted on towers as specified earlier in this document. Mounting Fixtures are to be provided by the contractor. The audio output power should be at least 300 watts RMS continuous per amplifier (or 600 Watts peak per Siren) or more.</p> <p>Direct-Single-Horn-Replacement must be possible at any time. Horns should be light weight, rugged, weather proof and compact in size and shape. They should be moulded in metallic aluminium finish for long lasting and rust proof even under saline weather conditions. Total weight of horn assembly should normally not exceed 80 kgs. Horns should preferably in rectangular shape and comply with low voltage directive standard EN 60065. Degree of protection for the horns should meet IP 65 specifications for protection against foreign particles such as dust and jets of water. In short, these installations should be ideal for outdoor use.</p>	<p>1) Is there any specific reason asking for sirens design of 4 or more separate horn speakers? 2) What decibel (dB) is required exactly at destination point i.e. at 1.5 Km? 3) Is any specific reason that the siren weight should be 80 Kg.? 4) Is there any specification reason asking for sirens design made of Aluminium design only? 5) Is there any specification reason asking for rectangular shape of the sirens design? 6) We observed that the technical specification of Siren System is cut, copy, paste of one particular company, which is favouring to them.</p> <p>1) It should be Omni directional with ± 2 dB throughout 360 Degree horizontal plane. 2) Minimum 118 dB at 30 Mtr can cover 1.5 Kms. Voice / Tone is clearly audible at 1.5 Kms with minimum 3 high efficiency 400 Watts speaker drivers. 3) The weight of the siren should be as per the design of the OEM. 4) Now a day's siren is made up with batter material like Poly Carbonate, which is also no deterioration from heat, humidity, sun and lite in weight. 'It should be as per the design of the</p>	<p>Clause is Modified as - Horn speakers: Horn speakers Omni Directional / 4 units or more per location are to be mounted on towers as specified earlier in this document.</p> <p>ALSO</p> <p>The specified minimum power output in the RFP is equivalent to 105.0 dB at 30 meters, which will meet required audio level of 70.0 dB at 1.5 Kilometer radial distance, with normal sensitivity of horn speakers. However, Bidder may offer higher power to ensure 70.0Db audio power at 1.5 km.</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
			OEM” 5) It should be as per the design of the OEM. 6) The technical specification of Siren System should be generic for better and fair competition.	

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
39	Page: 211 Point: 7:	<p>Horn Speaker Audio Coverage: The minimum coverage of warning broadcast should be 1.5 Km radius i.e. 3.0 km diameter and transmission should be Omni directional. The system audio output must be sufficiently high quality to be clearly audible at not less than 1.5 Kilometres (radius) from location of alert system. Expected audio level at 1.5 Kilometres from the amplifier locations should be at least 70 dB i.e. minimum 5 dB above ambient noise of 65 db.</p>	<p>1) Again, we observed that, this point of technical specification of Siren System is cut, copy, paste of one particular company, which is favouring to them.2) Is 70 dB at 30 Mtr will cover the 1.5 Kms and calculated as per the FEMA guideline?Reply is NO 70 dB will not provide the clear voice/tone at 1.5 Kms.3) As per Federal Emergency Management Agency (FEMA) -10 dB per distance double path model. ORAs per theory: -6 dB per distance double path model.4) Where this 5 dB comes from? The default standard is 10 dB. NEPA72 instruction is the 15dB over background noise level.1) The technical specification of siren system should be generic and as per the requirement for better and fair competition.2) Minimum 118 dB at 30 Mtr can cover 1.5 Kms and Voice /Tone is clearly audible at 1.5 Kms with minimum 3 high efficiency 400 Watts speaker drivers.</p>	Refer Query number 38

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
40	Page: 211 Point: 8:	<p>Mounting of speaker horns: The speaker horn arrays should have minimum 4 horns at 90 degrees to each other (the angle will be different in case more horns) to achieve 360 degrees (Omni directional) coverage are to be mounted on 15.0 meters self-supporting towers assembled from triangular structures or spun concrete towers should be used in at all other locations including tourist beaches.</p>	<p>1) Is there any specific reason asking for sirens Number/Design of 4 separate horn speakers at 90 Degree? 2) We observed that, this point of technical specification of Siren System is cut, copy, paste of one particular company, which is favouring to them</p> <p>1) Number of siren/hone should be as per the OEM design. 2) It should be Omni directional with ± 2 dB throughout 360 Degree horizontal plane.</p>	Refer Query number 38
41	As per the Pre-bid Meeting on 23/09/2019. On Page No. 13, Point No.: 22 & Page No. 22, Point No.49.	<p>1) On Page No. 13, Point No.: 22: The specified minimum power output in the RFP is equivalent to 105dB at 30 meters, which will meet required audio level of 70dB at 1.5 Km radial distance, with normal sensitivity of horn speakers. However, Bidder may offer higher power to ensure 70dB audio power at 1.5 Km. & Page No. 22, Point No.49: The specified minimum power output in the RFP is equivalent to 115dB at 30 meters, which will meet required audio level of 70dB at 1.5 Km radial distance, with normal sensitivity of horn speakers. However, Bidder may offer higher power to ensure 70dB audio power at 1.5 Km. 2) Which is correct 105dB at 30 meters OR 115 dB at 30 meters?</p>	<p>1) 105dB at 30 Mtr. will not provide the 70dB at 1.5 Km. Please note that, for 70dB audio level at 1.5Km, the output (sound level) of siren system should be minimum 118 dB at 30 Mtr/100 Feet. 2) 118 dB at 30 Mtr/100 Feet can cover 1.5 Km. of radius, which is clearly audible. 3) Please note that, as per FEMA guideline and technically the output/sound level (dB) should be measured at 30 Mtr /100 feet only. 4) We request you to please mention the sound level (dB) at 30 Mtr/100 Feet Only and delete 70dB audio power at 1.5 Km.</p>	Refer query no. 38

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
42	Point no 1 (i) and Point no 3 (b), Page 206-7	Input Voltage 220 V AC (From mains or UPS) - Power Supply 150W AC/DC Supply – 24V or 48V & - The system should work with nominal A/C 230 volts single phase in put or nominal 12 volts DC	clarify and specify only one power supply requirement . The VSAT system should work with nominal A/C 230 volts single phase in put or nominal 24/48 volts DC	Specifications for input power (220.0 Volts) are for mains or UPS supply. Bidder may opt for any input DC voltage of modem, Please note that VSAT will receive supply either from mains or solar panel based UPS.
43	23.1 State Emergency Operation Centre (SEOC), i.List of systems & equipments at SEOC under subheading “SATELLITE COMMUNICATION EQUIPMENT & SYSTEM”	"2 Mbps SCPC Link Between VSAT HUB & SEOC"	This seems to be a typo correction	The clause is modified to as - 1 Mbps SCPC Link Between VSAT HUB & SEOC

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
44	Section 2 - Qualification 2.4.2 Specific Experience - Page 72	Participation as contractor, joint venture partner, management contractor, or subcontractor, within the last 7 yrs. (i) one turnkey successfully completed contract of value at least INR 40 Cr. Or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.	Bidder/Any Consortium Member or OEM Experience for, Participation as contractor, joint venture partner, management contractor, or subcontractor, within the last 7 yrs. (i) one turnkey successfully completed contract of value at least INR 40 Cr. Or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centres, Network Management centres, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.	Clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
45	IFB, Cls. No. 9, Page No. 5	<p>The bidders are required to submit documents listed below, with Miss. Ekta Thaman, Deputy Director, Gujarat State Disaster Management Authority, 5th Floor, Block 11, Udyog Bhavan, Sector 11, Gandhinagar-382011 before the bid submission deadline, either by registered post/speed post only, failing which the bids will be declared nonresponsive and will not be opened.</p>	<p>With Covid Pandemic spread globally, and with no visibility of normalcy, the document submission on or before the bid submission date will not be possible and feasible.</p> <p>Accordingly, late submission of hard copies shall not become a measure of non-responsiveness of the Bidder. Further, in addition to registered post / speed post, delivery by Bidder's Authorised representative is also requested to be allowed.</p>	Refer Appendix B
46	Section VIII. Particular Conditions, PC 26. Completion Time Guarantee, Page 475	<p>Applicable rate for liquidated damages: 0.5% of contract price per week The above rate applies to the price of the part of the Facilities, as quoted in the Price Schedule, for that part for which the Contractor fails to achieve Completion within the particular Time for Completion.</p> <p>Maximum deduction for liquidated damages: 10% of Contract Price PC 26.3 No bonus will be given for earlier Completion of the Facilities or part thereof.</p>	<p>Please note that multiple LD clauses are mentioned in the RFP / Tender.</p> <ol style="list-style-type: none"> In view of the above, please confirm that LD mentioned in Section VII, PC shall only be applicable and rest all shall be considered deleted. The LD(s) shall be calculated on the delayed portion of the Contract Price excluding 2 Yrs O&M and 3 Yrs AMC Price. <p>Please Confirm.</p>	<p>Liquidated Damages against delay in completion is different from Liquidated Damages to the Employer in respect of the failure to meet the Functional Guarantees. Refer clause 28 page 412 and Penalties (Liquidated damage) during implementation stage on page 62 .</p> <p>0.5% per week Liquidated Damage is against Price Schedules , which will be for delay for the part for which contractor fails to achieve completion of the facility.</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
47	Section III Evaluation and Qualification Criteria, 1. Evaluation of Technical Part, Page no. 62	Penalties (Liquidated damage) during implementation stage: Penalties (Liquidated damage) during implementation stage: Penalties during implementation stage will be calculated based on delay in completion of the work as per contract terms. Per week delay of: * up to 4 weeks - 1% per week part thereof of delay* from 5 weeks to 8 - 1.5% per week or part thereof of delay* 3 Beyond 8 weeks - 10% flat Other conditions for termination of contract may apply		Refer Query No. 46
48	Section III Evaluation and Qualification Criteria, 1. Evaluation of Technical Part, Page no. 63	Penalties during the Operation and Maintenance and AMC Phases:		Refer Query No. 46
49	Section VI, Cl, No. 22(C5) , Page No. 254	22. Implementation Schedule Table C5 LBAS Integration with at least 3 (three) licensed Telecom Service Providers	Please confirm bidder need not to install dedicated LBAS in three TSP premises to meet the capability to send location based messages for GSDMA. We understand that CAP compliant TSP will not be required to install LBAS equipment in their premises. Please clarify.	Refer Query No. 26
50	Section VII, PC 30, Page No. 477	PC 30. Limitation of Liability - Omitted	We understand, Clause 30. Limitation of Liability in Section VII. General Conditions (GC) prevails. Please confirm.	Refer Query No. 46

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
51	Appendix to Financial Part Schedule No 2 Page No. 148	<p>36) Communication Control system which controls Alert Siren functionality - 27 Nos</p> <p>37) Advanced Communication Board-Interface board that allows the CCU to communicate over VSAT and via GSM - Two are required for each CCU, one for the VSAT and the second for the GSM modem. - 54 Nos</p>	<p>Communication Control system has been asked 27 Nos. in Sl. No. 36. However, further in Sl. No. 37, Advance communication Board of 54 Nos. has been asked which is 2 Nos. of communication board per Communication Control system. we interpret that one CCU at DEOC is also required. Please clarify total Nos. of CCU are 27 or 28.</p>	<p>Communication Control System is required at 1 SEOC, 1 BackUp DEOC and 26 TEOC.</p>
52	Appendix to Financial Part Schedule No 2Page No. 162	<p>3 Other Office work under O&MSEOC: Diesel Charges for DG set (3 liter per hour)say 2 hrs Power cut per day = 3 liter x 2 hrs x 30days = 180 Liters per month for Year 1</p>	<p>As you are already aware that fuel prices have become dynamic in nature on real time basis, with its prices getting changed / corrected on daily (including the applicability of the Taxes and Duties) by the Govt. hence in view of the same quoting the fixed unit rate of diesel becomes unpragmatic for such a long duration of Contract Period (2 yrs O&M and 3 yrs AMC). Accordingly, we request you to kindly consider the fuel in your scope. Else the Contractor shall be paid as per actual consumption of Diesel (both quantity and diesel unit price). Please confirm.</p>	<p>Refer to Modified Price Bid</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
53	Appendix to Financial Part Schedule No 2 Page No. 164	All EOCs: Paper, Ink cartridges, Lamps and Tube lights etc. Electricity charges, painting of towers and poles etc. as per requirement and any other supplies for operating EOCs for the project for Year 1	<p>We understand that getting electrical connection from Electricity Boards for the appropriate electrical load at all the Locations shall be in the Scope of Employer.</p> <p>Accordingly, we request that Electricity charges shall be directly paid by Employer to Electricity Board. Else the same to be reimbursed to Contractor on actuals.</p>	As the power consumption depends upon the design and ultimately installed equipment by the bidder. Installation and maintenance including power is in the scope of bidder.
54	Appendix to Financial Part Schedule No 2 Page No.148	38. GSM Modem with Dual-SIM Card :- SEOC - 2 nos ; TEOC - 26 nos	Please confirm if we need to consider the same telecom service provider for both the sims or two different service providers for two sims in a dual sim GSM modem.	Duel Sim cards should be of different service providers.
55	Section VI, Cl. No. 17.12, Page 226	Contractor to lay optical fiber/LAN cable with protection connecting from existing GSWAN port at District HQ to DEOC and with existing GSWAN port at Taluka HQ to TEOC within the same premises / building	<p>Please clarify the following:</p> <ol style="list-style-type: none"> 1) Bidder can install Fiber cable underground or overground meeting minimum standard. 2) Right of Way(ROW) for Fiber laying will be provided by Customer. 3) Space Provision for installation of Patch panel GSWAN PoP in any of existing rack will be made available by customer. 4) In case of delay in link installation for no reason attributable to Bidder, Bidder will be given extension suitably. 5) Please specify total length of fiber to be laid. 6) Please specify the line item to quote the same. 	<ol style="list-style-type: none"> 1. Bidder has to design based on site requirement and location. 2.Refer query no.61. point 1 3.No space will be provided in existing Rack 4.Any delay not attributable to Bidder will be analyzed and approved by GSDMA. Decision of GSDMA will be final in the matter. 5. Site wise requirements may differ 6. Item no. 26 schedule 2

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
56	Section VI, Cl. No. ii. Indicative Layout of SEOC Page no. 261	A space of Approx. 280 Sq. mtr. will be available for setup of SEOC. The proposed layout for systems is as follows:	The dimensions of the given in the drawing are 225000mm by 135000mm which contradicts the statement that area should be 280 sq.mtr.	The space is Approximately 280 sq.mtr. i.e. 22150 x 13550 .
57	Section VI, Cl. No.17.4 24 Port L2 Switch,Page no. 221 andSection VI, Cl. No. 17.5, 12 Port L2 Switch, Page no. 222	17.4 24 Port L2 Switch"The switch should have external/ internal RPS- Deleted"17.5 12 Port L2 Switch"RPS - The switch should have external/ internal RPS. In case it is not feasible to provide such a switch, the bidder shall provide two switches to ensure redundancy."	Please confirm RPS has been deleted for 24 port L2 switch.Please understand RPS has been insisted in 12 port switch which are installed at TEOC. Therefore, 24 port switches to be installed at DEOC shall have RPS as well.	The clause is modified as - 17.4 24 Port L2 Switch"The switch should have external/ internal RPS"17.5 12 Port L2 Switch"RPS - The switch should have external/ internal RPS. In case it is not feasible to provide such a switch, the bidder shall provide two switches to ensure redundancy."
58	Section VI, Cl. No.17.4, 24 Port L2 Switch, Page no. 220	Forwarding Rate- Should support Forwarding rate up to 6 Mbps	The forwarding rate should be 6 Mpps. Please clarify	The clause is modified as - Forwarding Rate- Should support Forwarding rate up to 6 Mpps
59	Section VI, Cl. No. 17.5, 12 Port L2 Switch Page no. 222	Forwarding Bandwidth-2.4 Gbps maximum forwarding bandwidth or higher	The forwarding bandwidth given is in Gbps which is way too high. It should be 2.4 Mpps. Please clarify	Clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
60	Section VI, Cl. No. 14.2 Remote Terminal Unit with Ip65 Steel Cabinet Serial no. 9, Page no. 211	14.2 Remote Terminal Unit with Ip65 Steel Cabinet Solar panel-The Solar Panel shall be rated for 12V and 150-Watt output and should be roof mountable on selected Building for mounting of warning message amplifier / horn system. It shall be responsibility of the bidder to replace the solar panel system at free of cost in case of damage due to natural forces during warranty and AMC period. The Solar Panel should be IEC 61215 Ed. 2 and IEC 61730 Safety Class II UL 1703 & 4703 compliant""	Please answer the following queries: 1) As per this clause, Govt. buildings will be provided to mount solar on rooftop of the building. In no circumstances, Solar Panel will mounted on pole and tower or ground based. Please confirm. 3)In case of mischief or deliberate damage of equipment, cost of replacement will be borne to GSDMA. Bidders will only be responsible to replace the equipment only in case natural forces during warranty and AMC period.	1. There are four types of site configurations - i- MPCS Building with Pole Mount ii- MPCS Land with Tower iii- Non MPCS Building with Pole Mount Iv- Non MPCS land with Tower At some Sites with Tower - VSAT is to be installed on a nearby Govt. Building in the same premises and some other VSAT is to be installed on an elevated platform. Number is provided in the price bid. 2. Refer Clause 33 and 34 on page 417 and 418

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
61	Section VI, Cl. No.14.2,Page no. 210	<p>RTU should include high powered audio amplifier compatible to workwith the Speaker Horn Array. All the electronic unit i. e. RTU,Communication Interface Card, VSAT modem, Solar powercontroller and Loudspeaker Audio Power Amplifier with back-upbattery should be housed in a IP 65 /NEMA 4X Outdoor Cabinet withlock & key arrangement. This cabinet can be kept safely inside nearestgovernment or public building such as the Cyclone Shelter Buildingor should be mounted sufficiently high from the ground level on 15-meter tower planned at sea beach etc. so that they are out of reach ofmischief makers. The horn design should meet the weather conditionsand work properly at the time of disaster.</p>	<p>Please answer the following queries:1) Access to all of proposed site will be provided by GSDMA. with all ROW and RI charges in the scope of GSDMA. Please confirm.2) Bidder will be provided space in Taluka, District and State headquarter to store spares for prompt support.3) Satellite modem is also IP 65 compliant. Please confirm modem can be placed outside IP 65 cabinet as well.</p>	<p>1. All permissions are to be obtained by the bidder. Employer will extend all possible help to the bidder for this purpose. However the bidder has ultimate responsibility to obtain such permissions.2. No. Warehouse and security of items is the responsibility of the bidder.3. RFP mentions the minimum requirement and bidder is expected to design and provide appropriate equipment in accordance with the objectives of the project.</p>
62	<p>9. Communications systems and data network resources Clause 9.2 Satellite based handheld phones Page no. 187</p>	<p>9.2Satellite based handheld phones Inmarsat satellite based handheld phones (Isat-2) are made available in India by Bharat Sanchar Nigam Limited (BSNL) and the company also offers voice and data services for satellite phone users. The license for use of these phones will be in the name of GSDMA. However, the contractor will take all necessary action to get the license from Department of Telecommunications. The contractor will also procure, and</p>	<p>Bidder will handle procurement and maintenance of Satellite phone. Monthly usage charge will be borne to GSDMA and will be paid direcly to BSNL. Please confirm.</p> <p>Also, Bidder can't estimate talktime for satellite phone usage by EOC team. Therefore, it must be excluded.</p>	<p>Refer Item no. 1 schedule 2 price bid which includes ISAT-2 phones terminal with Fees (WPC License/renewal, Royalty). For Operations - Standard Postpaid Annual plan from service provider for Government usage should be taken into account.</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		supply required number of handsets for use of state government staff.		
63	Section VI, Cl. No. 19. Miscellaneous Items Clause 19.1 Self-Supporting Towers - Design, Fabrication and Erection of 15.0 Meter Angular Tower Serial no. 2 Design, Page no. 235	19.1 Self-Supporting Towers - Design, Fabrication and Erection of 15.0 Meter Angular Tower Design -The bidder shall work out detailed design of the civil foundation for 15- meter Self- Supporting Tower using triangular steel sections or 15 M Spun Concrete Monopole type tower from all aspects, keeping in view the effects of local metrological conditions like wind velocity up to 200 Km / hour, seismicity, temperature etc. to ensure the safety of the pole. The civil foundation design should be approved by Civil engineering wing (department) of any of the IIT (Indian Institute of Technology). Bidder shall submit the detailed specifications along with the approved certificate by IIT.	Please confirm that for 15 meter Self-supporting tower, the bidder can propose Monopole or triangular steel sections or Spun Concrete Monopole. Also, based on site condition e.g. in case, issue in access to site, Bidder can plan for in situ spun concrete monopole while triangular steel sections can be placed elsewhere.	Bidders should work out the detailed design based on the requirement mentioned in the RFB document.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
64	Section VI, Cl. No.16.2 Other ICT Devices MonitoringPage no. 216	16.2 Other ICT Devices MonitoringSystem Integrator should provide a Network Monitoring System at SEOC for monitoring all the housed ICT equipment including routers, switches and should also monitor the internet links. The system should provide all the reports necessary to calculate uptime of the whole system and each device individually. Associated Hardware including server and storage is to be provided and configured accordingly.	We understand that bidder is free to choose type of server(rack server or blade server) and storage based on his solution as there is no specification available in the RFP.	Refer page clause 17 page 219
65	Section VI, Cl. No.33.3,Page no. 318	33.3 Attachment 3 i. Tentative List of SEOC , DEOC,TEOC and BEACHES	As per our understanding all of sites, where the RTU cabinet including solar, VSAT etc. needs to be installed will have the provision to install solar panel on rooftop and RTU cabinet inside in building. Please confirm. In case, if such building is not available where cabinet needs to be placed on the pole and solar needs to be placed on RCC foundation along with VSAT. Please specify number of such sites for estimation purposes to bidder.	For exact number of sites for RCC foundation for VSAT is provided in schedule 2 - Item no. 59.
66	Section VI, Cl. No. 18.4,Page No.233	Battery backup for UPS: The Batteries should be of SMF VRLA type designed for 4 hrs. backup. Battery must be installed in two strings for the above specified power back for the equipment at 100% load.	Battery backup provided by each string will be for 50% load and 2 strings together will give back up for 100% load. Please confirm ou understanding is correct.	Bidders understanding in this respect is correct.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
67	IFB, Cls. No. 14.2(6 &7), Page No. 211	<p>Horn speakers 4 units or more per location are to be mounted on towers as specified earlier in this document. Mounting Fixtures are to be provided by the contractor. The audio output power should be at least 300 watts RMS continuous per amplifier (or 600 Watts peak per Siren) or more</p> <p>The minimum coverage of warning broadcast should be 1.5 Km radius i.e. 3.0 km diameter and transmission should be Omni directional. The system audio output must be sufficiently high quality to be clearly audible at not less than 1.5 Kilometers (radius) from location of alert system. Expected audio level at 1.5 Kilometer from the amplifier locations should be at least 70 dB i.e. minimum 5 dB above ambient noise of 65 db.</p>	<p>In case, Horn speakers 4 Speaker array with 300 W RMS doesn't meet the requirement of 70 dB audio level at 1.5 km Kilometers (radius) from location of alert system, solution of 4 speaker will be acceptable to customer. Please confirm.</p> <p>If not, bidder will have to increase Speaker wattage to meet this requirement, those bids not meeting 70 dB audio level requirement at 1.5 km Kilometers (radius) from location of alert system will be rejected.</p>	<p>The specified minimum power output in the RFP is equivalent to 105.0 dB at 30 meters, which will meet required audio level of 70.0 dB at 1.5 Kilometer radial distance, with normal sensitivity of horn speakers. However, Bidder may offer higher power to ensure 70.0Db audio power at 1.5 km</p>
68	IFB, Cls. No. 14.2(8), Page No. 211	<p>The speaker horn arrays should have minimum 4 horns at 90 degrees to each other (the angle will be different in case more horns) to achieve 360 degrees (Omni directional) coverage are to be mounted on 15.0 meters self-supporting towers assembled from triangular structures or spun concrete towers should be used in at all other locations including tourist beaches.</p>	<p>Horn Speaker array depends on manufutuer's design. In case of different horn array meeting minimum requirement will be acceptable.</p>	<p>Refer Query No. 38</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
69	<p>Section VI,C1, No. 21.3 Operational Acceptance Tests 3 VSAT network(f) Page No. 251</p> <p>Section VI,C1, No. 13.2 VSAT Network Page No. 205, Serial no. 2</p>	<p>Maximum end to end delay for transmission - 700 Milliseconds</p> <p>Data capabilities and transmission delay</p> <p>VSAT at SEOC will operate with Single Channel Per Carrier (SCPC) access technology and will operate at 1.0 Mbps data rate. SEOC will also be connected with 2.0 Mbps data rate terrestrial link up to hub of the VSAT network operator and will act as primary link. SCPC carrier will provide back-up in case of failure of terrestrial link. Such an arrangement will provide high quality network linkage and minimise satellite link delay to around 400 Milli Seconds which will be half of normal delay in case of two hop linkage (VSAT to satellite to Hub as one hop and Hub to satellite to VSAT as another hop) causing the signal delay of the order of 700 Milli Seconds.</p>	<p>End to end Transmission delay means from "SEOC to VSAT terminal location" or "VSAT OEM Hub to VSAT terminal location". Please clarify.</p>	<p>the clause clearly mentions - VSAT to satellite to Hub as one hop and Hub to satellite to VSAT as another hop</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
70	Section VI, 9.4.1 Group Messaging, Page No. 190	The Group messaging system shall be a Web based solution and shall be provided as onetime supply of redundant hardware and software with perpetual operating license. All components of the package shall be accessible through standard Web browser without any need of extra Client software. The web-based application Software shall be hosted centrally on a redundant server system at SEOC (with option for installation of redundant system at another secure location). The system software should also be stored on a cloud and it shall be possible to accessed through a secured Web Interface from SEOC or any other location for sending Group based alerts messages.	Please provide the details of your existing cloud.	Requirement is for back-up storage on cloud. Bidder has to choose according to his configuration following the relevant GOI guidelines.
71	Section II – Bid Data Sheet (BDS), ITB 11.2 (j), Preparation of Bids, Page 48	Subcontractor agreement or a letter of intent between the parties to enter into a subcontractor agreement for major items of services under the contract that the Bidder did not otherwise provide.	The submission of subcontractor agreement or Letter of Intent at the time of Bidding becomes unpragmatic and is almost impossible. Accordingly kindly delete this requirement. During execution / implementation, the vendor / subcontractor ordering confirmation will be shared in various progress reports and as and when required by Employer.Please confirm.	Clause remain unchanged.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
72	Section III Evaluation and Qualification Criteria, 1. Evaluation of Technical Part, 1.4. Functional Guarantees of the facilities – Technical aspects, Page no. 59	Parameter - Implementation period Comissioning of facilities after acceptance testing within Maximum 270 days from the date of signing of contract and handing over possession of location free of any incumbencies	As you are already aware that almost all the projects have an Extension of Time period for various reasons, hence having this parameter as apart of the evaluation may please be removed.	Clause remain unchanged
73	Section III Evaluation and Qualification Criteria, 2. Qualification, 2.5. Personnel Page no. 74	The Bidder must demonstrate that it will have the personnel for the key positions that meet the following requirements: Implementation Phase	We understand that the Key Personnels will be available during implementation period on as per requirement basis.	Bidder has to submit detailed implementation plan in the proposal including resource deployment timelines.
74	Section III Evaluation and Qualification Criteria, 2. Qualification, 2.5. Personnel Page no. 76	Note – 1. Warning control staff at SEOC will work in 3 shifts for 24X7 operations. Other staff at SEOC will work during day time but will be available round the clock during disaster situations 2. Staff at TEOC and DEOC will work during day shift during normal time and round the clock during disaster period. Additional staff should be made available during emergency conditions (normally not lasting more than one week)	Please confirm that this Note Clause is not applicable for implementation period.	This note is applicable after the project SEOC /DEOC/TEOC is fully/partially operational.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
75	Section IV. Bidding Forms , Appendix to Technical Part -2- Method Statement, Page 88	iv. The Bidder shall not propose multiple products/ makes/models for single line item/ items in the Bid document submission.	Inline with Appendix to Technical Part - 13 Proposed Subcontractors for Major Items, where more than one Sub-Contractors are permitted, accordingly, the multiple products / make / models for single item is requested to be allowed.	Bidder should not submit conditional Bid where exact make/mode cannot be identified. Items should be provided with supporting OEM-datasheets.
76	Section IV. Bidding Forms , Appendix to Technical Part -2- Method Statement, Page 87	The bidder shall provide the un-priced BoQ with Make and Model/product code which shall include every System / Subsystem / Electronic, Electrical, IT and Office equipment.	Please confirm that the details shall be provided for major items only.	Bidder should provide Details against each item in BOQ.
77	Section IV. Bidding Forms , Appendix to Financial Part Schedule No 2 Schedule No. 2. Infrastructure and Mandatory Spare Parts if any , Page 153	NOTE: The equipment & quantities mentioned in the table are indicative and meant for bid evaluation purposes only. The System Integrator is required to provide complete solution with all necessary materials & accessories to meet the functional requirements. Price bid equipment & quantities are based on the employer's estimation, these quantities are the basis of financial evaluation and finalizing the contract amount, however at the time of implementation of contract if any variation is required, variation may be approved by GSDMA.	Please confirm that the variation in the quantities in the Price Schedules will be routed through Change Order and the Invoices will be submitted on actuals quantities and paid accordingly.	as per the Clause , if any variation is required , it will have to be approved by GSDMA.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
78	Section VI. Employer's Requirements, 23. EOC Configuration, 23.1 State Emergency Operation Centre (SEOC) , Page 261	<p>iii. General Works to be carried out at SEOC are as follows:</p> <p>§ Civil Infrastructure Work o Flooring, False Ceiling, Lighting work 262</p> <p>o Wall Paper / Painting work o Partition & architectural work as per approved drawing o Foundation for DG Sets if required etc. o Any other civil work if required.</p> <p>§ ICT Infrastructure Work o Structural LAN Cabling o Server Racks Installation o Systems, Equipment Installation & Commissioning o LED TV Mounting etc. § Electrical Infrastructure Work o DG Sets, UPS Installation & Commissioning o Battery Placing & Installation o Power Distribution Panels Mounting o Structural Power Cabling for Systems & Equipment o Air Conditioner Installation § Other Miscellaneous Work o Furnitures & Storage as per requirement o Earthing work etc.</p>	Considering the stringent project completion timelines of 9 months please confirm that there will be no approval of specifications / make and model, vendor/subcontractor etc from Employer are required in this scope.	Bidder need to provide all the details asked in the RFB document. Any change of make and model , vendor /subcontractor from the proposal at the time of implementation is not allowed in normal circumstances.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
79	Section VI. Employer's Requirements, 23. EOC Configuration, 23.2 District Emergency Operation Centre (DEOC) , Page 264	<p>iii. General Works to be carried out at DEOC are as follows</p> <p>§ Civil Infrastructure Work o Flooring, False Ceiling, Lighting work o Wall Paper / Painting work o Partition & architectural work as per approved drawing o Foundation for DG Sets if required etc. o Any other civil work if required. § ICT Infrastructure Work o Structural LAN Cabling o Server Racks Installation o Systems, Equipment Installation & Commissioning o LED TV Mounting etc. § Electrical Infrastructure Work o DG Sets, UPS Installation & Commissioning o Battery Placing & Installation o Power Distribution Panels Mounting o Structural Power Cabling for Systems & Equipment o Air Conditioner Installation § Other Miscellaneous Work o Furnitures & Storage as per requirement o Earthing work etc.</p>	Considering the stringent project completion timelines of 9 months please confirm that there will be no approval of specifications / make and model, vendor/subcontractor etc from Employer are required in this scope.	Bidder need to provide all the details asked in the RFB document. Any change of make and model , vendor /subcontractor from the proposal at the time of implementation is not allowed in normal circumstances. Refer query No. 77

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
80	Section VI. Employer's Requirements, 23. EOC Configuration, 23.3 Taluk Emergency Operation Centre (TEOC) , Page 266	iii. General Works to be carried out at TEOC are as follows§ Civil Infrastructure Work 267 o Flooring, False Ceiling, Lighting work o Wall Paper / Painting work o Partition & architectural work as per approved drawing o Foundation for DG Sets if required etc. o Any other civil work if required. § ICT Infrastructure Work o Structural LAN Cabling o Server Racks Installation o ICT Systems, Equipment Installation & Commissioning o LED TV Mounting etc. § Electrical Infrastructure Work o DG Sets, UPS Installation & Commissioning o Battery Placing & Installation o Power Distribution Panels Mounting o Structural Power Cabling for Systems & Equipment o Air Conditioner Installation § Other Miscellaneous Work o Furnitures & Storage as per requirement o Earthing work etc	Considering the stringent project completion timelines of 9 months please confirm that there will be no approval of specifications / make and model, vendor/subcontractor etc from Employer are required in this scope.	Bidder need to provide all the details asked in the RFB document. Any change of make and model , vendor /subcontractor from the proposal at the time of implementation is not allowed in normal circumstances. Refer query No.77

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
81	Section VI. Employer's Requirements, 23. EOC Configuration, 23.4 Vulnerable village location , Page 266	<p>ii. General Works to be carried out at vulnerable village location are as follows:</p> <ul style="list-style-type: none"> § Civil Infrastructure Work <ul style="list-style-type: none"> o Civil/Foundation work for Tower/Pole erection including SBC. o Any other civil work if required. § ICT Infrastructure Work <ul style="list-style-type: none"> o Installation & Commissioning VSAT & RTU o Integration of RTU with VSAT Network. o Structural IFL & LAN Cabling. § Electrical Infrastructure Work <ul style="list-style-type: none"> o Installation of Power Distribution Board near RTU. o Solar Panel I&C o Structural Power Cabling. § Other Miscellaneous Work <ul style="list-style-type: none"> o Security fencing around towers, poles and Monkey cage for VSAT. o Earthing work etc. 	Considering the stringent project completion timelines of 9 months please confirm that there will be no approval of specifications / make and model, vendor/subcontractor etc from Employer are required in this scope.	Bidder need to provide all the details asked in the RFB document. Any change of make and model , vendor /subcontractor from the proposal at the time of implementation is not allowed in normal circumstances. Refer query No.77
82	Section VI. Employer's Requirements, 25. System Inventory Table (Supply and Installation Cost Items) , Page 270	ICT and EWDS System Inventory Table (This is indicative Bidder to prepare)	Please confirm that any variation in the quantity will be routed through Change order and the invoice will be done on actuals quantites and the payments shall be made by Employer accordingly.	refer query no.70
83	Section VI. Employer's Requirements, 26. System Inventory Table (Recurrent Cost Items) , Page 275	<p>System Inventory Table (Recurrent Cost Items) from Year- 1 to Year- 5. (Year – 1 and Year -2 are for O&M period and year 3-5 are for AMC).</p> <p>#Note : Invoicing on actuals only</p>	Please confirm that any variation in the quantity will be routed through Change order and the invoice will be done on actuals quantites and the payments shall be made by Employer accordingly.	refer query no.70

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
84	Section VI. Employer's Requirements, 27.2 ESMP /ESHS Plan for construction/ erection of Siren Towers and upgradation of EOC , Page 278	<p>Regulatory Permissions and Consents</p> <p>The System Integrator shall obtain all requisite statutory clearances prior to commencement of civil and or electrical works, which includes obtaining permissions/consents for setting-up construction camp; plants and equipment; borrow areas if necessary. The System Integrator shall abide by all conditions laid out in the said clearances. This includes: Aviation Authority for erection of Lightning Mast which comes in the vicinity of flying zone. (Where necessary) Consents for establishment and operation of plants (electrical power generator sets) from State Pollution Control Board (If necessary) PUC certification for all vehicles/equipment used for transportation (of personnel and materials) and construction. Permission/consent of the District Administration/Mining Department/other agencies for quarrying and/or borrowing operations for materials like sand and earth</p>	We understand that the same shall be in Customer's Scope. Please confirm	Refer query no 61 point 1

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
85	Section VI. Employer's Requirements, 27.2 ESMP /ESHS Plan for construction/ erection of Siren Towers and upgradation of EOC , Page 278	<p>Consultation and Community Consent</p> <p>The System Integrator shall consult and obtain written consents of landowners (individual/panchayat/govt. agency) for temporary use of land for all construction related activities including: Erection of towers Setting-up and operation of construction and labour camps; Borrow areas and Disposal of debris and other waste material.</p>	We understand that the same shall be in Customer's Scope. Please confirm	Refer query no. 61 Point 1
86	Section VI. Employer's Requirements, 27.2 ESMP /ESHS Plan for construction/ erection of Siren Towers and upgradation of EOC , Page 278	<p>Construction/ Labour CampLocation: The location of camp and plant site/s shall be as per the environmental siting criteria given in the ESMF. Consent of the land owner/local authorities shall be required and needs to be submitted to the Employer for approval. Construction camp sites (including plant sites, and material stock yards) shall be located (preferably in the downwind direction) at least 500 mts. from the nearest settlement and at least 1000 mts. away from designated/protected natural habitats (such as National Parks, Sanctuaries, Biosphere Reserves, Reserve Forests and Ramsar Sites). Accommodation and Basic Amenities: All weather shelter with the required tenement size and</p>	Providing adequate area / land and other facilities for Construction and Labor Camp shall be in Customer's scope. Please confirm.	Not in employers scope. Refer query no. 61 point 1

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		<p>toilets shall be provided, as per provisions of Labour Laws. Separate toilet facilities shall be provided for women workers. If a common mess is not provided/operated, additional space for cooking shall be provided. The System Integrator shall ensure that hygienic conditions are maintained during the operation of such camps/facilities. Fuel for Cooking: The System Integrator shall ensure that fuel wood is not used as a cooking medium in the construction/labour camp. Potable water supply: Drinking water supply of at least 40 LPCD with the required supply points shall be provided. Fire Safety: Adequate fire safety precautions shall be taken and the required fire safety equipment (such as fire extinguishers) shall be provided by the System Integrator.</p>		
87	<p>Section VI. Employer's Requirements, 27.2 ESMP /ESHS Plan for construction/ erection of Siren Towers and upgradation of EOC , Page 278</p>	<p>Site Clearance</p> <p>All required precautions/measures to prevent damage to tower side vegetation outside the formation cutting and filling areas shall be taken. No tree cutting is to carried out without the written instruction from the Employer, who in turn will ensure that relevant regulatory permission/s</p> <p>The non-timber grade trees are to be stacked and possession is to be given</p>	<p>The scope of cutting / removal of the trees, vegetation, flora of any kind shall be to Customer's scope owing to govt. advisories, guidelines and permissions. The contractor is required to be provided with clean site without any hindrances / encumbrance (both underground and above ground) including clean access to sites.</p>	<p>Refer query no. 61 Point 1</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		to Employer/concerned Govt. Department. The System Integrator shall strip, store, preserve and reinstate top soil in work fronts.		
88	Section VII. General Conditions (GC), 9. Contractor's Responsibilities, Page 372	54.6 The Contractor shall permit the Bank to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Bank, if so required by the Bank.	The performance of the Contractor with reference to the execution of the project is required to be checked for which there will be progress review meetings and discussions on regular time intervals. In view of the same, this requirement of Bank to inspect / audit the Bidder's account and records is unwarranted and unpragmatic. Kindly delete this clause and other such clauses elsewhere mentioned in the Tender.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
89	Section VII. General Conditions (GC), 9. Contractor's Responsibilities, Page 372	54.8 The Contractor shall permit, and shall cause its Subcontractors and subconsultants to permit, the Bank and/or persons appointed by the Bank to inspect the Site and all accounts and records relating to the performance of the Contract and the submission of the Bid, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank. The Contractor's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 6.1 [Fraud and Corruption] which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights provided for under Sub-Clause 9.8 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures).	<p>The performance of the Contractor / sub-contractor with reference to the execution of the project is required to be checked for which there will be progress review meetings and discussions on regular time intervals. In view of the same, this requirement of Bank to inspect / audit the Bidder's / its sub-contractors account and records is unwarranted and unpragmatic.</p> <p>Kindly delete this clause and other such clauses elsewhere mentioned in the Tender.</p>	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
90	Section VIII. Particular Conditions, PC 7. Scope of Facilities [Spare Parts] (GC Clause 7), Page 467	<p>PC 7.3 The Contractor agrees to supply spare parts (Schedule 2 and Section VII) for a period of years: 10 years. (Ten Years) In addition to the supply of Mandatory Spare Parts included in the Contract, the Contractor agrees to supply spare parts required for the operation and maintenance of the Facilities for the period specified in the PC and the provisions, if any, specified in the PC. However, the identity, specifications and quantities of such spare parts and the terms and conditions relating to the supply thereof are to be agreed between the Employer and the Contractor, and the price of such spare parts shall be that given in Price Schedule No. 6, which shall be added to the Contract Price. The price of such spare parts shall include the purchase price therefor and other costs and expenses (including the Contractor's fees) relating to the supply of spare parts. The Contractor shall stock sufficient inventories/spare parts to ensure an ex-stock supply of consumable spares for the Infrastructure. The contractor shall stock sufficient number of critical spares to achieve the desired SLA. The bidder shall replace spare equipment for the systems that has been damaged, found in non-operable</p>	<p>The requirement to supply the spares for 10 years is not feasible based on the unforeseen situations and non availability of Contract for that period. Hence this clause and similar other clauses else where mentioned in the tender / RFP are required to be deleted / removed.</p>	<p>Clause remains unchanged</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		<p>or substituted for defective equipment with new equipment configured, tested and labelled within 1 week (One Week) of being identified or substituted. In addition, in the event of termination of the production of spare parts, advance notification will be made to the Employer of the pending termination, with sufficient time to permit the Employer to procure the needed requirement. Following such termination, the Contractor will furnish to the extent possible and at no cost to the Employer the blueprints, drawings and specifications of the spare parts, if requested.</p>		
91	Section - II - PC 28 Functional Guarantees Page 477	<p>If the Contractor eventually fails to meet the minimum level of Functional Guarantees, the Employer may consider termination of the Contract, pursuant to GC Sub-Clause 42.2.2. and recover the payments already made to the Contractor PC 28.3 (a) make such changes, modifications and/</p>	<p>We request you to kindly relax this clause as its very stringent :- If the Contractor eventually fails to meet the minimum level of Functional Guarantees, the Employer may consider termination of the Contract, pursuant to GC Sub-Clause 42.2.2. and shall forfeit the PBG and shall not release any further payment. recover the payments already made to the Contractor PC 28.3 (a) make such changes, modifications and/</p>	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
92	28.2 ESMP /ESHS Plan for construction/ erection of Siren Towers and upgradation of EOC: Page 279	3 Consultation and Community Consent The System Integrator shall consult and obtain written consents of landowners (individual/panchayat/govt. agency) for temporary use of land for all construction related activities including: Erection of towers Setting-up and operation of construction and labour camps; Borrow areas and Disposal of debris and other waste material	We request you to modify the clause as: The Employer shall provide No objection Certificate from landowners (individual/panchayat/village/govt. agency) for temporary use of land for all construction related activities	Refer query no. 61 Point 1
93	17.Bid Prices and DiscountsPage 25	Operations and Maintenance services (Schedule 5) shall include charges for providing qualified and experienced staff for efficient operations and maintenance of infrastructure, provision of operations and maintenance manuals, training, etc., where identified in the Bidding Document, as necessary for the proper execution of the installation and otherservices, including all taxes, duties, levies and charges payable in the Employer's country as of twenty-eight (28) days prior to the deadline for submission of bids. These charges should also include cost of consumables (fuel, electricity, stationary etc.) during 24 months of responsibility.The charges should also include maintenance staff, spares	Since Electricity tariff is a transaction between two government authority .Also for Govt. It will cost less . Bidder's estimation will lead to increases in cost We request you to kindly request you to consider:-1. Electricity Connection charges shall be borne by bidder and over and above contract Price it will be reimbursed based on proof.2. Electricity Recurring Charges in Installations & O&M ,AMC Shall be in customers scope .Customer shall directly pay EB Charges.	No Change

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		<p>necessary, transportation and other incidental expenses to ensure availability (Up-time) requirements specified in the bid document.</p>		
94	17. Bid Prices and Discounts Page 25	<p>Operations and Maintenance services (Schedule 5) shall include charges for providing qualified and experienced staff for efficient operations and maintenance of infrastructure, provision of operations and maintenance manuals, training, etc., where identified in the Bidding Document, as necessary for the proper execution of the installation and other services, including all taxes, duties, levies and charges payable in the Employer's country as of twenty-eight (28) days prior to the deadline for submission of bids. These charges should also include cost of consumables (fuel, electricity, stationary etc.) during 24 months of responsibility.</p> <p>The charges should also include maintenance staff, spares necessary, transportation and other incidental expenses to ensure availability (Up-time) requirements specified in the bid document.</p>	<p>Considering Current Scenario, Escalation in Fuel Prices out of Bidder's control and If Bidder need to factor in their scope. It will unnecessarily increase the overall Bidder's cost. Please confirm Customer shall take care of Fuel charges in O&M and AMC Period.</p>	<p>For Fuel Charges refer to Revised Price Bid.</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
95	Appendix 4. Time Schedule Page 497	<ul style="list-style-type: none"> • Nine (9) months for project implementation (installation, commissioning and testing) • Two (2) years O&M and warranty after project implementation • Three (3) years AMC The bidders are required to submit his own proposed implementation schedule, however the total implementation time must not exceed 9 months from start date.	We request you to amend the clause as mentioned below <ul style="list-style-type: none"> • Fifteen (15) months for project implementation (installation, commissioning and testing) • Two (2) years O&M and warranty after project implementation • Three (3) years AMC The bidders are required to submit his own proposed implementation schedule, however the total implementation time must not exceed 9 months from start date.	Clause remains unchanged
96	Section IV Average Annual Turnover Form FIN – 3.2 Page 119	Annual turnover data (construction only)**	Kindly amend the clause as mentioned below: “Annual turnover data”	Refer the note provided in the end of the same page defining the term.
97	Section IV Letter of Bid – Technical Part Page 83	(m) Adjudicator: We accept the appointment of [insert name proposed in Bid Data Sheet] as the Adjudicator. [or] We do not accept the appointment of [insert name proposed in Bid Data Sheet] as the Adjudicator, and propose instead that [insert name] be appointed ⁶ as Adjudicator, whose daily fees and biographical data are attached.	We request you to kindly delete this clause.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
98	Section IV Appendix to Technical Part - 31 Form of Bid Security (Bank Guarantee) Page 132	This Guarantee will remain in force up to and including the date _____ days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.	Kindly amend the clause as mentioned below: This Guarantee will remain in force up to and including the _____ days after the deadline for submission of Bids i.e. upto _____ (date) as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.	Clause remains unchanged
99	Section VI Clause 28.210. Water Extraction/ Use Page 275	Water for construction and for use at construction camps (including labour camps) is to be extracted with prior written permission of § The individual owner, in case the source is private well/tube well; § Gram Panchayat in case the source belongs to community; and § Irrigation Department in case the source is an river canal etc.	Since being a Private Entity it will be extremely tough and time taking for us in obtaining these necessary permissions . Hence we request you to modify the clause as: Water for construction and for use at construction camps (including labour camps) is to be extracted with prior written permission of · The individual owner, in case the source is private well/tube well; · Gram Panchayat in case the source belongs to community; and · Irrigation Department in case the source is an river canal etc. All necessary approvals will be provided by the Employer.	All permissions are to be obtained by the bidder. Employer will extend all possible help to the bidder for this purpose. However the bidder has ultimate responsibility to obtain such permissions.
100	General	Taxes	We understand that any Statutory variation in the taxes shall be in the account of purchaser. In case of increase in taxation, purchaser shall pay the tax as applicable. Kindly confirm.	Refer PC 14.4 page 470 of the RFB document.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
101	General	RI (Re- Instatement)	We understand that RI (Re-Instatement) charges shall be in the scope of purchaser. Kindly confirm.	Refer Query 61 point 1.
102	General	Warehouse	We understand that warehouse required for storage for the materials shall be arranged by the customer. Kindly confirm.	Refer Query 61 point 2.
103	General	BOCW Tax	We understand BOCW tax has to be included in Bid price. Please confirm.	Please refer price bid for column ' Other Applicable Taxes and Duties '
104	General	Stamp Duty	We request you to kindly clarify as to who shall be bearing the Stamp duty value.	RFB document does not mention Stamp duty requirement.
105	9.3 Bandwidth on GSWAN & Internet Page 187	The bidder needs to procure the bandwidth with Internet Service Provider. GSDMA will sign the contract with ISP for the bandwidth.	We request you to provide Tripartite Agreement format for Bandwidth.	The agreement format is to be obtained from Internet Service Provider. Final terms of agreement will be decided with mutual consent between service provider and GSDMA.
106	9.3 Bandwidth on GSWAN & Internet Page 187	Scope of Work in respect of Internet bandwidth links: e. The bidder shall provide the complete details about the last mile connectivity being offered for the identified above locations. f. The bidder shall propose fully resilient and self-healing network architecture for all the above-mentioned links including last mile connectivity.	We request you to consider Last mile connectivity in the employer's scope. Kindly confirm.	Clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
107	Section IV Appendix to Financial Part Page 137	Schedule 5 - 2. Bandwidth	As per Tripartite Agreement rule bidders are not supposed to sell bandwidth hence we understand that bidder, purchaser and ISP shall form a Tripartite agreement and purchaser shall be paying the bandwidth charges directly to the ISP. Kindly confirm our understanding.	Refer query no 105.
108	Section VI2. Regulatory Permissions and ConsentsPage 291	The System Integrator shall obtain all requisite statutory clearances prior to commencement of civil and or electrical works, which includes obtaining permissions/consents for setting-up construction camp; plants and equipment; borrow areas if necessary.	Since being a Private Entity it will be extremely tough and time taking for us in obtaining these necessary permissions .Hence We request you to modify the clause as:The Employer shall obtain all requisite statutory clearances prior to commencement of civil and or electrical works, which includes obtaining permissions/consents for setting-up construction camp; plants and equipment; borrow areas if necessary. The cost incurred in obtaining necessary Right of Way (RoW) along with cost of digging, refilling and reinstating shall be reimbursed on actuals on giving necessary/relevant documents. In case of any delay ROW permission, it will not be calculated for liquidated damages and relevant time extension will be provisioned.	Refer query no. 61 Point 1
109	Section VI 18. Liabilities Page 303	Any liability arising out of System Integrator's agreement with landowners/ local people/gram panchayat (including those related to temporary use of land, water extraction and disposal of debris) shall be settled by the System	We request you to Kindly delete the clause or modify the clause as: Any liability arising out of Employer's agreement with landowners/ local people/gram panchayat (including those related to temporary use of land, water extraction and disposal of debris) shall be	Clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		Integrator.	settled by the Employer.	
110	Section III 1.6. Specific additional criteria Page 65	e) OEM/Service Provider – Qualification conditions (refer Form EXP- 2.4.2(b))	We request you to remove this qualification criteria for the OEM's since the same will restrict the participation.	RFB document does not restrict any bidder from participating. Responsive Bidders will be evaluated for compliance.
111	Section III Infrastructure performance targets Page 62	b. Calculation of system availability:	We request you to kindly exclude theft of material, power outage, bandwidth downtime or any other failure not attributable to bidder from SLA downtime and System availability calculation.	clause remain unchanged
112	Section VII 10. Employer's Responsibilities Page 372	10.3 The Employer shall acquire and pay for all permits, approvals and/or licenses from all local, state or national government authorities or public service undertakings in the country where the Site is located which (a) such authorities or undertakings require the Employer to obtain in the Employer's name, (b) are necessary for the execution of the Contract, including those required for the performance by both the Contractor and the Employer of their respective obligations under the Contract, and (c) are specified in the Appendix (Scope of Works and Supply by the Employer).	We understand that the employer shall acquire and pay for the cost involved for the following till the project period: 1. WPC (Wireless Public cell) licences 2. Frequencies required for operation of handsets along with no. of radio equipment 3. Yearly fee charged under royalty 4. All type of statutory clearances	1. Refer Query No. 62 2. not relevant 3. Refer query no. 62 4. refer query no. 61.point 1

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
113	Section VII67.6 Emergency WorkPage 399	If the Contractor is unable or unwilling to do such work immediately, the Employer may do or cause such work to be done as the Employer may determine is necessary in order to prevent damage to the Facilities. In such event the Employer shall, as soon as practicable after the occurrence of any such emergency, notify the Contractor in writing of such emergency, the work done and the reasons therefor. If the work done or caused to be done by the Employer is work that the Contractor was liable to do at its own expense under the Contract, the reasonable costs incurred by the Employer in connection therewith shall be paid by the Contractor to the Employer. Otherwise, the cost of such remedial work shall be borne by the Employer.	We request you to kindly note that the Contractor cannot be held liable for the costs of such Emergency Works. Only if the need for Emergency Works is due to a direct fault of the contractor, the differential costs of the works can be a liability of the contractor. Please confirm.	Clause remains unchanged
114	Section VII 42. Termination Page 432	87.1 Termination for Employer's Convenience	We request you to kindly delete this clause.	No Change
115	Section VII 42. Termination Page 432	87.1 Termination for Employer's Convenience	Since the contractor would have already placed order, bought inventory etc. Therefore, the employer shall reimburse the losses occurred to the contractor as a result of the termination of contract due to the employer's convenience and not a reason attributable to contractor. Kindly confirm.	No Change

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
116	Section VII 42. Termination Page 432	87.1 Termination for Employer's Convenience	We request you to kindly note that the Employer shall be liable to return all Securities furnished by the contractor intact and the bidder shall be paid in full basis for the work completed.	No addition or modification in existing terms of the contract.
117	Section VII 42. Termination Page 432	42.2 Termination for Contractor's Default then the Employer may, without prejudice to any other rights it may possess under the Contract, give a notice to the Contractor stating the nature of the default and requiring the Contractor to remedy the same. If the Contractor fails to remedy or to take steps to remedy the same within fourteen (14) days of its receipt of such notice, then the Employer may terminate the Contract forthwith by giving a notice of termination to the Contractor that refers to this GC Sub-Clause 42.2	We request you to kindly provide 3 months notice of termination.	clause remains unchanged
118	General	SEOC, DEOC, TEOC, FLC, Tourist Beaches, Salt Pans, Vulnerable villages	We request you to clarify that any Building interior works at these locations of SEOC, DEOC, TEOC, FLC, Tourist Beaches, Salt Pans, Vulnerable villages shall not be in scope of contractor. Kindly confirm.	Refer clause 23 on page 259 for EOC setup and works required
119	Section VI 9.6 Alert Siren System: Page 195	A Galvanised Iron pipe of 7.0- meter height and suitable thickness to be installed on suitable government buildings wherever these are available at proposed locations.	We request you to provide the building stability report where the rooftop pole has to be erected.	Refer to Page 203 para two.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
120	Section VIII PC 12. Terms of Payment Page 374	PC 12.4 The currency in which payments are made to the Contractor under this Contract shall be Indian Rupees (INR)	Bidder shall be allowed to quote the prices in 3 Foreign currencies viz. USD, EURO, British Pound and/or in one Local Currency INR. Also, the Payment shall be made by the Purchaser only in the currency quoted by the bidder. Please confirm.	Clause remain unchanged
121	Section I 37. Conversion to single currency Page 41	Conversion to Single Currency	Please add this clause : For evaluation purposes, TT selling rate of exchange of the currencies of State Bank of India (SBI) prevailing 28 days prior to the latest date of submission of Bid shall be considered for conversion of Foreign currency to Indian Rupees. Kindly confirm. In case of any increase or decrease in Forex shall be passed on to the Customer	Refer query no 120
122	Section VII 11. Contract Price Page 374	11.2 Unless an adjustment clause is provided for in the PC, the Contract Price shall be a firm lump sum not subject to any alteration, except in the event of a Change in the Facilities or as otherwise provided in the Contract.	Since the equipment & quantities mentioned in the price schedule are indicative, we request you to confirm that the quantity can vary up to a maximum of +/- 10%. Also, Since contract price is firm lumpsum. we request you to confirm that any variation in the quantity shall be paid extra on unit price basis.	Refer query no. 77.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
123	Section IV Appendix to Financial Part Page 154	NOTE: The equipment & quantities mentioned in the table are indicative and meant for bid evaluation purposes only. The System Integrator is required to provide complete solution with all necessary materials & accessories to meet the functional requirements. Price bid equipment & quantities are based on the employer's estimation, these quantities are the basis of financial evaluation and finalizing the contract amount, however at the time of implementation of contract if any variation is required, variation may be approved by GSDMA.	<p>Since the equipment & quantities mentioned in the price schedule are indicative, we request you to confirm that the quantity can vary up to a maximum of +/- 10%.</p> <p>Also, Since contract price is firm lumpsum. we request you to confirm that any variation in the quantity shall be paid extra on unit price basis.</p>	Refer query no. 77.
124	Section VIII PC 14 Taxes and Duties Page 470	Further, no adjustment of the Contract Price shall be made on account of variation in deemed export benefits.”	As deemed export benefits is not in control of bidder and can change from time to time. Therefore, we request that the employer shall be liable to make adjustment in the contract price due to variation in deemed export benefits.	No Change
125	Section VIII PC 36 Change in Laws and Regulations Page 479	Further, no adjustment of the Contract Price shall be made on account of variation in deemed export benefits.”	As deemed export benefits is not in control of bidder and can change from time to time. Therefore, we request that the employer shall be liable to make adjustment in the contract price due to variation in deemed export benefits.	No Change

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
126	Section VIII PC 27. Defect Liability Page 476	PC 27.8 – If the Facilities or any part thereof cannot be used by reason of such defect and/or making good of such defect, the Defect Liability Period of the Facilities or such part, as the case may be, shall be extended by a period equal to the period during which the Facilities or such part cannot be used by the Employer because of any of the aforesaid reasons.	Since penalty will be applicable in case Facilities or any part thereof cannot be used by reason of such defect. Therefore the extension of the Defect Liability Period of the Facilities or such part, as the case may be, is not acceptable. We request you to kindly delete this clause.	No Change
127	Section VIII PC 28 Functional Guarantees Page 477	If the Contractor eventually fails to meet the minimum level of Functional Guarantees, the Employer may consider termination of the Contract, pursuant to GC Sub-Clause 42.2.2. and recover the payments already made to the Contractor	We request you to kindly amend the clause as following: If the Contractor eventually fails to meet the minimum level of Functional Guarantees, the Employer may consider termination of the Contract, pursuant to GC Sub-Clause 42.2.2.	Clause remains unchanged
128	Section VII 58.2 Advance Payment Security Page 376	13.2.1 The Contractor shall, within twenty-eight (28) days of the notification of contract award, provide a security in an amount equal to the advance payment calculated in accordance with the Appendix to the Contract Agreement titled Terms and Procedures of Payment, and in the same currency or currencies.	We understand that contractor shall provide separate Advance Payment Security for advance payment under - Schedule 2: Infrastructure and Equipment Supplied from within the Employer's Country Schedule 3: Design Services Schedule No. 4. Installation Services Kindly confirm.	Yes, within 28 days of the notification of contract.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
129	Section VII Appendix 1. Terms and Procedures of Payment Page 490	Appendix 1. Terms and Procedures of Payment	We understand that contractor shall provide separate Advance Payment Security for advance payment under - Schedule 2: Infrastructure and Equipment Supplied from within the Employer's Country Schedule 3: Design Services Schedule No. 4. Installation Services Kindly confirm.	Refer query no. 128
130	Section VIII Environmental, Social, Health and Safety (ESHS) Performance Security - Bank Guarantee Page 505	ESHS Performance Security	Please provide the ESHS Performance security Validity period.	Refer page 469 - PC 13.3.2 and PC 13.3.3
131	Section VII 20. Design and Engineering Page 386	20.3.5 If any dispute or difference occurs between the Employer and the Contractor in connection with or arising out of the disapproval by the Project Manager of any document and/or any modification(s) thereto that cannot be settled between the Parties within a reasonable period, then such dispute or difference may be referred to an Adjudicator for determination in accordance with GC Sub-Clause 46.3 hereof. If such dispute or difference is referred to an Adjudicator, the Project Manager shall give instructions as to whether and if so, how, performance of the Contract is to proceed.	We request you to modify the clause as: If any dispute arises out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred by the bidder to a panel of 3 arbitrators where One arbitrator will be from each party and a 3rd arbitrator, who shall be the presiding arbitrator, by the two arbitrators	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
132	Section VII43. AssignmentPage 442	43.1 Neither the Employer nor the Contractor shall, without the express prior written consent of the other Party, which consent shall not be unreasonably withheld, assign to any third Party the Contract or any part thereof, or any right, benefit, obligation or interest therein or thereunder, except that the Contractor shall be entitled to assign either absolutely or by way of charge any monies due and payable to it or that may become due and payable to it under the Contract.	In order to have better working capital for the project we propose an Assignment clause as below to be included in the Payment Schedule, which shall allow us to factor the bill with financing institution, and therefore enable us to participate in the Tender. Assignment Clause (new Clause proposed) :“The Contractor shall not, without the express prior written consent of the Employer, assign to any third party the Contract or any part thereof, or any right, benefit, obligation or interest therein or there under, except that the Contractor shall be entitled to assign either absolutely or by way of charge any monies due and payable to it or that may become due and payable to it under the Contract to any Financial Institution(s) or Bank(s) or NBFC(s). In the event the Contractor assigns the monies due and payable to it or that may become due and payable to it, under the Contract, to any Financial Institution(s) or Bank(s) or NBFC(s), the Employer shall acknowledge the intimation letter it may receive from such financial institution(s) or Bank(s) or NBFC (s). If the Employer does not reply within 15 days of the receipt of the intimation letter, it can be considered as “acknowledged by the Employer”. Furthermore the Employer will provide an indicative date by when the funds will be released to the Contractor as a measure of	Clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
			comfort for the decisions of Financial Institution(s) or Bank(s) or NBFC(s)".	
133	Section VII 30. Limitation of Liability Page 408	30.1 (a) neither Party shall be liable to the other Party, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, which may be suffered by the other Party in connection with the Contract, other than specifically provided as any obligation of the Party in the Contract,	We request you to modify the clause as: neither Party shall be liable to the other Party, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, which may be suffered by the other Party in connection with the Contract.	Clause remains unchanged
134	Section VII 42. Termination Page 431	87.1 Termination for Employer's Convenience 42.1.1 The Employer may at any time terminate the Contract for any reason by giving the Contractor a notice of termination that refers to this GC Sub-Clause 42.1	Request you to please delete the clause. We request you to kindly note that the Employer shall be liable to return all Securities furnished by the contractor intact.	No change
135	Section III 1.6 Specific additional Criteria Page 64	New Clause	We request you to add new clause as following to this section: The Bidder and their subsidiary/ associate company shall not be under a declaration of ineligibility / banned / blacklisted / debarred by any State or Central Government / any other Government institutions in India as on bid submission date.	Refer ITB 4.4 on page 47

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
136	Section III2.5 PersonnelPage 74	Implementation Phase -Civil Works Expert	The quantity for Civil Works Expert is not mentioned in RFP. Kindly provide.	clause is modified to consider Civil expert QTY as One(1).
137	Section III 2.5 Personnel Page 74	Operations and Management Phase - Warning control staff	The quantity of Warning control staff mentioned as 12 is inclusive of all shift. i.e. 4 per shift. Kindly confirm our understanding.	<p>Yes , at SEOC at one time total 12 warning control staff will work.</p> <p>Shift at SEOC 1st shift - Day time - One Supervisor, One GIS and Four Warning Control staff. 2nd Shift - evening - Four Warning Control Staff. 3rd shift - night - Four Warning Control staff.</p>
138	Section IV Schedule No. 5 Page 163	4. Manpower at SEOC, DEOCs & TEOCs S.No. 3.04 & 3.05 Warning control staff	The quantity of Warning control staff mentioned as 12 is inclusive of all shift. i.e. 4 per shift. Kindly confirm our understanding.	Refer query 137
139	INVITATIONS FOR BIDS (IFB) Page 49	<p>Only the originals of Power of Attorney and the Original Affidavit vouching for the correctness of the information furnished shall be delivered before the bid submission deadline by post to the address of Purchaser/Employer's representative</p> <p>- Miss. Ekta Thaman, Deputy Director Gujarat State Disaster Management Authority 5th floor, Block 11, Udyog Bhavan Sector 11, Gandhinagar – 382011</p>	Considering COVID-19 , Submission in Hard copy shall be a challenge .Hence Request you to kindly accept the submission of complete documents in online only .	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		Gujarat, India Detailed guidelines for viewing		
140	Section III Penalties (Liquidated damage) during implementation stage Page 61	Penalty (liquidated damage) as % of contract value for project	The penalty rates mentioned for delay in completion is contradictory in the two clauses. Kindly clarify.	Refer query 46
141	Section VIII PC 26. Completion Time Guarantee Page 469	Applicable rate for liquidated damages	The penalty rates mentioned for delay in completion is contradictory in the two clauses. Kindly clarify.	Refer query 46
142	Section III Penalties (Liquidated damage) during implementation stage Page 61	Penalty (liquidated damage) as % of contract value for project	We request you to change it to Penalty (liquidated damage) as % of Undelivered portion of contract value for project	Clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
143	Section III Penalties during the Operation and Maintenance and AMC Phases Page 63	Penalties during the Operation and Maintenance and AMC Phases	We request you to add new clause as following to this section: The maximum SLA penalty shall be capped to 10% of the contract price.	Refer query 46
144	Section III 2.5. Personnel	The Bidder must demonstrate that it will have the personnel for the key positions that meet the following requirements:	We understand that Bidder only need to provide CV for implementation Manpower along with name. For Opeartion and Management Phase Manpower, Bidder can submit the Undertaking stating that Bidder shall provide required manpower during AMC and shall submit CV at time of O&M.	Yes .Provide CVs for implementation period meeting the minimum qualification and declaration for operations & maintenance phase.
145	Section IV Appendix to Financial Part Schedule No 8 Page 137	Schedule No. 8. Recommended spare parts for operations beyond first 60 months of operations post commissioning of infrastructure	We understand that Schedule No. 8 is not under evaluation .Please confirm	Schedule No. 8 is not part of evaluation
146	Section IV Appendix to Technical Part -2- Method Statement Page 87	iv. The Bidder shall not propose multiple products/ makes/models for single line item/ items in the Bid document submission.	We request you to kindly allow bidder to propose Multiple OEM against Single item. It will help Bidder to become more competitive .	Refer Query no - 75
147	General	Work Front Availability	We understand that delay in work front availability due to Customer shall be suitably compensated.	No clause added or modified in the RFB document.
148	General	Coordinating with multiple stakeholders viz. Govt. department such as revenue dept., fisheries dept., tourism dept., navy, airforce & Panchayat head, NDMA, World Bank etc.	We understand that Customer appointed agaency shall work as cordinator between System Integrator and Several other departments . Also Agency will take care of all the related deaprtment approvals. Dealy due to approvals shall be suitably	No other Agency is responsible for the approvals. Refer query no 61 point 1

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
			compensated while calculating LD.Please confirm	
149	Page No:64 Section/Clause :1.6	He should have implemented of at least two (2) nos. Alert Siren System with minimum 50 locations each for Mass Notification in last 5 years. For OEM - his Designed and Manufactured system . should have been implemented in minimum 50 locations each in last 5 years. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.	We humbly propose that the clause be read as "He should have implemented at least two (2) nos. Alert Siren System with a total of 100 locations for Mass Notification in last 5 years. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted." We also request that this clause only be applicable for OEM/ Authorized partner.	Clause remain unchanged
150	Page No:148 Section/Clause :38	BOQ - GSM Modem with Dual-SIMCard	Please clarify whether we have to use oneGPRS Module with 2 Sim Cards or can we instead use two GPRS modules with automatic switching capabilities. This is a more reliable solution because in case of the failure of one modem, the other will be still inoperable condition.	Bidder can provide one Dual sim module with two different service providers or can provide two modules with two different service providers.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
151	Page No:195 Section/Clause :9.6 Point C.	The speaker system power output of Remote Terminal Unit (RTU) should be of 600 watts or more.	We humbly propose that for siren, the acoustic power (decibel rating) should be minimum 120 dB at 30 meter (on axis) as per FEMA standards expected to produce 65 to 70 dB sound level at a distance of 1 Km from the siren location. Proposed 600 Watt will not be able to comply the FEMA Guidelines	Refer query no. 67
152	Page No:207 Section/Clause :14.1 (2)	Operating system - The Control station should have Windows Operating System (OS) based software which is user friendly with, Graphical User Interface (GUI) for overall control and status monitoring of all RTUs	We humbly propose that the clause be read as "The Control station should have Linux or Windows Operating System (OS) Server or PC based software which is user friendly with, Graphical User Interface (GUI) for overall control and status monitoring of all RTUs." Proposed clause is very specific.	Clause remain unchanged
153	Page No:207 Section/Clause :Note to Bidder S.No.4	Remote monitoring of RTUs is a important aspect of the overall system and contractor has to ensure that the system is capable of monitoring each sub equipment of the RTU including solar panel / power generation and battery backup.	The statement is ambiguous Please clarify what constitute each sub equipment of RTU?	Refer clause 9.7 page 196 for RTU configuration.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
154	Page No:64 Section/Clause :1.11	<p>Horn speakers 4 units or more per location are to be mounted on towers as specified earlier in this document. Mounting Fixtures are to be provided by the contractor. The audio output power should be at least 300 watts RMS continuous per amplifier (or 600 Watts peak per Siren) or more. Direct-Single-Horn-Replacement must be possible at any time. Horns should be light weight, rugged, weather proof and compact in size and shape. They should be moulded in metallic aluminium finish for long lasting and rust proof even under saline weather conditions. Total weight of horn assembly should normally not exceed 80 kgs. Horns should preferably in rectangular shape and comply with low voltage directive standard EN 60065. Degree of protection for the horns should meet IP 65 specifications for protection against foreign particles such as dust and jets of water. In short, these installations should be ideal for outdoor use. The Loudspeaker cable should be double insulated to connect with the speaker amplifier. All Speaker cable must be routed inside the mounting pole or covered by metal tube (pipe). In case these are routed outside the tower. The installation must follow best practice</p>	<p>1) To deliver the distance coverage of 70 dB at 1.5 Km, we need a siren that will generate acoustic power (decibel rating) 123 dB at 30 meter (on axis) which can produce sound levels in the range of 65 dB to 70 dB at a radius of 1.5 Km, in ideal test conditions. It is not recommended to install Siren in inhabited area with Acoustic power more than 123 dB at 30 meter (on axis). In view of FEMA guidelines for local resident's safety, we recommend to modify the tender clause (for Speaker Specification) as follows:- The acoustic power (decibel rating) should be 123 dB at 30 meter (on axis). 2) As per the RFP the horns - "They should be molded in metallic aluminium finish for long lasting and rust proof even under saline weather conditions." We request the material of the horn be changed to "Metallic Aluminium/ Aluminium Alloy" 3) The Horns assembly will weight higher than 80 KG. We request that the max weight cap of the Horn assembly and associated equipment should be removed and design of tower should take into account the actual weight of the Horns and associated equipment. As is mentioned on page no.195 of the RFP.</p>	<p>1. Refer query no. 672. The clause is modified to include Metallic Aluminium/ Aluminium Alloy. The specification for weight of horn speakers and associated equipment is minimum requirement and is based on data collected from weight of reputed warning system products. Bidder is suggested to estimate the carry load according to his solution design and Equipment. The minimum requirement is to bear 100Kg carry load . Although bidder has to design according to his carry load requirement if it is above 100KG.</p>

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		and should be away from any potential · source of interference such as mains cable, data cable & telecom cable. The horn must also have a "netted" cover to orotect against flving insects entering the horn and thereby damaging the horn/ driver.		
155	Page No:212 Section/Clause :15.1		Our standard management software sends reports/logs via email and SMS to a predefined list of recipients such as management and maintenance personnel, but this is different to Cell Broadcast working through mobile phone carriers. Please clarify the content of the message to be sent and the mode of transmission of said messages. Please also clarify if these messages have to be routine or only in case of emergency.	At the time of emergency - the Department will have a requirement to send predefined as well as custom Messages. Both Text and Voice. Bidder need to provide a compliant solution. Although the system is intended to be used at the time of Emergency. There should not be any technical incapability inherent to the system to send the messages in normal situations.
156	Page No:211 Section/Clause : 14.2(10)	Solar Battery Bank - The Alert Tower Siren System shall operate from 12 V (nominal) DC obtained from normal 230 V AC mains power Supply or from back up battery of 12 volts, 150 AH capacity.· The storage batteries shall be sealed maintenance free Tubular GEL Vent Regulated Lead Acid (VRLA) type suitable for solar	The current clause is incongruent with clause 14.2 (9) hence we request that the clause be changed to "The Alert Tower Siren System shall operate from 12 V or 24 V (nominal) DC obtained from normal 230 V AC mains power Supply or from back-up battery of 12/24 volts, 150 AH capacity. The storage batteries shall be	The Alert Tower Siren System shall operate from 12 V or 24 V (nominal) DC obtained from normal 230 V AC mains power Supply or from back-up battery of 12/24 volts, 150 AH capacity.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
		application.	sealed maintenance free Tubular GEL Vent Regulated Lead Acid (VRLA) type suitable for solar application:",	
157	Page No:236 Section/Clause :18.5 S.No-3 Sub Point 5	For designing of the tower load of mounting equipment load of maximum 100kg may be kept into considerations. . In addition to above the other forces acting on the tower may be considered as per latest IS Codes relevant to designing of towers. For the purpose of design and calculations, the wind speed shall be taken at 200 Km/hour. Soil Bearing Capacity at all the sites is assumed as at least 10 tons/sq.m. The total number of cables to be installed on tower is as below. Wind loading due to these may also be taken into consideration for power, earthing and audio cables.	For the purpose of installation/ maintenance of Speakers, it is important to provision seating arrangements for at least 2 persons at the top , near the mounting of speakers. The horns are heavy and for Engineers to replace a coil assembly or a horn itself, or do maintenance work , safe place to sit and perform the operation is needed for the installation or maintenance Engineer. As such we request that the maximum weight of the mounting equipment be increased to "100Kg Stationary weight+ moving weight of two persons"	Clause remain unchanged - If maintenance requirement require more than one person bidder is suggested to use other arrangements like Lift.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
158	Page No:239 Section/Clause :18.5 S.No.-11	Platform flooring will consist of checker plate conforming to IS 3502 and shall be designed as to take stationery and moving load of 1 person plus equipment weighing about 100 Kg. At platform - "Topplates", as a form of protection against accidental dislodging of small tools, are to be provided	For the purpose of installation/ maintenance of Speakers, it is important to provision seating arrangements for at least 2 persons at the top , near the mounting of speakers. The horns are heavy and for Engineers to replace a coil assembly or a horn itself, or d oaintenance work , safe place to sit and perform the operation is needed for the installation or maintenance Engineer. As such we request that the maximum weight of the mounting equipment be increased to "100Kg Stationary weight+ moving weight of two persons"	Clause remain unchanged - If maintenance requirement require more than one person bidder is suggested to use other arrangements like Lift.
159			Please clarify if the notification module should be implemented only at the SEOC level, or should it also be implemented at TEOC and DEOC level. To allow control over the siren system from TEOC and DEOC	DEOC is for monitoring purpose only. SEOC, one backup DEOC and TEOC will have monitoring and control functionalities. Refer query no. 51.
160			Ple:tSe clarify the source of power for the siren system- shall the power of the siren be taken direct from the AC or should the siren be operated through battery as industry standard.	Refer to diagram on Page no. 197 for configuration.
161			Please specify the duration of the battery for the operation of the siren and CCU.	Solar Battery Bank should be in accordance with the panel setup. Refer Point 10 Page 211 & 212 and also Battery Performance at Point 10 Page 212. the system should work min 4 Hours at 100% load on battery.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
162	Page No. 219 Clause: 15.2-Note to Bidder#5	The bidder shall include the cost of sending up to 5 Lakh text SMS (including group and location-based SMS) and one lakh Voice SMS per annum	Please clarify, that a total of 5 Lakh text SMS (which includes 1 Lakh for Group Messaging & 4 Lakh for LBAS) and 1 Lakh voice SMS (which includes 25,000 for Group messaging & 75,000 for LBAS) is required.	Both Group Messaging and LBAS can be independent System and requirement is independently mentioned in the RFB document. Refer Point 5 Page 216.
163	Page No. 219 Clause: 15.2-Note to Bidder#6	The softcopy of updated Cloud based Data Backup Storage for Logs, mobile data of government officials, villagers, fishermen, touris hotels etc. for Group Based Text & Voice SMS shall be handed over to the Purchaser on monthly basis.	All the data will be stored in the physical system that will be deployed in SEOC. Does authority also require an additional cloud based data backup solution to store and retrieve data such as logs, mobile data of concerned people etc.	Refer Query no. 70.
164	Page No. 219 Clause: 15.2-Note to Bidder#7	The Bidder shall need to submit letter of agreement from TSP specifying compliance with the relevant functionality related to Group Messaging Solution	The agreement with TSP for such projects for utilizing their services is always a tri-party agreement with department being one of the party. This agreement with TSP is done post award of project. In Group Messaging solution, bidder is required to propose a fully compliant solution to meet the RFP requirements, it shall be Bidders responsibility to provide fully compliant solution with all the functionalities as stated in the Tender including the cost of Text and Voice SMS.	Employer will follow all the TRAI or GOI guidelines while using the SMS solution. Bidder need to provide a letter from TSPs for capability and integration of proposed LBAS solution in the proposal specifying compliance with the relevant functionality
165	Page 146 - Appendix to Financial Part Schedule -2 (Supply) Item No: - 27	Server for Logs as SEOC, Qty -1	There is no mention of this Server w.r.t. to Hardware specifications. Also request you to describe which logs of which device / software / applications do you want to collect in this Server. Very generic requirement given, needs more detailing.	Server configuration & Hardware should be in sync with the Bidders Design and selection of different category of equipment as well as storage requirement. There should not any issues faced due to hardware or software

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
				capacity at server/servers end and overall system.
166	146 Appendix to Financial Part Schedule -2 (Supply) Item No: - 30	WAN Router - Qty 42 nos.	Apart from the Hardware specs, there are no features or any other technical specs given for this item. We strongly recommend to include Site to Site IPSEC VPN and Firewall capabilities as this is required for all the routers to securely connect to each other over the Open Internet bandwidth asked in the tender.	Bidder should provide robust and secure equipment only to maintain the functional Guarantees.
167	150 Appendix to Financial Part Schedule -2 (Supply) Item No: - 45	DG Set-30KVA with Platform base (Qty 15 + 1) at DEOC	The additional Qty - 1 at any DEOC if already installed is not going to help any other DEOC for redundancy or Maintenance purpose. Hence to avoid this additional cost we request you to remove 1 Qty and instruct the bidders to provide 1 Nos. of 30KVA DG set as spare to be kept at SEOC and then moved to DEOCs as and when required to maintain uptime SLAs	Clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
168	152 Appendix to Financial Part Schedule -2 (Supply) Item No: - 56	Earthing Pit for all equipmen and appliances as per SOW - Qty - 326	On page no: - 242 , as per the Clause No:- 18.10. sub clause 1 - Earthing Pit : - There shall be two earth pits, one pit is for Equipment earthing and one pit for Power Infrastructure. Hence the Quantity of the item no:- 56 in Financial Bid Sch 2 should be doubled to 652 to accomodate this requirement and enable vendors to be clear about the qty v/s cost estimates as the 326 nos. Qty points to only One Earthing pit per location.	Earthing pit cost per site is required in Schedule 2 item 56.
169	158 - 161 Appendix to Financial Part Schedule -5 (O&M) sub clause/Item Nos:- 2.04, 2.04, 2.06, 2.1, 2.12, 2.14,	Upgrade cost of 10Mbps / 2Mbps / 1Mbps to 20 Mbps / 4 Mbps / 2Mbps bandwidth provision at SEOC/DEOC/TEOC for 1 & 2 Years of O&M	These are upgrade prices and should be asked as an option and not in the main price bid. In Doing so the Bid Totals will reflect more than double the cost as both the base and the upgrade cost of the bandwidth is being totalled. Request you to remove either the base or the upgrade B/W in all these columns and correct the Finance Bid.	Base price quotation and upgrade price quotation both will be used for tender evaluation. Contract price will contain finalized line item only.
170	167 Appendix to Financial Part Schedule -6 (AMC)	Internet Bandwidth Charges and Vsat Bandwidth recurring charges	These 2 Main and most important recurring components are not mentioned and missed out in the 3 Years AMC Financial Price bid Schedule-6. The Entire Solution connectivity for the 3 years of the AMC period cannot function without these components. Please add the additional columns to the Financial Bid Sch-6 and float the revised one.	Bidder need to quote for two years of Operations & Maintenance.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
171	188 Scope of Work in respect with Internet bandwidth links Clause d)	d. The bidder is required to connect with the nearest GSWAN Point of Presence (POP) at State HQ, District HQ and Taluka HQ.	Proper Adresses of the Taluka (TEOC)s is not given in the document. Also request you to include a quotable price column in the Financial Bid Sch-1 Supply part for LAN connectivity between all EOC's and District HQs + Taluka HQ's as the connectivity would involve additional OFC or Wireless infrastructure cost.	Refer query no. 55
172	194 Section VI 9.6 Alert Siren System:	A Galvanised Iron pipe of 7.0- meter height and suitable thickness to be installed on suitable government buildings wherever these are available at proposed locations.	The Quantity of the 7.0 mtr poles and the 15 mtr towers is divided as 142/142 in the Boq and Financial Bid. We request you to allow changes to the Quantities after the Survey done by our Civil Team on the building stability at these locations to decide whether 7.0 mtr. Poles on rooftops will take the recommended load of 100Kg at 200km/h wind speeds and hence alter the design and billables accordingly.	Refer query no. 77.
173	198 Clause 10 Power Supply Systems	Fig. 7 and Fig 8 - power distribution design	Multiple Bus Couplers shown in the Design at SEOC are very confusing and not required technically as per our understanding. Need to discuss in detail or remove the 2 bus couplers in Fig. 8 keeping only the Bus Coupler in Fig 7 at the entry point of the Power cycle.	Power Distribution design provided are indicative, however SI can design Power distribution with exact load calculation meeting the system requirement.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
174	222 Section 17.5 (12 Port L2 Switch) Subclause 7 - RPS	The switch should have external/ internal RPS. In case it is not feasible to provide such a switch, the bidder shall provide two switches to ensure redundancy.	12 port L2 switches with the mentioned specs do not have RPS support. Also in absense of RPS it is mentioned to supply 2 switches per location which needs to be mentioned in the Finance bid sch-2 item 25 : - Qty column to 52 instead of 26. We suggest to keep 5 switches in 5 regional DEOCs as spare to be sent to TEOC in case of failure to keep the operations up. Meanwhile the vendor can get the 12 port switch replaced from the OEM as they are covered under warranty and AMC after that. So Qty of even 31 Nos. is recommended and would be workable for this requirement.	Clause remain unchanged. Refer query no. 169
175	265 Clause 26 Supply Inventory Table Subclause c) Internet bandwidth and equipment	Missing BOQ item and Specifications for Call Complaint Mgmt system	In Financial Bid Sch-2 Supply Item No:20 mentions - Call Complaint management System with Toll Free Support Centre Nos. Please give the complete requirement and specifications in the Technical Bid part	Bidder has to maintain helpdesk and ticketing system for the Project. It should be accessible from EOCs to check records and download reports any time.
176	240 Clasue 18.5 Self Supporting Tower, Sub Clause - 12 : - Cable Runway Supporting Ladder	Horizontal feeder rack to support the cables on the ground from tower base to the control room shall also be fabricated. This run can be 30 mtrs from Tower Base to Control Room at a height of 3 -4 mtrs. Above the ground .	How shall such kind of cable runway structures be supported in areas where Winds are 200kms / hrs. Also the intermittent supports suggested will be on Soil which is highly moist as all the locations are near the SEA and will not hold the Runway structures against a strong wind or a storm. So we request and recommend to take the data and power cables from Tower to Control room in 2 different 4 inch HDPE or GI pipes or even closed raceways, laid underground which is technically better	Bidder can suggest underground cable (preferable) or on the ground rack, based on site conditions.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
			and most safe route for the same. Please ammend the requirement accordingly as most of the O&M calls from all 284 locations shall be on this point only.	
177	245 Clause 19, Technical Support Manpower Requirements	There are various definitions given for 24 x 7 support w.r.t. Operations Window and Support Windows and helpdesk team.	Manpower Defined in Finance Sch - 5 items : - 4.01 to 4.10 is limited to Quantities such as 1 , 12, 1 , 15 , 26 respectively for SEOC / DEOC / TEOC and in Finanial Bid Sch - 6 items :- 3.01 to 3.15 is limited to 1,1,1,15,26. Hence this bid rate is logically applicable to 1 Shift only. Please define the Matrix of what manpower you are considering as part of the Operations, Support and Helpdesk teams and also increase the relevant manpower count to x 3 to support 24 x 7 operations in 8 hour shifts for each location.	Bidder need to quote as per schedule 6 for the AMC period. Exact deployment of Resources will be decided by GSDMA after Operations and Maintenance period.
178	268 System Inventory G.11 - G.12 and G.17 - G.18 combination	LED TV Screen 42" HDMI cable fornnews feed (3 units in each DEOC) - 45 Nos. & Set-top Box with TV-Connection Charges - 15 Nos. Similarly LED TV Screen 42" HDMI cable for news feed (2 units in each TEOC) - 52 Nos. & Set-top Box with TV-Connection Charges - 26 Nos	a) Single Set-top box with Dual / Triple HDMI O/P's is not feasible technically and also commercially as it duplicates the transmitted channels by the Service Provider. B) Also HD set-top box may not be supported in all DEOC loactions. Hence request to tune the requirement to Normal Set-top box with Standard Definition viewing and change the Quantity of Set-top boxes to match the number of TV's. The rentals to be paid for the increased Set-top boxes in total will have a considerable impact on the Finance Bid commercial offer as it is a monthly payment for 5 years X nos. of set-top boxes.	Not all LED TV will be connected set-top box. Clause remains unchanged.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
179	164 Finance Bid Sch-5 Item 3.12	Set-top Box subscription Fee/charges for two years.	Set-top boxes Qty needs to be revised based on the above logic in the Finance Bid Sch-5 Item 3.12	Refer query no. 178
180	269 System Inventory I.3	Redundant DG Set 100 KVA (2) with Platform base - Qty -2	Redundancy is already achieved with Qty -2 , then what is the need for 100 KVA (2) in the description column. The total comes to $2 \times 2 = 4$. Please correct the same or specify if you want further 2 Nos. to be kept as spare inventory as it will add to the cost of the Finance Bid.	The quantity requirement is only two (2).
181	269 System Inventory I.4	UPS-20 KVA at SEOC (2 in Hot standby configuration) - Qty -2	Same query as above. Please correct the description to only Hot Standby configuration.	the quantity requirement is only two (2).
182	ITB 21.1 Page no. 31 11.Documents Comprising the Bid Page no. 19	Only the originals of Power of Attorney and the Original Affidavit vouching for the correctness of the information furnished shall be delivered before the bid submission deadline. Further the bid consists of hard copy original Technical Part and online submission of Technical and Financial Part.	Please clarify whether only originals of Power of Attorney and the Original Affidavit is required to submitted as hardcopy (physical submission). OR The Total Techno-commercial bid in Hard copy is required to be submitted. We also request you to please allow all bidders 7 working days from technical bid opening for submission of hard copy original Technical Part.	Whole technical bid is required to be submitted in hardcopy along with letter of financial bid in separate sealed envelope. No part of financial bid should be included in the technical bid envelope.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
183	ITB 20.1, Page no. 49	A bid security is required; the amount of the bid security shall be INR 1,20,00,000.00 (INR One Crore and twenty lakhs only). The bid security shall be Bank Guarantees from Nationalized Bank	As per standard practice followed in all Government tenders, they allow EMD, PBG, Security Deposit etc. in Bank Guarantee format, so please allow BG from Nationalized Bank including the public sector bank or Private Sector Banks etc. as per the G.R. No. EMD/10/2018/18/DMO dated 16.04.2018 Refer existing clause in Government of Gujarat Tenders. List of approved Banks: All Nationalized Bank including the public sector bank or Private Sector Banks or Commercial Banks or Co-Operative Banks (operating in India having branch at Ahmedabad/ Gandhinagar) as per the G.R. No. EMD/10/2018/18/DMO dated 16.04.2018 issued by Finance Department or further instruction issued by Finance department time to time.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
184	2.4.2 Specific Experience : Page no. 73	(a) Participation as contractor, joint venture partner ¹ , management contractor, or subcontractor, within the last 7 years in (i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially ² completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Section VI, Employer's Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included	To get maximum participation from the bidders, we would request you to please amend the criteria as below : Suggestion -1 : (i) one turnkey contract of value at least INR 30 Cr or (ii) two turnkey contracts each of value at least INR 20 Cr. or (iii) three turnkey contracts each of value at least INR 15 Cr. OR Suggestion - 2 : (i) one turnkey contract of value at least INR 30 Cr or (ii) two turnkey contracts of cumulative value at least INR 40 Cr. or (iii) three turnkey contracts of cumulative value at least INR 50 Cr.	Clause remains unchanged
185	2.5. Personnel– Page no. 74 19. Technical support manpower requirements – Page no. 244	2.5. Personnel; The Bidder must demonstrate that it will have the personnel for the key positions that meet the following requirements	Please clarify more in this reference for manpower mentioned at two places. We understand mentioned Personnel in clause 2.5 are required to demonstrate or Technical capability purpose.	There is different manpower requirement for implementation and O&M period. Refer Price schedule 5 and 6.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
186		19. Technical support manpower requirements:	However Technical support manpower requirements in clause 19 are for Technical support for day to day operations for a period of two years after successful commissioning of the project.Please confirm.	yes, the clause refers to manpower for day to day operations for a period of twoyears after successful commissioning of the project. Bidder is required to also quote for manpower for following 3 years (3 to 5 years after commissioning) for support.
187	Appendix to Technical Part - 24 Average Annual Turnover Form FIN – 3.2 Page no. 120	Annual turnover data (construction only) ** *Average Annual Construction Turnover	Please remove construction word from this format. Since it is not applicable for this bid.	Refer the reference note provided in the end of the same page defining the term.
188	21.2 Inspections page no. 248	Factory Inspection of sample items shall be carried out by the purchaser prior to the shipment of the major items like Alert Tower Siren System, to check the specifications as per the technical requirements of the Tender. It is made obligatory that Factory Inspection Test (FIT) reports shall be a part the documents for release of payments	Please note that majority materials in this bid are imported materials and from different locations across the world, hence inspection at factory premises is not feasible and viable for this tender. Kindly confirm that the time taken for Factory Inspection (in India or Abroad) would be considered extra over and above the given project schedule of 9 months.	Factory Testing if required for the select items, will be decided by the employer.
189		VSAT	Kindly allow to offer the Antenna of 1 Mtr. Dimension instead of 1.8 Mt. Dimension, this will help to for easy installation & maintenance. This would also light in weight & cost effective, almost half the price of 1.8 Mtr. Solution.	clause remain unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
190	2.4.1 –b. General Experience 72	Should possess ISO 9001:2008 or later certification. Valid ISO 9001:2008 or later certificate/s required to be submitted.	The bidder / any member of Consortium member should be ISO 9001, ISO 200000, ISO 27001 and CMMi level 5 certified company.	Clause remains unchanged
191	Financial Bid : Page 161 onwards	Other Office work under O&M - requirement of Diesel	<p>Kindly remove the recurring cost of Diesel from the scope of System Integrator</p> <ul style="list-style-type: none"> - Financial bid is asking for 1,50,000 liter of Diesel per annum means 7,50,000 liter of Diesel. - Giving a single constant prices for Diesel is logically not correct. - If GSDMA wants to include this in Scope of SI than kindly amend it at actual cost, on time to time, rather than fix cost. 	Refer Modified Price Bid for Fuel
192	Penalties (Liquidated damage) during implementation stage: Page 62	Delay beyond 8 Weeks : 10% flat	We understand that the Maximum cap on penalty is 10%, kindly reconfirm	refer query 46
193	Penalties during the Operation and Maintenance and AMC Phases: Page no. 64	<p>Penalty for Uptime < 97.0%</p> <p>= Flat 10% of MME for each subsystem / facility</p>	We understand that the Maximum cap on penalty is 10% of Only affected subsystem / facility, kindly reconfirm.	refer query 46

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
194	Payment terms : Infrastructure part : Infrastructure and Equipment Supplied from within the Employer's CountryPage No. 490	Twenty percent (20%) of the total or pro rata EXW amount upon issue of the OperationalAcceptance Certificate, within forty-five (45) days after receipt of invoice after receipt ofequivalent Bank Guarantee from Nationalized bank valid till end of warrantee period of 2years from the date of operational acceptance.	What is this 20% BG for 2 years ??Is is PBG required to be submitted for Project, if yes, 20% PBG is too high, as per the Tendering policy across the India - It is 5% or maximum of 10%.Is it over and above the PBG required to be submitted for the Project.	Refer Page 469 PC 13.3.3 para two for clarification.
195	Insurance Requirement - Page no. 494 & 495	For the entire tenure of the project including O&M period	Why should Vendor take this insurance and what is the claim effect ?	Refer Clause 33 and 34 on page 417 and 418
196	Appendix 8. Functional Guarantees : Page 501		What is this Functional Guarantee ???	Refer Page 477 - GC 28 & PC 28 and Clause 1.4 page 58.
197	30/ ITB 20.8, 11 & 12/ITB 4.1 & 46/BDS-ITB 4.1	BID Security & Joint Venture: Bid requirement: The Bid Security of a JV shall be in the name of the JV that submits the bid.	Clause 4.1 allows bidding to be done by entities under an existing agreement or with an Intent to enter into such an agreement supported by a letter of intent. In case of an Intent to enter into such an agreement, there would be no banking accounts or relationships existing in the name of an entity which is yet to be incorporated. In such a scenario, Bid security should be allowed to be issued by any of the entity forming part of the intended JV.	Clause remains unchanged

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
198	50-BDS-ITB 23.1	Submission deadline for uploading of bids, Date:13-04-2020, Time:1700 hrs:	In view of extensive work requirements with regard to: assimilation of inputs & data, including visiting critical / selected sites: Submission of bids may please be considered for extension by one month after uploading date of clarifications on points raised during pre-bid meeting.	Refer Appendix B
199	72/2.4.1	General Experience: Experience & proven record: for at least 5 years and with activity in at least last 1 year	Request that activity in last 3 years to be included in lieu of indicated 1 year.	Clause remain unchanged
200	72-73/2.4.2	Specific Experience: Contractor within the last 7 years of values in (i) one turnkey successfully completed contract value of at least INR 40 Cr or (ii) one turnkey contract value of at least INR 60 Cr, that have been successfully and substantially completed and that are similar to the proposed requirements of this project.	Request consider projects during span of 10 years duration in lieu of indicated 7 years, and experience of sub-contractors / OEMs and JV partners, be permitted to be included.	clause remain unchanged
201	Page 73 - 2.4.2 Specific Experience	ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless data communications will also be considered, however purely electrical and civil works will be not be included.	We understand that ICT projects including any of the mentioned sub-component shall be considered in the specific experience. Please clarify.	Similar Project should be ICT Project - Civil and Infrastructure projects will not be considered.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
202	Page65 - 1.6(e) Specific Additional Criteria	Offered product OEM/Authorized Partner/Service Provider – (VSAT)	As per the Department of Disaster Management & Civil Defence, Govt. of West Bengal the lead bidder can use the experience of any OEM. Please confirm that lead bidder can use the experience of the VAST OEM.	Clause 1.6e is for OEM experience Only. Bidder should only propose qualified OEMs who can provide complied equipment and long term support according to RFB document.
203	Page65 - 1.6(e) Specific Additional Criteria	Offered product OEM/Authorized Partner/Service Provider – (Alert and Warning System)	As per the Department of Disaster Management & Civil Defence, Govt. of West Bengal the lead bidder can use the experience of any OEM. Please confirm that lead bidder can use the experience of the Alert & Warning System OEM.	Refer query no. 35
204	Page66 - 1.6(e) Specific Additional Criteria	Offered product OEM/Authorized Partner/Service Provider – (Network) Implementation of at least one (1) project related to: Emergency Operation Centre or Network Operation Centre, LAN, WAN, Internet Services with over 100 WAN Nodes. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted	We understand that implementation of any one project related to the different criterias mentioned shall be considered in the specific additional criteria. Please clarify.	Refer query no 2 and 35. Network OEM should have the relevant Experience. Past experience specific to disaster management is not specifically required and any network project meeting the specified conditions in the clause for Network OEM will be considered. OEM declaration with purchase order proof of equipment will also be considered.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
205	Page187 - 9.1 Telephones & Cellphones	Landline (fixed) telephones and cell phones for use in EOCs and by government departments, will be procured by respective government agencies.	We understand that maintenace of landline telephones & cell phones is not in the scope of the service provider. Please clarify.	Maintenance of Landline phones and cell phones used by Government agencies which are not procured through this RFP is not in scope of bidder. Maintenance of all the equipment procured through this RPB for the project is in scope of bidder.
206	Page187 - 9.3 Bandwidth on GSWAN & Internet	The Bidder is required to do the necessary cabling for interconnection between respective EOC from the nearest GSWAN Point of Presence (PoP).	Its is requested to please specify the approximate distance between EOC & nearest GSWAN PoP since cabling will attract cost and is critical during project execution.	Refer query no. 55
207	Page- - General	Permission for establishment of 284 RTUs	The tender does not specify whether permissions have been taken for intallation of 284 RTUs on government establishments & land has been acquired for the bare soil locations. Please clarify.	Refer response to query no. 61 point 1.
208	Page278 - 27.2.2 RegulatoryPermissi ons andConsents	The System Integrator shall obtain all requisite statutory clearances priorto commencement of civil and or electrical works, which includes obtaining permissions/consents for setting-up construction camp; plants and equipment; borrow areas if necessary.....	The timeline fof 9 months for the project is too stringent. Taking regulatory permissions & consents from different departments is a time taking process. It is therefore requested that GSDMA shall provide all the required permissions of the 284 locations to the service provider for timely completion of the project.	Clause remain unchanged. Refer query no. 61 point 1

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
209	Page279 - 27.2.3 Consultation and Community Consent	The System Integrator shall consult and obtain written consents of landowners (individual/panchayat/govt. agency) for temporary use of land for all construction related activities including: Erection of towers Setting-up and operation of construction and labour camps; Borrow areas and Disposal of debris and other waste material.	The permissions from individual/panchayat/govt. agencies shall be to the scope of purchaser since these all are time taking process and have high probability that an individual may not allow to install tower on his/her land. So, all the permissions & land acquisition must be in place before finalization of the contract.	Refer query no 61 point 1
210	Page242 - 18.1	Earthing/Pit for all equipment & appliances as per SoW	Please clarify that whether Service Provider can use the existing earthing arrangement on the buidings meant for MPCs.	No , Bidder needs to make independent earthing for EWDS system
211	General	Bare Soil Location	Some locations in the bare soil are not easily accessible by road & it would be very difficult for the System Integrator to install the towers in such locations. It is therefore requested that a joint survey shall be conducted with the successful bidder & alternate sites shall be provided so that the towers may be easily installed. The pictures of the locations & connecting lanes to the locations are shared with this file for your reference.	Refer Para two Page 203

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
212	General	Bare Soil Location	Being a coastal region, rains would be frequent making the bare soil locations inaccessible to work. It is therefore requested that the delay on such sites due to rains shall not attract liquidated damages for the System Integrator. Owing to this fact, project completion must be regarded as commissioning of 80% of the total sites.	Refer PC 24 page 473
213	Clause No. 1.6. Specific additional criteria / e) OEM/Service Provider – Qualification conditions - Offered product OEM/Authorized Partner/ Service Provider – (Alert and Warning System) Pre-Qualification Criteria's	He should have implemented of at least two (2) nos. Alert Siren System with minimum 50 locations each for Mass Notification in last 5 years. For OEM – his Designed and Manufactured system should have been implemented in minimum 50 locations each in last 5 years. Successful completion certificate / purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.	This clause favours only & only global OEMs. No Indian OEMs have 50 locations of single order in Indian Defence or any vertical as similar pre-qualification criteria have always acted as a hindrance for Indian OEMs and they have never been able to achieve the qualification. We are respected Indian OEMs who is into Alert and Warning System manufacturing and providing mission critical solution to our country. We request GSDMA authority to amend the clause so Indian OEMs / partners can contribute their active part in this project. Amendment Requested “He should have implemented Alert Siren System at more than 50 locations for Mass Notification in last 7 years in India and these Sirens should be successfully working in Indian environmental conditions. Successful completion certificate / purchase order copies with delivery or shipping document or payment as a proof from competent authority required to be submitted.”	Clause remain unchanged - the experience requirement for OEM is implementation of their siren at only 50 locations under single project for a client in India or anywhere else in the world. Two such projects will be considered. Multiple purchase orders to a client under one project will also be considered.

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
214	Clause No 9 Page No 4-5	The bidders are required to submit documents listed below, with Miss. Ekta Thaman, Deputy Director, Gujarat State Disaster Management Authority, 5th Floor, Block 11, Udyog Bhavan, Sector 11, Gandhinagar-382011 before the bid submission deadline, either by registered post/speed post only, failing which the bids will be declared nonresponsive and will not be opened.	Sir, due to Coronavirus disease (COVID-19) pandemic, there are challenges to submit the documents physically before bid submission deadline. Therefore we request you please consider the soft copies only as same is considered in other projects as well ,please allow to submit hard copies once situation of covid is normalised.	Clause remains unchanged
215	Section II ITB 20.1 Page No 49	A bid security is required; the amount of the bid security shall be INR 1,20,00,000.00 (INR One Crore and twenty lakhs only). The bid security shall be Bank Guarantees from Nationalized Bank located in India for equivalent or higher values are acceptable provided it is pledged in favour of Gujarat State Disaster Management Authority, Gandhinagar and such pledging has been noted and suitably endorsed by the bank issuing the certificate.	We request you please provide the bank details for the Bid security purpose	Refer Corrigendum 6

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
216	Section III Clause No. 2.3.2 Page No 70	Average Annual Turnover- Minimum average annual turnover in IT/ Telecom infrastructure services / Disaster management services businesses of INR 150 Cr calculated as total certified payments received for contracts in progress or completed, within the last 3 financial years.	We request you please amend the clauses as per below.- Average Annual Turnover- Minimum average annual turnover in IT/ Telecom infrastructure services / Disaster management / ICT / Infrastructure services businesses of INR 150 Cr calculated as total certified payments received for contracts in progress or completed, within the last 3 financial years. Request to consider turnover of 2019-20 as well (Certified by Auditor) Each partner must meet min 10% of the requirement	Clause remains unchanged
217	Section III Clause No 2.4.1 –a. Page No 72	General Experience - Experience and proven record in implementing heterogeneous system integration projects, WAN connectivity, network operations center, telecom projects, early warning dissemination system, etc. for at least the last 5 years on the date of submission deadline, and with activity in at least last 1 year. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted.	We request you please amend the clauses as per below. General Experience - Experience and proven record in implementing heterogeneous system integration projects/ICT Project/ WAN connectivity, network operations center, telecom projects, early warning dissemination system, etc. for at least the last 5 years on the date of submission deadline, and with activity in at least last 1 year. Successful completion certificate /purchase order with delivery or shipping document or payment as a proof from competent authority required to be submitted. We request you please consider the on-	Refer query no 4

Sr. No.	Section No, Clause No Page No	Description	Query / Suggestion	Response
			going projects experience also.	
218		<p>(a) Participation as contractor, joint venturepartner1, management contractor, or subcontractor, within the last 7 years in(i) one turnkey successfully completed contract of value at least INR 40 Cr. or (ii) one turnkey contract of value of at least INR 60 Cr, that have been successfully and substantially2 completed and that are similar to the proposed requirements of this project. The similarity shall be based on the physical size, complexity, methods/ technology or other characteristics as described in Section VI, Employer’s Requirements or Similar ICT Projects. ICT projects with similar sub-components like EWDS, Emergency Operations Centers, Network Management centers, VSAT and telecom networks, WANs etc. Projects related to SCADA and wireless datacommunications will also be considered, however purely electrical and civil works will be not be included.</p>	<p>We request you please consider the OEM Experience also against said clause & please amend the clause as per below.Participation as contractor, joint venturepartner1, management contractor, or subcontractor or proposed OEM by bidder should have experience within the last 7 years in(i) Two turnkey successfully completed contract of value at least INR 25 Cr. or (ii) one turnkey contract of value of at least INR 50 Cr,</p>	<p>Clause remains unchanged</p>

Appendix B: Corrigendum to RFB

With reference to the captioned subject matter, GSDMA has issued Corrigendum/Addendum to the Bid document, details as under: -

Sr No	Reference	Modified/Added Clause
1	BDS ITB 23.1	The deadline for uploading the bids: Date: 22/06/2020 Time: 1500 hours
2	BDS- Award of Contract ITB 42.1	Subject to ITB 41.1, the Employer shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be eligible and qualified to perform the Contract satisfactorily. Bidder to note - The bidder's technical solution must comply with the terms, requirements and specifications specified in the section VI to be considered as responsive and will be evaluated financially. The decision taken in this regard by the technical committee of GSDMA will be final. Bidder in his technical bid must provide the details of his proposed solution along with other documents required by the Bidding Document.
3	Section VII. General Conditions (GC)	There is a mismatch in numbering of main clauses and subclauses. Numbering should be considered according to main clause starting from 1. Definitions with subclause as 1.1 instead of 46.2. Rest of the clauses and sub clause numbering in this section should be read/referred in similar fashion/continuation.

		Factor	Eligibility					Documentati on Required	
		Sub-Factor	Requirement	Criteria					
				Single Entity	Bidder				
					Joint Venture / Consortium				
			All partners combined	Each partner	At least one partner				
4	Section III - 2.1. Eligibility 2.1.1 Nationality	2.1.1 Nationality	Nationality in accordance with ITB 4.2.	Must meet requirement	NA	each partner must meet the requirement - In case of Consortium	Lead Partner Must meet requirement in case of JV Note: Condition applicable only in case of JV. For consortium each partner must meet the requirement	Form FIN –3.3	
5	Section III - 2.3. Financial Situation - 2.3.1 Historical Financial Performance	The last 3 financial years to be considered are FY2017-18, FY2018-19, FY2019-20. With Documents required in Form FIN – 3.1 with Attachments.							

6	Section III - 2.3. Financial Situation -2.3.2 Average Annual Turnover	The last 3 financial years to be considered are FY2017-18, FY2018-19, FY2019-20. With Documents required in Form FIN – 3.2 with Attachments.
7	Section III - 2.3. Financial Situation -2.3.3 Financial Resources	The last 3 financial years to be considered are FY2017-18, FY2018-19, FY2019-20. With Documents required in Form FIN – 3.3 with Attachments.
6	Price Bid Format	Please refer the additions/Deletions in price bid Schedule 5, Schedule 6 and Schedule 8 in Annexure 4 , Annexure 5 and Annexure 6 respectively. Bidder has to fill the revised price bid available on nprocure portal.
7	26. System Inventory Table (Recurrent Cost Items)	#Note : Invoicing on actuals only for Fuel Consumption and Electricity. All other consumption charges will be paid as quoted in Schedule 2, Schedule 5 and Schedule 6.
8	List of Certifying Institutes	List of Institutes for Design Certification required in – Clause 18.5 page 235.

Annexure 1 - Format for the declaration on correctness of information on bidder's letter head furnished with bid document

<<Bidder's Letterhead>>

DECLARATION ON CORRECTNESS OF BID

Subject: *<<Tender details>>*

Dear Sir,

We, *<<Bidder Firm name>>*, hereby submit our proposal in response to notice inviting tender *\<Tender details>>* and confirm that:

1. All information provided in this proposal and in the attachments is true and correct to the best of our knowledge and belief.
2. We shall make available any additional information if required to verify the correctness of the above statement.
3. Certified that the period of validity of bids is 90 days from the last date of submission of proposal, and
4. We are quoting for all the services mentioned in the tender.
5. GSDMA may contact the following person for further information regarding this tender:

<<Point of Contact details including Name, Designation, Mobile No and Address>>

Yours faithfully,

For {*Bidder firm name* }
(Authorized Signatory)

Date:

Annexure 2 - Format for declaration on blacklisting on bidders later head furnished with bid document

<<Bidder's Letterhead>>

DECLARATION OF NOT BEING BLACKLISTED

To,
{Employer}

We hereby declare that to the best of our knowledge and belief that {*Bidder firm name*} registered under the {*Act details*} and having its principal office at {*Bidder Firm address with Pin Code*} has not been debarred/black listed by any Government / Semi Government/ Quasi Government organizations in India for non-satisfactory past performance, or corrupt, fraudulent, unethical business practices.

Yours faithfully,
For {*Bidder firm name*}
(Authorized Signatory)
Date:

This declaration is issued solely for the purpose of evaluation of the proposal submitted in response to {Insert details} for {Insert details} issued by {Insert details} vide {Insert details} dated {Insert details} and shall not be used for any other purpose and in any manner whatsoever.

Annexure 3 – Addition in Section IV - Appendix to Financial Part Schedule No 5 - Schedule No. 5.: Charges towards providing operations and maintenance staff of the infrastructure and operating expenses for initial 24 months post commissioning of the project.

Item Number	Description of Equipment	Quantity estimated but may be more or less	Unit	Location	Estimated Rate in Rs.	GST		Total amount according to estimated quantities	
						Applicable Percentage (%)	Amount in INR		
3	Other Office work under O&M				1	2	3=(1)x(2)	4=1+3	In Words
3.03 – 3.08	Diesel Charges for DG set - Deleted								
3.09	All EOCs: Paper, Ink cartridges, Lamps and Tube lights etc. Electricity charges, painting of towers and poles etc. as per requirement and any other supplies for operating EOCs for the project for Year 1	1	Lot	SEOC DEOC TEOC					
3.10	All EOCs: Paper, Ink cartridges, Lamps and Tube lights etc. Electricity charges, painting of towers and poles etc. as per requirement and any other supplies for operating EOCs for the project for Year 2	1	Lot	SEOC DEOC TEOC					

Bidder to note - All other line Items remains same in Schedule 5.

Annexure 4 – Addition in Section IV - Appendix to Financial Part Schedule No 6 Schedule No. 6. All-inclusive Annual Maintenance Contract charges / year for 3 years post initial 24 months of operations after commissioning of project (3RD, 4TH and 5TH of operation)

Item Number	Description of Equipment	Quantity estimated but may be more or less	Unit	Estimated Rate in Rs.	GST		Total amount according to estimated quantities	In Words
					Applicable Percentage (%)	Amount in INR	In Fig	
2	Other Office work under AMC			1	2	3=(1)x(2)	4=1+3	
2.04 – 2.12	Diesel Charges for DG set - Deleted							
2.13	All EOCs: Paper, Ink cartridges, Lamps and Tube lights etc. Electricity charges, painting of towers and poles etc. as per requirement and any other supplies for operating EOCs for the project for Year 3	1	Lot	SEOC DEOC TEOC				
2.14	All EOCs: Paper, Ink cartridges, Lamps and Tube lights etc. Electricity charges, painting of towers and poles etc. as per requirement and any other supplies for operating EOCs for the project for Year 4	1	Lot	SEOC DEOC TEOC				
2.15	All EOCs: Paper, Ink cartridges, Lamps and Tube lights etc. Electricity charges, painting of towers and poles etc. as per requirement and any other supplies for operating EOCs for the project for Year 5	1	Lot	SEOC DEOC TEOC				

Bidder to note - All other line Items remains same in Schedule 6.

Annexure 5 – Institutes for Civil Design Certification

A. Indian Institutes of Technology

- Indian Institute of Technology Bombay
- Indian Institute of Technology Delhi
- Indian Institute of Technology Kanpur
- Indian Institute of Technology Kharagpur
- Indian Institute of Technology Madras
- Indian Institute of Technology Roorkee
- Indian Institute of Technology Bhubaneswar
- Indian Institute of Technology Gandhinagar
- Indian Institute of Technology Hyderabad
- Indian Institute of Technology Dhanbad
- Indian Institute of Technology Indore
- Indian Institute of Technology Mandi
- Indian Institute of Technology Patna
- Indian Institute of Technology Ropar
- Indian Institute of Technology Guwahati
- Indian Institute of Technology Palakkad
- Indian Institute of Technology Tirupati
- Indian Institute of Technology Jammu

B. National Institutes of Technology

- National Institute of Technology, Uttarakhand
- National Institute of Technology, Jamshedpur
- National Institute of Technology Sikkim
- National Institute of Technology Meghalaya
- National Institute of Technology, Manipur
- National Institute of Technology Patna
- National Institute of Technology, Mizoram
- National Institute of Technology Durgapur
- National Institute of Technology Arunachal Pradesh
- Maulana Azad National Institute of Technology Bhopal
- National Institute of Technology, Srinagar
- National Institute of Technology Puducherry
- National Institute of Technology Nagaland
- National Institute of Technology, Silchar
- National Institute of Technology, Rourkela

- Sardar Vallabhbhai National Institute of Technology, Surat
- National Institute of Technology Hamirpur
- National Institute of Technology Karnataka, Surathkal
- Visvesvaraya National Institute of Technology, Nagpur
- National Institute of Technology, Andhra Pradesh
- National Institute of Technology, Warangal
- Motilal Nehru National Institute of Technology Allahabad
- National Institute of Technology Agartala
- National Institute of Technology, Tiruchirappalli
- Malaviya National Institute of Technology Jaipur
- National Institute of Technology, Kurukshetra
- National Institute of Technology Calicut
- National Institute of Technology Raipur
- National Institute of Technology Goa

C. Birla Institute of Technology and Science, Pilani (BITS Pilani)

D. Centre for Environmental Planning and Technology , Ahmedabad

E. Central Building Research Institute, Roorkee, India