Prebid queries response set 1-

on Design, Supply, Installation, Operational and Maintenance of Integrated Digital Platform on Climate Resilient Agriculture (PoCRA)

RFB No: IN-MAHAPoCRA -102980, RFB Issued on :01st March 2019

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
1	7.2	10	The Bidder may wish to visit and examine the site where the Information System is to be installed and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid and entering into a contract	Please provide the site details where Information system is to be installed. We request the site visit for the same.	The system has to be implemented on to the cloud and NOC has to be established at PoCRA office, World Trade Centre, Cuff Parade, Mumbai 400 005
2	Section 1- Instruction to Bidders	13	3.2- Fraud and Corruption	Please specify what all Bank would like to audit and who are the auditors appointed by Bank. How is bank planning to maintain the data sensitivity	Query not relevant

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3	**Point # 16,** Page # 14 - Documents Establishing Conformity of the Information System **Point # 29,** Page # 25 - Deviations, Reservations, and Omissions **Point # 30**. - page#25 Nonmaterial Nonconformities **Form,** page #106 CONFORMANCE OF INFORMATION SYSTEM MATERIALS	14	30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any nonconformity in the Bid that does not constitute a material deviation, reservation or omission. The contract cannot be awarded to a Bidder whose Technical Bid deviates (materially) from the Technical Requirements	Request to delete these clauses and we recommend to allow the bidder to submit the suggesstions at the time of Bid submission that can be discussed at the time of Contract signing.	RFB conditions prevails

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4	28, 29 & 30 Guarantees	28		Notwithstanding anything contained in the RFP, the following terms will apply with respect to the Third Party Products/hardware/software/solution and/or Services ("Third Party Products and Services"): Supplier will supply the Third Party Products under third party vendor's terms. Any liability, responsibility and warranty related to such Third Party Products and Services shall lie solely with third party vendor. Vendor's separate standard Re-Sale Agreement will govern client's purchase from Supplier of Third Party Products and Services. With respect to any defect or functionality issues in such Third Party Products, Vendor's sole responsibility and liability would be to track and report the issues to the relevant vendor, to facilitate workarounds and resolution by the relevant Supplier and upon availability of a solution from the relevant vendor, to assist the Supplier to apply that solution. Supplier will take on responsibility only for services originating from Supplier (this includes Vendor's subcontractors) and not third party products and services. All hardware and software information and information for services relating	RFB conditions prevails

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				thereto including but not limited to pricing, performance and sizing information detailed in Vendor's materials, are provided to Supplier by such third party vendors on a reasonable efforts basis only. Such information will need to be verified with the third party vendors directly and Supplier does not commit to the accuracy of such information and will not be liable for any inaccuracy. In case of any delay or non-performance of the system/solution due to the third party component Supplier shall not be responsible or liable for any loss suffered by the Client. Client may claim damages or penalties from the OEM's as per the separate EULA terms agreed between the Client and OEM's.	
5	13 Performance Guarantee	37	Performance Security 13.3.1 The Supplier shall, within twenty-eight (28) days of the notification of Contract award, provide a security for the due performance of the Contract in the amount and currency specified in the SCC. 13.3.2 The security shall be a Purchaser guarantee in the form provided in the Sample Contractual Forms Section of the bidding documents, or it shall be in another form acceptable to the Purchaser.	We suggest the following in relation to PBG which is subject to Treasury go ahead: PBG will be aligned as per Supplier Fees which Supplier will be charging Purchaser for each phase of the project and will be limited to 5% of Supplier Fees payable for the relevant phase, i.e. for Design and Integration Phase and Operations Phase respectively.	RFB conditions prevails

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			13.3.3 The security shall automatically become null and void once all the obligations of the Supplier under the Contract have been fulfilled, including, but not limited to, any obligations during the Warranty Period and any extensions to the period. The security shall be returned to the Supplier no later than twenty-eight (28) days after its expiration. 13.3.4 Upon Operational Acceptance of the entire System, the security shall be reduced to the amount specified in the SCC, on the date of the Operational Acceptance, so that the reduced security would only cover the remaining warranty obligations of the Supplier.	For the 1st phase of Design and Integration Phase the PBG will be limited to 5% of the Supplier Fees charged for the Design and Implementation Phase only which shall remain valid only for the duration of the Design and Integration Phase. Thereafter once the Operations phase commences post completion of Design and Integration Phase, commences Supplier will replace the previous PBG submitted during the Design and Integration Phase with a new PBG which will remain valid on annual basis and shall be limited to 5% of the annual Supplier fees charged for the Operations phase. Lastly, the PBG submitted by Supplier will be limited to the Supplier Fees charged only and will not cover any third party costs which shall be covered as per the EULA and other contractual terms between the Client and OEM's.	
6	ITB 35.1	47	The total weight "X" for the Technical features in the Evaluated Bid Score is:30%, QCBS : 30 %:70%	We understand that Technical Weightage is 30% & Commercial Weightage is 70%. Please confirm.	Yes

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7	ITB 35.1	47	The total weight "X" for the Technical features in the Evaluated Bid Score is:30%, QCBS : 30 %:70%	We request you to modify the Technical weight to 70% and Financial weight to 30%	RFB conditions prevails
8	Section III, Evaluation and Qualification Criteria & SECTION II - BID DATA SHEET (BDS) ,3. Financial Part 3.2 Combined Evaluation & ITB 35.1	48	If rated criterion is used: The total weight "X" for the Technical features in the Evaluated Bid Score is:30% & QCBS: 30 %:70%	As the RFB envisages deliverables, which are complex, and high in Quality. Any Bidder who underestimates or ignorant about the efforts required may easily quote less which can be pivotal in winning this bid. Request to either increase the Technical Weightage or take the process in 2 stages, where technically qualified consortium only gets a further detailed RFB to bid on commercially.	kindly refer revised RFB document
9	General	51	19.2	Validity of Bid Security should be maximum up to 45 days post submission. Kindly confirm	Yes
10	2. Eligibility	54	Each member of the Joint Venture is supposed to meet the eligibility criteria	This requirement should be removed. At least one member meeting the requirement should be sufficient to meet individual eligibility criteria.	Kindly refer Section iii - evaluation and qualification, PointNo. 2 Qualification in the revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
11	2.3.2 Average Annual Turnover	56	Annual turnover of at least Rs. 200 Crores from IT Services (Design and development of digital platform, software application, mobile application development, cloud solution deployment supply of hardware, development of software applications, system integration, providing networking support, operational and maintenance services for IT infrastructure)) for the last fiscal year and a minimum annual turnover should not be less than Rs.200 Crores from IT Services in any of the last three audited financial years (FY 16, FY 17 and FY 18)	Annual turnover of at least Rs. 200 Crores from IT Services/**IT System Integration Services** (Design and development of digital platform/software application & mobile application development/cloud solution deployment/supply of hardware/development of software applications/IT system integration/providing networking support/operational and maintenance services for IT infrastructure)) for the last fiscal year and a minimum annual turnover should not be less than Rs.200 Crores from IT Services**/ IT System Integration in any of the last three audited financial years** (FY 16, FY 17 and FY 18)	RFB conditions prevails
12	2.3.2	56	Annual turnover of at least Rs. 200 Crores from IT Services (Design and development of digital platform, software application, mobile application development, cloud solution deployment supply of hardware, development of software applications, system integration, providing networking support, operational and maintenance services for IT infrastructure)) for the last fiscal year and a minimum annual turnover should not be less than Rs.200 Crores from IT Services in any of the last three audited financial years (FY 16, FY 17 and FY 18)	We request you to consider Rs. 80 crores Turnover from Lead Bidder or INR. 200 Crores from all the bidders together.	Kindly refer Section iii - evaluation and qualification, Point No. 2 -Qualification, Page 59 in the revised RFB document

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13	2.4.2 Specific Experience	58	The Bidder (or partner providing the System Integration component of scope of work) should have experience of at least THREE digital platform deployment Projects. The Bidder's scope of work in each of the 3 Projects should include following components: a) Design development and maintenance of digital platform b) Hosting and development of Cloud solutions c) Mobile application development and maintenance d) Big Data & Analytics e) Hardware procurement, deployment, f) Data Centre or DR Site setup or Server(s) deployment and commissioning, operation and maintenance of related infrastructure	1. The Bidder (or partner providing the System Integration component of scope of work) should have experience of at least THREE digital platform deployment Projects. The Bidder's scope of work in each of the 3 Projects should include any of the following components: a) Design development and maintenance of digital platform b) Hosting and development of Cloud solutions c) Mobile application development and maintenance d) Big Data & Analytics e) Hardware procurement, deployment, f) Data Centre or DR Site setup or Server(s) deployment and commissioning, operation and maintenance of related infrastructure 2. The experience of ongoing projects should be considered as well.	RFB conditions prevails
14	Section III, Evaluation and Qualification Criteria 2. Qualification , 2.4 Experience, 2.4.3 Joint venture Members firms experience	59	"Annual turnover of at least Rs. 5 Crores from IT Services (Design and development of digital platform, software application, mobile application development, cloud solution deployment supply of hardware, development of software applications, system integration, providing networking support, operational and maintenance services for IT infrastructure)) for the last fiscal year and a minimum annual turnover should not be less than Rs.5 Crores from IT Services in any of the last three audited financial years (FY 16, FY 17 and FY 18)"	For the benefit of MSME and Start-ups, We request you to change the Criteria to "Annual turnover of at least Rs. 5 Crores from IT Services (Design and development of digital platform, software application, mobile application development, cloud solution deployment	Kindly refer Section iii - evaluation and qualification, Point No. 2 Qualification Page no.59 in the revised RFB document

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				supply of hardware, development of software applications, system integration, providing networking support, operational and maintenance services for IT infrastructure)) for the last fiscal year and average turnover should not be less than Rs. 5 Crores from IT Services for the last three financial Years (FY 16, FY 17 and FY 18) Also Please consider last fiscal year as FY 2018-19, as the bid submission, evaluation and Opening dates are in May 2019, and hence last 3 years as FY 17, FY 18, FY 19.	
15	2.5.4 Certificate of Capability Maturity Model	60	At least one member of JV should possess CMM Level 5 certification.	CMM Level 5 certification of the subsidiary of the members of the JV should be qualified for submission.	RFB conditions prevails

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16	Section III, Evaluation and Qualification Criteria & Section I, Instructions to Bidders , 2. Qualification 2.5 OTHERS, 2.5.2 JV Agreement & 4.3	60	JV Agreement and Declaration (in case of JV) Sub-Contracting Agreement and Declaration (if applicable) & "A firm that is a Bidder (either individually or as a JV member) shall not participate as a Bidder or as JV member in more than one Bid except for permitted alternative Bids. Such participation shall result in the disqualification of all Bids in which the firm is involved. However, this does not limit the participation of a Bidder as subcontractor in another Bid or of a firm as a subcontractor in more than one Bid."	We understand a (named/declared) subcontractor may associate with more than one Bidder and Subcontractors qualification can be adopted/considered in technical scoring/qualification Criteria by bidding consortium. Please Clarify.	Kindly refer Section iii - evaluation and qualification, Point no. 2 Qualification, Page no 59 in the revised RFB document
17	Table 2 - Technical criteria and Requirements	61	Bidder's experience	1. Any of the members of the JV shall qualify to provide its documentary evidence. 2. CA certification for project completion shall be qualified for showing project experience.	1. Any Member of JV or Named sub contractor's documentary evidence may be considered 2. Completion certificate should be provided by the client

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
18	1. Bidder's Experience	62	Experience in development & maintenance of digital platforms or large integrated platform based projects in last ten (10) years from the date of submission of bid. Value of project to be at least of INR 15 crores. 3 citations (at least 1 should be successfully completed) = 5 marks, 2 citations (at least 1 should be successfully completed) = 2 marks, 1 citation (successfully completed) = 1 mark 3 additional marks if one of the above citations is in agriculture/Climate resilient and watershed management project	We request you to consider Value of project to be at least of INR 5 crores. As most of the projects were completed by NGO/ Small companies in agriculture/Climate resilient and watershed management project.	RFB conditions prevails
19	1. Bidder's Experience	62	Experience in System Integration projects (including Infrastructure procurement) during the last ten years from the date of submission of bid. Value of project to be at least of value INR 15 crores *5 citations (at least 1 should be successfully completed) = 5 marks, 3 citations (at least 1 should be successfully completed) = 3 marks, 1 citation (successfully completed) = 1 mark 2 additional marks if project implemented in agriculture domain under state or central government*	We request you to consider Value of project to be at least of INR 5 crores.	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
20	Bidder's Experience - Pg. 62	62	Agriculture experience in all the clauses	After reviewing the RFP and understanding the details of the scope, we came down to conclusion that experience asked in bidder's experience for agriculture is related to the use of Geospatial (GIS) and Remote Sensing technology or use of IoT sensors or any satellite related technology. Kindly confirm.	Experience is required as per RFB
21	Table 2 – Technical Criteria and Requirements (1. Bidder's Experience) 2. Qualification (2.1 ELIGIBILITY, 2.4 EXPERIENCE , 2.5 OTHERS)	62	Sub Contracted Company Experience	Please clarify for the mentioned sections incase of sub contracting the experience of the sub contracted company would be considered or not ?	Yes
22	1. Bidder's Experience	63	Experience of handling and delivering high value project in the agriculture / Climate resilient domain and watershed management projects Project cost more than Rs. 30 Cr = 4 marks Project cost upto Rs.15 Cr = 3 marks Project cost upto Rs. 5 Cr = 2 marks Project cost upto Rs. 2 Cr = 1 mark	We request you to consider Value of project to be at least of INR 5 crores. As most of the projects were completed by NGO/ Small companies in agriculture/Climate resilient and watershed management project.	RFB conditions prevails

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23	Section III, Evaluation and Qualification Criteria , 1.Bidders Experience, 4	63	Experience in handling agriculture / climate resilient and watershed management project based on its value Experience of handling and delivering high value project in the agriculture / Climate resilient domain and watershed management projects Project cost more than Rs. 30 Cr = 4 marks Project cost upto Rs.15 Cr = 3 marks Project cost upto Rs. 5 Cr = 2 marks Project cost upto Rs. 2 Cr = 1 mark	In case of experience in multiple projects in agriculture/climate resilient and watershed management, the value of these multiple projects will be summed up for evaluation. Please Clarify	RFB conditions prevails
24	2.3.2 Average Annual Turnover,Page 64	64	Annual turnover of at least Rs. 200 Crores from IT Services (Design and development of digital platform, software application, mobile application	Looking at the size of requirement in current scope of RFP,we request authority to modify clause as follows: "Annual turnover of at least Rs. 100 Crores from IT Services (Design and development of digital platform, software application, mobile application".	Kindly refer Section iii - evaluation and qualification, Point No. 2 Qualification page 59 in the revised RFB document
25	Page 65 - 2.3.3 Financial Resources	65	The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet the following cash-flow require	This clause need to be removed as we can not provide these details. Instead Audited Financial statement can be provided.	Kindly refer Section iii - evaluation and qualification, Point No. 2 Qualification, Page 59 in the revised RFB document
26	2.1 POC	65	The bidder must demonstrate POC of the any one of the below technology within 15 days from the date of submission of bid. The output and outcome of POC will consider for the technical evaluation purpose under Demo and Proposed solution.	Kindly confirm can we simulate the data or POC shall be done by live data?	Kindly refer Section iii - evaluation and qualification, Point No. 1.1.1 Use Case Submission, Page 54 in the revised RFB document

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27	2.1 POC	65	The bidder must demonstrate POC of the any one of the below technology within 15 days from the date of submission of bid. The output and outcome of POC will consider for the technical evaluation purpose under Demo and Proposed solution.	We request you to provide at leasat 25 days from the date of submission of bid to do the POC.	Kindly refer Section iii - evaluation and qualification, Point No. 1.1.1 Use Case Submission, Page 54 in the revised RFB document
28	Section III, Evaluation and Qualification Criteria, 2. Proposed Solution, 2.1 Proof of Concept (POC)	65	"The bidder must demonstrate POC of the any one of the below technologies within 15 days from the date of submission of bid. The output and outcome of POC will consider for the technical evaluation purpose under Demo and Proposed solution. Bidder should demonstrate minimum any one advisory and one report at village level as mentioned in Annexure: 1: Scope of Work: Clause No 4.1.10 : Sample Report by page no : 300 using the satellite data, weather data, GIS and innovative technology interventions like AI, ML and automated data processing"	As was discussed during the pre-bid meeting, live demonstration of similar system will be equally accepted from other Indian states. It was also discussed that for various advisories asked in the RFB, satellite data forms just one of the input, and other inputs like Weather stations Data, Weather Forecast, Crowd sources, Farmer/Extension officer's inputs, etc also play important role, and weightage should be given for the demonstration of these technologies as well.	Kindly refer Section iii - evaluation and qualification, Point No. 1.1.1 Use Case Submission, Page 54 in the revised RFB document
29	2.1 Proof of Concept (POC): Page No. 65	65	Bidder should demonstrate minimum any one advisory and one report at village level as mentioned in Annexure : 1	Please specify the area for which POC has to be conducted and also the Area of Interest (AOI) for POC would be provided by the Authority or the bidder has to decide.	Kindly refer Section iii - evaluation and qualification, Point No. 1.1.1 Use Case Submission, Page 54 in the revised RFB document

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30	Page 65 - 2.3.3 Financial Resources	65	The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet the following cash-flow require	This clause need to be removed as we can not provide these details. Instead Audited Financial statement can be provided.	Kindly refer Section iii - evaluation and qualification, Point No. 2 Qualification, page no. 59 in the revised RFB document
31	4	66	4. Resource Deployment Plan	Please confirm the resources required are required to be available during Implementation or Operation & Maintenance	Yes, both the phases
32	Program Manager	68	Education: Full Time MBA / MCA / M. Tech & B. Tech/B.E.	IN Resources in Education: Full Time MBA/PGDBA/PGDBM/PGDIT / MCA / M. Tech & B. Tech/B.E.	Kindly refer Section iii - evaluation and qualification, Page no. 57 in the revised RFB document
33	Agriculture domain expert	68	Education: Full time MBA/Graduate or above (i.e. PG or Doctorate) in Agriculture or allied.	Education: Full time MBA/PGDBA/PGDBM/PGDIT/Graduate or above (i.e. PG or Doctorate) in Agriculture or allied.	Kindly refer Section iii - evaluation and qualification, Page no. 57 in the revised RFB document
34	Minimum Qualification for Key Positions	68		Profile of qualified personnel from any of the members of the Joint Venture shall be accepted for the bid submission. Please confirm.	Yes

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35	4. Resource Deployment Plan, Page No.68	68	Program Manager Education: Full Time MBA / MCA / M. Tech & B. Tech/B.E. Total Experience: Should possess at least 12 years of experience in IT. Should have more than 8 years of experience of handling such large projects as a project/program manager Should have led a team of at least 25 resources Should have led at least one such project end to end i.e. from development to deployment to O&M phase Previous experience of handling large e-governance projects would be an added advantage	Program Manager Education: Full Time MBA / MCA /M.Sc./ M. Tech & B. Tech/B.E. The above changes suggested are in the educational qualification of the project manager as the resource should have masters degree which will make the qualitative manpower as required.	Kindly refer Section iii - evaluation and qualification, Page No. 57 in the revised RFB document
36	4.1.7- Mobile Application	70	Experience in development & maintenance of digital platforms or large integrated platform based projects in last ten (10) years from the date of submission of bid. Value of project to be at least of INR 15 crores.	As Work Order/PO are confidential with clients' and under NDA, is the vendor allowed to provide a signed SoW document or masked Work Order/PO ? Please suggest the alternatives in case some information needs to be hidden/masked in the Work order or Po.	In Case of NDA, Bidder should furnish signed affidavit by a person authorized by the Board of directors of company .
37	3	70	Financial Part	We understand that bidder need to quote the price exclusive of GST & other local taxes. Please confirm.	Only GST is excluded

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38	3. Financial Part, Page no. 70	70	3.1 Economic Evaluation	As per the scope satellite data processing and analysis such as total sown area, Commodity wise sown area, Crop health, yield estimates, Crop disaster report is also part of the project scope but it seems that it is not mentioned anywhere in the commercials. We would request you to add it in the commercials and edit the commercials accordingly.	This is the part of ten modules mentioned in the RFB
39	3	71	Payment Terms for C1:· Five percent (5%) of the Total Value of C1 shall be paid after submission of inception report and project plan· Five percent (5%) of the Total Value of C1 shall be paid after accepting SRS document of Applications B (Phase II)· Fifteen percent (15%) of the Total Value of C1 shall be paid after accepting UAT of Applications A (Phase I)· Fifteen percent (15%) of the Total Value of C1 shall be paid after accepting UAT of Applications B (Phase II)· Sixty percent (60%) of the Total Value of C1 shall be paid in 20 equal quarters at the rate of 3% per QGR	We request you to please modify the Payment Terms for C1 as given below: - Ten percent (10%) of the Total Value of C1 shall be paid after submission of inception report and project plan - Twenty percent (20%) of the Total Value of C1 shall be paid after accepting SRS document of Applications A (Phase I) - Ten percent (10%) of the Total Value of C1 shall be paid after accepting UAT of Applications A (Phase I) - Twenty percent (20%) of the	RFB Condition prevails

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40	3.1	71	Fifteen percent (15%) of the Total Value of C1 shall be paid after accepting UAT of Applications A (Phase I) Fifteen percent (15%) of the Total Value of C1 shall be paid after accepting UAT of Applications B (Phase II) Sixty percent (60%) of the Total Value of C1 shall be paid in 20 equal quarters at the rate of 3% per QGR	We request you to consider the payment terms as requested below: Fifteen percent (20%) of the Total Value of C1 shall be paid after accepting UAT of Applications A (Phase I) Fifteen percent (20%) of the Total Value of C1 shall be paid after accepting UAT of Applications B (Phase II) Sixty percent (50%) of the Total Value of C1 shall be paid in 20 equal quarters at the rate of 3% per QGR	RFB conditions prevails
41		72	Payment Terms for C2: · 60% of payment of total C2 value will be paid on successful implementation of IoT units on the field. · 40% of the total C2 value will be paid in 20 QGR (at the rate of 2% per quarter)	Payment Terms for C2: - 80% of payment of total C2 value will be paid on successful implementation of IoT units on the field. - 20% of the total C2 value will be paid in 20 QGR	RFB conditions prevails
42	3. Financial Part, Page no. 72	72	C2: Installation and Maintenance of IoT cost:	As per the C2 clause it is understood that IoT sensors only needs to be installed and maintained by the bidder. Procurement of the IoT sensors is not under bidder's scope. Please confirm.	Procurement of IOT sensors is the part of bidder
43	4.1.7- Mobile Application	73	The bidder must demonstrate POC of the any one of the below technology within 15 days from the date of submission of bid.	For mobile app, please confirm the scope of the PoC. Else, it will be assumed that the vendor is free to consider the scope from their side. Please confirm.	Kindly refer Section iii - evaluation and qualification, Point No. 1.1.1 Use Case Submission, Page 54 in the revised RFB document

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44	4.1.7- Mobile Application	73		What is the duration of warranty for mobile apps?	Five years from the Go Live
45	4.1.7- Mobile Application	73		Any client preference to develop a mobile app - platform based approach or tool based approach? Why?	Query is not clear
46	4.1.7- Mobile Application	73		What is the support required post go-live - L1/L2/L3	All support
47	4.1.7- Mobile Application	73		What would be the duration for the support - e.g.. 1 year, 2 year, etc.	Complete project period i.e. Go live plus 5 years
48	4.1.7- Mobile Application	73		What is the period of support (e.g.. 8x5, 24x7)	9x6
49	4.1.7- Mobile Application	73		What is the mode of support required (e.g.. On-site, off-shore, hybrid, etc.)	Off-Shore
50	4.1.7- Mobile Application	73		What is the time-zone of the support (e.g.. IST, etc.)	IST
51	Section III, Evaluation and Qualification Criteria , 3. Financial Part, 3.1 Economic Evaluation, C3: Satellite Image cost:	73		As any Bidder/Vendor will procure Satellite Image from NRSC for any Indian and Foreign satellite data, Request POCRA NPMU to procure this data and make it available to the successful bidder. Any bidder bidding will add a further sales margin on this data, which can be avoided. In this case this component can be avoided from commercial evaluation, and bidder needs to account the	RFB conditions prevails

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				processing cost of the satellite data for the given area and asked frequency during the project period.	
52	Section 3, Financial Part,Page 73	73	C3, C4 are paid after go-live. C1 - only 10% is paid before UAT of Phase 1 and 2 C2 - 60% on deployment and 40% after go-live	We request authority to modify payment terms so that there are some cmmulative payout for C3 and C4 also.	RFB conditions prevails
53	3. Financial Part, Page no. 73	73	Payment Terms for C3: Satellite Image "Payment for the satellite image will be paid on quarterly after Go Live in Four Quarters at the rate of 25% per quarters"	As per the RFP clause the Satellite Images would be procured during the implementation phase and the payment would be made after Go Live. Instead, we would request you to modify the payment terms as follows: 1) 50% payment to be done after Satellite Image is received by the bidder. 2) 50% payment to be done after UAT Testing.	RFB conditions prevails
54	3.1	75	Payment Terms for C5: Change request cost will be reimburse as per actuals on successful implementation and acceptance of change.	We request you to remove the Change Request amount from the commercial evaluation as this is part of Operation and Maintenance phase.	RFB conditions prevails

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55	Section III, Evaluation and Qualification Criteria , 3. Financial Part, 3.1 Economic Evaluation, C6: Pre-processing of Satellite or UAV data	75		Request to Separate UAV data, as its processing will be significantly different from Satellite Data processing.	RFB conditions prevails
56	3.1	76	Satellite cost is considered for 400 Sq. Km for development phase and for 2 Districts for one year after go live.	We understand that Satellite processing required for 2 district only. Please confirm.	Satellite data processing is required for the entire state of Maharashtra area as per the RFB. But the satellite data procurement is only for 2 district.
57	Financial Part	78	3.1 C1	1. Have separate payment terms for h/w, s/w and services as they are recognised differently and their timelines are different 2. Delivery (40%), installation (40%) and go-live (10%) of h/w or s/w (90% payment to be made). 3. AMC/ATS to be paid quarterly in advance	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
58	C6: Preprocessing of Satellite or UAV data :	83	Satellite data preprocessing: 100 Sq. KM area for One composite image (Change Request Cost) (Rs.) (Area)	We request you to provide more details on this	Bidder has to pre-process the satellite data as per the requirement given in RFB. Bidder has to quote the rate of pre-processing of 100sq KM composite image.
59	SECTION III - EVALUATION AND QUALIFICATI ON CRITERIA	84	3. Financial Part - "Please Note" section for C5	Could you please clarify exact meaning of below statement? 200 Hours of Man Month is kept for Change Request after the system Go Live in which will above added in the above fixed cost of RFB	The rate of 200 man months will be used for financial bid evaluation. However, the actual man month rate will be paid as per the approved change request in the project
60	Multi-Channel Service Delivery	87	Section - Multi-Channel Service Delivery -The platform should enable multi-channel delivery of services via **Web portal, mobile application, call centre, SMS, IVR and other channels** to enable inclusion and participation from varied stakeholders. The platform should enable multi-channel delivery of	Is there any requirements on the Skills & qualification for the call centre associates? Kindly provide in detail.	Bidder do not have responsibility of establishing help desk and call centre
61	Form FIN – 2.3.1 (a)	93	Must reflect the financial situation of the Bidder or member to a JV, and not sister or parent companies	We request you to consider parent company holding subsidary for financial evaluation.	Kindly refer Section iii - evaluation and qualification, Point No.2, Qualification Page no.59 in the revised RFB document
62	C2	119		We understand that In the IoT Implementation Cost Column, bidder need to quote the supply & Installation of 100 IOT units. Please confirm.	Yes

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
63	C4	121		As the cloud is required during implementation period for deployment. Hence, we understand that in the **"C4:cloud cost"** bidder need to quote the cloud for Implementation period plus 5 years. Please confirm.	Yes
64	C5	121		In C5: Bidder need to quote for per man month rate or total of 200 man - month rate. Please confirm.	Bidder has to quote for one man month rate. 200 man month will be considered for financial evaluation
65	3.3	123	Supply and Installation Cost Sub-Table [insert: identifying number]	Please elaborate this particular commercial format. As price of supply & Installation has already been provided in C1 to C6.	This table is removed. kindly refer revised RFB document
66	3.5	125	Taxes & Duties	Please confirm if Bidder need to quote the taxes items wise for C1 to C6	Bidder has to quote including all type of Taxes expect GST in table C1 to C6
67	PART 3 – CONDITIONS OF CONTRACT AND CONTRACT FORMS CONTRACT AND INTERPRETATION 3. Interpretation	144	3.6 Entire Agreement The Contract constitutes the entire agreement between the Purchaser and Supplier with respect to the subject matter of Contract and supersedes all communications, negotiations, and agreements (whether written or oral) of parties wit	**Bidder suggests that this provision be revised as under:** 3.6 Entire Agreement The Contract constitutes the entire agreement between the Purchaser and Supplier with respect to the subject matter of Contract and supersedes all communications, negotiations,	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
	Page No. 144-145 PART 3 – CONDITIONS OF CONTRACT AND CONTRACT FORMS CONTRACT AND INTERPRETATION 3. Interpretation Page No. 144-145			and agreements (whether written or oral) of parties with respect to the subject matter of the Contract made prior to the date of Contract. **Each party acknowledges that it has not relied on or been induced to enter into this Agreement by a representation or warranty other than those expressly set out in this Agreement. To the extent permitted by Applicable Law, a party is not liable to another party in contract or tort or in any other way for a representation or warranty that is not set out in this Agreement**	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
68	SUBJECT MATTER OF CONTRACT 7. Scope of the System Page No. 148	148	7.1 Unless otherwise expressly limited in the SCC or Technical Requirements, the Supplier's obligations cover the provision of all Information Technologies, Materials and other Goods as well as the performance of all Services required for the design, deve	Bidder suggests that this provision be revised as under: 7.1 Unless otherwise expressly limited in the SCC or Technical Requirements, the Supplier's obligations cover the provision of all applicable Information Technologies, Materials and other Goods as well as the performance of all Services required for the design, development, and implementation (including procurement, quality assurance, assembly, associated site preparation, Delivery, Pre-commissioning, Installation, Testing, and Commissioning) of the System, in accordance with the plans, procedures, specifications, drawings, codes, and any other documents specified in the Contract and the Agreed Project Plan.	RFB conditions prevails
69	SUBJECT MATTER OF CONTRACT 7. Scope of the System Page No. 148	148	7.2 The Supplier shall, unless specifically excluded in the Contract, perform all such work and / or supply all such items and Materials not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for	**Bidder suggests that this provision be revised as under:** 7.2 The Supplier shall, unless specifically excluded in the Contract, perform all such work and / or supply all such items and Materials not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Operational Acceptance of the System as if such work and / or items and Materials	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				were expressly mentioned in the Contract at a mutually agreed cost.	
70	8. Time for Commencement and Operational Acceptance Page No. 1488. Time for Commencement and Operational Acceptance Page No. 148	148	8.2 The Supplier shall achieve Operational Acceptance of the System (or Subsystem(s) where a separate time for Operational Acceptance of such Subsystem(s) is specified in the Contract) in accordance with the time schedule specified in the Implementation S	**Bidder suggests that this provision be revised as under: 8.2 The Supplier shall achieve Operational Acceptance of the System (or Subsystem(s) where a separate time for Operational Acceptance of such Subsystem(s) is specified in the Contract) in accordance with the time schedule specified in the Implementation Schedule and any refinements made in the Agreed Project Plan, or within such extended time to which the Supplier shall be entitled under GCC Clause 40 (Extension of Time for Achieving Operational Acceptance). The review comments shall be provided within a period of five working days from the date of delivery. All Deliverables will be deemed accepted by Purchaser on successful closure of all review comments, whereupon Purchaser shall provide the sign-off letter to SUPPLIER. However, if Purchaser does not provide any review comments within the above mentioned period of five**	Timeline of acceptance of deliverables will be discussed with successful bidder and would be a part of schedule of implementation

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				days, then notwithstanding anything contained herein, the Deliverables shall be deemed to be unconditionally and absolutely accepted by Purchaser at the end of the fifth day allotted for provision of such review comments, whether Purchaser provides such sign-off letter to SUPPLIER or not and SUPPLIER shall be entitled to receive the charges due on acceptance. The Deliverables shall also be deemed to be accepted by the Purchaser in case of commercial utilization of the Deliverables by the Purchaser. However, if Purchaser provides the review comments within the above mentioned period of five days and SUPPLIER arrives at a successful closure of review comments, then the Deliverables shall be deemed to be unconditionally and absolutely accepted by Purchaser at the time of the successful closure of the last review comment whether Purchaser provides such sign-off letter to SUPPLIER or not and SUPPLIER shall be entitled to receive the charges due on acceptance.	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				All costs and expenses of correction and resubmission of the Deliverables shall be to the account of SUPPLIER if the defects or non-conformities are due to any reasons attributable to SUPPLIER. In all other cases, SUPPLIER shall be granted additional time for completing the work to be mutually agreed to between the parties and shall also be reimbursed by Purchaser of all additional charges, costs and expenses if any incurred by complying with the requirements of this clause.	
71	9. Supplier's Responsibilities Page No. 1489. Supplier's Responsibilities Page No. 148	148	9.1 The Supplier shall conduct all activities with due care and diligence, in accordance with the Contract and with the skill and care expected of a competent provider of information technologies, information systems, support, maintenance, training, and o	**Bidder suggests that this provision be revised as under:** 9.1 The Supplier shall conduct all activities with due care and diligence, in accordance with the Contract and with the skill and care expected of a competent provider of information technologies	RFB conditions prevails

72	7. Scope of the System	148	Unless otherwise expressly limited in the SCC or Technical Requirements, the Supplier's obligations cover the provision of all Information Technologies, Materials and other Goods as well as the performance of all Services required for the design, development, and implementation (including procurement, quality assurance, assembly, associated site preparation, Delivery, Pre-commissioning, Installation, Testing, and Commissioning) of the System, in accordance with the plans, procedures, specifications, drawings, codes, and any other documents specified in the Contract and the Agreed Project Plan. 7.2 The Supplier shall, unless specifically excluded in the Contract, perform all such work and / or supply all such items and Materials not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Operational Acceptance of the System as if such work and / or items and Materials were expressly mentioned in the Contract. 7.3 The Supplier's obligations (if any) to provide Goods and Services as implied by the Recurrent Cost tables of the Supplier's bid, such as consumables, spare parts, and technical services (e.g., maintenance, technical assistance, and operational support), are as specified in the SCC, including the relevant terms, characteristics, and timings.	It is clarified that Supplier has alliance relationships with third party product and services vendors. As part of many such relationships, Supplier is able to resell certain products and services and/or may receive compensation from vendors in the form of fees or other benefits in connection with the marketing, technical and other assistance provided by Vendor. Notwithstanding anything contained in the RFP, the following terms will apply with respect to the Third Party Products/hardware/software/solution and/or Services ("Third Party Products and Services"): Supplier will supply the Third Party Products under third party vendor's terms. Any liability, responsibility and warranty related to such Third Party Products and Services shall lie solely with third party vendor. Vendor's separate standard Re-Sale Agreement will govern client's purchase from Supplier of Third Party Products and Services. With respect to any defect or functionality issues in such Third Party Products, Vendor's sole responsibility and liability would be to track and report the issues to the relevant vendor, to facilitate workarounds and resolution by the relevant Supplier and upon availability of a solution from the relevant vendor, to assist the Supplier to apply that solution. Supplier will take on responsibility only for services originating from	RFB conditions prevails

| | | | | Supplier (this includes Vendor's subcontractors) and not third party products and services. All hardware and software information and information for services relating thereto including but not limited to pricing, performance and sizing information detailed in Vendor's materials, are provided to Supplier by such third party vendors on a reasonable efforts basis only. Such information will need to be verified with the third party vendors directly and Supplier does not commit to the accuracy of such information and will not be liable for any inaccuracy. In case of any delay or non-performance of the system/solution due to the third party component Supplier shall not be responsible or liable for any loss suffered by the Client. Client may claim damages or penalties from the OEM's as per the separate EULA terms agreed between the Client and OEM's.

It is further clarified that any Supplier owned software, application, platform or cloud shall be provided to the Client for Client use or access as per Supplier licensing terms only, which shall be executed separately with the Client. | |

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
73	9.5 Supplier's Responsibility	148	The Supplier shall comply with all laws in force in the Purchaser's Country. The laws will include all national, provincial, municipal, or other laws that affect the performance of the Contract and are binding upon the Supplier. The Supplier shall indemnify and hold harmless the Purchaser from and against any and all liabilities, damages, claims, fines, penalties, and expenses of whatever nature arising or resulting from the violation of such laws by the Supplier or its personnel, including the Subcontractors and their personnel, but without prejudice to GCC Clause 10.1. The Supplier shall not indemnify the Purchaser to the extent that such liability, damage, claims, fines, penalties, and expenses were caused or contributed to by a fault of the Purchaser.	We wish to clarify that the Supplier shall only be responsible for compliance with laws that are applicable on the Supplier as a provider of services (Supplier Applicable Laws). Vendor's obligation to obtain any consent, approvals etc. during the performances of the services shall also be limited to only Supplier Applicable Laws. Further, we do not foresee any indemnity claim arising under this clause against the Purchaser, hence request deletion	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
74	**9. Supplier's Responsibilities** Page No. 1499. Supplier's Responsibilities Page No. 149	149	9.5 The Supplier shall comply with all laws in force in the Purchaser's Country. The laws will include all national, provincial, municipal, or other laws that affect the performance of the Contract and are binding upon the Supplier. The Supplier shall ind	**Bidder suggests that this provision be revised as under:** 9.5 The Supplier shall comply with all applicable laws in force in the Purchaser's Country. The laws will include all national, provincial, municipal, or other laws that affect the performanceof the Contract and are binding upon the Supplier. The Supplier shall indemnify and hold harmless the Purchaser from and against any and all liabilities, damages, claims, fines, penalties, and expenses of whatever nature arising or resulting from the violation of such laws by the Supplier or its personnel, including the Subcontractors and their personnel, but without prejudice to GCC Clause 10.1. The Supplier shall not indemnify the Purchaser to the extent that such liability, damage, claims, fines, penalties, and expenses were caused or contributed to by a fault of the Purchaser.	RFB conditions prevails
75	Activities	150	E- iv, v	1. Define objective acceptance procedure clearly (what, how and by when?)	Clearly defined in GCC clause d (iv) & (v)
76	**9. Supplier's Responsibilities** Page No. 1509.	150	9.8 Pursuant to paragraph 2.2 e. of Appendix B to the General Conditions the Supplier shall permit and shall cause its subcontractors and subconsultants to	**Bidder suggests that this provision be revised as under:** 9.8 Pursuant to paragraph 2.2 e. of Appendix B to the General	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
	Supplier's Responsibilities Page No. 150		permit, the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and r	Conditions the Supplier shall permit and shall cause its subcontractors and subconsultants to permit, upon advance written notice, , the Bank and/or persons appointed by the Bank to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Bank if requested by the Bank subject to confidentiality provisions of the Supplier. The Supplier's and its Subcontractors' and subconsultants' attention is drawn to Sub-Clause 6.1 which provides, inter alia, that acts intended to materially impede the exercise of the Bank's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Bank's prevailing sanctions procedures). Such audit shall be at the cost of Cummins, to be conducted during normal working hours of the Contractor and Cummins shall ensure that the auditors appointed are not competitors of the Contractor	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
77	PAYMENT 11. Contract Price 12. Terms of Payment Page No. 152 PAYMENT 11. Contract Price 12. Terms of Payment Page No. 152	152	12.2 No payment made by the Purchaser herein shall be deemed to constitute acceptance by the Purchaser of the System or any Subsystem(s).	Bidder suggests the below sub-clause be deleted as it contradicts with sub-clause 12.1. - Bidder suggests the below sub-clause be deleted as it contradicts with sub-clause 12.1. -	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
78	C. PAYMENT 11. Contract Price 12. Terms of Payment Page No. 152 C. PAYMENT 11. Contract Price 12. Terms of Payment Page No. 152	152	12.3 Payments shall be made promptly by the Purchaser, but in no case later than forty five (45) days after submission of a valid invoice by the Supplier. In the event that the Purchaser fails to make any payment by its respective due date or within the p	**Bidder suggests that this provision be revised as under:** 12.3 Payments shall be made promptly by the Purchaser, but in no case later than forty five (45) thirty (30) days after submission of a valid invoice by the Supplier. In the event that the Purchaser fails to make any payment by its respective due date or within the period set forth in the Contract, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate(s) of 2% per month for every month of default, from Purchaser calculated from the date the payment became due until it is realised in full with interest. Without prejudice to the other rights available, SUPPLIER also reserves the right to withhold the provision of services till such time all the payments due to it under this Agreement have been made by the Purchaser and any such withholding by SUPPLIER shall not be treated as breach by it of the provisions of this Agreement. The rates payable by Purchaser to SUPPLIER under this Agreement is exclusive of any and all GST, tax, cess, duty or any other levy	1. For Clause number 12.3 RFB conditions prevails 2. For supplier interest kindly refer revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				(excluding any income tax) by whatsoever name called. If any and all such GST, sales tax, service tax or any other tax, levy or duty, by whatever name called without any limitation, is attracted to this transaction, then, SUPPLIER shall be reimbursed of the payment so made by the Purchaser, if required to be made so by SUPPLIER. Such reimbursement shall be inclusive of any interest or any other sum, or both, paid by SUPPLIER as part and incidence thereof. The liability of Purchaser under this clause, shall not be coterminous with this Agreement and shall continue at all times the payment is so required to be made by SUPPLIER at any time. ~~specified in the SCC for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.~~	
79	12 Terms of Payment	152		What recourse will Supplier have in case of delayed payment by the Purchaser. Will the Supplier be allowed to charge late payment fees.	Kindly refer revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
80	**D. INTELLECTUAL PROPERTY** Page No. 155D. INTELLECTUAL PROPERTY Page No. 155	155	The proposed PoCRA application/ solution, including its source code, process documentation, system flow diagrams and any relevant IT information designed, used or developed during the contract period will completely be owned by PoCRA will remain exclusive	**Bidder suggests that this provision be revised as under:** The proposed PoCRA application/ solution, including its source code, process documentation, system flow diagrams and any relevant IT information designed, used or developed specifically for PoCRA	Supplier will continue to own the IP for the pre-existing platform. Any licenses for 3rd party software used in the platform shall be assigned to PoCRA upon system acceptance for Phase 1. Executable code / object code for such 3rd party licenses shall be provided to PoCRA upon Go Live and upon every subsequent system upgrade of these 3rd party licenses. Source code for any algorithms custom developed for PoCRA shall be provided to PoCRA upon Go Live. Any pre-existing platform source code shall be provided to PoCRA in an escrow arrangement at Go Live. Supplier shall provide evidence of such escrow having been executed to PoCRA's benefit as a pre-condition to the Go Live milestone being certified. Such escrow rights shall be exercised by PoCRA only upon Bankruptcy or Liquidation of the Supplier, or on account of Termination of Contract for Cause.

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
81	16. Software License Agreement	156		It is further clarified that any Supplier owned software, application, platform or cloud shall be provided to the Client for Client use or access as per Supplier licensing terms only, which shall be executed separately with the Client Notwithstanding anything contained in the RFP, the following terms will apply with respect to the Third Party Products/hardware/software/solution and/or Services ("Third Party Products and Services"): Supplier will supply the Third Party Products under third party vendor's terms. Any liability, responsibility and warranty related to such Third Party Products and Services shall lie solely with third party vendor. Vendor's separate standard Re-Sale Agreement will govern client's purchase from Supplier of Third Party Products and Services. With respect to any defect or functionality issues in such Third Party Products, Vendor's sole responsibility and liability would be to track and report the issues to the relevant vendor, to facilitate workarounds and resolution by the relevant Supplier and upon availability of a solution from the relevant vendor, to assist the Supplier to apply that solution.	Supplier will continue to own the IP for the pre-existing platform. Any licenses for 3rd party software used in the platform shall be assigned to PoCRA upon system acceptance for Phase 1. Executable code / object code for such 3rd party licenses shall be provided to PoCRA upon Go Live and upon every subsequent system upgrade of these 3rd party licenses. Source code for any algorithms custom developed for PoCRA shall be provided to PoCRA upon Go Live. Any pre-existing platform source code shall be provided to PoCRA in an escrow arrangement at Go Live. Supplier shall provide evidence of such escrow having been executed to PoCRA's benefit as a pre-condition to the Go Live milestone being certified. Such escrow rights shall be exercised by PoCRA only upon Bankruptcy or Liquidation of the Supplier, or on account of Termination of Contract for Cause.

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				Supplier will take on responsibility only for services originating from Supplier (this includes Vendor's subcontractors) and not third party products and services. All hardware and software information and information for services relating thereto including but not limited to pricing, performance and sizing information detailed in Vendor's materials, are provided to Supplier by such third party vendors on a reasonable efforts basis only. Such information will need to be verified with the third party vendors directly and Supplier does not commit to the accuracy of such information and will not be liable for any inaccuracy. In case of any delay or non-performance of the system/solution due to the third party component Supplier shall not be responsible or liable for any loss suffered by the Client. Client may claim damages or penalties from the OEM's as per the separate EULA terms agreed between the Client and OEM's.	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
82	**D. INTELLECTUAL PROPERTY 17. Confidential Information Page No. 158** D. INTELLECTUAL PROPERTY 17. Confidential Information Page No. 158	158	17.5 The obligation of a party under GCC Clauses 17.1 through 17.4 above, however, shall not apply to that information which: (a) now or hereafter enters the public domain through no fault of the Receiving Party; (b) can be proven to have been possess	Bidder suggests the below sub-clauses be revised as under; 17.5 The obligation of a party under GCC Clauses 17.1 through 17.4 above, however, shall not apply to that information which: (a) now or hereafter enters the public domain through no fault of the Receiving Party; (b) can be proven to have been possessed by the Receiving Party at the time of disclosure and that was not previously obtained, directly or indirectly, from the Disclosing Party; (c) otherwise lawfully becomes available to the Receiving Party from a third party that has no obligation of confidentiality or. who the receiving party does not know to have violated , or to have obtained such information in violation of any obligation to the disclosing party with respect to such information, who does not require the receiving party to refrain from disclosing such information and who has the right to disclose it, without the obligation to keep such information confidential; d) independently developed by or for the receiving party without the use of confidential Information and without the participation of	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				individuals who have had access to confidential information; e) required to be disclosed by the receiving party under the compulsion of law, or by order of any court or government or regulatory body to whose supervisory authority the receiving party is subject; provided that, in any such event, the receiving party shall give the disclosing party notice in writing as soon as practicable (which shall, subject to the applicable law, be prior written notice where possible and not later than 30 days after the disclosure) of any disclosure, and the receiving party shall use its best effort to obtain assurance that the disclosed information will be accorded confidential treatment.	
83	General Conditions of Contract	160	12.3 Terms of Payment	Purchaser fails to make any payment by its respective due date or within the period set forth in the Contract, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at **the rate(s)**?We request 1% interest on delayed payments to be provisioned	Please refer clause GCC 12.3, Page no. 428 in the Revised RFB document
84	12. Terms of Payment / Pg 160	160	12.3 Payments shall be made promptly by the Purchaser, but in no case later than forty five (45) days after submission of a valid invoice by the Supplier.	Kindly modify credit period to 30 days.	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
85	12. Terms of Payment / Pg 160	160	12.3 Payments shall be made promptly by the Purchaser, but in no case later than forty five (45) days after submission of a valid invoice by the Supplier.	Kindly add - Payment Delayed beyond agreed period of credit will be penalised @ 2% per month or part thereof.	Please refer clause GCC 12.3, Page no. 428 in the Revised RFB document
86	13. Securities / Pg 161	161	13.2.1 The Supplier shall provide within twenty-eight (28) days of the notification of Contract award an Advance Payment Security in the amount and currency of the Advance Paymen	Will the supplier has the right to opt out from advance payment and submission of advance Security?	No
87	D. INTELLECTUAL PROPERTY	163	The proposed PoCRA application/ solution, including its source code, process documentation, system flow diagrams and any relevant IT information designed, used or developed during the contract period will completely be owned by PoCRA will remain exclusive	Incase if Bidder proposes its prexisting solution, then request you to kindly modify the clause that IPR of the PreExisting solution will remain with Bidder and its customized source code can be provided to PoCra. Please confirm	Supplier will continue to own the IP for the pre-existing platform. Any licenses for 3rd party software used in the platform shall be assigned to PoCRA upon system acceptance for Phase 1. Executable code / object code for such 3rd party licenses shall be provided to PoCRA upon Go Live and upon every subsequent system upgrade of these 3rd party licenses. Source code for any algorithms custom developed for PoCRA shall be provided to PoCRA upon Go Live. Any pre-existing platform source code shall be provided to PoCRA in an escrow arrangement at Go Live. Supplier shall provide evidence of such escrow having been executed to PoCRA's benefit as a pre-condition to the Go Live milestone being certified. Such escrow rights shall be exercised by PoCRA only upon Bankruptcy or Liquidation of the Supplier, or on account of Termination of Contract for Cause.

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
88	**23. Product Upgrades** Page No. 16823. Product Upgrades Page No. 168	168	23.1 At any point during performance of the Contract, should technological advances be introduced by the Supplier for Information Technologies originally offered by the Supplier in its bid and still to be delivered, the Supplier shall be obligated to offe	Bidder suggests the clause be revised as under; 23.1 At any point during performance of the Contract, should technological advances be introduced by the Supplier for Information Technologies originally offered by the Supplier in its bid and still to be delivered, the Supplier shall be obligated to offer to the Purchaser the latest versions of the available Information Technologies having equal or better performance or functionality at **mutually agreed** ~~the same or lesser unit prices, pursuant to GCC Clause 39 (Changes to the System).~~ 23.2 At any point during performance of the Contract, for Information Technologies still to be delivered, the Supplier will also pass on to the Purchaser any cost reductions/increase and additional and/or improved support and facilities that it offers to other clients of the Supplier in the Purchaser's Country, pursuant to GCC Clause 39 (Changes to the System).	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
89	25 Inspection's & Tests	169		As the goods (including hardware and software) would be provided by the designated 3rd party, inspection of goods or dispatch of goods would be conducted in line with the terms agreed between the Purchaser and the third party service provider supplying the said hardware/software. Any inspection of the goods should be as per the acceptable process of the OEM and will at the cost and expense of the Purchaser. The Supplier will not liable for any cost or warranty non-fulfillment by any third party on materials supplied by them in any case. Please clarify.	RFB conditions prevails
90	**27. Commissioning and Operational Acceptance** Page No. 17027. Commissioning and Operational Acceptance Page No. 170	170		Bidder refer deviations suggested in Clause 8, Page No. 148	Deviations are not allowed

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
91	28.2	174	Unless otherwise specified in the SCC, if the Supplier fails to supply, install, commission, and achieve Operational Acceptance of the System (or Subsystems pursuant to the SCC for GCC Clause 27.2.1) within the time for achieving Operational Acceptance specified in the Implementation Schedule or the Agreed Project Plan, or any extension of the time for achieving Operational Acceptance previously granted under GCC Clause 40 (Extension of Time for Achieving Operational Acceptance), the Supplier shall pay to the Purchaser liquidated damages at the rate of one half of one percent per week as a percentage of the Contract Price (exclusive of Recurrent Costs if any), or the relevant part of the Contract Price if a Subsystem has not achieved Operational Acceptance. The aggregate amount of such liquidated damages shall in no event exceed the amount of ten (10) percent of the Contract Price (exclusive of Recurrent Costs if any). Once the Maximum is reached, the Purchaser may consider termination of the Contract, pursuant to GCC Clause 41.2.2.	**TechM's proposed change Fixed Fee** – 1% per week of the delayed Deliverable capped at 10% of the monthly invoice of the applicable purchase order/SOW (Presuming it's a Fixed Fee work Contract) -Payable only if the delay is solely attributable to TechM -Sole remedy for delay	RFB conditions prevails
92	28. 2 Liquidated Damages	174	Liquidated Damages	We understand that liquidated damages at the rate of 0.5% per week of only the contract value of the subsystem which has not achieved operational acceptance as per RFP.	It is for the TCV Kindly refer TCV in the Revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
93	**F. GUARANTEE S AND LIABILITIES 28. Operational Acceptance Time Guarantee** F. GUARANTEE S AND LIABILITIES 28. Operational Acceptance Time Guarantee	174	F. GUARANTEES AND LIABILITIES 28. Operational Acceptance Time Guarantee 28.2 Unless otherwise specified in the SCC, if the Supplier fails to supply, install, commission, and achieve Operational Acceptance of the System (or Subsystems pursuant to	Bidder suggests the clause be revised as under; F. ~~GUARANTEES~~ WARRANTIES AND LIABILITIES 28. Operational Acceptance Time ~~GUARANTEES~~ Warranty 28.2 Unless otherwise specified in the SCC, if the Supplier fails to supply, install, commission, and achieve Operational Acceptance of the System (or Subsystems pursuant to the SCC for GCC Clause 27.2.1) within the time for achieving Operational Acceptance specified in the Implementation Schedule or the Agreed Project Plan, or any extension of the time for achieving Operational Acceptance previously granted under GCC Clause 40 (Extension of Time for Achieving Operational Acceptance), the Supplier shall pay to the Purchaser liquidated damages at the rate of one half of one percent per week as a percentage of the ~~Contract~~ Price of affected deliverables (~~exclusive~~ inclusive of Recurrent Costs if any), ~~or the relevant part of the Contract Price if a Subsystem has not achieved Operational Acceptance.~~ The aggregate amount of such liquidated damages shall in no event exceed	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				the amount of ten five (~~10~~ 05) percent of the ~~Contract~~ Price of affected deliverables (~~exclusive~~ inclusive of Recurrent Costs if any). Once the Maximum is reached, the Purchaser may consider termination of the Contract, pursuant to GCC Clause 41.2.2.	

94	28.2 Operational Acceptance time Guarantee	174	Unless otherwise specified in the SCC, if the Supplier fails to supply, install, commission, and achieve Operational Acceptance of the System (or Subsystems pursuant to the SCC for GCC Clause 27.2.1) within the time for achieving Operational Acceptance specified in the Implementation Schedule or the Agreed Project Plan, or any extension of the time for achieving Operational Acceptance previously granted under GCC Clause 40 (Extension of Time for Achieving Operational Acceptance), the Supplier shall pay to the Purchaser liquidated damages at the rate of one half of one percent per week as a percentage of the Contract Price (exclusive of Recurrent Costs if any), or the relevant part of the Contract Price if a Subsystem has not achieved Operational Acceptance. The aggregate amount of such liquidated damages shall in no event exceed the amount of ten (10) percent of the Contract Price (exclusive of Recurrent Costs if any). Once the Maximum is reached, the Purchaser may consider termination of the Contract, pursuant to GCC Clause 41.2.2. 28.3 Unless otherwise specified in the SCC, liquidated damages payable under GCC Clause 28.2 shall apply only to the failure to achieve Operational Acceptance of the System (and Subsystems) as specified in the Implementation Schedule and/or Agreed Project Plan. This Clause 28.3 shall not limit, however, any other rights or remedies the Purchaser may have under the Contract for other delays.	The Supplier agrees to the impositions of liquidated damages in principal in the event of delays, however, we wish to clarify that the following shall be applicable with respect to such LDs:- (i) Liquidated damages to be the sole and exclusive remedy of the Purchaser against all delays; (ii) Such liquidated damages shall only be imposed if the delays can be solely attributable to the acts of the vendor; (iii) the maximum labiality of the Supplier with respect to all LD or Penalty mentioned under this Agreement in aggregate to be 5% of the cost of activity delayed; (iv) Liquidated damages shall be counted towards the overall liability of the Supplier while computing the overall liability of the Supplier during each phase; (v) we should have an earn back provision incase we are able to meet the overall timelines, in which event we shall be paid back the Liquidated Damages which has been levied on us till that time; (vi) we also like to have a provision for incentives where we are paid incentive payments in case we are able to complete the work ahead of the timelines scheduled.	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
95	**29. Defect Liability** Page No. 17529. Defect Liability Page No. 175	175	29.6 The Supplier shall not be responsible for the repair, replacement, or making good of any defect, or of any damage to the System arising out of or resulting from any of the following causes: (a) improper operation or maintenance of the System by the	Bidder suggests the below sub-clause be revised as; 29.6 The Supplier shall not be responsible for the repair, replacement, or making good of any defect, or of any damage to the System arising out of or resulting from any of the following causes: (a) improper operation or maintenance of the System by the Purchaser; (b) normal wear and tear; (c) use of the System with items not supplied by the Supplier, unless otherwise identified in the Technical Requirements, or approved by the Supplier; or (d) modifications made to the System by the Purchaser, or a third party, not approved by the Supplier. (e) use of the Deliverables on any environment (hardware or software) other than the environment recommended or approved by Supplier. In case of breach of this warranty, Purchaser's exclusive remedy will be to obtain at the option SUPPLIER (1) the re-performance of the service or the correction or replacement of the affected Deliverable that provides substantially similar	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				functionality or (2) if both parties mutually determines that such remedies are not practicable, a refund of the project fees allocable to that portion of the Deliverable will be due to Purchaser if already paid by Purchaser. (d) THE WARRANTIES PROVIDED HEREIN ABOVE BY SUPPLIER ARE IN LIEU OF ALL OTHER WARRANTIES, BOTH EXPRESS AND IMPLIED, AND ALL OTHER WARRANTIES, INCLUDING WITHOUT LIMITATION THAT OF MERCHANTABILITY OR FITNESS FOR INTENDED PURPOSE IS SPECIFICALLY DISCLAIMED BY SUPPLIER. Notwithstanding anything contained in this Agreement, with respect to any third party software or component including equipments (irrespective of whether procured by SUPPLIER or by Purchaser), the warranties, representations, indemnities and other license terms and conditions provided by the concerned third party will apply.	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
96	**30. Functional Guarantees** Page No. 17730. Functional Guarantees Page No. 177	177	30. Functional Guarantees	Bidder suggests the clause be revised as under; **30. Functional Guartentees Warranties Bidder refers to deviations suggested in clause 28 –Defect Liability to be applied herein.**	RFB conditions prevails
97	**32. Intellectual Property Rights Indemnity** Page No. 178	178	32.4 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Clause 32.1, the Purchaser shall promptly give the Supplier notice of such proceedings or claims, and the Supplier may at its own	Bidder suggests the clause be modified as under; 32.4 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Clause 32.1, the Purchaser shall promptly give the Supplier notice of such proceedings or claims, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim. If the Supplier fails to notify the Purchaser within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its **own cost** and behalf. Unless the Supplier has so failed to notify the Purchaser within the twenty-eight (28) days, the Purchaser shall make no admission	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				that may be prejudicial to the defense of any such proceedings or claim. The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing. Bidder suggests below clause be added to this clause; **If any of the Deliverables is held or is believed by SUPPLIER to infringe, SUPPLIER shall have the option, at its expense, to (i) modify the Deliverables so as to make it non-infringing, (ii) obtain for Purchaser a license to continue using the Deliverables, or (iii) terminate the license for the infringing part of the Deliverables and refund a pro rata portion of the fees paid for that portion of Deliverables, subject to straight line depreciation over a 5 year period. This clause provides for SUPPLIER's entire liability and Purchaser's exclusive remedy for claims of infringement of intellectual property rights related to the Deliverables.**	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
98	15. Intellectual Property Rights	178	The proposed PoCRA application/ solution, including its source code, process documentation, system flow diagrams and any relevant IT information designed, used or developed during the contract period will completely be owned by PoCRA will remain exclusively with PoCRA only. The source code of the customized portion alone may be supplied. • All types of Licenses. It is a mandatory requirement that any licenses needed for successful design, development, implementation and operations of the PoCRA application must be perpetual licenses and procured in the name of the government / PoCRA, all the license cost will be borne by the Bidder/JV during the project Intellectual Property Rights. • All types of Licenses. It is a mandatory requirement that any licenses needed for successful design, development, implementation and operations of the PoCRA application must be perpetual licenses and procured in the name of the government / PoCRA. • At no point during the entire contract duration and after, the Bidder/JV shall claim right on any 'Intellectual Property'. Also, since the department will hold the complete rights of the IPRs, the Bidder/JV must not use any of the IPRs in any of the projects other than that of PoCRA automation project, without written approval from the department.	We propose the below for Supplier Owned IPR : Bidder proposes the following language governing intellectual property: " Upon full and final payment, Client shall have a perpetual, nontransferable, non-exclusive paid-up right and license for purposes of its internal business to use, copy, modify and prepare derivative works of the Deliverables developed in the course of the Services hereunder, subject to any restrictions of any third-party materials embodied in the Deliverables and disclosed to Client. All other rights in the Deliverables and related intellectual property rights shall be the sole and exclusive property of Bidder and/or are hereby assigned to Bidder. Subject to obligations of confidentiality, each party shall be free to use the concepts, techniques and know-how used and developed on the Project. In any event, Bidder shall continue to be free to perform similar services and develop Deliverables that may be similar or which may be competitive with those produced hereunder for itself or its other clients using its general knowledge,	Supplier will continue to own the IP for the pre-existing platform. Any licenses for 3rd party software used in the platform shall be assigned to PoCRA upon system acceptance for Phase 1. Executable code / object code for such 3rd party licenses shall be provided to PoCRA upon Go Live and upon every subsequent system upgrade of these 3rd party licenses. Source code for any algorithms custom developed for PoCRA shall be provided to PoCRA upon Go Live. Any pre-existing platform source code shall be provided to PoCRA in an escrow arrangement at Go Live. Supplier shall provide evidence of such escrow having been executed to PoCRA's benefit as a pre-condition to the Go Live milestone being certified. Such escrow rights shall be exercised by PoCRA only upon Bankruptcy or Liquidation of the Supplier, or on account of Termination of Contract for Cause.

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
			• In case the Bidder/JV wishes to utilize the domain knowledge, solution design, expertise, software application, etc. anywhere else, they will have to pay "Royalty" to the department. The terms & conditions of the "Royalty" as well as the percentage in financial terms would be at the sole discretion of the department. Any deviation from the above will attract financial penalty as well as legal action, as deemed necessary. Copyright The Intellectual Property Rights in all Standard Software and Standard Materials shall remain vested in the owner of such rights. 15.2 The Purchaser agrees to restrict use, copying, or duplication of the Standard Software and Standard Materials in accordance with GCC Clause 16, except that additional copies of Standard Materials may be made by the Purchaser for use within the scope of the project of which the System is a part, in the event that the Supplier does not deliver copies within thirty (30) days from receipt of a request for such Standard Materials. 15.3 The Purchaser's contractual rights to use the Standard Software or elements of the Standard Software may not be assigned, licensed, or otherwise transferred voluntarily except in accordance with the relevant license agreement or unless otherwise specified in the SCC to a legally	skills and experience that are acquired or used in the course of providing the Services". For all third party IPR, Supplier will only be able to assign the rights it receives from such parties	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
			constituted successor organization (e.g., a reorganization of a public entity formally authorized by the government or through a merger or acquisition of a private entity). 15.4 Unless otherwise specified in the SCC, the Intellectual Property Rights in all Custom Software and Custom Materials specified in Appendices 4 and 5 of the Contract Agreement (if any) shall, at the date of this Contract or on creation of the rights (if later than the date of this Contract), vest in the Purchaser. The Supplier shall do and execute or arrange for the doing and executing of each necessary act, document, and thing that the Purchaser may consider necessary or desirable to perfect the right, title, and interest of the Purchaser in and to those rights. In respect of such Custom Software and Custom Materials, the Supplier shall ensure that the holder of a moral right in such an item does not assert it, and the Supplier shall, if requested to do so by the Purchaser and where permitted by applicable law, ensure that the holder of such a moral right waives it. 15.5 Unless otherwise specified in the SCC, escrow arrangements shall NOT be required.		

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
99	31. Intellectual Property Rights	178	The Supplier hereby represents and warrants that: (a) the System as supplied, installed, tested, and accepted; (b) use of the System in accordance with the Contract; and (c) copying of the Software and Materials provided to the Purchaser in accordance with the Contract do not and will not infringe any Intellectual Property Rights held by any third party and that it has all necessary rights or at its sole expense shall have secured in writing all transfers of rights and other consents necessary to make the assignments, licenses, and other transfers of Intellectual Property Rights and the warranties set forth in the Contract, and for the Purchaser to own or exercise all Intellectual Property Rights as provided in the Contract. Without limitation, the Supplier shall secure all necessary written agreements, consents, and transfers of rights from its employees and other persons or entities whose services are used for development of the System.	We request deletion of this clause. We agree to provide indemnity for third party infringement but will not be able to provide warranty for the same.	Supplier will continue to own the IP for the pre-existing platform. Any licenses for 3rd party software used in the platform shall be assigned to PoCRA upon system acceptance for Phase 1. Executable code / object code for such 3rd party licenses shall be provided to PoCRA upon Go Live and upon every subsequent system upgrade of these 3rd party licenses. Source code for any algorithms custom developed for PoCRA shall be provided to PoCRA upon Go Live. Any pre-existing platform source code shall be provided to PoCRA in an escrow arrangement at Go Live. Supplier shall provide evidence of such escrow having been executed to PoCRA's benefit as a pre-condition to the Go Live milestone being certified. Such escrow rights shall be exercised by PoCRA only upon Bankruptcy or Liquidation of the Supplier, or on account of Termination of Contract for Cause.

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
100	32 Intellectual property Indemnity	178	Supplier shall indemnify, protect and save the Purchaser against all claims, losses, costs, damages, expenses, action, suits and other proceedings, resulting from infringement of any patent, trademarks, copyrights etc. or such other statutory infringements under any laws including the Copyright Act, 1987 in respect of solution implemented by them in the Purchaser from whatsoever source, provided the Purchaser notifies the Supplier in writing as soon as practicable when the Purchaser becomes aware of the claim. However, (i) the Supplier has sole control of the defense and all related settlement negotiations (ii) the Purchaser provides the Supplier with the assistance, information and authority reasonably necessary to perform the above and (iii) the Purchaser does not make any statements or comments or representations about the claim without the prior written consent of the Vendor, except where the Purchaser is required by any authority/regulator to make a comment/statement/representation.	We suggest removing the word "patent" from the clause. Also, we wish to clarify that any indemnity provided under this clause or anywhere else in the RFP shall only be limited for third party claims and for Supplier's portion of the service. For any claim related to third party vendor, the same shall have to dealt with that particular vendor. Supplier can, however, asset the purchaser in the same.	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
101	**33. Limitation of Liability** Page No. 180	180	33.1 Provided the following does not exclude or limit any liabilities of either party in ways not permitted by applicable law: (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or conseque	**Bidder suggests the clause be revised as under;** 33.1 Provided the following does not exclude or limit any liabilities of either party in ways not permitted by applicable law: (a) the Supplier shall not be liable to the Purchaser, 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, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total ~~Contract~~ Price,**actually received by Supplier from the Purchaser for the Service that gives rise to such liability during the twelve month period immediately preceding such claim;** provided that this limitation shall not apply to any obligation of the ~~Supplier~~ **parties** to indemnify ~~the Purchaser~~ **each other** with respect to intellectual property rights infringement **Further, BIDDER shall not be liable or responsible**	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				for any delay or failure to perform or failure of the services or the Deliverable under this Agreement to the extent that such delay or failure has arisen as a result of any delay or failure by Purchaser or its employees or agents to perform any of its duties and obligations as set out in this Agreement. In the event that BIDDER is delayed or prevented from performing its obligations due to such failure or delay on the part of Purchaser, BIDDER shall be allowed an additional period of time to perform its obligations and unless otherwise agreed the additional period shall be equal to the amount of time for which BIDDER is delayed or prevented from performing its obligations due to such failure or delay on the part of Purchaser. BIDDER shall be entitled to invoice Purchaser for BIDDER incremental costs incurred (over and above the charges) as a result of such failure or delay on the part of Purchaser.	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
102	33.1 (b)	180	the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Supplier to indemnify the Purchaser with respect to intellectual property rights infringement.	**TechM's proposed change** - Direct Damages only -Maximum of up to 6 months value of the SOW -Cap include breach of warranty	RFB condition prevails
103	33 Limitation of liability	180	Provided the following does not exclude or limit any liabilities of either party in ways not permitted by applicable law: (a) the Supplier shall not be liable to the Purchaser, 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, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation deemed/treated as non-delivery thereby excluding the Purchaser from all payment obligations under the terms of this contract. shall not apply to any obligation of the Supplier to indemnify the Purchaser with respect to intellectual property rights infringement.	We request deletion of any exception from the indirect and consequential damages. Those are remote damages and should not any exclusions.	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
104	33 Limitation of liability	180	Provided the following does not exclude or limit any liabilities of either party in ways not permitted by applicable law: (a) the Supplier shall not be liable to the Purchaser, 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, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation deemed/treated as non-delivery thereby excluding the Purchaser from all payment obligations under the terms of this contract. shall not apply to any obligation of the Supplier to indemnify the Purchaser with respect to intellectual property rights infringement.	We request deletion of any exception from the indirect and consequential damages. Those are remote damages and should not any exclusions.	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
105	**36. Loss of or Damage to Property; Accident or Injury to Workers; Indemnification** Page No. 182	182	36.2 Subject to GCC Clause 36.3, the Supplier shall indemnify and hold harmless the Purchaser and its employees and officers from and against any and all losses, liabilities and costs (including losses, liabilities, and costs incurred in defending a claim	**Bidder suggests the clause be revised as under;** 36.2 Subject to GCC Clause 36.3, the Supplier shall indemnify and hold harmless the Purchaser and its employees and officers from and against ~~any and~~ all direct losses, liabilities and costs (including losses, liabilities, and costs incurred in defending a claim alleging such a liability) that the Purchaser or its employees or officers may suffer as a result of the death or injury of any person or ~~loss of or damage to any property (other than the System, whether accepted or not)~~ arising in connection with the supply, installation, testing, and Commissioning of the System and by reason of the negligence of the Supplier or its Subcontractors, or their employees, officers or agents, except any injury, death, ~~or property damage~~ caused by the negligence of the Purchaser, its contractors, employees, officers, or agents.	RFB conditions prevails
106	37. Insurance	183		Supplier wishes to clarify that Supplier shall maintain such insurance coverage as are required to be maintained by the Supplier as per applicable law	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
107	Insurance	184	Third party insurance of 10% of value	We request department to remove it from SI responsibility.	RFB conditions prevails
108	41 Termination	192		We understand that termination for convivence by the Purchaser shall be upon a prior written notice which in no event shall be less than 90 days. Request deletion of clause 41.2.6.	RFB conditions prevails
109	8. Terms of Payment (GCC Clause 12) / Pg 213	213	1. Five percent (5%) of the Total Project Value shall be paid after submission of inception report and project plan 2. Five percent (5%) of the Total Project Value shall be paid after accepting SRS document of Applications B (Phase II) 3. Fifteen percent	Kindly define the project value. Does it mean total contract value excluding satellite imaging cost and change request cost?	Kindly refer clause no. GCC 12.1 Page no. 427 in the revised RFB document
110	8. Terms of Payment (GCC Clause 12) / Pg 213	213	1. Five percent (5%) of the Total Project Value shall be paid after submission of inception report and project plan 2. Five percent (5%) of the Total Project Value shall be paid after accepting SRS document of Applications B (Phase II) 3. Fifteen percent	selected Supplier has to fill this form and submit draft of 10% contract value? If yes then how the reduction in value and expiration of the Advance Payment Security will be given back to supplier?	kindly refer revised RFB document
111	Risk Distribution	217	GCC 37.7 b	Keeping in view the above the purchaser shall give, from time to time, written authorization to the insurance company to directly pay monies payable by the insurer to the supplier after excluding any payment including advances already paid by the purchaser in respect of those items, Such excluded payments will be payable to the Purchaser only and insurer	Yes

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				will accordingly make the payment as advised by the purchaser from time to time. Need clarity on how advance payment will be done?	
112	Risk Distribution	217	37.1 c	Mandate to insure supplied items for the entire duration of the project or for one year only?	Please refer revised RFB Risk distribution clause No. 24 in GCC 37.1 (c) Page No. 431
113	Performance and advance payment security forms	253	2.1 Performance Security Form	Selected Supplier has to fill this form and submit draft of 10% contract value? If yes then how the reduction in value and expiration of the Advance Payment Security will be given back to supplier?	Not relevant
114		278	The project aims to achieve the objective through promotion of climate resilient technologies and commodity value-chain across approximately 4,000 drought-prone villages in 15 districts (namely, Jalgaon, Aurangabad, Jalna, Beed, Parbhani, Hingoli, Osmanab	Bidder request to confirm the names of the districts where Phase 1 go live to be done	Yavatmal & Beed districts which is already given in RFB
115		278	The project aims to achieve the objective through promotion of climate resilient technologies and commodity value-chain across approximately 4,000 drought-prone villages in 15 districts (namely, Jalgaon, Aurangabad, Jalna, Beed, Parbhani, Hingoli, Osmanabad	What all Modules/ applications to go live in Phase 1	List is already provided in the revised RFB Clause number 4.2 Application development page no. 147

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
116		278	The project aims to achieve the objective through promotion of climate resilient technologies and commodity value-chain across approximately 4,000 drought-prone villages in 15 districts (namely, Jalgaon, Aurangabad, Jalna, Beed, Parbhani, Hingoli, Osmanabad	Pls share the details for Phase 2 Go live - The names of districts for which applications to go live	Software application will Go-Live for all the district of PoCRA . List is already provided in the revised RFB Clause number 4.2 Application development page no. 147
117	ANNEXURE II – SCOPE OF WORK	279	2. Scope of Work	Is the Digital platform developed is expected to be on Open Source only? Or correction is required?	Open standard based system is mandated
118	2. Scope of Work	279	The selected Bidder/JV will design, build, deploy, host and maintain an Integrated Digital platform for PoCRA, hosted on cloud.	We understand that DC & DR need to hosted on cloud. Please confirm	Yes
119	2. Scope of Work	279	The selected Bidder/JV will design, build, deploy, host and maintain an Integrated Digital platform for PoCRA, hosted on cloud.	We understand that all application, Helpdesk solution and other solution asked in the RFP need to host on cloud. Please confirm	Yes
120	Annexure II,Scope of Work,Page 279 onwards	279	Climate resilience analysis	Here,the Client mentions about climate resilience analysis (like climate risk modelling, disaster modelling, etc.) basis which the digital platform will be made and integrated. Is there any work/study done by any other organization prior to this that will to be integrated on the platform or will the whole analysis be under the purview of the bidder?	Bidder has to provide the solution

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
121	Annexure II,Scope of Work,Page 279 onwards	279	Cost of Procurement of Satellite imagery at regular intervals as mentioned in Annexure II – Scope of Work	Kindly confirm,if Cost of Procurement of Satellite imagery at regular intervals as mentioned in Annexure II – Scope of Work will be borne by Bidder or by Client? In Section 4.1.8 Approach for Satellite Data Procurement it is mentioned that "PoCRA has decided to procure the satellite data in phased manner to optimise the satellite data requirement and sources."	Bidder has to provide the satellite data cost for Phase 0 and Phase 1
122	Annexure II,Scope of Work,Page 279 onwards	279	Soil Sample collection and analysis cost	Kindly confirm,if Soil Sample collection and analysis cost as mentioned in Annexure II – Scope of Work will be borne by Bidder or by Client?	Data will be provided from the soil health card system
123	Annexure II,Scope of Work,Page 279 onwards	279	Cost of trainings	Kindly confirm,if Cost of trainings at various levels as mentioned in Annexure II – Scope of Work will be borne by Bidder or by Client?	Around 100 Persons every 6 month during the project period. Venue and trainees' logistics will be arranged by PMU. Batches will be decided after discussion with selected Supplier.
124	ANNEXURE II – SCOPE OF WORK	280	IOT-based Irrigation	More clarification on SMS facility and should also be able to switch the pump ON and OFF?	Vendor can propose the solution

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
125	ANNEXURE II – SCOPE OF WORK	280	IOT-based Irrigation	Why 2 IOT sensors for a field? What is scope of a 'Field'? An individual farmer? Village level or?	The 2 IoTs per field are indicative, however, the bidders have liberty to propose the solution. Individual farm is a field.
126		280	Satellite Data Procurement, Satellite data Image processing for Farmer Advisory, Crop Disaster Management & Yield Estimation	Can we propose alternate solutions for example other technologies satellites images or are all the technical specifications fixed?	Query not clear
127	Annexure II, Scope of Work , 2. Scope of Work, Satellite Data Procurement, Satellite data Image processing for Farmer Advisory, Crop Disaster Management & Yield Estimation	280		Is it expected to automize the ingestion of the satellite data from satellite service provider's repository, and perform all associated processing including AI/ML algorithms in the digital platform? This way lot of manual work, associated delay and interventions in the pre-processing can be avoided. Please clarify.	Yes

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
128	Annexure II, Scope of Work , 2. Scope of Work, Satellite Data Procurement, Satellite data Image processing for Farmer Advisory, Crop Disaster Management & Yield Estimation	280		It is expected to support with Micro wave satellite data, whenever optical data is not available, however technical requirement for the microwave forces to procure less than 10m microwave data which very expensive than the expected optical data. Request to allow freely available microwave data to be used in such a case. Any need for procurement of microwave data can be done by client. Please Clarify	Bidder has to provide the solution
129	Annexure II, Scope of Work, IOT-based Irrigation	280		It is also asked to use both GSM and LORA, however both have their specific use cases, if 100 location are nearby then LORA can be leveraged, however if these are expected to be across the project area then GSM will be more economical to use.	Bidder to provide the solution

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
130	2. Scope of Work, Page No. 280	280	Satellite Data Procurement, Satellite data Image processing for Farmer Advisory, Crop Disaster Management & Yield Estimation	Incase of any Satellite Imagery which is recommended by the Authority, please specify as the cost is to be included in the quotation.	The PMU is not recommending any satellite images / provider. The bidder needs to procure the images and provide the image accordingly to the PMU. Phase 0 and Phase 1 cost needs to be included in the bid.
131	Connectivity	280		Please confirm, if bidder need to consider the MPLS or Internet bandwidth for IOT sensors.	Bidder has to provide for the communication channel as proposed in his technical solution
132	2. Scope of Work, Page no. 280	280	Satellite Data Procurement, Satellite data Image processing for Farmer Advisory, Crop Disaster Management & **Yield Estimation**	Yield Estimation will be done based on Crop Cutting Experiments (CCE) or any other methodology is to be used. Please provide more details on it.	It is as per the CCE
133	2. Scope of Work, Page no. 280	280	IOT-based Irrigation	Please provide more details on existing irrigation system along with type of valves and power availability of pumps.	It will be provided to the successful bidder
134	Page 280	280	Output of the crop map generated by the satellite image should be very precise and accurate within the acceptable limit of minimum 80%.	Request department to confirm if it is overall classification accuracy or crop-wise accuracy	Crop wise accuracy is required
135		282	The integrated platform will accept inputs from multiple systems and applications, do context broking and provide personalized information services to variety of beneficiaries based upon their location and profile.	Bidder request to pls confirm & share the variety of Beneficiaries details along with location & profile	Individual farmers, FPO, FPC, SHG from the districts in PoCRA region are all the beneficiaries

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
136		282	The proposed PoCRA digital platform would aim to strengthen linkages between external stakeholders such as product and service providers and the farmer/farmer groups to support efficient and quality delivery of services. The proposed platform is expected	Bidders request to specify & share the list of the external stakeholders like- Product providers/Service Providers/Farmers & Farmer Groups	Kindly refer the revised RFB document
137	4.1 PoCRA Digital Platform, Page No. 282	282	Cloud Platform details	Kindly provide details on the expectation with respect to cloud service in terms of services to be used - Public or Private.	As per the GoM Cloud GR, the solution needs to be compliant with the GR
138	4.1 PoCRA Digital Platform, Page No. 282	282	It attempts to superimpose all these information with crop data through NDVI images, GIS mapped structures such as farm ponds etc.	Basemap preparation is also part of project scope. Please clarify.	Yes
139	4.1 PoCRA Digital Platform, Page No. 282	282	PoCRA Digital Platform/ Cloud Services	Please provide details on the dataset size which is to be hosted on the cloud platform.	Minimum 25 TB storage
140	4.1 PoCRA Digital Platform, Page no. 282	282	With functionalities of disseminating advisory and enabling two-way interaction through various mediums such as video, text, audio and image, this PoCRA digital platform strives to deliver to the needs and convenience of the individual farmer	PoCRA Digital platform need to fetch information from audio, video and image or it will be only used as supporting document for further decision making. Please clarify.	This functionality should support in advisory and other interactive section with farmer
141	ANNEXURE II – SCOPE OF WORK	283	4.1.2 User Ecosystem	How many users from the eco systems would be having viewing, editing/updating, analysis and administrative right? Approx. number of uses on Mobile apps, Web Portal etc.	Kindly refer below table -A for the number of users and the PMU is expecting 5 users with rights to do analysis

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
142	User ecosystem	283	Section - User Ecosystem -An indicative list of users of the proposed platform is as follows	Please share the user numbers /strength for different types of users mentioned in the list to access the multiple channels	Kindly refer below table - A for different type of user base.
143	User ecosystem	283	Section - User Ecosystem -An indicative list of users of the proposed platform is as follows	Do all Users will access all multi channel service delivery .Pls confirm	Yes
144	User ecosystem	283	Section - User Ecosystem -An indicative list of users of the proposed platform is as follows	Any YoY growth of User base for various service delivery channel. Please confirm.	Kindly refer below table - A for different type of user base.
145		285	Beneficiary should be able to submit an application for watershed construction on the DBT Portal which is forwarded to the PoCRA digital platform	Does the functionalities listed for DBT Portal [provision to create a new application for watershed construction, Payments etc] part of the scope.	Yes, development is part of the scope however bidder has to adopt and maintain an existing DBT application developed by PoCRA
146	ANNEXURE II – SCOPE OF WORK	287	Section# 2 - Scope of work, paragraph# 6	We understand the scope of Applications to be developed as mentioned under Section 4.2 - Application development. However, with respect to 'Other applications' mentioned therein, please provide full list of PoCRA applications that is expected to be hosted and migrated to the Integrated PoCRA Digital Platform.	1.PoCRA DBT application 2.Farmers Field school 3.Micro Level Planning 4. Financial Monitoring System
147	ANNEXURE II – SCOPE OF WORK	287	2.0 Scope of Work	Is the call centre already set-up? What application/s are the call center agents currently using?	Call centre has not been setup as yet

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
148	Multi-Channel Service Delivery	287	The platform should enable multi-channel delivery of services via **Web portal, mobile application, call centre, SMS, IVR and other channels** to enable inclusion and participation from varied stakeholders. The platform should enable multi-channel delivery of	Bidder request to share the user base to access multiple channel of services	Kindly refer below Table-A for different type of user base. All user will access all the channels
149	Multi-Channel Service Delivery	287	Section - Multi-Channel Service Delivery -The platform should enable multi-channel delivery of services via **Web portal, mobile application, call centre, SMS, IVR and other channels** to enable inclusion and participation from varied stakeholders. The platform should enable multi-channel delivery of	Please specify whether Bidder needs to carry out Infra set up for Call Centre Setup ?	No
150	Multi-Channel Service Delivery	287	Section - Multi-Channel Service Delivery -The platform should enable multi-channel delivery of services via **Web portal, mobile application, call centre, SMS, IVR and other channels** to enable inclusion and participation from varied stakeholders. The platform should enable multi-channel delivery of	How many number of associates would be required for the Call Centre?	Bidder do not have responsibility of establishing help desk and call centre
151	Multi-Channel Service Delivery	287	Section - Multi-Channel Service Delivery -The platform should enable multi-channel delivery of services via **Web portal, mobile application, call centre, SMS, IVR and other channels** to enable inclusion and participation from varied stakeholders. The platform should enable multi-channel delivery of	Kindly specify in detail the location expected for the setup of the Call Centre.	Bidder do not have responsibility of establishing help desk and call centre

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
152	Multi-Channel Service Delivery	287	Section - Multi-Channel Service Delivery -The platform should enable multi-channel delivery of services via **Web portal, mobile application, call centre, SMS, IVR and other channels** to enable inclusion and participation from varied stakeholders. The platform should enable multi-channel delivery of	Please specify whether bidder needs to procure IVR devices?	Yes, IVR facility has to be provided by the bidder
153	Multi-Channel Service Delivery	287	Section - Multi-Channel Service Delivery -The platform should enable multi-channel delivery of services via **Web portal, mobile application, call centre, SMS, IVR and other channels** to enable inclusion and participation from varied stakeholders. The platform should enable multi-channel delivery of	IVR devices to be installed at Call Centres & Helpdesk Set up. How many connections? Bidders assume Call Centres & Helpdesk Set up is provided by PoCRA PMU	IVR devices installation is not the part of bidder. Bidder responsibility is to enable IVR feature in the application
154	4.1.5 Technological and Non-Functional Requirements of the Platform, Page No. 288	288	13. Development of NOC: - SI has to prepare the Network Operations Center (NOC) for PoCRA and provide the required Manpower to Maintain and Mange the PoCRA system, Cloud infrastructure, Process the Data, Generate the advisories and reports as per the requirement	Please specify the Number of Manpower for Development of NOC.	Minimum 7 resources need to be deployed as per RFB
155	4.1.5 Technological and Non-Functional Requirements of the Platform, Page no. 288	288	2. Satellite Data: "The output of crop map generated by the satellite image should be very precise and accurate within the acceptable limit of minimum 80%."	Crop map has to be generated in platform itself or crop map generated from other open source softwares can be integerated to platform. Please clarify.	Crop map has to be generated in platform itself

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
156	4.1.5 Technological and Non-Functional Requirements of the Platform, Page no. 288	288	2. Satellite Data: "The final outcome of Crop Advisory reports like total sown area, Commodity wise sown area, Crop health, yield estimates, Crop disaster report. shall be quality checked by nominated agency(ies) as per the guideline provided by technical committee for such work"	What is the method that will be used for quality check, and what will be source for validation data for QC?. Kindly provide details.	PMU appointed technical committee will do the QC on sampling methodology the details will be provide to successful bidder
157	4.1.5 Technological and Non-Functional Requirements of the Platform, Page no. 288	288	2. Satellite Data: "The platform must include features of image recognition and processing (Not OCR) to recognize the images being uploaded by multiple stakeholders and for images coming from different systems and databases"	Multiple sourced images will have any standard's ? if yes then what are the standards ? Please provide details.	Bidder has to provide solution
158	4.1.5 Technological and Non-Functional Requirements of the Platform, Page no. 288	288	2. Satellite Data: "The final outcome of Crop Advisory reports like total sown area, Commodity wise sown area, Crop health, yield estimates, Crop disaster report. shall be quality checked by nominated agency(ies) as per the guideline provided by technical committee for such work."	The mentioned Crop Advisory Information like Crop Health, Commoditywise sown area will have to be done on open source technologies ? Kindly Clarify.	Solution has to provide on open standard technology, open source is not mandatory

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
159	4.1.5 Technological and Non-Functional Requirements of the Platform	288	Cloud Capability required: API Management	Specs for the capability: • Fully managed service that makes it easy for developers to create, publish, maintain, monitor, and secure APIs at any scale • Ability to handle all the tasks involved in accepting and processing up to hundreds of thousands of concurrent API calls, including traffic management, authorization and access control, monitoring, and API version management • Ability to integrate with serverless architecture • Ability to create REST endpoints for existing services • Ability to model input and output payload to comply with predefined standards • Ability to integrate custom authorization modules	Query not clear

160	4.1.5 Technological and Non-Functional Requirements of the Platform	288	Cloud Capability required: AI & ML	Specs for the capability: • Provides visualization tools and wizards that guide users through the process of creating machine learning (ML) models without having to learn complex ML algorithms and technology. • Obtain predictions for application using simple APIs, without having to implement custom prediction generation code, or manage any infrastructure. • Available as a managed service that provides end-to-end model creation, deployment, and monitoring. Once the model is ready, users should be able to quickly and reliably generate predictions for the applications, eliminating the time and investment needed to build, scale, and maintain machine learning infrastructure. • Users should be able to request predictions for large numbers of data records all at once using the batch prediction API, or use the real-time API to obtain predictions for individual data records, and use them within interactive web, mobile, or desktop applications. • Text-to-speech service turns text into lifelike speech, allowing users to create applications that talk, and build entirely new categories of speech-enabled products. • Provide Application Services Designed for Developers & Data Scientists	Query not clear

				Solution-oriented Prebuilt Models Available via APIs 　　　　Covers Image Analysis, Text-to-Speech, Natural Language Understanding • Provide Platform Services 　　　　Designed for Data Scientists to Address Common Needs 　　　　Fully Managed Platform for Model Building 　　　　Reduces the Heavy Lifting in Model Building & Deployment • Provide Frameworks and Interfaces 　　　　Designed for Data Scientists to Address Advanced / Emerging Needs 　　　　Provides Maximum Flexibility to develop on the leading AI Frameworks 　　　　Enables Expert AI Systems to be Developed & Deployed • Provide Infrastructure 　　　　Designed to support AI, ML & DL workloads 　　　　Provides storage, compute, edge, and mobile computing needs 　　　　Enables maximum flexibility for data scientists to manage workloads	

161	4.1.5 Technological and Non-Functional Requirements of the Platform	288	Cloud Capability required: IOT platform	Specs for the capability: • Allows to easily connect devices to the cloud and to other devices. • Supports HTTP, WebSockets, MQTT and other industry-standard and custom protocols such that devices can communicate with each other even if they are using different protocols. • Provides authentication and end-to-end encryption throughout all points of connection, so that data is never exchanged between devices and IoT platform without proven identity. • Secure access to devices and applications by applying policies with granular permissions. • Rules Engine to filter, transform, and act upon device data on the fly, based on defined business rules. Ability to update rules to implement new device and application features at any time. • Provide a Device Shadow that maintains a virtual representation of a device. The Device Shadow should act as a message channel to send commands reliably to a device and store the last known state of a device in the IOT platform. • A Device Registry as the central location for storing and querying a predefined set of attributes related to each thing. The Device Registry should support the creation of a holistic management view for an IoT solution to control the associations between things, shadows,	Query not clear

| | | | | permissions, and identities. • Store the latest state of a device so that it can be read or set at anytime, making the device appear to applications as if it were online all the time. The application should be able to read a device's state even when it is disconnected and also allows to set a device state and have it implemented when the device reconnects. • For connected devices, the IoT platform should utilize concepts of identity, least privilege, encryption, and authorization throughout the hardware and software development lifecycle. IoT platform should encrypt traffic to and from the service over Transport Layer Security (TLS) with support for most major cipher suites. • In order to achieve the tenets of scalability and flexibility in an IoT solution, the platform should incorporate the techniques of an event-driven architecture. It should enable a scalable and decoupled communication through the creation, storage, consumption, and reaction to events of interest that occur in an IoT solution. Messages that are generated in an IoT solution should first be categorized and mapped to a series of events. The IoT solution should then associate these events with business logic that executes commands and possibly generates additional events in the IoT system. | |

				• To achieve security & agility, platform should enable remote firmware updates to add new features to a device and to deliver security patches during the lifetime of a device. • Ability to securely connect devices to the AWS cloud and other devices at scale (-> Device Gateway) • Ability to route, process and act upon data from these devices (-> Message Broker and Rules Engine) • Ability to enable applications to interact with devices even when they are offline (-> Device Shadow) • To fully integrate with other cloud service to reason on top of the data (-> Analytics, Data Bases, or AI) • At scale, ability to Maintain fleet health, security • Provide edge-based software for devices, that allows secure connectivity between assets, gather data, and take intelligent actions locally, even when internet connectivity is down. • Ability to integrate seamlessly with analytics cloud services for visualization and cloud hosted Machine Learning.	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
162	4.1.5 Technological and Non-Functional Requirements of the Platform	288	Cloud Capability required: Mobile app development platform	Specs for the capability: • Ability to plug many services into a new app with minimal effort (like microservices, security, sync, notification, storage) • Ability to run code without configuring, setting up, or managing servers • Ease of integration with advanced features such as targeted campaigns, Chatbots, sign-in UI with social media based authentication such as FaceBook, Google and Twitter etc • Ease to build and maintain app on Hub/SDK • Fully functional skeleton app for iOS Objective C, iOS Swift, Android • Ability to run simultaneous tests on 100s of popular iOS and Android phones. • Ability to distribute hosted content to users via a Content Distribution Network (CDN) • Pre-integrated platform for sending SMS, email, push notifications and gaining insights into customer mobile app usage	Query not clear
163	ANNEXURE II – SCOPE OF WORK	289	ANNEXURE II – SCOPE OF WORK -Section# 3 Highlights of scope of work, point# 8	Please share the url for Government of Maharashtra's latest Cloud GR	https://www.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/201808041826435611.pdf

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
164	4.1.5	289	GIS: This platform will rely heavily on GIS technologies as major structures will be geo-tagged, and the project envisages on having map views for monitoring, evaluation and also for authentication	We understand that Bidder need to Gwo tag the Farms. Please confirm if the Department is having the GIS platform or bidder need to propose.	Bidder has to propose and develop GIS Platform
165	scope of work - 3	289	Development, Configuration, Customization and Integration of new applications as per the required functionalities and integration with existing application and third-party application deployed on the digital platform.Development, Configuration, Customized	Kindly clarify the detail about the integration methodology and no of system required for integration.	There will be API based integration and number of system details is already given in RFB document
166	4.1 PoCRA Digital Platform - Para5	289	With functionalities of disseminating advisory and enabling two-way interaction through various mediums such as video, text, audio and image, this PoCRA digital platform strives to deliver to the needs and convenience of the individual farmer With function	What will be expected size of data for two way communication?	Standard Live streaming as per the Bandwidth available from both the side
167	scope of work - 6	289	Section -. scope of work - 6 -Data Migration, Data normalization and conditioning from the required system	Kindly clarify the data size for migration	The List of application is already provide in the RFB
168	scope of work - 7	289	Section -. scope of work - 7 -Establish gateways for E- Payment, Mobile Messaging, DMS, IVR, SMS, Bulk SMS, Provisioning Integrated Mail, Messaging, CMS and shared/common space for users	Kindly clarify the tools used -(E-Payment, Mobile Messaging, DMS, IVR, SMS, Bulk SMS, Provisioning Integrated Mail, Messaging, CMS and shared/common space for users) will be born by client or bidder	Bidder has to provide the solutions of the said requirements and quote for the same

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
169	4.1.5 Technological and Non-Functional Requirements of the Platform, Page no. 289	289	4. Big Data and Analytics: Big data analytics tools should be utilized to interpret the data and populate an intelligent database	Does Big Data analytics tools are also open source based. Please clarify.	Solution has to provide on open standard technology, open source is not mandatory
170	4.1.5 Technological and Non-Functional Requirements of the Platform, Page no. 289	289	6. Image Recognition: The platform must include features of image recognition and processing (Not OCR) to recognize the images being uploaded by multiple stakeholders and for images coming from different systems and databases.	Please provide more information on purpose of reading non OCR images. Is it the crop image , Field Image ,water body image ,disease image or any other.	The OCR technology has to be provided for reading of images coming from the field and other source of data which can be used into algorithms & solutions
171	ANNEXURE II – SCOPE OF WORK	290	4.1 PoCRA Digital Platform	Is building e-commerce website and associated ecosystem in scope?	Development of E-Commerce Website is not the part of the RFB Scope
172	Satellite Data Pre-processing	290	SI need to pre-process the Satellite data for the use of generation of advisory or report. Though SI may have to procure Satellite data and Generate the advisory and reports for Phase-0 and Phase-1 but SI may have to pre-process the Satellite data procured	Please share the details of other 3rd party agency/applications to gather the information Satellite data processing	The PoCRA will share these details on requirement basis to the successful bidder
173	ANNEXURE II – SCOPE OF WORK	291	4.1.2 User Ecosystem	Can we get a tentative count of users for the respective type of users listed under 4.1.2?	Kindly refer below Table-A for different type of user base.
174	4.1.7- Mobile Application	293		Please update if the client needs any performance testing for mobile app.	Kindly refer clause 3, point number 11 on Page number 125 of the revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
175	4.1.7- Mobile Application	293		Please update if the client needs any security testing for mobile app.	Kindly refer clause 4.2.4 on Page 155 of the revised RFB document
176	4.1.7- Mobile Application	293		We understand that the vendor needs to develop a new mobile app from scratch. Please confirm if our understanding is correct or or if any of the existing mobile app needs to be upgraded and maintained.	Exiting apps need to be integrated with the proposed solution. For new functionalities, new mobile applications need to be developed.
177	4.1.7- Mobile Application	293		What are the various languages the mobile app should be built in. e.g.. English, Marathi, etc. Please list all the languages	English & Marathi
178	4.1.7- Mobile Application	293		It is understood that the mobile app should be compatible with mobile devices as well as tablets. Please confirm our understanding or update.	Yes, understanding is correct
179	4.1.7 Platforms for deployment, Page No. 294	294	Web Portal - The portal should provide search engines with advanced full text search capabilities.	Please provide details regarding the advance search capabilities as it seems to be very generic.	Vendor to proposed advanced features
180	4.1.7 Platforms for deployment, Page No. 294	294	Mobile Application - It should be compatible with all leading mobile platforms and OS	Please specify the minimum version requirement of the mobile platform.	Minimum version iOS 10 and android lollipop

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
181	3.1, 4.1.8	295	Satellite Image Cost	In the RFP there are 4 phases (phase 0 , Phase 1 & Phase 2 under project Scope) mentioned for Satellite Image procurement on page 295 (section 4.1.8). However in the commercial format bidder need to quote for Only Phase 0 & Phase 1. Please confirm if phase 2 quote needs to added as well in the commercial table below.	Bidder has to quote satellite data procurement for Phase- 0 and 1 only
182	4.1.9 IoT Engine for Smart Irrigation, Page no. 296	296	1. Smart Irrigation Scheduling system based on Soil Moisture Measurement	Smart Irrigation Scheduling system based on Soil Moisture sensors and other device hardwares will also be under bidders Scope?. Please specify.	Pump or irrigation systems are not in the scope of work
183	4.1.9 IoT Engine for Smart Irrigation, Page no. 296	296	Soil Moisture Sensors	What is the expected battery life of each moisture sensors. Kindly provide information on it.	Bidder has to provide battery for the complete contract period
184	4.1.9 IoT Engine for Smart Irrigation, Page no. 296	296	Smart Irrigation Scheduling system based on Soil Moisture Measurement	Please provide details about the maximum distance considered between sensor and controller gateway.	Bidder need to provide the solution
185	4.1.9 IoT Engine for Smart Irrigation, Page no. 296	296	Smart Irrigation Scheduling system based on Soil Moisture Measurement	Are there any other parameter to monitor or control, if yes then please provide list of the same with details of each parameter.	Detail requirement given in the RFB

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
186	4.1.9 IoT Engine for Smart Irrigation, Page no. 296	296	The functions of Smart Irrigation Scheduling system would include: 6. A mobile application or SMS delivery system which informs the farmer of the irrigation schedule and executes the process once confirmation is received from the famer	Please clarify regarding the SMS gateway ownership that who would be the owner as we don't have data of how many SMS will be generated during a Month period.	SMS gateway has to be provided by the bidder, the charges will be paid as per the Maharashtra GR
187	ANNEXURE II – SCOPE OF WORK	297	4.1.5 Technological and Non-Functional Requirements of the Platform (Point4)	What BigData analytics platform is expected to be used or integrated?	Bidder to propose the solution
188	ANNEXURE II – SCOPE OF WORK	297	4.1.5 Technological and Non-Functional Requirements of the Platform (Point8)	Which devices and sensor platform (Drone) is expected to use as UAV? Any specification provided?	Not relevant
189	Big Data and Analytics	297	Since the volume of data so collected is likely to be voluminous and unstructured, Big data analytics tools should be utilized to interpret the data and populate an intelligent database. Initial data from IoT devices may be collected in to unstructured file systems. However, analytics algorithms should interpret such data and populate a structured relational database with inferenced data.	Do you need streaming analytics capabilities? Streaming analytics will help to manage big data from IOT devices	Bidder has to provide the solution
190	Machine Learning and Artificial Intelligence	297	Machine Learning and Artificial Intelligence: Machine learning and Artificial Intelligence must be an integral part of the platform for the platform to parse, comprehend and understand the data generated. The platform should be able to provide intelligent actionable decisions and advisory based on its learning.	Do you needs COTS AI and ML Product?	Bidder has to provide open standard based solutions

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
191	Image Recognition:	297	The platform must include features of image recognition and processing (Not OCR) to recognize the images being uploaded by multiple stakeholders and for images coming from different systems and databases.	Do you need image analytics?	Bidder has to provide the solution as per the revised RFB
192	4.1.9 IoT Engine for Smart Irrigation, Page no. 297	297	The functions of Smart Irrigation Scheduling system would include: Switching ON or Cutting OFF water supply based on soil moisture conditions	Kindly provide details on how we can get data of existing pumps at our controllers as we need to start/stop pumps as well as on/off the valves.	It will be provided to the successful bidder
193	4.1.9 IoT Engine for Smart Irrigation, Page no. 297	297	The functions of Smart Irrigation Scheduling system would include: 1. Automatic irrigation schedule based on algorithm and past data collected by the sensors	Kindly clarify that the Control algorithm needs to be finalized during the POC or before the POC.	Kindly refer revised RFB document
194	4.1.9 - Implementatio n plan	298	Water pump mechanism needs to be set up. The number of control valves required for a field need to be ascertained. The drip irrigation system needs to put in place and connected to valve system. The pressure in the main lines need to be ascertained to maximize the efficiency of the drip irrigation system.	We understand that Water Pump Mechanism / Drip Irrigation System is not in the Bidders scope.	Yes
195	4.1.9 - Implementatio n plan	298	Water pump mechanism needs to be set up. The number of control valves required for a field need to be ascertained. The drip irrigation system needs to put in place and connected to valve system. The pressure in the main lines need to be ascertained to maximize the efficiency of the drip irrigation system.	Bidder need to supply & implement the IOT Sensors with microcontrollers, which is further connected to the Water Pump mechanism/ drip system (which is provided by department). Please confirm	Yes

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
196	4.1.9 - Implementation plan	298	The Solar power supply system is put in place in addition to connection with line electricity	We understand that Solar Panels also need to install by Bidder along with the battery. Please confirm	Yes
197	4.1.9 IoT Engine for Smart Irrigation, Page No. 299	299	3. RF Module/GSM Module/LoRa Module (The RF/GSM/LoRa module is to create connectivity between sensors (if wireless)	There may be areas where no network connectivity would be available, in that case what is suggested by the client for alternate solutions?	Farms selection will be done as per the arability of Network connectivity
198	4.1.10 Sample Reports, Page No. 300	300	Sample Reports - Reports to Department (Weekly)	The advisory to farmers is to be given at village level. Hence, please confirm if same is to be considered for the department reports?	Yes
199	4.1.10 Sample Reports	300	Advisory to Farmers at Village level (Weekly)	Apart from satellite data as primary data source, what are the secodary data sources like ground truth data for various crop attributes (Crop Name, Crop Latitude/Longitude information, Field Photographs, etc). Please clarify who is responsible for collection of these datasets.	In order to improve the accuracy of advisories created on the basis of satellite data, the bidder may like to use ground truthing or other mechanisms. The bidder has to accordingly provide the solution considering the cost involved
200	4.2 Applications Development, Page no. 301	301	The Bidder/JV has to develop the applications in two phases as described below and in the implementation schedule	For application development there is dependancy on the departments to provide data and incase there are delays in the same it will impact the development process. We would request you to consider the point in the Implementation schedule timeline.	All the data will be provided as per mutually agreed schedule

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
201	4.1.7- Mobile Application	302	...The GUI should be responsive…	Is there a need for a downloadable mobile application from Google Play store/Apple Store? Or is there a need for a responsive web-app? Please confirm.	Both are required
202	4.1.7- Mobile Application	302	It should have pre- filled data and forms	It is assumed that all the data will be consumed from various back-end systems made available by the customer through API's /SDK's. Please confirm or provide the details.	yes
203	4.1.7- Mobile Application	302	It should be compatible with all leading mobile platforms and OS	We assume that the OS being considered are iOS and Android only. Please update if otherwise.	Yes
204	4.1.7- Mobile Application	302	It should incorporate analytics to identify user experience patterns	We assume that the analytics engine will be available at the back-end and that mobile app will be required to display the results. Else, please provide the details of what all analytics and how to demonstrate the details on a mobile screen.	Bidder to propose
205	4.1.7- Mobile Application	302	The PoCRA platform and Mobile App will allow the users with mobile devices to work on certain modules even when they are offline…	It is understood that offline feature is required. Please update what are those modules which need offline feature and which doesn't.	This feature is required on all Mobile Applications.
206	4.1.7- Mobile Application	302		Are push notifications required?	Yes
207	4.1.7- Mobile Application	302	It should enable ease of configuration and change to existing GUIs and support introduction of new screens	The GUI's and new screens can be developed as per the requirement by the vendor. Please update in case of a different expectation.	Yes

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
208	4.1.7- Mobile Application	302		Does the client need a solution which has a mobile app (if possible) as an extended feature and readily configurable or a customized mobile app to be built from scratch?	Existing Mobile applications are Configurable
209	4.1.7 Platforms for Deployment (Pg. No. 302)	302	Web Portal : - The portal should support HTTPS protocol on Secure Socket Layer (SSL)	For support of SSL/TLS secure protocol, it must requried trusted Certificate to be implemented on Server / Load Balancer. Does bidder has to be procure trusted certificate for this OR department will provide the same. Please clarify.	PMU will procure the trust certificate the bidder will support in the procurement and maintenance of trust certificate.
210	4.2.2 Application Development / Customization, Page no. 303	303	The overall solution should be based on the concept of One Web, i.e. it should be able to render properly on all type of devices of all sizes like Laptops, Desktops, Mobiles, Tablets, etc.	If One Web is required then do we need to create native mobile application for the same or not ?. Please provide details.	Bidder has to provide the appropriate solution
211	ANNEXURE II – SCOPE OF WORK	304	4.1.9 IoT Engine for Smart Irrigation	Procurement of IoT devices (2 sensor-node setup per farm for 50 farms) is in scope. Rollout beyond 50 farms is not in scope. Please confirm	Yes
212	ANNEXURE II – SCOPE OF WORK	304	4.2.3 Table (Sr.A1)	What is the resolution of elevation data expected for generating watershed?	10 meter resolution
213	4.2.3 Proposed Indicative Conceptual Design, Page no. 304	304	A1 Watershed Management application	There are multiple dataset available with PoCRA as watershed data, Is all data sufficient and what is accuracy of data to be used in watershed management application ?	The bidder has to procure and provide the data & the solution for watershed management system

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
214	ANNEXURE II – SCOPE OF WORK	305	Section 4.1.9 - IoT Engine for Smart Irrigation, point# 2 - Implementation plan	Procurement, Installation and maintenance of **drip system** along with control valves and water pumps is not part of the bidder's scope? Please confirm if this understanding is correct.	Confirmed
215	ANNEXURE II – SCOPE OF WORK	305	4.2.3 Table (Sr.A4)	In what format Automatic Weather Station data would be made available to integrate?	The data is available in text format
216	4.2.3 Proposed Indicative Conceptual Design, Page no. 305	305	A4: Application should use the Satellite data, AWS (Automatic Weather Station data) for Farm based advisory	AWS data availability is at what level (village/Taluk). Please elaborate farm level advisory?	AWS data available at revenue circle level
217	4.2.2 Application Development / Customization, Page no. 305	305	A2: Agriculture Extension Services Application - "It captures best practices for managing climate shifts, water management, soil management and this information is disseminated to farmers"	please provide list of specifications for best practices for PoCRA.	The best practices will be shared with selected bidder

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
218	4.2.2 Application Development / Customization, Page no. 305	305	A3: Farmer engagement and feedback application - "The application has functionalities including alert/reminder mechanisms, exceptions & escalations, geo-tagging, ticketing-service, ratings, analysis and learning algorithms including knowledge and skills recognition"	Please provide more information about learning algorithms	Bidder has to provide the solution for learning algorithms
219	ANNEXURE II – SCOPE OF WORK	306	4.1.9 IoT Engine for Smart Irrigation	SIM cards will be issued by PMU for IoT devices. Please confirm.	Bidder has to provide SIM card, if required, for project period
220	4.2.3 Proposed Indicative Conceptual Design, Page no. 306	306	A5: SI need to provide reports like sown area, Acreage, Commodity wise acreage, Yield Prediction, Crop Health Conditions, Crop Disaster etc. every month or as per the mutually agreed periodicity, PMU will also ask more reports as per the data augmentation as per the mutually agreed formats and periodicity.	The crop acerage,Yield Prediction, CropHealth Conditions, Crop Disaster report has to be integerated with the platform or all the processing steps also needs to be done in platform itself ? Please clarify.	Yes
221	4.2.3 Proposed Indicative Conceptual Design, Page no. 306	306	B2: It delivers the functionality of spatial mapping based on missed call	Please provide more clarity on the mentioned point as it is not clear that how based on the missed call, the spatial mapping would be done ?	The bidder may like to explore the available options and explore the same to provide the appropriate solution
222	4.2.2 Application Development / Customization, Page no. 306	306	A5 Climate Risk Modelling - "The application provides customized weather based crop modeling tool"	Does this tool needs to be developed in open source technologies. Please clarify.	Solution has to provide on open standard technology open source is not mandatory
223	4.2.3	309	RFP(Infrastructure as service Section)	Is there an existing Identity and access management system	Query not clear

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
224	4.2.3	309		What are the number of internal users that needs to be considered under Identity and Access Management system	Kindly refer below Table-A for different type of user base.
225	4.2.3	309		What are the number of external users that needs to be considered under Identity and Access Management system	Kindly refer revised RFB document
226	4.2.3	309		How many endpoints needs to be considered for Identity Management system	Not relevant
227	4.2.3	309		How many applications needs to be integrated with the Access Management system	All the applications need to be integrated
228	ANNEXURE II – SCOPE OF WORK	309	4.2.3	What is the scope for integration with Internal - External Agencies mentioned?	API based integration
229	4.1.7- Mobile Application	310	Applications B: 4. Mobile Applications	We understand that the mobile app needs to be developed in phase 2 of the project. Please help us understand the time duration for the same (start time as well as end time) as well as the thought process to do so as it is advisable that the app is developed along with the overall solution for maximum benefit to the client. Is the vendor free to suggest the project plan based on the scope understanding?	Mobile Apps will developed along with the required module

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
230	4.1.7- Mobile Application	310	Applications B: 4. Mobile Applications	What is the preference for mobile app architecture - on-premises, on-cloud, and hybrid? Please provide the complete details. (As in 2. Scope of Work, it is mentioned that the solution should be on cloud. We need the details of what all components would be on cloud from a mobile app perspective)	All Mobile apps are on Cloud
231	4.1.7- Mobile Application	311	The overall solution should be based on the concept of One Web, i.e. it should be able to render properly on all type of devices of all sizes like Laptops, Desktops, Mobiles, Tablets, etc.	Practically it is impossible to confirm that the mobile app will work on "all" the devices available in the market. If the client has any list of specific models, please share those so that the solution will be considered to address those list at least.	Mobile application will be used by farmers, vendor to propose compliant devices.
232	4.2.7.3 Hosting Operations & Maintenance	314	The Bidder/JV would be responsible for the operations and maintenance of cloud services	Pls specify the number of resources required & deployed for O & M of Cloud Services	Bidder has to provide the solution and need to deploy the people accordingly
233	4.2.7.3 Hosting Operations & Maintenance	314	The Bidder/JV would be responsible for the operations and maintenance of cloud services	Pls confirm on O & M services support required in Phase 1 & Phase 2	Yes
234	4.2.7.3 Hosting Operations & Maintenance	314	Section -. 4.2.7.3 Hosting Operations & Maintenance -The Bidder/JV would be responsible for the operations and maintenance of cloud services	Pls specify the number of resources required & deployed for O & M of Cloud Services	The minimum full time resource list is already provided in RFB. Over & above, bidder has to provide resources as per the requirement for operation and maintenance phase

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
235	4.2.7.3 Hosting Operations & Maintenance	314	Section -. 4.2.7.3 Hosting Operations & Maintenance -The Bidder/JV would be responsible for the operations and maintenance of cloud services	Pls share the timeline (as soon as PHASE 1 Go live) for O & M Support for Cloud Services required.	Five years from the Phase 2 Go Live
236	ANNEXURE II – SCOPE OF WORK	316	4.2.3 Proposed Indicative Conceptual Design	What are the data storage estimates per application and for the full platform? Is there a data growth estimate for next 3-5 years?	Not relevant
237	4.1.7- Mobile Application	317	Interfacing with Internal and External Systems/Agencies: The proposed system should be capable of interfacing with internal and external systems/ agencies/databases through APIs in order to allow for exchange of data and communication with those systems.	Please provide a list of all the backend systems the mobile app needs to integrate with (as in the RFP it is mentioned as *"Or any other application required by the PMU"*)	The major list of modules is already given in the revised RFB
238	4.1.7- Mobile Application	317	Interfacing with Internal and External Systems/Agencies: The proposed system should be capable of interfacing with internal and external systems/ agencies/databases through APIs in order to allow for exchange of data and communication with those systems.	Is the mobile app expected to integrate with all the systems / their databases mentioned here or is this for the overall solution. Please provide complete details.	The bidder has to provide overall integrated solution
239	4.7	318	The Selected Bidder/JV will provision to train the master trainers at PoCRA who will then train the staff second year onwards	Please share the detail of approximate number of Master trainers	The bidder has to provide the training to around 100 persons every 6 month during the project period.

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
240	4.7, 3.1	318	Training The Selected Bidder/JV will provision to train the master trainers at PoCRA who will then train the staff second year onwards	Please confirm the number of Batches and Number of Resources to be considered for training during First Year after Gi Live.	Around 100 Persons every 6 month during the project period. Venue and trainees' logistics will be arranged by PMU. Batches will be decided after discussion with selected Supplier.
241	Training	318	Section -. 4.7 Training -The selected Bidder/JV has to provide training for the first year after Go-Live on the usage of PoCRA applications,	Pls confirm on the number of TCS trainers required to train in the 1st year so as to create master trainers	The bidder has to provide the training to around 100 persons every 6 months during the project period. Venue and trainees' logistics will be arranged by PMU. Batches will be decided after discussion with selected Supplier so bidder has to provide the solution accordingly
242	Training	318	Section -. 4.7 Training -The selected Bidder/JV has to provide training for the first year after Go-Live on the usage of PoCRA applications,	Pls specify the location where the training is to be given.	There will be three central locations in the PoCRA Project area
243	Training	318	Section -. 4.7 Training -The Selected Bidder/JV will provision to train the master trainers at PoCRA who will then train the staff second year onwards	Bidder request to confirm the numbers of master trainers to be trained	The bidder has to provide the training to around 100 persons every 6 month during the project period. Venue and trainees' logistics will be arranged by PMU. Batches will be decided after discussion with selected Supplier so bidder has to provide the solution accordingly
244	Training	318	Section -. 4.7 Training -The Selected Bidder/JV will provision to train the master trainers at PoCRA who will then train the staff second year onwards	Location to train the master trainers	There will be three central locations in the PoCRA Project area

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
245	Training	318	Section -. 4.7 Training -The selected Bidder/JV would have to prepare detailed training plans covering at least the trainings to be conducted, targeted audience, location, dates for training, duration and training content. The Bidder/JV should submit the detailed training plan to	Bidder requests PoCRA PMU's proactive support for the creation of the training plan. Bidder seeks information on the target audience, location, dates, duration & content.	Proactive support will be provided by PoCRA team for the preparation of plans
246	4.7 Training, Page No. 318	318	Training staff Details	Please provide tentative staff number to which training is to be provided.	Around 100 Persons every 6 month during the project period. Venue and trainees' logistics will be arranged by PMU
247	4.8	319	The Bidder/JV should retain inactive versions of backed up flat files for 30 days and the last version of a deleted file for 60 days; The Bidder/JV should retain database backups for thirty (30) days;	We suggest to increase the live data availbility period to minimum of 12 months data. As AI & ML requres huge value of data to arrive the best results.	This clause is only for inactive copy of backup files. Bidder has to retain the complete data base and backup for complete Project Period.

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
248		319	1) During the change from DC to DRC or vice-versa (regular planned changes), there should not be any data loss. There shall be asynchronous replication of data between Primary DC and DRDC and the Bidder/JV will be responsible for sizing and providing the DC-DR replication link so as to meet the RTO and the RPO requirements. 2) The Primary DC and the DRC should be in different seismic zones 3) The Data Centers offering Cloud Services should be in different physical locations supporting active-active arrangement.	The requirement is to provide the Business Continuity in case of any disruptions / disaster to the Primary Data Center within the specified RPO / RTO timelines. Different CSPs provide the Disaster Recovery / Business Continuity through different architectures. The Disaster Recovery architecture may be left to the bidder to meet the IPA's requirement of having a fully functional DR in case of disruption to the Primary DC and provide consistent user experience. AWS has multiple "availability zones" within India region that are different facilities in different places but not necessarily different seismic zone. Each Availability Zone is designed as an independent failure zone. This means that Availability Zones are physically separated within a typical metropolitan region and are located in lower risk flood plains (specific flood zone categorization varies by Region). Each availability zone runs on its physically distinct and independent infrastructure and do not share common points of failures like generators and cooling equipment across the multiple data center facilities. AWS provides customers the flexibility to place	Kindly provide the solution as per the cloud GR of Government of Maharashtra

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				instances and store data across multiple Availability Zones within each region. Core applications can be deployed in an N+1 configuration, so that in the highly unlikely event of a data center failure, there is sufficient capacity to enable traffic to be load balanced to the remaining "availability zone". Applications can also be architected for near-zero RPO and RTO that can be achieved through synchronous replication of data across the primary and secondary sites. This is possible only when the data centers are close enough to allow high-speed low latency links for synchronous replication but at the same physically distinct and far apart so that even uncommon disasters such as fires, tornados, or flooding do not simultaneously impact both the facilities.	

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
249	4.8 Managed Services Requirements, Page no. 319	319	Disaster Recovery & Business Continuity Services: - During the change from DC to DRC or vice-versa (regular planned changes), there should not be any data loss. There shall be asynchronous replication of data between Primary DC and DRDC and the Bidder/JV will be responsible for sizing and providing the DC-DR replication link so as to meet the RTO and the RPO requirements. - The Primary DC and the DRC should be in different seismic zones	The Data Centers offering Cloud Services should be in different physical locations supporting active-active arrangement. The requirement is to provide the Business Continuity in case of any disruptions / disaster to the Primary Data Center within the specified RPO / RTO timelines. Different CSPs provide the Disaster Recovery / Business Continuity through different architectures. The Disaster Recovery architecture may be left to the bidder to meet the IPA's requirement of having a fully functional DR in case of disruption to the Primary DC and provide consistent user experience.	Please provide the solution as per the cloud GR of Government of Maharashtra
250		326	Helpdesk support is to be provided as per defined in this RFP	Bidders request PoCRA PMU team to provide the number of Helpdesk Resources required.	Bidder do not have responsibility of establishing help desk and call centre
251		326	Helpdesk support is to be provided as per defined in this RFP	Also to please confirm the location they will be working from, Working hours for those associates, their availability,	Bidder do not have responsibility of establishing help desk and call centre
252		326	Helpdesk support is to be provided as per defined in this RFP	Please specify whether Bidder needs to carry out Infra set up for Helpdesk	kindly refer revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
253	Section -. 5) a.	326	Helpdesk support is to be provided as per defined in this RFP	Bidder request to share the HD Team Size/Manpower to be deployed	Bidder do not have responsibility of establishing help desk and call centre
254	Section -. 5) a.	326	Section -. 5) a. -Helpdesk support is to be provided as per defined in this RFP	Bidder request to share the location from where Helpdesk would operate	Bidder do not have responsibility of establishing help desk and call centre
255	Section -. 5) a.	326	Section -. 5) a. -Helpdesk support is to be provided as per defined in this RFP	Bidder request to share the skill set & qualification for Helpdesk employees	Bidder do not have responsibility of establishing help desk and call centre
256	**5.2 Liquidated Damages and SLA Page No. 327**	327	5.2 Liquidated Damages and SLA :	**Bidder suggests the below clause be added; Uptime Exceptions The time lost due to any of the following reasons shall be taken into account while calculating the availability/ uptime requirement (a) Time lost due to power or environmental failures ;(b) Time taken to recover the system because of power or environmental failures; (c) Time lost due to damage or malfunction in the system or units thereof due to causes attributable of additional devices, making alteration of the system or units thereof due to causes attributable of additional devices, making alteration of the system,**	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				maintenance of the system etc. without Suppliers consent and/ failure to maintain the site required by the Purchaser;(d) Time taken for reconfiguration or other planned downtime situations (f) scheduled shutdown as required by Purchaser; (Supplier may also request Purchaser for a shut down as required by Purchaser; (Supplier may also request Bank for a shutdown for maintenance purpose, which request will not be denied unreasonably by Purchaser); (g) Time taken for booting the system (h) Time Lost due to unavailability of link.	
257	5.2 Liquidated Damages and SLA, Page No. 330	330	8. Advisory: Quality of Advisory SI has to release the Crop Advisory, Crop Health, Crop Disaster Management advisory every week. > 80% Quality of Advisory	The level of accuracy mentioned (80%) should be considered after 6 months of implementing the project as initially the SI would need time to integrate & process all the mentioned datasets and then achieve the required accuracy. The accuracy asked would be difficult to acheive in the first report itself. Kindly reconsider the clause.	RFB conditions prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
258	6.3 Knowledge Transfer	332	At the end of the Contract period, the selected Bidder/JV will be required to provide **necessary handholding and transition support** to PoCRA staff or any other agency that is selected for maintaining the system post the Contract with the selected Bidder/JV	Bidder request to specify the numbers of HH support required?	Handholding support requirement will be mutually discussed and agreed in the last year of the contract period as per the standard practice of industry
259	6.3 Knowledge Transfer	332	Section -. 6.3 Knowledge Transfer -At the end of the Contract period, the selected Bidder/JV will be required to provide **necessary handholding and transition support** to PoCRA staff or any other agency that is selected for maintaining the system post the Contract with the selected Bidder/JV	Bidder requests to share the details of PoCRA staff & other agency in terms of number of staff /agencies where HH support is required?	Handholding support requirement will be mutually discussed and agreed in the last year of the contract period as per the standard practice of industry
260	6.3 Knowledge Transfer	332	Section -. 6.3 Knowledge Transfer -At the end of the Contract period, the selected Bidder/JV will be required to provide **necessary handholding and transition support** to PoCRA staff or any other agency that is selected for maintaining the system post the Contract with the selected Bidder/JV	Bidders request to share, at What location HH/Transition Support is required?	PoCRA Office , Mumbai
261	4.9.5 -	333	Transfer of Confidential Information and Data under the section Information Security:PCI DSS	Please confirm what type of data will be stored ,processed and transmitted? e.g. credit card number	Kindly refer Clause No :4 , Information Security , at Page No: 172 in the revised RFB document
262	4.9.5 -	333		Approx. no of Applications processing PCI data and approx. no of servers handling the PCI data	Not relevant
263	4.9.5 -	333		what are the database are used to store the databases or which database are maintained that store card holder data.	Bidder to propose

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
264	4.9.5 -	333		Which type of data wants to protect in cloud and what are the cloud provider is used ?(AWS,Salesforce)	Not relevant
265	4.9.5 -	333		Is the sensitive data is classified and determined?	Not relevant
266	4.9.5 -	333		Are system components that store cardholder data placed in an internal network zone, segregated from the DMZ and other untrusted networks?	Bidder to propose
267	4.9.5 -	333		What are the requirement for restricting access to cardholder data by means of logical/physical access controls	Not relevant
268	4.9.5 -	333		Please confirm the requirement for enabling of audit trails ?	AS per the PCI DSS Standards
269	4.9.5 -	333		What are the requirements for retention of cardholder data (for example, cardholder data needs to be held for X period for Y business reasons	AS per the PCI DSS Standards
270	4.9.5 -	333		What is the processes used for secure deletion of data when no longer needed	AS per the PCI DSS Standards
271	4.9.5 -	333		Is there any process defined for quarterly process for identifying and securely deleting stored cardholder data that exceeds defined retention.	Kindly refer Clause No Information Security , Page No: 172 in the revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
272	4.9.5 -	333		Do you maintain the devices that capture payment card data via direct physical interaction?	No
273	4.9.5 -	333		Are virtualization technologies used?	Bidder has to provide the solution
274	4.9.5 -	333		What are the ways you would like to protect PII data tokenization of data /masking of data/Encryption?	Bidder has to provide the solution
275	4.9.5	333	Information Security	Please confirm the Current scope for ISO 27001/02 audit. Is it complete or in India premises only. Please mention the name of all geo-locations which are in scope. Also please provide the infrastructure details	The solution has to be hosted on to the cloud by service provider as per the DIT GR of Government of Maharashtra
276	4.9.5	333	Information Security	Which user groups will be accessing these systems e.g. - employs, vendors or clients?	Please refer FRS in the revised RFB document
277	4.9.5	333	Information Security	Are you compliant with any cybersecurity framework like ISO, PCI DSS, NIST or any data privacy framework?	Not relevant
278	4.9.5	333	Information Security	What type of data you process? Does it contain any sensitive data? Do you process European data as well? If yes, then are you GDPR compliant?	Not relevant
279	4.9.5	333	Information Security	are you also looking for external certification for PCI DSS or need to just compliant with the infrastructure?	PoCRA just need compliance with infrastructure, certification is not required

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
280	4.9.5	333	Information Security	are there any key metrics related to security and privacy which are routinely evaluated and monitored?	All central and state government regulation on cyber security and privacy need to be complied with.
281	4.9.5	333	Information Security	Current landscape of IT / IT security… approx. no of Data centres with their locations, Applications and approx. no of IT assets.	Kindly refer clause No :4 , Information Security , Page No: 172 in the revised RFB document
282	4.9.5	333	Information Security	Do the organization has been certified to ISO 27001: 2013. Do they follow any other certification like NIST/HIPPA, SOX or SOC	Kindly refer clause No :4 , Information Security , Page No: 172, in the revised RFB document
283	4.9.5	333	Information Security	What kind of vendor /supplier access to your systems do you expect?	Query not clear
284	6.7	335	The SI will have to create a fully functional NOC area at PoCRA office in Mumbai to monitor and control the activities of PoCRA, The PoCRA only provide power and the premises at the PoCRA office in Mumbai.	Please confirm the exact size of NOC area as selected SI need to do the Interior work, AC, Seating, Video wall, Reception, etc.	Kindly refer clause 6.7, Page no. 183 in revised RFB document
285	Development of Network Operation Centre (NOC) for PoCRA	335	The SI will have to create a fully functional NOC area at PoCRA office in Mumbai to monitor and control the activities of PoCRA, The PoCRA only provide power and the premises at the PoCRA office in Mumbai. All other requirements of the NOC area including	Bidder request to confirm the minimum 15 resources required at NOC, are over & above the 8 full time resources required during the complete project period for advisory and maintain the IT platform.	The minimum full time resource list is already provided in RFB. However, the bidder has to provide the solution and deploy resources accordingly during development, operation and maintenance phase

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286		337	Operations and Maintenance support has to be provided by the Bidder/JV for Phase I and Phase II till complete Go-Live of Integrated Digital Platform	Pls confirm on the number of resource support required during O & M for phase 1 & phase 2 and Pls confirm where the resources will be stationed	Minimum resource list is provided in revised RFB to deploy the resources for the O& M for Phase 1 & 2 that is 5 years from the operational acceptance.They will be stationed at NOC.
287	Section 8, Page: 337, Implementation Schedule	337	Go-live timeline is 9 months	Looking at the Comprehensive requirement,we request authority to extend go-live timeline to 12 months	RFB conditions prevails
288	8 Implementation Schedule, Page no. 337	337	4.b "UAT Testing Timeline in T + 20 (Weeks)"	As per the Implemetation Schedule the UAT is to be done at T+20 Weeks, which means all the 10 applications development under digital platform needs to be completed within this timeline?. Please confirm. And if all the applications are to be completed within this timeframe we would request you to reconsider the timeline mentioned as it would be difficult to complete it.	Application has to be developed in two Phases as per revised RFB Clause number 4.2 Application development page no. 147
289	6.2 Licensing Requirements / Pg 340	340	The software licenses shall not be restricted based on location and the PoCRA PMU should have the flexibility to use the software licenses for other requirements, if required.	Pls modify to be read as - The software licenses shall not be restricted based on location and the PoCRA PMU should have the flexibility to use the software licenses for other requirements as per scope defined in the contract , if required	The solution will be implemented on the cloud as per the scope defined in the revised RFB document

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290	4.1.7- Mobile Application	344	8. iBPS & OmniDocs Mobile Service	It is seen that Newgen's solution licenses will be provided to the vendor. Please confirm that the vendor is open to suggest and develop it's own mobile app for the overall solution and not restricted to Newgen's mobile solution.	Vendor can suggest any technical Solution. Use of Newgen's licenses is not mandatory
291	2. Existing systems	345	The PoCRA digital platform seeks to integrate with many of these applications as needed, in order to deliver on project objectives.	As per requirement Digital platform shall be open standards. Please confirm that in case of integration of existing application through API will have open standards like RESTAPI, etc.	Yes
292	2. Existing systems	345	The PoCRA digital platform seeks to integrate with many of these applications as needed, in order to deliver on project objectives.	We understand that selected bidder need not to develop or customize the existing application. Only integration is required, please confirm.	Yes
293	ANNEXURE III – FRS	353	Section 2. Existing Systems - State and Central Government Departments	PoCRA digital platform will integrate with (existing) 15 applications (EP 1 to EP 15) mentioned under Section 2 Existing systems - State and Central Government Departments. Please confirm this is the full list of application integration under scope of work and need to be executed within timeline of the design and development of PoCRA digital platform (i.e. before Go Live).	Confirmed

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294	ANNEXURE III – FRS	361	Section 2. Existing Systems - State and Central Government Departments	Please confirm that the data sources mentioned in this document (e.g. Mahabhulekh and other Database) contain the exhaustive list of beneficiary farmers that this project needs to cater to. Please confirm that non-digitised/non recorded set of Farmer data available offline or otherwise are not in scope of this project.	There are other sources available however all the data is in digitized format
295	ANNEXURE III – FRS	361	Section 2. Existing Systems - State and Central Government Departments	The limitation stated in this section is that interactive functionality of map view is available only for handful of districts. What is the source for all the remaining in Scope districts data ?	The scope of present assignment is for the PoCRA project districts
296	Helpdesk	361	Call-center and helpdesk facilities proposed under PoCRA is an integral part of this project. It would not only extend support to farmers but would also be a key player for their adoption and retention on the digital platform.	If Bidder needs to create the helpdesk & call centre, then please confirm the Following 1. number of seats for Helpdesk 2. Number of agent seats for call centre 3. Langauge support (Hindi, English, Marathi) 4. Location where Helpdesk & Callcenter shall be located 5. Shift timings (9am to 6pm- Mon to Fri) 6. Number of Calls to be assumed for Helpdesk & call centre per day	The development and implementation of Help desk & call centre is not in the scope of RFB . Bidder has to provide solution view to helpdesk and call centre, resources to answer the queries

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
297	Annexure III, Functional Requirement Specifications (FRS) , 3.4 Applications No.6 Climate Risk Modelling	365		Since we are to receive climate, crop stage and other information, it will be possible to predict Pest and Disease in advance from this platform. Request you to please make this as well as a part of the platform.	It is already a part of scope of work
298	4.2 Applications Development, Page no. 366	366	3.5. Proposed indicative conceptual design	All the functionalities in the applications such as Video conferencing, SMS, etc. is to developed in open source only. Please confirm.	Solution has to provide on open standard technology, open source is not mandatory
299	Annexure III, Functional Requirement Specifications (FRS) , 4.Applications, 1.Water shed Management Application	369		Is this a hydrology model based system that accounts for current water supply and demand, and ground water situation, to drive water security plan. Do we need to run models to understand dependable run-off, and suggest right locations for building checkdams, percolation tanks, etc automatically through the platform, where platform will use AI, and GIS models using drainage, geo-morphology,	Please refer to FRS provided in the revised RFB document

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
				soil, rain pattern and other layers/rules. Please Clarify	
300	4.1.7- Mobile Application	376	5. Applications: The various applications and their functional requirements are detailed in section 1.3 of this document. A snap-shot of the features are listed in section 3.3 of this document. Some of the broad functionalities have been highlighted below.	Please update how many mobile apps needs to be developed and feature list of each. (We are assuming that the features provided in section 4. Applications on page 377 of pdf are the overall features and will differ for mobile)	Please refer to FRS provided in the revised RFB document
301	4.1.7- Mobile Application	376		Please provide dummy logins for existing mobile apps or if any app the vendor needs to take a reference from for various features.	Will be provided to selected Supplier
302	ANNEXURE III – FRS	377	1. Watershed Management Application 1.1 Overview	Below statement is incomplete. Please complete the statement: This project caters to the development of watersheds in identified districts of Maharashtra through various	Corrected in revised RFB document

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303	ANNEXURE III – FRS	377	1. Watershed Management Application	This application has potential to integrate with existing state/centre government applications mentioned in the section "Existing systems - State and Central Government Departments - page# 353" (e.g. EP 8 , EP 9, EP 10). However, there are no details provided in this section (FRS) on integration points (e.g. what data would be extracted from these existing systems and transferred to PoCRA Integrated Digital Platform - Watershed Management Application, through either API or file based integration). a. Could you please provide specific details on integration of this application with EP 8/EP 9 or EP 10? Also provide interface type (API based integration, Data file export/import etc.). b. Also please specify if there would be any need to enhance/upgrade interfaces on existing application side EP 8, EP 9 and EP 10 to achieve the objectives of PoCRA.	These are various applications for different scheme implementation of Government. The interface will be API based. Bidder has to develop the interface to extract the information from these applications

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304		392	5.51. Farmer/Authorized Stakeholders Submit Questions to Moderated Public Forum Farmer should be able to post questions on goods/vendors on a moderated public forum which can be answered by other farmers/ authorized users 2.26. DoA/PoCRA/KVK staff Post Mo	5.51 and 2.26 refers to the same Public forum OR there needs to be separate Forums based on the different modules?	Bidder has to propose the solution
305		427	PoCRA digital platform should be able to pull farmer data from the following but not limited to socio-economic census data, crop loan and crop loan waiver data, mahabhulekh data and all databases available offline with the Ministry of Agriculture, Maharas	Will APIs be provided for pulling data from Offline Databases. Or what will be the mode of data transfer. What other measures need to be considered for data transfer from various systems [IMD/Maharain/MahaVedh]. Is there a view on how much previous dat	Bidder has to provide the API to pull the data from all the data base.
306		428	PoCRA digital platform should be able to run algorithms to analyse weather data including forecasts and historical data from public sector platform such as Maharain, IMD and Mahavedh and provide filtered, relevant and an illustrative, creatively rich and	Relevant learnings / Knowledge for creating Algorithms can be provided by sources like IMD?	The algorithms and API has to provide by bidder and not the parties like IMD and others
307	ANNEXURE III – FRS 4.3 Features	434	**Application# 4 Weather Advisory and Warning application** **4.3 Features** **Weather Advisory and warning application would have the following features**	What kind of input is expected of the Farmers to input into the platform? Ex : Is it specific to details like Min/Max temp or is it more descriptive data to describe weather and post validation by PoCRA?, Is an individual reply/update back to the Farmer expected?	Please refer FRS provided in the revised RFB document

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308		434	5.11. Farmer/PoCRA functionaries Submit Schemes/Services Feedback Farmer/PoCRA functionaries should be able to submit a feedback post 5.12. Farmer/PoCRA functionaries Submit Goods Feedback Farmer/ PoCRA Functionaries should be able to submit a feedback on	1.137/3.68 requirements are same as 5.11/5.12?	The requirements are different. Kindly refer the relevant clause in revised RFB
309	Annexure III, Functional Requirement Specifications (FRS) , 6. Climate Risk Modelling Application	443		Is Sowing Advisories on when to sow, a static data or dynamically executed in the digital platform, and execute last 30 years of crop modelling on all possible crops at village level scale, to accommodate the local weather pattern, and then current soil moisture, and merge it with weather forecast as well. Please clarify	The bidder has to provide the solution which will ensure a minimum of 80% accuracy for crop advisories
310	Annexure III, Functional Requirement Specifications (FRS) , 6. Climate Risk Modelling Application	443		Please clarify if "What to Sow", should be in form of a decision support system, which bring multi variable like - Local historical weather pattern, and seasonal weather forecast.	Yes
311	ANNEXURE III – FRS	446	5.2 Functional Requirement Specifications (FRS)	What is the expectation around two-way communication around video and audio?	Application should be full duplex (Audio and Video)

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312	Annexure III, Functional Requirement Specifications (FRS) ,6.4 Functional Requirement Specifications (FRS), 6.3 POCRA digital platform, Weather Data	446	"PoCRA digital platform should be able to run algorithms to analyse weather data including forecasts and historical data from public sector platform such as Maharain, IMD and Mahavedh to calculate the optimal crop sowing period. The crop sowing period can be determined by calculating adequacy of rainfall and soil moisture to meet potential water requirements by a crop"	Spatial Soil Moisture derived through Hydrology models like VIC, Crop specific water balance model, Satellite based models that take data from Weather Stations, Crop acreage, soil physiology, satellite inputs, IoT sensors can be explored. Such implementation is helpful in assessing parameters like PASM, and give Realtime assessment of droughts. Same models can be further expanded to forecast soil moistures stress in next 7-10 days, and provide targeted intervention during extreme dry periods. Please consider including the point.	Bidder may add the innovative techniques and solutions to the project
313	6.4 Functional Requirement Specifications (FRS), Page no. 446	446	6.1: "PoCRA digital platform should be able to pull past, present and forecast weather data including forecasts from public sector platform such as Satellite imagery, Maharain, IMD and Mahavedh"	What is accuracy of data like weather data, rainfall data from existing application as it will affect overall performance of advisory. Please provide details.	The data is as per the standard of AWS (Automatic Weather Station)

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314	6.4 Functional Requirement Specifications (FRS), Page no. 448	448	6.12: "PoCRA digital platform should be able to pull data related to the geography from public sector databases including central government and state government soil health card portals"	Will PoCRA faciliate necessary authorization to fetch data from public sector database or provide API's. Please provide details.	Yes
315	6.4 Functional Requirement Specifications (FRS), Page no. 449	449	6.20: "PoCRA digital platform should be able to pull data related to crop sown in the relevant geography from public sector databases including Cropwatch"	Will PoCRA faciliate necessary authorization to fetch data from public sector database or provide API's. Please provide details.	Yes
316	ANNEXURE III – FRS 6.4 Functional Requirement Specifications (FRS)	452	**Application 6 Climate risk modelling application 6.3 Features Climate risk based crop advisory would have the following features**	This section talks about Crowd source, there is also a reference to get the Pest data from CropSAP . Q 1.CROPSAP Website seems to have pests data only for 4 Crops and not covering the scope of Crops under PoCRA (which is 28). It also doesn't seem to be covering all the districts of Scope of Po CRA. The source of the data needs to be confirmed. Or "assumptions" needs to be considered to build the generic pest management/tracking with relevant Pest data coming in later. Q2 . "Crowd Sourcing" - Are there any current Govt initiatives/Systems in place to capture the data from a large set of users ? Or is the	A1: CropSAP is having details of five crops namely Soybean, Cotton, Rice, Pigeon pea & Chick Pea. It is likely to be extended for some other crops in near future. CropSAP data is available for all the PoCRA districts. A2: Currently there is no existing Government system for capturing data using crowd sourcing model.

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				expectation that this data gets built over a period of time from the day of "Go Live".	
317	6.4 Functional Requirement Specifications (FRS), Page no. 452	452	6.37: "PoCRA digital platform should be able to pull information from SREP and run algorithms to analyse it"	Kindly provide details on What will be data format from SREP to perform analysis and run algorithms.	It is available in text file
318	ANNEXURE III – FRS 6.4 Functional Requirement Specifications (FRS)	461	6.45 Synthesized and analysed data	Please confirm that the algorithm based engine, expected to be developed in PoCRA, for Crop Advisory is expected to consolidate data from all sources plus the **data keyed** in by the list of stakeholders	Yes
319	ANNEXURE III – FRS 6.4 Functional Requirement Specifications (FRS)	462	**Application 6 Climate risk modelling application** **6.3 Weather data & 6.50**	Is there a source of historical sowing date, harvest, yield and other data available in any existing systems for the districts in Scope?	No
320	ANNEXURE III – FRS 6.4 Functional Requirement Specifications (FRS)	462	**Application 6 Climate risk modelling application 6.50 Farmer/Beneficiary, page**	Farmers may choose to input **other operations on the field. - What are the example of "other operations" is it the type of Tillings, Equipment/machinery used, Pre-seed sprays, Land preparation related details ?**	Yes

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321	ANNEXURE III – FRS 6.4 Functional Requirement Specifications (FRS)	462	**Application 6 Climate risk modelling application 6.5** **Specific advisory via mobile and/or mobile advisory platform**	What is the source/reference for the Fertilizers/Crop Protection Products?	eParwana & Fertilizers subsidy system
322	ANNEXURE III – FRS 7.4 Functional Requirement Specifications (FRS)	468	Application 7 Climate Disaster Management 7.11 Early warning signs	What weather parameters should be part of the "Early Warning"?	Please refer FRS provided in the revised RFB document
323	ANNEXURE III – FRS 7.4 Functional Requirement Specifications (FRS)	468	Application 7 Climate Disaster Management 7.11 Early warning signs	What are the threshold values to consider to declare a warning? Would it be as per data available in A4 -4.2.3 Proposed Indicative Conceptual Design? Or would there be a guideline of threshold values be provided by Govt of Mah SMEs/Stakeholders to build in this intelligence within PoCRA?	Details will be discussed with the selected Supplier

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324	Annexure II, Scope of Work , IOT-based Irrigation & 4.1.9 IOT Engine for Smart Irrigation, 7. & 2. Implementation Plan	280	"Setup a water pump mechanism regulated by a micro-controller/controller. The controller should be regulated by the algorithm and by the farmer via the SMS delivery system or mobile application" & Water pump machinery that can be operated via the controller & "The drip system is not part of bidder's scope. It will be in place via other schemes in the project." & "	Our understanding is we need to supply Soil moisture Sensor and Controller only. Drip Irrigation System including Pumps and Valves are not part of the Scope. Please Clarify The number of control valves required for a field need to be ascertained. The drip irrigation system needs to put in place and connected to valve system. The pressure in the main lines need to be ascertained to maximize the efficiency of the drip irrigation system"	Bidder has to provide the solution as per the revised RFB
325	Detailed Projecr Report and Annual Action Plan	371	Annual Action Plan -Transfer of climate resilient technology to farmers	1) How this transfer of Technology to farmers will be done. 2) What is the process and mediun to transfer this technology 3) How farmers will be trained to adopt this technology	This needs to be covered in Farmer Extension and engagement services module

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326	Farmer Engagement and Feedback Application	431	Farmer Engagement and Feedback Application Overview Farmer:- From the perspective of the farmer, this platform would enable him/her to raise concerns, seek help and provide feedback for improvisation of PoCRA services. From the aspect of convenience, user-friendliness, resolution and support, the user adoption and retention into the technical platform would be a defining success factor. Hence, this is important not only for the farmers but also the Project Authorities to introduce changes in the application based on the farmer's experiences. A dashboard view consolidating feedbacks and grievances would be provided to the PMU in order to enable an information-led decision making process.	1) How are we taking care of the digital experience that each farmer will get from this project	Bidder has to provide the solution
327	Farmer Engagement and Feedback Application	432	Section 5.2 Farmer Engagement and Feedback Application Features - The different channels employed in the application would include but not limited to web, mobile application, SMS, USSD, IVR, web surveys, Call centre, physical documents and Idea management software.	1) We are considering web based surveys, but how are we planning to do physical survey of farmer fetrnity all across the state. Physical survey will give more realistic view and have better reach.	Physical survey is not the Part of the revised RFB
328	ANNEXURE II – SCOPE OF WORK	NA	General	Can we assume that all data and data sources are in digitized form for integration/extraction? Please confirm that non-digitized data (hard copy) extraction is NOT in scope across the entire project.	All the data sources are digitized. Hard Copy extraction of data is not in the scope of work.

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329				A period should be defined (not more than 3 working weeks) for the deliverables to be accepted. In case of no response from client the deliverables would be deemed accepted.	Yes
330				Any change post SRS (system requirement specification) sign-off should be considered as out of scope. However, can be brought to scope through change control process.	Yes
331				Bidder should be allowed to work from its premises so as to rip the benefit of best practices, talent pool from rest of the organization	The bidder has to develop the application and platform from its premises. The bidder has to deploy its manpower in NOC for application and maintenance phase

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332				No rolling warranty or implied warranty	The bidder has to provide warranty of all applications & any hardware provided during the course of project period
333				There should not be any penalty for replacing a resource due to resignation etc..	Please refer revised RFB document
334				We cannot allow following 1. More than once a year 2. Audit costing and profit 3. By our competitors audit shall not include SI's books of accounts.	Query not clear
335				We cannot agree to this as it is impossible to implement - Price should be lowest - Resource requirement should be highest priority - Right to seek any information	Query not clear
336				This is not acceptable unless it is made with mutual agreement	Query not clear
337				SI should provide an undertaking that legal proceedings, litigations will not have any impact on performance of this project	Query not clear
338				We are ok as long as it is mutual. We don't accept one sided termination for convenience	RFB Condition prevails

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339				A Time is of the Essence clause may mean that one party to the contract must perform its contractual obligations at a specific date and time as required in order to compel performance by the other party to the contract. A failure to perform by the time specified will be a material breach of the contract	EMD will not be forfeited in case of deviation bid. However, deviations are not expected.
340				If proposal contains deviations then EMD should not be forfeitured	EMD will not be forfeited in case of deviation bid. However, deviations are not expected.
341				In case change in tax rate the benefit should be passed to both the parties? Please confirm	GST will paid on actuals
342				Request following clauses to be incorporated 1. Bidding entity should have been listed in Indian stock exchange 2. Turnover of the company should be more than 500 crores in last 3 financial years	RFB Condition prevails
343				This is a fixed price deal and SI is bound by SOW and SLA. So kindly confirm right to interview and reject resource should not be included	RFB Condition prevails
344				Should have at least of 30- 60 days to cure breach before termination	RFB Condition prevails

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
345				We request this clause to applied for material breach only	RFB Condition prevails
346				EMD or PBG should be conditional. It should not be exercised on demand.	RFB Condition prevails
347				Please provide the list of the farms where IOT sensors need to be deployed.	The list of the farms will be provided to the successful bidder
348	Helpdesk			We understand that Helpdesk & Call centre support is already in place for DoA and calls from the existing helpdesk & calcentre shall eb forwarded by Department to bidder for any operational support during te hO&M phase. Please confirm.	Department will establish the Help desk & call centre and the calls will be transferred to Bidder's supporting team
349	Helpdesk			Please provide the detailed technical specification fo Helpdesk & Call centre, if department is looking for bidder to setup the Helpdesk & Call centre	The development and implementation of Help desk & call centre is not in the scope of revised RFB

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
350				**NON-SOLICITATION:** Neither Party will, without the consent of the other Party, employ or offer to employ (whether under a contract of service or under a contract for services) any person engaged or previously engaged by the other in a technical or managerial capacity in relation to the project, during the subsistence of this Agreement and until a period of 24 months has expired after the termination or expiry of this Agreement.	RFB conditions prevails
351				**APPLICABLE LAW:** This agreement shall be governed by the laws of India and the courts in Mumbai shall have jurisdiction to try the disputes under this Agreement.	RFB conditions prevails
352			Satelite and Weather Data	Request department to share Satelite Data & Whether data.	Bidder has to procure the satellite data as per requirement of revised RFB. PoCRA will provide whether data
353	Generic		Data Entry by different stakeholders of the project	We request authority to confirm that the bidder will not be held responsible if the data entry work is not carried out by the stakeholders of the project.	Yes

S.No.	Bidding Document Reference (Section /Clause)	Page Number	Content of RFP requiring Clarification(s)	Query by the Bidder	Reply to Queries
354	Ground Data for Algorithm Development and Validation			Just to clarify: Who will provide the field ground data. Bidder has to collect or government or some third party will provide	Bidder has to generate mechanism to collect the data from the ground
355	General		User concurrency	1. Kindly share the Total no. of expected user from External (Internet) and Backoffice (Internal). 2. Kindly share the the concurrency of Internal (Backoffice) & external (Internet) users.	Kindly refer revised RFB document
356	General		DC - DR Capacity ratio	Does bidder has to provide 1:1 (i.e 100 % of DC) or any other ratio for DC - DR capacity of production environment? Please clarify.	The bidder has to provide the minimal compute and 100% data back up to just keep the system up
357	General		Min. BoM and Qty	Kindly share the Min. BoM & the Qty to be provisioned by the bidder so that technical solution can be evaluated fairly.	Bidder has to provide the solution as per the revised RFB
358	Satellite and Weather Data			Request department to share Satellite Data & Whether data.	Bidder has to provide satellite data for phase 0 and phase 1. Weather data will be provided by the PMU