RFP FOR SELECTION OF SOFTWARE FIRM FOR DEVELOPMENT AND MAINTENANCE OF
KRUSHAK ODISHA - ODISHA'S FARMER DATABASE

(RFP REF No. OCAC-SEGP-SPD-0010-2021-21012)

CORRIGENDUM

SL#	Clause No. / Page No.	Existing Clause	Revised Clause
1.	New Clause	New Clause 4.4.6	New Clause 4.4.6 MSME Exemption The companies/entities registered as MSMEs (specifically for Software Development/Computer Programming) are exempted from submission of EMD and Tender Document cost. A copy of valid MSME registration certificate/Udyog Aadhaar/Udyam is to be submitted for seeking exemption from EMD and Tender document fee. The nature of activity mentioned in the MSME registration certificate/ Udyog Aadhaar/ Udyam must be mentioned as Software Development or Computer Programming.
2.	5.1 point B/ Page 24	The bidder must have an annual average related turnover of Rs. 20 Crores from Software Development only (excluding COTS) and positive net worth in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20.	The bidder must have an annual average related turnover of Rs. 20 Crores from IT/ITES (excluding BPO, Hardware and System Software) and positive net worth in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20.
3.	5.1 point C/ Page 24	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP.	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/3 or higher certificate as on date of submission of this RFP.
4.	5.1 point e/ Page 24	Document Required Copy of Work Order + project completion certificate	No change in criteria Document Required Copy of Work Order + project completion certificate or phase completion certificate in case of ongoing project.
5.	5.1 point f/ Page 24	Document Required Copy of Work Order + project completion certificate	No change in criteria Document Required Copy of Work Order + project completion certificate or phase completion certificate in case of ongoing project.

6.	5.1	New Clause in pre-qualification Criteria	5.1 – Pre-qualification Criteria Point K (added) The bidder should have a centre operational in Odisha or shall furnish an undertaking to open an operation centre within 3 months from award of the project.
7.	5.2/ Page 25	5.2 Technical Evaluation Criteria	5.2 Technical Evaluation Criteria See the revised technical criteria mentioned below
8.	Section no. 7.10 (Technical Support Unit) Page No. 35	TECHNICAL SUPPORT UNIT Point a : The Technical Support Unit(TSU) shall work onsite at Krishi Bhawan under the supervision of Director of Agriculture and Food Production	TECHNICAL SUPPORT UNIT Point a : The Technical Support Unit(TSU) shall work onsite at Krishi Bhawan located at Bhubaneswar. under the supervision of Director of Agriculture and Food Production. Required iinfrastructure such as seating space, help-line (toll-free number), air-conditioning etc shall be provided by Agriculture & FE Department. However, the bidder shall provide the required laptops to the resources. (other points under this clause remain same)

9. Section no. 8.15.5 (Expected Project Timeline) Page No. 81

Sl#	Category	Timeline
a)	Enhancement, Design, Development & Implementation of Krushak Odisha Portal	Within 6 months from the date of work order
b)	Operation & Maintenance Krushak Odisha Portal	36 months from the date of go-live of the Krushak Odisha Portal
c)	Operation & Maintenance Existing Modules / Sub-modules	42 months from the date of work order
d)	Technical Support Unit	36 months from the date of go-live of the Krushak Odisha Portal

Sl#	Category	Timeline
a)	Enhancement, Design, Development & Implementation of Krushak Odisha Portal	Within 9 months from the date of work order
b)	Operation & Maintenance Krushak Odisha Portal	36 months from the date of go-live of the Krushak Odisha Portal
c)	Operation & Maintenance Existing Modules / Sub-modules	45 months from the date of work order
d)	Technical Support Unit	36 months from the date of go-live of the enhanced Krushak Odisha Portal

10.	Section 8.15.6 (8.15.6 Payment Terms) Page No. 81	New Clause	New Clause Point g – Category - Operation and maintenance of existing module for 6 month (till go-live of Krushak Odisha Portal) Payment Term : 100% cost of this item equally divided into 2 quarters. The first quarter payment under this head shall be made after completion of 6 months i.e. 3 months for knowledge transfer of existing modules and 3 months of operation and maintenance of existing modules. However,

			the bidder have to submit a declaration on successful knowledge transfer as per the format at clause no. 9.11 (given below)
11.	New Clause Section 9.11	New Clause (Self Declaration on successful knowledge transfer)	New Clause Clause No. 9.11 - Completion of Knowledge Transfer – Self Declaration (To be submitted in letterhead of company) To The General Manager(Admin) OCAC Subject: Successful Completion of Knowledge Transfer Process Subsequent to the award of work, we M/s_____had undertaken the task of transition of Knowledge from the current service provider on _____ date. We hereby declare that the Knowledge transfer process is successfully completed in collaboration with the current service provider _____and that we are ready to meet the desired service levels and requirements set out in the conditions of the contract. Signature with seal
12.	Section 6.7 Page 29	6.7 Performance Guarantee Point – b PBG would be 10% of the work order value (excluding all taxes) and should be valid for a period of 45 months.	6.7 Performance Guarantee Point – b PBG would be 10% of the work order value (excluding all taxes) and should be valid for a period of 50 months. However, the companies/entities registered as MSMEs (specifically for Software Development/Computer Programming) shall submit PBG as per Govt. of Odisha MSME Policy/Guideline. (other points under this clause remain same)
13.	Section 7.15.2 Page No. 39	7.15.2 Software Maintenance Point A -The SI shall provide unlimited support through Telephone / Email / Video Conferencing / Installation Visit as required as per the service window defined in the RFP	7.15.2 Software Maintenance Point A -The SI shall provide support through Telephone / Email / Video Conferencing / Installation Visit from 10 AM to 6 PM in all Govt. of Odisha working day
14.	Section 9.8 Page 102	9.8 - Commercial Bid Format	9.8 Commercial Bid (Revised) See the revised Commercial bid format mentioned below

5.2 Revised Technical Criteria (Revised)

Sl#	Criteria & basis of evaluation	Max. Mark	Documents attached
1.	The bidder must have an annual average turnover from IT/ICT only (excluding BPO, hardware & System Software) in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20. - ≥ 20 Crores & < 30 Crores: 2 Marks - ≥ 30 Crores & < 40 Crores: 3 Marks - ≥ 40 Crores & < 50 Crores: 4 Marks - ≥ 50 Crores: 5 Marks	5	Copy of statutory auditor certificate
2.	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020.	5	Lease agreement and Declaration from HR Head on no. of software professionals working in development centre located in Odisha
3.	Quality Certification - CMMi Dev/3: 2 Marks - CMMi Dev/5: 4 Marks - ISO/IEC 27000 (series)-3 Mark - ISO 20000 (Series) – 3 Mark	10	Copy of certification.
4.	The bidder should have experienced resources in Min.IO/ Hasura/ ELK Stack/ PgBarman and Flask/React and Material UI/ Laravel Framework/ Open Data Kit/ Superset/ Airflow/ WhatsApp Chatbot/Angular/ FusionAuth Each resource carries 0.5 mark and maximum two resources per technology	10	HR Declaration on technology wise number of persons
5.	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 3.2 crore (excluding hardware) within last 5 years as on 31/03/2020. *(5 marks will be awarded for each project)*	15	Work Order + Go-Live or phase completion Certificate
6.	The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field of agriculture and allied sector (Agriculture, Horticulture, Fisheries, Poultry, dairy farming, Animal Husbandry and Forestry) for any Government Department / Government Agencies in India. (Value of each project should be at least ₹20 lakhs) *(5 marks will be awarded for each project)*	15	Work Order + Go-Live or phase completion certificate
7.	The bidder should have experience in implementation of projects including design, development & implementation of software covering beneficiary registration, DBT and Data unification/data consolidation (all components mandatory) for any Government institution/department in India	10	Copy of work order

SI#	Criteria & basis of evaluation	Max. Mark	Documents attached

8.	Technical Presentation & Documentation (to be submitted in technical bid)
	- Understating on Scope of work and proposed solution
	- Approach & Methodology
	    o Farmer registration
	    o Beneficiary approval
	    o Data Normalization/Deduplication
	    o DBT
	    o Handing errors and exception during registration & DBT
	- Key learnings of bidder during implementation of similar kind of projects in past.
	- Risk & Mitigation
	- Work plan with Project work break down structure
	- Exit Mechanism
		30	

A. COMMERCIAL BID FORMAT (REVISED) – TO BE SUBMITTED IN COMPANY LETTER HEAD

Sl#	Item	Unit	Unit Rate (excluding GST)	Qty	Cost (excluding GST)
a)	Takeover & System Integration of Existing Applications and thereafter Enhancement, Development & implementation of Krushak Odisha Portal	Lump sum		1	
b)	Operation and maintenance of existing module for 6 month (till go-live of Krushak Odisha Portal)	Month		6	
c)	Operation & Maintenance of existing & newly developed modules (after go-live)	Year		3	
d)	Technical Support Unit (onsite resource deployment) (Total of section 9.8.1 as mentioned below)	Month		36	
e)	EV Green-bar SSL Certificate with 3 years validity	Lump-Sum		1	
f)	Security audit of existing and new modules from Cert-in Empanelled firm (once in six month)	No		6	
g)	Change request for future enhancement such as new modules / sub-modules, Mobile App, Integration with other applications (to be paid as per actual, if consumed)	Man-month		50	
h)	Support cost of Database Software and any other third party software (Community based support is also allowed)	Year		3	
	Grand Total				

Above cost is exclusive of all taxes & duties. Taxes shall be paid as per actual.

I.   TECHNICAL SUPPORT UNIT - PRICE BID FORMAT (REVISED)

Sl#	Skill	Number of Resources	Per Man-month rate (Rate of per person per month) (Excluding GST)	No. of Months	Total Cost (Excluding GST)
a)	Project Manager	1		36	
b)	Business Analyst	1		36	
c)	MIS Expert-cum-Trainer	2		36	
			Total		

REVISED TENDER SCHEDULE

Event	Date
Last date of submission of Bids	27.05.2021 by 12 Noon
Opening of General & Technical bid	27.05.2021 by 12:30 Noon
Technical Presentation and Opening of Commercial bid	To be intimated later

Other terms and conditions of the RFP remain same.

SL#	RFP Document Reference(s) (Section & Page No)	Original Content of RFP requiring Clarification(s)	Modification suggestion by Bidder	Response of OCAC
1.	4.4.2 RFP Document Fees4.4.3 Earnest Money Deposit (EMD) Page 17	document Fee of ₹11,800/- Bidders shall submit, along with their Bids, EMD of ₹8,00,000/-	We are registered under MSME are eligible to get benefits under Public Procurement Policy for Micro & Small Enterprises (MSEs) order 2012 as notified by the Government of India, Ministry of Micro Small & Medium Enterprises, New Delhi • Issue of the Tender Sets free of Cost • Exemption from payment of Earnest Money/Bid Security Deposit Kindly consider the above exemption clause for this tender. Please find attached our MSME & NSIC Certificate. Due to pandemic caused by COVID-19 situation, Govt. of India providing additional benefit to MSMEs or Micro, Small and Medium Enterprises to help them tide over this crisis. Supporting Document attached.	See the revised clause in corrigendum
2.	5.1 Prequalification Criteria (General Bid) page 23-24,25	Keeping in view the complexity & volume of the work involved, following criteria are prescribed as pre-qualification criteria for the Bidder interested in undertaking the project. Consortium is not allowed. Technical Bids of only the successful pre-qualifiers will be opened for evaluation	Keeping in view the complexity & volume of the work involved we are requesting you kindly allow consortium	As per RFP. Consortium is not allowed
3.	5.1 Prequalification Criteria (General Bid) page 23-24,25	b) The bidder must have an annual average related turnover of Rs. 20 Crores from Software Development only (excluding COTS) and positive net worth in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20.	We are requesting you kindly make some relaxation on minimum eligibility clause on turnover. As per the EMD amount the approximate value of the project can be 4Cr. and in any RFP the minimum turnover should be 30% of the project cost. And Maximum should be 90% of the project cost at the time of technical scoring. We are requesting you kindly review on it and as it is an open tender everyone should get a fair opportunity.	See the revised clause in corrigendum
4.	5.1 Prequalification Criteria (General Bid) page 23-24,25	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP	We are also requesting you kindly allow SEI CMMi DEV/3 certification also and other Quality and Security certificate like ISO 9001 & ISO 270001 or make this either or for better opportunity for the other bidders. Kindly look into this.	See the revised clause in corrigendum

5.	5.1 Prequalification Criteria (General Bid) page 23-24,25	The bidder must have successfully completed at least following numbers of e-Governance project for any Government Department / Government Agency / PSU in India during last 5 years as on 31/03/2020 and value specified below. - 1 project not less than ₹3.6 Cr. OR - 2 projects not less than ₹2.4 Cr. each OR - 3 projects not less than ₹1.6 Cr. each	We are requesting you kindly allow ongoing projects as due to Covid son may project has not yet completed dur to delay. We are requesting you kindly do the needful.	Ongoing projects are allowed. See the revised clause in corrigendum
6.	6 5.2 Technical Evaluation Criteria, Page 25, 26	The bidder must have an annual average turnover from IT/ICT only (excluding hardware & COTS) in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20. - ≥ 20 Crores &< 30 Crores: 2 Marks - ≥ 30 Crores &< 40 Crores: 3 Marks - ≥ 40 Crores &< 50 Crores: 4 Marks - ≥ 50 Crores: 5 Marks	As previously stated regarding the turnover clause, we are again requesting you to amend this clause to The bidder must have an annual average turnover from IT/ICT only (excluding hardware & COTS) in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20. - ≥ 1.5 Crores &<5 Crores: 2 Marks - ≥ 5 Crores &<10 Crores: 3 Marks - ≥ 10 Crores &<15 Crores: 4 Marks - ≥ 15 Crores: 5 Marks As you are also asking single order copy of 3.6 Cr which is 80% of the project value as per guideline	See the revised technical evaluation criteria in corrigendum
7.	5.2 Technical Evaluation Criteria, Page 25, 26	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crores (excluding hardware) within last 5 years as on 31/03/2020.: 15 Marks (5 marks will be awarded for each project	We are requesting you kindly provide the number as per the pre-qualification. A company should have experience in - 1 project not less than ₹3.6 Cr. OR - 2 projects not less than ₹2.4 Cr. each OR - 3 projects not less than ₹1.6 Cr. each So, the marking system should be like this. In the marking you are asking 3 projects with a value of 4Cr each with a total of 12Cr. which is more than 3 times of the project value and cannot be the criteria for marking.	See the revised technical evaluation criteria in corrigendum

8.	5.2 Technical Evaluation Criteria, Page 25, 26	The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field of agriculture and allied sector (Agriculture, Horticulture, Fisheries and Animal Husbandry) for any Government Department / Government Agencies in India. (Value of each project should be at least ₹20 lakhs) (5 marks will be awarded for each project). Mark: 20	We are requesting you kindly do some relation on this clause as this is a software development project & any experience software development company can do the work. we are also appreciating that you are asking for experience from similar department, but it is caring a huge marking (20). We are requesting you kindly accept other project like integrated web & mobile application with any Govt Department for better competition	See the revised technical evaluation criteria in corrigendum
9.	5.2 Technical Evaluation Criteria, Page 25, 26	The bidder should have experience in implementation of projects including design, development & implementation of software covering beneficiary registration, DBT and Data unification (all components mandatory) for any Government institution/department in India	This is again so much specific, we are requesting you kindly allow projects where user management (different users) can be added for any Govt. organization and also the marking is huge for this criterion, we are requesting you kindly amend.	See the revised technical evaluation criteria in corrigendum
10.	5.2 Technical Evaluation Criteria, Page 25, 26	Technical Presentation - Approach & Methodology - Risk & Mitigation - Work plan - Exit Mechanism Marks: 10 Prototype Demonstration – Farmer registration – Beneficiary approval – Data Normalization/Deduplication – DBT Transfer: Marks 20	In Technical presentation and Prototype Demonstration, So, much marking (30) on Qualitative aspect in which there are no such measurement criteria, and which is based upon only description and the evaluator perception. So, requesting you kindly provide marking on qualitative aspects like Quality Certificate (CMMi Dev/3 , ISO 9001, ISO 270001 etc.). Also, during the Bidding stage is Prototype or POC is a PAID prototype? Kindly confirm We are requesting you kindly	See the revised technical evaluation criteria in corrigendum
11.	Section no. 5.1 (Prequalification Criteria) Page No. 25	The bidder must have 50 technical resources having minimum educational qualification B.E/ B.Tech/ MCA/MBA with at least 2 years of experience in its payroll.	We request you to raise the requirement of team size to 200 technical resources instead of 50 technical resources so that experienced bidders can be encouraged to participate in the bidding process and robust yet competitive solutions can be pitched for adequate fulfillment of the requirement.	No change. As per RFP
12.	Section no. 5.2 (Technical Evaluation Criteria) Page No. 26	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020.	Would request you to kindly consider HR Decalaration letter for the IT resources instead of EPF Challan. (Department is aware that EPF deduction is optional for individuals drawing a basic of salary more than INR 15000 /-per month, and most of our employees fall under this EPFO optional category).	See the revised clause in corrigendum

			So we would like to request you to kindly consider HR declaration letter for the IT resources.	
13.	Section no. 5.2 (Technical Evaluation Criteria) Page No. 26	The bidder should have experienced resources in Min.IO/ Hasura/ ELK Stack/ PgBarman and Flask/React and Material UI/ Laravel Framework/ Open Data Kit/ Superset/ Airflow/ WhatsApp Chatbot/Angular/ FusionAuth Each resource carries 0.5 mark and maximum two resources per technology	As per the clause, it has been asked to share the HR declaration with Employee Name and the name of the project where technology has been used. We would like to request the department to only solicit a simple HR declaration stating that we have experienced resources in the above stated technologies as we would be unable to share the names/details of such projects and resources working on the same as we have NDA with a number of such clients.	See the revised clause in corrigendum
14.	Section no. 5.2 (Technical Evaluation Criteria) Page No. 26	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020.	We would request the department to consider Partial Completion/Phased Completion as large Government Sector Projects are made live in phases with ongoing evolutionary changes in due course of time i.e. UAT/Go-Live may be considered of certain phases.	See the revised clause in corrigendum
15.	Section no. 5.2 (Technical Evaluation Criteria) Page No. 27	The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field of agriculture and allied sector (Agriculture, Horticulture, Fisheries and Animal Husbandry) for any Government Department / Government Agencies in India. (Value of each project should be at least ₹20 lakhs)	We would request the department to consider software development project in other field/sector as well instead of limiting only in the field of Agriculture, Horticulture, Fisheries and Animal Husbandry to ensure larger participation of the bidders. We request the department to kindly amend the clause as follow: "The bidder should have experience in implementation of software projects including Design, Development & Implementation of software systems/web portals/web systems/e-Governance projects for any Government Sector in India. (Value of each project should be at least ₹20 lakhs).	See the revised clause in corrigendum

			Consequent to point 3, 4 & 5 above we would like to urge the department to make the marking scheme more broader in order to enable wider participation and enable the department to get more competitive solutions and prices. The criterias in their present form would not provide an even playing field & narrow down the set of bidders participating and companies who have already developed the systems (with which integrations are required in envisaged system) would carry undue advatange.	
16.	Section no. 7.9 (Handholding Support) Page No. 35	Handholding Support a) The SI shall also provide hand-holding support to DA&FE personnel for a period of three months from the date of go-Live. c) The SI shall provide at least two people for hand-holding support at DA&FE.	Please Specify if the handholding support is Online or Offline,if Offline please specify the Venue/Location How Many User Need to be Trained? How Many Batch/Session need to be considered for handholding support.	Handholding support should be provided online. Around 2000 personnel should be trained through multiple virtual sessions.
17.	Section no. 7.10 (Technical Support Unit) Page No. 35	7.10 Technical Support Unit a) The Technical Support Unit(TSU) shall work onsite at Krishi Bhawan under the supervision of Director of Agriculture and Food Production	Seating environment for and infra for the Technical Support Unit team will be provided by whom? By Infrastructure, we mean seating space, help-line (toll-free number), systems/computers, air-conditioning etc.	See the revised clause in corrigendum
18.	Section no. 8.15.5 (Expected Project Timeline) Page No. 82	8.15.5 Expected Project Timeline Enhancement, Design, Development & Implementation of Krushak Odisha Portal: Within 6 months from the date of work order	You are requested to increase the timeline for "Enhancement, Design, Development & Implementation" from 6 months to at least 10 months as the project is quite sizeable and would require this long for design & development of the portal.	See the revised clause in corrigendum
19.	Section no. 3.2 (Project Background) Page No. 12	Krushak Odisha Database is formed with 81,22,838 unique Aadhaar numbers by consolidating the below mentioned farmer list: − KALIA: 56 Lac Farmers − PMFBY: 25 Lac Farmers − PPAS: 15 Lac Farmers − Seed DBT: 25 Lac Farmers	We are assuming that Department have already developed a portal where all these schemes (KALIA, PMFBY, PPAS, Seed DBT) are fully operational, and it is expected from bidder to integrate those existing applications data in to the proposed application (Krushak Odisha porta) and simultaneously maintain the existing Krushak Odisha Database application. Also, we are assuming that the technical documentation and user manuals of each of these applications along with source code will be shared with the successful agency. Please clarify if our understanding is correct Also, we are assuming that the Department will	Yes. Knowledge Transfer, Source Code and APIs will be facilitated by the Department.

				provide the Complete Knowledge Transfer session of the developed application and API's.	
20.	Section no. 3.2 (Project Background) Page No. 12	Agri Extension App- an android based mobile app that is being used by 4000+ the village agricultural workers (VAW) for farmer verification		We are assuming that Agri Extension App is already been developed, and we just need to integrate the Agri Extension App with the proposed application (Krushak Odisha porta). Please clarify if our understanding is correct. Also, we are assuming that the Department will provide the Complete Knowledge Transfer session of the developed application and API's.	Yes. Agri Extension App is developed and being used for certain aspects of Krushak Odisha Portal. Integration of existing usecases and new use cases should be done. All Knowledge Transfer, source code and APIs will be facilitated by the Dept.
21.	Section no. 3.2 (Project Background) Page No. 12	Decision Support Report- an integrated decision support system that has been developed as a powerhouse of all the data points required for decision making. It shall be connected to the Krushak Odisha Database, for reporting, review and decision making.		We are assuming that Decision support system is already been developed, and we just need to integrate the Decision support system with the proposed application (Krushak Odisha portal). Please clarify if our understanding is correct. Also, we are assuming that the Department will provide the Complete Knowledge Transfer session of the developed application and API's.	Yes. Decision Support System is developed. Integration of existing usecases and new use cases should be done. All Knowledge Transfer, source code and APIs will be facilitated by the Dept.
22.	Section no. 7 (Scope of Work) Page No. 32	Scope of Work: Data Migration		Please share what would be the exact amount of data to be ported into the new application. ALso we need to understand whether any data cleaning will be required? What format will the data be provided to the Bidder?	Currently data migration is not required. However, if there is requirement of data migration, the SI shall provide the support.
23.	Section no. 7 (Scope of Work) Page No. 32	Scope of Work: ─ Post Implementation Support such as Application Maintenance, Application Support, System Support, Operation Support, etc of existing applications and the newly developed Krushak Odisha Portal.		Request you to kindly specify the exact no. of existing applications and the brief summary of those applications which need to be maintained.	Refer to section 7.15 and sections 8.3 till 8.8
24.	Section no. 8.8 (Component – 5) Page No. 59	8.8 Component – 5 [Integration with existing Department Databases]		We are assuming that API's for the all the existing department databases, any third party applications will be provided by the Department. Bidders responsibility is only to integrate those API's in the Proposed application. Please clarify if our understanding is correct.	All APIs will be facilitated by the department.
25.	Fact Sheet (Section 7.25.5)Pageno-9 & 8.15.5 Expected Project Timeline Pageno-82	A. Total project period is 42 months. The System Integrator must complete development within 6 months from receiving the work order. Post Implementation Support would be provided for a period of 36 months after		We understand that the operation & maintenance of the existing modules / sub-modules shall be for 42 months which shall start at the beginning of the project, But we would like to request to provide a specific timeline of source code handover and knowledge transfer to the selected SI from the existi g SI	Source code handover and Knowledge transfer will be completed within three months from issue of work order.

		go-live of the Application B. Project Timeline		
26.	5.2 Technical Evaluation Criteria Pageno-26	The bidder must have an annual average turnover from IT/ICT only (excluding hardware & COTS) in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20. - ≥ 20 Crores & < 30 Crores: 2 Marks - ≥ 30 Crores & < 40 Crores: 3 Marks - ≥ 40 Crores & < 50 Crores: 4 Marks - ≥ 50 Crores: 5 Marks	We request you to modify the clause as below: The bidder must have an annual average turnover from IT/ICT only (excluding hardware & COTS) in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20. - ≥ 20 Crores & < 30 Crores: 2 Marks - ≥ 30 Crores & < 40 Crores: 3 Marks - ≥ 40 Crores & < 45 Crores: 4 Marks - > 45 Crores: 5 Marks	No change. As per RFP
27.	5.2 Technical Evaluation Criteria Pageno-26	The bidder should have experienced resources in Min.IO/ Hasura/ ELK Stack/ PgBarman and Flask/React and Material UI/ Laravel Framework/ Open Data Kit/ Superset/ Airflow/ WhatsApp Chatbot/Angular/ FusionAuth Each resource carries 0.5 mark and maximum two resources per technology	A bidder may not have exeprience in all technologies mentioned. Hence, we request to amend the clasue as below: The bidder should have experienced resources in below technologies: Min.IO/ Hasura/ ELK Stack/ PgBarman and Flask/React and Material UI/ Laravel Framework/ Open Data Kit/ Superset/ Airflow/ WhatsApp Chatbot/Angular/ FusionAuth - Any 2 of the above - 5 marks - 3-5 of the above- 8 marks - more than 5 of the above- 10 marks Documents required: HR Declaration certifying the same.	See the revised clause in corrigendum
28.	5.2 Technical Evaluation Criteria Pageno-27	The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field of agriculture and allied sector (Agriculture, Horticulture, Fisheries and Animal Husbandry) for any Government Department / Government Agencies in India. (Value of each project should be at least ₹20 lakhs) (5 marks will be awarded for each project) Documents Required: Work Order + Go-Live certificate	We request you to allow showcasing other documents as proof as amend the clause as below: The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field of agriculture and allied sector (Agriculture, Horticulture, Fisheries and Animal Husbandry) for any Government Department / Government Agencies in India. (Value of each project should be at least ₹20 lakhs) (5 marks will be awarded for each project)	See the revised clause in corrigendum

			Documents Required: Work Order/Go-Live certificate/ UAT/ Performace Certificate from Client/ Client Reference Certificate	
29.	6.7 Performance Guarantee Pageno-29	a) OCAC will require the selected bidder to provide a Performance Bank Guarantee (PBG), within 15 days from the date of notification of award. b) PBG would be 10% of the work order value (excluding all taxes) and should be valid for a period of 45 months. c) The Performance Guarantee shall be kept valid till completion of the particular work order period.	• With reference to the Notification No. F.9/4/2020-PPD released by Ministry of Finance, GoI on 12.Nov.2020 regarding Performance Security, the same has been reduced to 3% of the contract value. • PBG against onsite resources & software enhancement services purpose may kindly excluded. • PBG may be millstone base rather for total project period & cost Request you please consider the notification and revise the clause	See the revised clause in corrigendum
30.	7 Scope of Work Pageno-31	Take over the source code and technical documents of the existing applications / modules	Request the client to kindly clarify the below: 1. The volume of data to be migrated to the new application. 2. No of vendors involved to share the source code and data 3. DB size and type of existing applications to	1. Volume of Data: clarification has already been given in previous point 2. No. of vendors involved: 1 3. DB Size and type of existing applications: ~160GB (Decision Support System), 100GB (Farmer Database), 6GB (Superset), 300 GB (Farmer Database Backup)
31.	A. 7 Scope of Work WhatsApp Chatbot B. 8.5.2.6 Department YouTube & Twitter handle Page no-53 C. 8.10 Component – 7 [Communication Channel] Page-no-70	1. Communication Channel WhatsApp chatbot to manage data requests, FAQs and Queries Connect with ADAPT Support (WhatsApp API) To chat with the Department Support Team on WhatsApp. 2. The selected vendor will need to, as required, maintain and make all further changes to the existing functionalities and develop new functionalities as specified by the steering committee. 3. WhatsApp Chatbot With the above-mentioned communication engine, a WhatsApp Chatbot, is required for the following - 1. FAQs and Queries - Pre-configured in the system	There are five authorized entity present in India who are authorized to provide Whats App chatbot with a pre-defined cost for any Govt. use. However they only provide the procurement invoice in the name of the Govt. Dept. so we would like to request DA&FE Dept. to procure the Whats app chatbot and SI shall only be responsible for the integration.	The Dept. shall procure the WhatsApp Chatbot and SI will be responsible for the integration.

		2. Manage data requests - To access specific data points across reports on the Decision Support System		
32.	7.6 Testing Pageno-32	SI shall provide the testing strategy including Traceability Matrix, Test Cases and Conduct Testing of various components of the software developed / customized (e.g. including Conference Room Pilots, Unit Tests, System Integration Tests, Security Testing and final User Acceptance Test).	We understand that the Conference Room Pilots shall be carried out in a central location. Kindly clarify the list of activities to be performed at the conference room pilot.	Though testing shall be done at centrally but field officials shall involved in testing process on various test / use cases
33.	7.9 Handholding Support Page no- 34 7.16 Expected Deployment of Personnel Page-41	A. a) The SI shall also provide hand-holding support to DA&FE personnel for a period of three months from the date of go-Live. b) These personnel must be clearly identified exclusively for this role. c) The SI shall provide at least two people for hand-holding support at DA&FE. B. The bidders have to furnish resumes of key personnel both to be engaged during implementation, operation & maintenance phase. Bidder is required to submit a detailed work plan showcasing involvement of key resources in their technical proposal. The bidder has to engage the same personnel for the period of at least six month from date or commencement of project.	We understand the personnel will be deployed Offsite. Kindly confirm.	Yes

34.	7.10 Technical Support Unit Page no- 34	The Technical Support Unit(TSU) shall work onsite at Krishi Bhawan under the supervision of Director of Agriculture and Food Production	We understand that replacement of any resources shall be mutually agreed from both parties and a intimation window of 30 days shall be allowed.	Replacement of resources is allowed, basis agreement from both parties. An intimation window of 30 days shall be provided.
35.	7.11 Training Pageno-35	The SI shall provide centralized training to the users identified by DA&FE on a train to trainer concept	1.Kindly provide the number of stakeholders to whom training will be provided. 2. Also, we assume that the department will provide the infrastructure required for the training. Please confirm.	Handholding support should be provided online. Around 2000 personnel should be trained through multiple virtual sessions.
36.	7.13 UAT & Go-Live Pageno-35	UAT & Go-Live	1.In case there is delay in receiving the API for other applications, Bidder should not be held responsible for the same. 2.We request to consider that dependency on integration & it should not impact the UAT or Go-Live date.	It is the responsibility of the SI to work with the other SIs and obtain APIs
37.	7.14 Infrastructure Support Page no-36	Infrastructure Support	We assume that any OS/DBMS License if required at the time of project implementation shall be provided by the client. Please confirm.	Only OS license shall be provided by OCAC. But for other licenses such as Database, application server or any other third-party software license shall be provide by bidder.
38.	7.14.1 Study & Feasibility Assessment Pageno-36	c) The SI will access existing SDC infrastructure and prepare a Gap analysis report for hardware / software which needs to be procured as well provide detailed specification of hardware to be procured.	We understand that the SI's role is to provide infra requirement and sizing and the required infra shall be procured by the client.	Hardware Infrastructure along with OS license shall provided by SDC
39.	8.4.1 Current Situation PageNo-46	All these unique profiles have been added in the application database at the moment. These profiles will undergo a 100-day field verification after which they will be moved to the identity, profile and other databases.	We understand that the field verification shall be the responsibility of the DA&FE and the SI shall be only responsible for the storing of verified data in the system. Please confirm.	Field verification will be done by the Department staff on the field. SI will only be responsible for storing of verified data and providing necessary reports/dashboards to the department on the quality of data and other relevant parameters.
40.	8.5.1 Krushak Odisha Portal , Frequently Asked Questions (FAQs) Page no- 47	This portal is currently used by District and Block Officers. It would have following functionalities – i)Frequently Asked Questions (FAQs)	We understand that the standardize FAQ Shall be shared by Department for the implementation of the project. Please confirm.	SI shall prepare the FAQ in consultation with Department.

41.	8.5.1 Krushak Odisha Portal , Communication Channel Pagano- 47	This portal is currently used by District and Block Officers. It would have following functionalities – k) Communication Channel	We understand that all the required communication channel procurement cost shall be born by Department and SI will be responsible for the integration only.	Communication channel will be procured by the department
42.	8.5.2.5 Help Section For Tutorial Videos, Instructional Manual and other training material. page no- 52	For Tutorial Videos, Instructional Manual and other training material.	1. We understand that the mentioned Tutorial Videos, Instructional Manual and other training material for the farmers shall be supplied by Department and SI shall only be responsible for the uploading of all document in the portal. 2. Kindly provide the details regarding the tentative size of all the related files for training mentioned in this section.	1. Portal/App related training videos should be prepared by the SI. 2. Domain related videos will be prepared by the Department. 3. All videos can be uploaded on the Dept. YouTube channel and should be embedded on the portal.
43.	8.5.2.6 Department YouTube & Twitter handle Page no-52	Department YouTube & Twitter handle	We understand that the SI will only be responsible for the Integration	Yes, SI will be responsible for integration.
44.	8.5.3 Decision Support System Pageno-54	● Visualization and Reporting - All the different datasets that are collected through Decision Support System are stored in the database and visualized on the DSS using open-source software - Apache Superset (https://superset.incubator.apache.org/)	We understand that the visualization and reports shall be visible in the portal dashboard which would required analytics in the back end for the Decision Support System, so please confirm if annalytical dashboard shall be included in the scope of portal development.	All necessary visualisation and reports are included in the scope of portal development.
45.	8.5.3 Decision Support System Pageno-55	The selected vendor will need to, as required, maintain and make all further changes to the existing functionalities and develop new functionalities as specified by the steering committee.	We understand that all the requirement shall be freeze at the time of requirement gathering in the initial phase of development by the committee which shall be approved in the SRS and FRS accordingly. After golive any change shall be considered as change request. Please confirm	The requirements shall be freezed at the time of requirement gathering and shall be approved by the department.
46.	8.7 Component – 4 [Authentication Ecosystem] ● Face Recognition Page no-59	Face Recognition - As a further layer of authentication and check at the time of farmer transactions and scheme delivery, a liveness and face match check will be integrated. The face match algorithm should return a score, on comparing the live photograph of the farmer, and an existing base photograph. All above a certain threshold, to be successfully authenticated. The selected vendor will need to integrate the Krushak Odisha Platform, with an	We request to clarify the scope in detail as this system has dependency on various component which includes hardware and location as well.	API for face recognition shall be provided by OCAC. However, the bidder has to integrate the API in the new system. Similarly, the required hardware for implantation of face recognition shall be procured by department.

		accurate face match API to fulfil the above-mentioned use-case.		
47.	8.8 Component – 5 [Integration with existing Department Databases] Pageno-59	The Krushak Odisha Database will be linked to all the existing farmer transactional systems. The selected vendor will need to integrate the Krushak Odisha database with all the relevant systems, the above list being non-exhaustive, and can be modified as per the direction by the Steering Committee. Please note, all integrations will be defined as per license agreements with respective departments and concerned authorities.	1. For seamless integration with other application of Government of Odisha we would request you please provide the technical specifications of applications listed under section 8.8 2. We understand that the API / Web service of the existing application of Government (Listed in RFP) / gateways shall be provided by OCAC. Please confirm 3. Kindly categorise the list of third party applications which are absolutely mandatory for UAT & those which can be integrated after UAT	1. Technical specifications have to be gathered by the SI. The Department will facilitate all coordination with the relevant teams and other SIs. 2. API/Web Service of existing applications of government will be provided by the respective teams and have to be coordinated by the SI through the department. 3. As per the current understanding, the third-party applications to be integrated are Seed DBT, Farm Mechanisation, MKUY, e-Pest and PPAS. However, this list is not exhaustive and is subject to addition.
48.	8.9 Component – 6 [Rule Engine] Page-61	Rule Engine ● Schemes Eligibility Engine Schemes Eligibility Engine There are 80+ schemes that are implemented by the Department each year. Most of the schemes have an eligibility criteria.	The Scheme details shall be provided by the Department or the technical committee for the engine creation and SI will be responsible for the configuration of the engine in the system. Please confirm.	Scheme details will be provided by the department.
49.	8.13.7 Chatbot Pageno-76	Chatbot shall be used to provide quick and accurate responses to the users. Users shall communicate with Chatbot using a chat interface just like they would converse with another person.	We understand that the portal chatbot mention here is different from the communication Whats app chatbot. Here the FAQ for the portal chatbot shall be finalized by the Department and SI shall be responsible for only the development and integration of Portal chatbot with pre-defined FAQ. Please confirm.	The portal chatbot is different from the WhatsApp chatbot. All FAQs will be provided by the department.

50.	8.15.6 Payment Terms Page no-81	Design, Development & Implementation of Krushak Odisha Portal ─ 20% payment on Prototype & SRS Approval ─ 20% payment on completion of development & hosting in the staging server ─ 20% payment in acceptance of UAT & completion of 1st Security audit ─ 20% payment on Go-Live ─ Balance 20% will be paid after 1 year of successful Go-Live of the application.	We would like to request you to modify the clause as Design, Development & Implementation of Krushak Odisha Portal ─ 20% payment on Prototype & SRS Approval ─ 20% payment on completion of development & hosting in the staging server ─ 20% payment in acceptance of UAT & completion of 1st Security audit ─ 30% payment on Go-Live ─ Balance 10% will be paid after 1 year of successful Go-Live of the application.	No change. As per RFP
51.	9.7 Financial Bid Letter, Page no 103	Technical Support Unit (onsite resource deployment)	Total four resources are to be deployed in TSU having different experience & qualification. Hence, we would request you to ask their cost separately for each designation.	See the revised Price bid format in corrigendum
52.	Generic	Generic	Kindly Specify the total number of users & concurrent users who will use the system	Approximate number of users shall be 1000 with concurrency of 10%
53.	3.3.4 Technical Specifications Existing Application and Technology Component SL No. 1. Page No. 14 of 128	PostgreSQL Database Management The entire Krushak Odisha database is maintained on this open-source PSQL application	This query is from EnterpriseDB (EDB) the Database OEM of PostgreSQL. PostgreSQL is purely an open source data platform that may create severe security risk, performance issues for your applications and affect your compliances badly. There would be no Technical Support & Service Level Agreement from the Database OEM to ensure 24x7 Global Support and proper Support Mechanism Roadmap. This Free PostgreSQL Database is not at all recommended for the production purpose and for your mission critical applications. We request you to include Enterprise Supported Version of Postgres DB in the RFP database technical specification for better performance, High security features, better scalability & consistency which will also ensure software endurance during the project life cycle.	Bidder may quote for support against database and any other third party software and mention the rate in commercial bid

54.	3.3.4 Technical Specifications Existing Application and Technology Component SL No. 1. Page No. 14 of 128	PostgreSQL Database Management The entire Krushak Odisha database is maintained on this open-source PSQL application	What is the size of the existing PSQL database in terms of physical / virtual cores ?	4 VM cores, database size is around 100GB, daily backups are around 300GB
55.	Technical Architecture of Odisha Farmer Database Page No. 44 of 128	3 Database Instances	In the Technical Architecture 3 DB Instances mentioned while in Page No. 67, RFP mentioned 4 databases under "Model for OCL". Please clarify total DB instances ?	The DB instances in both cases are indicative.
56.	8.12.3 Deployments Page 73 of 128	All deployments to be containerized and the stack needs to be horizontally scalable. Orchestration to be done through Docker.	Is PostgreSQL Database will be containerized and on docker?	Yes
57.	Page no. 32 Section 7 Scope of Work	Design, Development (including enhancement) & Implementation of Krushak Odisha Portal as per the modules/sub-modules mentioned in the RFP.	Is there any preference of platform on which the proposed application to be developed?	Refer to section 3.3.4
58.	Page no. 32 Section 7 Scope of Work	Design, Development (including enhancement) & Implementation of Krushak Odisha Portal as per the modules/sub-modules mentioned in the RFP.	What will be the no. of users who will access the applications?	Approximate number of users shall be 1000 with concurrency of 10%
59.	Page no. 41 Section 7.16 Expected Deployment of Personnel	Design, Development (including enhancement) & Implementation of Krushak Odisha Portal as per the modules/sub-modules mentioned in the RFP.	As we understand, the development of the application will be done from offshore location? Please confirm if any resources to be deployed onsite during the development?	Onsite deployment of resources is not required during development phase. But, the resources for TSU as mentioned in section 7.10 shall be deployed after Go-live.
60.	Page no. 32 Section 7 Scope of Work	Design, Development (including enhancement) & Implementation of Krushak Odisha Portal as per the modules/sub-modules mentioned in the RFP.	As we understand, that the portal will be developed in English language only. Please speacify if any other language is included?	Portal shall be developed in English and Odia languages.
61.	Page no. 35 Section 7.10 Technical support unit	Manpower to be deployed by SI for TSU will comply with minimum qualification as mentioned in following table.	Will the Technical Support Unit be deployed onsite? If yes, which location?	Resources of TSU shall be deployed in Krushi Bhavan, Bhubaneswar

62.	Page no. 36 Section 7.11 Training	The SI shall provide centralized training to the users identified by DA&FE on a train to trainer concept.	Will the training to be done online?	Handholding support should be provided online. Around 2000 personnel should be trained through multiple virtual sessions.
63.	Page no. 82 Section 8.15.5 Expected Project Timeline	Operation & Maintenance Existing Modules / Sub-modules; Payment Terms- 42 months from the date of work order	Operations and maintenance defined in payment terms is for 12 quarters (3 yrs) but mentioned as 42 months	Operation and maintenance shall start after Go-live of the Krushal Odisha Portal. However, operation and maintenance of existing module shall start after 3 months from work order and knowledge transfer.
64.	5.1 Prequalification Criteria (General Bid) C. Valid CMMI Cerificate Page No. 25	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP	Request for changing the clause "The bidder must possess a valid CMMi 3 or higher certification as on date of submission of this RFP"	See the revised clause in corrigendum
65.	5.2 Technical Evaluation Criteria 2. Development Centre at Odisha Page No. 26	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020	Request for addition of the clause If the bidder does not have any presence in Odisha, then it is must submit an undertaking to open a local office at Odisha within 1 months from the date of issuance of LoI/work order	No change. As per RFP
66.	General Queries	Whatever Functions mentioned in Agri Ext. App, Krushak Odisa Portal, DSS are currently available and we need to mantain them and add new features	Request you to let us know all the features and functionalities mentioned are currently available & we needs to maintain it. We need to add some new features into it? OR We needs to revamp and reengineer entire applications with existing and new functionalities?	Refer to section 8 of the RFP. All existing systems need to be maintained and ensure bugs are fixed.
67.	General Queries	Technology Stack	Do you have any references about "Technology Stacks" to develop web and android application? Technology Expertise required in RFP only those technologies can SI used or SI can propose other technology stacks as well.	Refer to section 3.3.4
68.	General Queries	Krushak Odisha Database and Application Agri Extension Application Descision Support System	Request you to please let us know that Feature & Functionality mentioned in RFP is already developed or only some features are developed or we need to revamp the entire application? Please share more details on this.	

69.	General Queries	Mobile Applications	Do you need Android app only or both android & iOS	Only android app
70.	General Queries	Integration, API	Request you to let us know the count of integration, API you required to be integrated with the system. Also, let us any preference while using API or Gateways.	Please refer clause 8.8 of RFP
71.	General Queries	Content	Request you to let us know who will provide the content for the system? We are assuming it should be provided by client.	1. Portal/App related training videos should be prepared by the SI. 2. Domain related videos will be prepared by the Department. 3. All videos can be uploaded on the Dept. YouTube channel and should be embedded on the portal.
72.	General Queries	Type of Content	Who will provide all the type of content required for the system? We are assuming it should be from Client's end/	Department will provide the information necessary. However, it is the responsibility of the SI to translate requirements.
73.	General Queries	SEO	Please let us know, SEO (Digital Marketing) will be the part of the maintainance or not? We are assuming it will not. Need your insights on this.	No.
74.	General Queries	Data Backup & Recovery	Do you have any plan ready for Data Back Up and Recovery? What will the size of HardDisk is required for Back Up? What will be the frequency of the Back Up?	Current backup database is of the size 300GB, backups are saved for a week. Please refer to 8.11 to understand the technology components required for recovery.
75.	General Queries	Firewall	Do you need Web application firewall? If yes, then any prefernce from your end regarding the technology and data base of the website?	No. SDC shall provide firewall

76.	3.2 Project Background 3.2.1 About the Department Page No. 12	a) Krushak Odisha Database is formed with 81,22,838 unique Aadhaar numbers by consolidating the below mentioned farmer list: − KALIA: 56 Lac Farmers − PMFBY: 25 Lac Farmers − PPAS: 15 Lac Farmers − Seed DBT: 25 Lac Farmers	Request you to let us know that the details of KALIA,PMFBY, PPAS and Seed DBT system to know the scope of the project in depth. Please let us know all the entries are verified or needs to be Verify	The data from these sources have already been integrated into the Unified Farmers Database. Following categories are captured. 1. Demographic Details 2. Main Activity and Other Activities 3. Family Details 4. Bank Details 5. Cropping Details 6. Allied Activity Details
77.	3.3 Existing Applications 3.3.1 Krushak Odisha Database Page No. 13	The created profiles undergo 100-day field verification. Once verified all farmers are given a Farmer ID i.e., a 10 character randomly generated alpha-numeric code (with first 2 alphabets and last 8 numbers) called Krushak Parichay Patra.	Request you to let usknow the proces of Famer Verification? The verification process takes place manually or there will be any API for automated verification? If API is there, Who will provide the API for the same? We are assuming that it would be provided by Client.	The verification is done by department staff at the gram panchayat level using Agri Extension App (already developed).
78.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - D, Page No. 13	Each officer can view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System.	Request you to please let us know "Dakshyata Program - Department's Employee Performance Management System" is already developed & we need to developed this or needs to upgrade it with additional features?	Dakshyata is developed, however, enhancement may be made based on the department's requirements.
79.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - E, Page No. 13	The Tutorial Videos, Instructional Manual and other training material are available in the Help Section of the application	Who will provide Tutorial Videos, Instructional Manual and other training material? We are assuming that it wil be provided by the Client' end.	Tutorial videos will be prepared by the Department. Instruction manual shall be prepared by the SI in consultation with the department.

80.	3.3 Existing Applications 3.3.3 Decision Support System (DSS) 3.3.3.1 Agri-Operations Point A, Page No. 13	This module captures the weekly progress/status of various agricultural operations including: − Rainfall status, − Reservoir status, − Supply of Seeds, − Supply of Fertilizers, − Crop Loan Disbursement, − Crop Insurance Enrolment and Claim Disbursement − Crop Coverage status	Request you to please let us know "Weekly Progress/Status" of various agriculture are maintained manually or there is any API developed for it. Please let us know more details on this.	The application has already developed and currently live
81.	5 Criteria for Evaluation 5.2 Technical Evaluation Criteria Point - 4, Page No. 26	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020	We request you to amend this clause as The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 3 crore (excluding hardware) within last 5 years as on 31/03/2020	See the revised clause in corrigendum
82.	7 Scope of Work 7.7 Third Party Audit Page No. 34	The SI needs to ensure that the solution is in compliance with the CERT-In Security Policy and Guidelines	Request you to let us know duration interval of CERT IN Audit you required? Please let us know do you required STQC audit? If yes, let us know duration interval of STQC Audit you required?	Halfyearly
83.	7 Scope of Work 7.8 SSL Certification Page No. 35	a) Secure connection between Client and Server through Secure protocol HTTPS b) Encryption of Data during transmission from server to browser and vice versa c) Encryption key assigned to it by Certification Authority (CA) in form of a Certificate. d) SSL Security in the application server	Request you to let us know that which type of SSL do you required? Who will provide the SSL? We are assuming that it will be provided by the Client.	Bidder has to provide. Cost of EV SSL is alterady mentioned in price bid.
84.	7 Scope of Work 7.15.2 Software Maintenance Point A, Page No. 39	The SI shall provide unlimited support through Telephone / Email / Video Conferencing / Installation Visit as required as per the service window defined in the RFP	Request you t let us know Telephone / Email / Video Conferencing / Installation Visit cost will be provided by client or SI. We are assuming that Client will provide the all the infra.	See the revised clause in corrigendum. Department will provide necessary infrastructure.

85.	8 Functional & Technical Requirement 8.3 Technology Specifications & Use Cases Page No. 45	The technology architecture is a micro-services architecture and consists of different configurable and modular technology elements that are wired together to power the Krushak Odisha Platform. The description of each of these elements is presented below.	Request you to let us know the development should be done with Micro-Service level architecture only or any other architecture can be introduced with other logic?	The architecture provided in the architecture diagram should be followed. However, the SI can propose modifications to the architecture if necessary. The decision to change the architecture can be decided by the steering committee.
86.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point A, Page 48	Homepage and additional static informational pages	Request you to let us know who will provide the content for the Pages? We are assuming it should be provided by client.	SI has to collect relevant information from the department.
87.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point D, Page 48	Farmer Verification	Request you to let us know details about Farmer Verification? How the farmer verification take place? It would be also appreciated if you share some thoughts on 100-day field verification and details of about it.	1. The verification is done by department staff at the gram panchayat level using Agri Extension App (already developed). 2. 100 day field verification is out of the scope of RFP.
88.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point H, Page 48	Reports	Request you to let us know what kind of reports do you required here Static Reports or Custome Reports? Please let us type of reports do you required? Please share the details about reports and numbers of reports you are expecting.	To be collected by the SI during requirement gathering phase.
89.	8 Functional & Technical Requirement 8.5.2.4 Performance Report (Dakshyata Program) Page 53	On the app, each officer will be able to view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System.	Request you to let us know the Parameters/Inputs to calculate the Performance?Also, process to calculate the performance. Please provide some details of this. It will help us to get an fair idea about the feature.	As per RFP
90.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 54	■ Basic forms - For basic data collection, configurable open-source tool Open Data Kit (ODK) has been integrated with the Decision Support System. ■ Grid forms - For complex use-cases, a grid based form builder has been custom-developed on Decision Support System.	Request you to provide us the Inputs/Paratmeters required for the Basic Forms and Grid Forms?	To be collected by the SI during requirement gathering phase.

91.	8 Functional & Technical Requirement 8.5.3 Decision Support System Point D, Page 55	Through this issue resolution section, all farmer related and other issues that are raised by GP officers on the Agri-extension App can be viewed, resolved and escalated by Block, District and State Officers on the Decision Support System	Request you to let us know do you required Issue resolution system for Farmer and GP only or It will be within other Stakeholders of the system as well? Do you need detailed Ticketing/Token system Issue resolution with entire maintenannce of resolution history at both end or basic system where fermer can connect with GP for an issue?	To be used by the farmers and users of Decision Support System
92.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 56	This includes any other department system that may be required to connect in future. For any further connection, level of data access to be given as per license agreement between the DA&FE and corresponding party.	Request you to please share some more details on this points. Share the scope for it with list of department so, we can understood the scope and can make a provision for future development.	Will be defined during the requirement gathering phase
93.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Aadhar Authentication	Request you to let us know who will provide the API for Aadhar Verification? We are assuming that It will be provided by the Client's end.	OCAC shall provide API for Aadhaar verification. Integration should be done by the SI
94.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Mobile Verification	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific ggateway to be integrated? If yes, Please do share with us.	OCAC will provide Mobile Seva Platform of Govt. of India
95.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Bank Verification	Request you to let us know who will provide the API for Bank Integration? We are assuming that It will be provided by the Client's end.	Department will facilitate relevant APIs
96.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 59	Face Recognisation	Request you to let us know who will provide the API for Face Recognisation? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	OCAC shall provide the API. SI has to integrate the solution

97.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 62	For the following use cases there will be a parametrized decision rule engine that will provide a suggestive decision based on the pre-defined parameters and their respective computations.	Request you to let us know that is this complete Rule engine needs tobe designed and developed?	Out of scope of the RFP
98.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 64	To incorporate the following, the idea of confidence levels has been conceptualized and can be categorized into two components – ● Informational Confidence level (ICL) ● Occupational Confidence level (OCL)	Request you to let us know whether ICL and OCL is conceptualized and developed ? or need to design and developed?	To be conceptualised and developed
99.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 64	The selected vendor will need to develop the communication engine and WhatsApp Chatbot, and assist the department and other stakeholders in defining rules for both these components.	Request you to let us know entire communication engine, chatbot needs to be designed and developed or it is already developed and we need to maintain it.	To be developed
100.	8 Functional & Technical Requirement 8.12 Technology Development Guidelines 8.12.2 Configurability Page 73	Each technology element mentioned above will be developed in such a manner that it can be seamlessly configured by the Government department tech team. If this requires a content management system, then the same can be developed after approval from the Steering Committee.	Request you to let us know refrence of content management is give, is expected to design and develop?Content management system will bbe considered in the same scope?	Yes, content management system (if necessary) will be part of the same scope.
101.	8 Functional & Technical Requirement 8.13 Functional Requirement of Krushak Odisha Porta 8.13.2 Farmer Profile Builder 8.13.2.1Farmer Enrolment Point B, Page 75	Confirmation to farmer after successful enrolment through SMS.	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarification has been given
102.	8 Functional & Technical Requirement 8.13 Functional Requirement of Krushak Odisha Portal 8.13.2 Farmer Profile Builder 8.13.3 Field Verification Page 75	Field Verification	Request you to provide some more details on this point and how the field verfication takes place? This will give us good idea about the scope of the project. Is thi "Field Verification" takes place manually?	Already clarification has been given

103.	8 Functional & Technical Requirement 8.15.3 Change Request Management Page 81	It may also be required to develop new software modules beyond the coverage of FRS/SRS/Scope document.	It would be appreciated if you share some more details on this? What is tentative scope or functionality beyond the cope mentioned in RFP needs to be considered? This we need to do in the what scope mentioned and bugdget allocated or separate budegt will be allocated for additional scope?	Additional budget based on effort approved in concerned change request
104.	8 Functional & Technical Requirement 8.17 Application Availability & Performance Page No. 84	Application Performance: a) Average page opening/loading time - 7 seconds b) Average response time for retrieval of information from server – 7 seconds	Can you please share the performance details of the existing application and will share credentials/details of the application? This will give us a better idea on improvements of the performance of the application.	The current performance details are well within the prescribed limits
105.	General Queries	Whatever Functions mentioned in Agri Ext. App, Krushak Odisa Portal, DSS are currently available and we need to mantain them and add new features	Request you to let us know all the features and functionalities mentioned are currently available & we needs to maintain it. We need to add some new fueatures into it? OR We needs to revamp and reengineer entire applications with existing and nw functionalities?	Refer to Section 8 of the RFP
106.	General Queries	Existing Application Code	Request you to please let us know that the code for the existing application is documented properly?	Documentation shall be provided
107.	General Queries	Technology Stack	Do you have any references about "Technology Stacks" to develop web and android application? Technology Expertise required in RFP only those technologies can SI used or SI can propose other technology stacks as well.	Clarification has already been made
108.	General Queries	Krushak Odisha Database and Application Agri Extension Application Descision Support System	Request you to please let us know that Feature & Functionality mentioned in RFP is already developed or only some features are developed or we need to revamp the entire application? Please share more details on this.	1. Decision Support System - Developed, additional functionalities (if needed) and maintenance is necessary. 2. Agri Extension App - Developed, Additional functionalities (if needed) and maintenance is necessary. 3. Krushak Odisha Portal and

				Application - Basic structure developed, full functionality as per the scope is to be developed.
109.	5.2 Technical Evaluation Criteria, Page Number 26	Prototype Demonstration – Farmer registration – Beneficiary approval – Data Normalization/Deduplication – DBT Transfer	It is our assumption, that for DBT transfer demonstration, a notification on web portal will suffice the requirement , please confirm the same.	See the revised clause in corrigendum
110.	7.8 SSL Certification, Page Number 35	d) SSL Security in the application server	Wil the SSL Certificate cost be borne by SI or will OCAC provide the same	Clarification has already been made
111.	7.14.2 Infrastructure Installation , Page Number 38	The SI shall ensure that the production operations of the application stack is tested from DR on a periodic basis, once the DR is being made operational.	Is the DR Configuration to be 100% of capacity or replica of DC configuration, please specify as it will give clarity towards end solution	Replica of DC
112.	7.15.2 Software Maintenance , Page Number 39	All patches and upgrades from OEMs (if any) shall be implemented by the SI ensuring customization done in the solution as per the DA&FE requirements are applied. Technical upgrade of the installation to the new version, as and when required, shall be done by the SI.	Our understanding on the same is products used for end solution shall be OEM supported, and in case of open source being FREE means FREE to Use with NO restrictions and NOT FREE of cost.	Open source enterprise support versions may be used. Bidder may quote for support cost in commercial bid
113.	8.7 Component – 4 [Authentication Ecosystem], Page Number 58	Bank Verification - To establish any financial communication with the farmers, it is important to store their correct financial address ie. bank details. To ensure the correctness of stored bank details, it is important to get them verified.	This requires high security measures on the DC part, it is our assumption that required security measures and APIs will be provided by OCAC for the same, and security regarding same are not part of SI's implementation details, please confirm	APIs will be provided by the relevant tech partners through the department.
114.	8.12.1 Open Source Development, Page Number 73	The implementation agency will be recommended to use libraries available on Open Source to build different components of the Krushak Odisha Platform to ensure sustainability and re-usability of technology over the long term.	As per Notification No F. No. 1(3)/2014 - EG II of Ministry of Communication and IT, it recommends to use Enterprise Edition of Free Open-Source Software (FOSS) for all govt projects where FREE means FREE to Use with NO restrictions and NOT FREE of cost. Request to please confirm the same.	No where in the RFP it is mentioned as free of Cost. Bidder may opt for supported version of product and quote accordingly.
115.	8.12.3 Deployments, Page Number 74	All deployments to be containerized and the stack needs to be horizontally scalable. Orchestration to be done through Docker.	All deployments to be containerized (Docker Environment)and the stack needs to be horizontally scalable. Orchestration to be done using kubernetes/openshift/docker swarm, the mentioned	Nowhere in the RFP it is mentioned as "Orchestration to be done using kubernetes/openshift/docker swarm"

			clause in RFP is just a typo. please confirm the same.	
116.	General	General	Based on our experience and understanding the criticality of the project, we reccomend that, Web Portal for the solution should be based on COTS or Enterprise Supported Open Source Product and not a bespoke/community/freeware or home-grown solution to avoid vendor lock-in. Further, to ensure quality of product it is recommended that the pre-qualification of the product can be set to the products present in Leaders/Challengers/Strong Performer in latest report of either Gartner Magic Quadrant ot Forrestor Wave Report for "Digital Experience Platform". Please confirm.	Enterprise supported open source products can be used.
117.	General	General	For such an esteemed solution, application security is one of the key concerns, and the proposed system should be free from OWASP vulnerabilities, will request you to consider the addition of proposed solution to be OWASP top 10 Vulnerabilities.	Security audit from Cert-in Empanelled bidder is the scope of bidder. Hence, bidder shall comply all the vulnerabilities including OWASP top 10 Vulnerabilities identified by the auditor.
118.	5.1 Prequalification Criteria (General Bid), page no 24, point C	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP	We request OCAC to consider CMMI L3 firms for this clause , as sometimes bidder's have the experience and capability to execute similar type of projects but only due to maturity level they are not able to bid for the same.	See the revised clause in corrigendum
119.	5.1 Prequalification Criteria (General Bid), page No e	The bidder must have successfully completed at least following numbers of e-Governance project for any Government Department / Government Agency / PSU in India during last 5 years as on 31/03/2020 and value specified below. - 1 project not less than ₹3.6 Cr. OR - 2 - Projects not less than ₹2.4 Cr. each OR 3 projects not less than ₹1.6 Cr. each	We request OCAC kindly please consider our below request for the Project experince " - 1 project not less than ₹2.00 Cr. OR 2 projects not less than ₹1 Cr. each OR 3 projects not less than ₹75 Lacs. each "	See the revised clause in corrigendum

120.	5.2 Technical Evaluation Criteria, page 26, point no 3	The bidder should have experienced resources in Min.IO/ Hasura/ ELK Stack/ PgBarman and Flask/React and Material UI/ Laravel Framework/ Open Data Kit/ Superset/ Airflow/ WhatsApp Chatbot/Angular/ Fusion Auth	We request OCAC to consider open source technology also as this is been widely used by all the Government departments.	Except WhatsApp Chatbot, all other technologies are open source
121.	5.2 Technical Evaluation Criteria, page 26, point no 4.	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020. (5 marks will be awarded for each project	We request OCAC to kindly consider the work order with value of Rs. 1 Cr each	See revised clause in corrigendum
122.	5.2 Technical Evaluation Criteria, page no 27	The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field of agriculture and allied sector (Agriculture, Horticulture, Fisheries and Animal Husbandry) for any Government Department / Government Agencies in India.(Value of each project should be at least ₹20 lakhs)	As we understand from the criteria, OCAC need bidders who has done work in agriculture and allied sector, in allied sector forestry also comes, so we request OCAC to kindly consider Forestry experience with each work value 15 Lacs	See revised clause in corrigendum
123.	5.2 Technical Evaluation Criteria, page no 27, point 6	The bidder should have experience in implementation of projects including design, development & implementation of software covering beneficiary registration, DBT and Data unification (all components mandatory) for any Government institution/department in India	We have done a similar project for the agriculture department but we have received the work order from a reputed or renowned private sector, so please clarify whether OCAC is going to consider the same experience or not.	As per RFP.
124.	Section 4.4.2 and 4.4.3, Page 8	RFP document Fee of ₹11,800/- (including GST) and Submit Earnest Money Deposit amounting to ₹8,00,000/- in shape of Bank Draft / Bank Guarantee	Since MSME companies are exempted for document fee and EMD, request you to consider exemption of document fee and EMD for MSME companies	See revised clause in corrigendum
125.	3.2 Project Background, page 11	create an integrated Krushak Odisha Portal comprising of all three systems	We request you to arrange for demo (seperately for technical and functional) of the existing three systems (Krushak Odisha Database, Agri Extension App and Decision Support Report) as that is very important to understand end to end flow? Based on the demo, we would be able to provide our inputs / financials for the project.	

126.	4.5.3 Venue & Deadline for Submission of Proposals, Page 21	Proposals, in its complete form in all respects as specified in the RFP, must be submitted to OCAC at the address specified below	In this pandemic period, can you consider online submission of proposals?	No change. As per RFP.
127.	4.6.5 Intellectual Property Rights (IPR), Page 24	The source code of entire applications along with necessary documentations developed under this RFP / Contract should be shared with OCAC	Please confirm if this will be in escrow and for OCAC own use?	No change. As per RFP.
128.	5.1 Prequalification Criteria (General Bid), Page 25	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP.	Request you to remove CMMi and replace with ISO 9001 and ISO 27001 certification. This is because project requirement is for farmer centric solution where CMMi certification is never asked / not part of eligibility criteria	See revised clause in corrigendum
129.	5.2 Technical Evaluation Criteria. Page 26	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020.	Request you to remove Odisha and replace with India. Alternatively, request you to insert same clause mentioned in prequalification i.e "The bidder must have 50 technical resources having minimum educational qualification B.E/B.Tech/ MCA/MBA with at least 2 years of experience in its payroll." If Odisha clause is retained, then only one company having such experience will qualify for this criteria. So request you to widen this clause to have better participation.	No Change. As per RFP
130.	5.2 Technical Evaluation Criteria. Page 26	The bidder must have an annual average turnover from IT/ICT only (excluding hardware & COTS) in the last three financial years	Request you to keep just annual turnover and take out "from IT/ICT only (excluding hardware & COTS)"	See revised clause in corrigendum
131.	7 Scope of Work, Page 32	– Periodic Cyber Security Audit as per OSDC Policy	Can you mention what would be the periodic audit time period as per osdc policy Or provide OSDC policy where we can check the period of audit. The same is also mentioned in 7.7 Third Party Audit- "e) Carryout the periodic audit & certification as and when it is required as per the OSDC policy"	Bidder has to conduct security audit from Cert-in empanelled bidder twice in a year.

132.	7.10 Technical Support Unit, Page 35	h) Manpower to be deployed by SI for TSU	1. Please confirm if the 4 staff needs to be deputed onsite for 3 years. 2. Can they work onsite / offsite depending on project progress? 3.Can you remove odia language requirement for these 4 staffs?	1.Yes. 2. No. 3. As the resources shall interact with field stakeholder speaking of Odia language is required.
133.	7.11 Training, Page 36	b) It would be the SI's responsibility to set up the infrastructure helpful in providing successful training. c) Infrastructure like computer, network, LCD shall be provided by SI.	Request you to provide infra for training as training may be imparted in various locations and generally clients only provide training infra	Already clarified in previous query.
134.	7.14.1 Study & Feasibility Assessment, Page 37	c) The SI will access existing SDC infrastructure and prepare a Gap analysis report for hardware / software which needs to be procured as well provide detailed specification of hardware to be procured	Can we get the list of infra with specs (including that of DR) that is available for usage? We will also need to know warranty / gaurantee of existing infra. Please provide these details. Also clause 7.14.1 reads "a) The solution is proposed to be hosted in OSDC or any government cloud which is identified thereafter." - Can we move to Amazon AWS cloud in future?	To be done by the SI after receiving the Work Order
135.	8.5 Component – 2 [System Integrations], Page 48	The Krushak Odisha Database will be linked to various external registries/systems : ● Krushak Odisha Portal ● Agri-extension App ● Decision Support System ● Other Department Systems	Can you clarify on "Other Department Systems" as specific information will be required. Clause 8.5.4 also does not provide details	As per the current understanding, the third-party applications to be integrated are Seed DBT, Farm Mechanisation, MKUY, e-Pest and PPAS. However, this list is not exhaustive and is subject to addition.
136.	8.7 Component – 4 [Authentication Ecosystem] - Face Recognition, Page 59	face match check will be integrated	Is this already available and working in existing system?	Already clarified in previous query.
137.	5.1 Prequalification Criteria (General Bid) C. Valid CMMI Cerificate Page No. 25	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP	Request for changing the clause "The bidder must possess a valid CMMi 3 or higher certification as on date of submission of this RFP"	

138.	5.2 Technical Evaluation Criteria 2. Development Centre at Odisha Page No. 26	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020	Request for addition of the clause If the bidder does not have any presence in Odisha, then it is must submit an undertaking to open a local office at Odisha within 1 months from the date of issuance of LoI/work order	It is not a pre-qualification criteria. No Change. As per RFP
139.	General Queries	Whatever Functions mentioned in Agri Ext. App, Krushak Odisa Portal, DSS are currently available and we need to mantain them and add new features	Request you to let us know all the features and functionalities mentioned are currently available & we needs to maintain it. We need to add some new features into it? OR We needs to revamp and reengineer entire applications with existing and new functionalities?	Refer to Section 8 of the RFP
140.	General Queries	Technology Stack	Do you have any references about "Technology Stacks" to develop web and android application? Technology Expertise required in RFP only those technologies can SI used or SI can propose other technology stacks as well.	Already clarified in previous query.
141.	General Queries	Krushak Odisha Database and Application Agri Extension Application Descision Support System	Request you to please let us know that Feature & Functionality mentioned in RFP is already developed or only some features are developed or we need to revamp the entire application? Please share more details on this.	Refer to Section 8 of the RFP
142.	General Queries	Mobile Applications	Do you need Android app only or both android & iOS	Android Only
143.	General Queries	Integration, API	Request you to let us know the count of integration, API you required to be integrated with the system. Also, let us any preference while using API or Gateways.	Already clarified in previous query.
144.	General Queries	Content	Request you to let us know who will provide the content for the system? We are assuming it should be provided by client.	After award of work, SI needs to collect the content for the system in consultation with the department.
145.	General Queries	Type of Content	Who will provide all the type of content required for the system? We are assuming it should be from Client's end/	After award of work, SI needs to prepare the content for the system in consultation with the department.

146.	General Queries	SEO	Please let us know, SEO (Digital Marketing) will be the part of the maintainance or not? We are assuming it will not. Need your insights on this.	No
147.	General Queries	Data Backup & Recovery	Do you have any plan ready for Data Back Up and Recovery? What will the size of HardDisk is required for Back Up? What will be the frequency of the Back Up?	Already clarified in previous query.
148.	General Queries	Firewall	Do you need Web application firewall? If yes, then any prefernce from your end regarding the technology and data base of the website?	Already clarified in previous query.
149.	3.2 Project Background 3.2.1 About the Department Page No. 12	a) Krushak Odisha Database is formed with 81,22,838 unique Aadhaar numbers by consolidating the below mentioned farmer list: − KALIA: 56 Lac Farmers − PMFBY: 25 Lac Farmers − PPAS: 15 Lac Farmers − Seed DBT: 25 Lac Farmers	Request you to let us know that the details of KALIA,PMFBY, PPAS and Seed DBT system to know the scope of the project in depth. Please let us know all the entries are verified or needs to be Verify	Already clarified in previous query.
150.	3.3 Existing Applications 3.3.1 Krushak Odisha Database Page No. 13	The created profiles undergo 100-day field verification. Once verified all farmers are given a Farmer ID i.e., a 10 character randomly generated alpha-numeric code (with first 2 alphabets and last 8 numbers) called Krushak Parichay Patra.	Request you to let usknow the proces of Famer Verification? The verification process takes place manually or there will be any API for automated verification? If API is there, Who will provide the API for the same? We are assuming that it would be provided by Client.	Already clarified in previous query.
151.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - D, Page No. 13	Each officer can view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System.	Request you to please let us know "Dakshyata Program - Department's Employee Performance Management System" is already developed & we need to developed this or needs to upgrade it with additional features?	Already clarified in previous query.
152.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - E, Page No. 13	The Tutorial Videos, Instructional Manual and other training material are available in the Help Section of the application	Who will provide Tutorial Videos, Instructional Manual and other training material? We are assuming that it wil be orovied by the Client' end.	Already clarified in previous query.

153.	3.3 Existing Applications 3.3.3 Decision Support System (DSS) 3.3.3.1 Agri-Operations Point A, Page No. 13	This module captures the weekly progress/status of various agricultural operations including: − Rainfall status, − Reservoir status, − Supply of Seeds, − Supply of Fertilizers, − Crop Loan Disbursement, − Crop Insurance Enrolment and Claim Disbursement − Crop Coverage status	Request you to please let us know "Weekly Progress/Ststus" of various agriculture are maintained manually or there is any API developed for it. Please let us know more details on this.	Already clarified in previous query.
154.	5 Criteria for Evaluation 5.2 Technical Evaluation Criteria Point - 4, Page No. 26	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020	We request you to amend this clause as The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 3 crore (excluding hardware) within last 5 years as on 31/03/2020	Already clarified in previous query.
155.	7 Scope of Work 7.7 Third Party Audit Page No. 34	The SI needs to ensure that the solution is in compliance with the CERT-In Security Policy and Guidelines	Request you to let us know duration interval of CERT IN Audit you required? Please let us know do you required STQC audit? If yes, let us know duration interval of STQC Audit you required?	Already clarified in previous query.
156.	7 Scope of Work 7.8 SSL Certification Page No. 35	a) Secure connection between Client and Server through Secure protocol HTTPS b) Encryption of Data during transmission from server to browser and vice versa c) Encryption key assigned to it by Certification Authority (CA) in form of a Certificate. d) SSL Security in the application server	Request you to let us know that which type of SSL do you required? Who will provide the SSL? We are assuming that it will be provided by the Client.	Already clarified in previous query.
157.	7 Scope of Work 7.15.2 Software Maintenance Point A, Page No. 39	The SI shall provide unlimited support through Telephone / Email / Video Conferencing / Installation Visit as required as per the service window defined in the RFP	Request you t let us know Telephone / Email / Video Conferencing / Installation Visit cost will be provided by client or SI. We are assuming that Client will provide the all the infra.	Already clarified in previous query.

158.	8 Functional & Technical Requirement 8.3 Technology Specifications & Use Cases Page No. 45	The technology architecture is a micro-services architecture and consists of different configurable and modular technology elements that are wired together to power the Krushak Odisha Platform. The description of each of these elements is presented below.	Request you to let us know the development should be done with Micro-Service level architecture only or any other architecture can be introduced with other logic?	Already clarified in previous query.
159.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point A, Page 48	Homepage and additional static informational pages	Request you to let us know who will provide the content for the Pages? We are assuming it should be provided by client.	Already clarified in previous query.
160.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point D, Page 48	Farmer Verification	Request you to let us know details about Farmer Verification? How the farmer verification take place? It would be also appreciated if you share some thoughts on 100-day field verification and details of about it.	Already clarified in previous query.
161.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point H, Page 48	Reports	Request you to let us know what kind of reports do you required here Static Reports or Custome Reports? Please let us type of reports do you required? Please share the details about reports and numbers of reports you are expecting.	Cannot be ascertained at the moment. Should be decided during the requirement gathering phase.
162.	8 Functional & Technical Requirement 8.5.2.4 Performance Report (Dakshyata Program) Page 53	On the app, each officer will be able to view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System.	Request you to let us know the Parameters/Inputs to calculate the Performance?Also, process to calculate the performance. Please provide some details of this. It will help us to get an fair idea about the feature.	Already clarified in previous query.
163.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 54	■ Basic forms - For basic data collection, configurable open-source tool Open Data Kit (ODK) has been integrated with the Decision Support System. ■ Grid forms - For complex use-cases, a grid based form builder has been custom-developed on Decision Support System.	Request you to provide us the Inputs/Paratmeters required for the Basic Forms and Grid Forms?	Already clarified in previous query.

164.	8 Functional & Technical Requirement 8.5.3 Decision Support System Point D, Page 55	Through this issue resolution section, all farmer related and other issues that are raised by GP officers on the Agri-extension App can be viewed, resolved and escalated by Block, District and State Officers on the Decision Support System	Request you to let us know do you required Issue resolution system for Farmer and GP only or It will be within other Stakeholders of the system as well? Do you need detailed Ticketing/Token system Issue resolution with entire maintenannce of resolution history at both end or basic system where fermer can connect with GP for an issue?	The issue resolution module exists already. Any functionality improvements and bug fixes should be done by the SI
165.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 56	This includes any other department system that may be required to connect in future. For any further connection, level of data access to be given as per license agreement between the DA&FE and corresponding party.	Request you to please share some more details on this points. Share the scope for it with list of department so, we can understood the scope and can make a provision for future development.	Already clarified in previous query.
166.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Aadhar Authentication	Request you to let us know who will provide the API for Aadhar Verification? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.
167.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Mobile Verification	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific ggateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
168.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Bank Verification	Request you to let us know who will provide the API for Bank Integration? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.
169.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 59	Face Recognisation	Request you to let us know who will provide the API for Face Recognisation? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.

170.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 62	For the following use cases there will be a parametrized decision rule engine that will provide a suggestive decision based on the pre-defined parameters and their respective computations.	Request you to let us know that is this complete Rule engine needs tobe designed and developed?	Needs to be developed.
171.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 64	To incorporate the following, the idea of confidence levels has been conceptualized and can be categorized into two components – ● Informational Confidence level (ICL) ● Occupational Confidence level (OCL)	Request you to let us know whether ICL and OCL is conceptualized and developed ? or need to design and developed?	Needs to be developed.
172.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 64	The selected vendor will need to develop the communication engine and WhatsApp Chatbot, and assist the department and other stakeholders in defining rules for both these components.	Request you to let us know entire communication engine, chatbot needs to be designed and developed or it is already developed and we need to maintain it.	Needs to be developed.
173.	8 Functional & Technical Requirement 8.12 Technology Development Guidelines 8.12.2 Configurability Page 73	Each technology element mentioned above will be developed in such a manner that it can be seamlessly configured by the Government department tech team. If this requires a content management system, then the same can be developed after approval from the Steering Committee.	Request you to let us knowr efrence of content management is give, is expected to design and develop?Content management system will bbe considered in the same scope?	Already clarified in previous query.
174.	8 Functional & Technical Requirement 8.13 Functional Requirement of Krushak Odisha Porta 8.13.2 Farmer Profile Builder 8.13.2.1Farmer Enrolment Point B, Page 75	Confirmation to farmer after successful enrolment through SMS.	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
175.	8 Functional & Technical Requirement 8.13 Functional Requirement of Krushak Odisha Portal 8.13.2 Farmer Profile Builder 8.13.3 Field Verification Page 75	Field Verification	Request you to provide some more details on this point and how the field verfication takes place? This will give us good idea about the scope of the project. Is thi "Field Verification" takes place manually?	Already clarified in previous query.

176.	8 Functional & Technical Requirement 8.15.3 Change Request Management Page 81	It may also be required to develop new software modules beyond the coverage of FRS/SRS/Scope document.	It would be appreciated if you share some more details on this? What is tentative scope or functionality beyond the cope mentioned in RFP needs to be considered? This we need to do in the what scope mentioned and bugdget allocated or separate budegt will be allocated for additional scope?	Already clarified in previous query.
177.	8 Functional & Technical Requirement 8.17 Application Availability & Performance Page No. 84	Application Performance: a) Average page opening/loading time - 7 seconds b) Average response time for retrieval of information from server – 7 seconds	Can you please share the performance details of the existing application and will share credentials/details of the application? This will give us a better idea on improvements of the performance of the application.	Already clarified in previous query.
178.	General Queries	Whatever Functions mentioned in Agri Ext. App, Krushak Odisa Portal, DSS are currently available and we need to mantain them and add new features	Request you to let us know all the features and functionalities mentioned are currently available & we needs to maintain it. We need to add some new fueatures into it? OR We needs to revamp and reengineer entire applications with existing and nw functionalities?	Already clarified in previous query.
179.	General Queries	Existing Application Code	Request you to please let us know that the code for the existing application is documented properly?	Already clarified in previous query.
180.	General Queries	Technology Stack	Do you have any references about "Technology Stacks" to develop web and android application? Technology Expertise required in RFP only those technologies can SI used or SI can propose other technology stacks as well.	Already clarified in previous query.
181.	General Queries	Krushak Odisha Database and Application Agri Extension Application Descision Support System	Request you to please let us know that Feature & Functionality mentioned in RFP is already developed or only some features are developed or we need to revamp the entire application? Please share more details on this.	Already clarified in previous query.
182.	General Queries	Mobile Applications	Do you need Android app only or both android & iOS	Already clarified in previous query.
183.	General Queries	Integration, API	Request you to let us know the count of integration, API you required to be integrated with the system.	Already clarified in previous query.

			Also, let us any preference while using API or Gateways.	
184.	General Queries	Content	Request you to let us know who will provide the content for the system? We are assuming it should be provided by client.	Already clarified in previous query.
185.	General Queries	Type of Content	Who will provide all the type of content required for the system? We are assuming it should be from Client's end/	Already clarified in previous query.
186.	General Queries	SEO	Please let us know, SEO (Digital Marketing) will be the part of the maintainance or not? We are assuming it will not. Need your insights on this.	Already clarified in previous query.
187.	General Queries	Data Backup & Recovery	Do you have any plan ready for Data Back Up and Recovery? What will the size of HardDisk is required for Back Up? What will be the frequency of the Back Up?	Already clarified in previous query.
188.	General Queries	Firewall	Do you need Web application firewall? If yes, then any prefernce from your end regarding the technology and data base of the website?	Already clarified in previous query.
	Interlace			
189.	3.2.1 About the Department Page No: 11	Krushak Odisha Database is formed with 81,22,838 unique Aadhaar numbers by consolidating	Is Aadhaar integration part of Bidder scope? If yes, where we have to quote?	Yes. It is part of the scope & API shall be provided by OCAC
190.	8.3 Technology Specifications & Use Cases Page No:43	Tech architecture conceptualized and finalized for the Krushak Odisha Platform	What type of architecture do you prefer?	Refer to section 8.11
191.	7.13 UAT & Go-Live Page No:36		what type of UAT training required?How many person going to attend UAT Training? please mentioned in detail	Already clarified in previous query.
192.	NA	General Queries	Any multilingual application is there?	All applications/portals should be both in Odia and English
193.	7 Scope of Work Page No:31	Post Implementation Support such as Application Maintenance, Application Support, System Support, Operation Support, etc of existing applications and the newly developed Krushak Odisha Portal.	Do you have any pending issues /bugs in the existing inhouse applications?	Yes. Current SI is working on the issues.
194.	NA	General Queries	Are you using any reporting tools? If yes please mention it.	Superset for data visualisation

195.	3.3.2 Agri-extension Application Page No:12	Mark geo-tagged attendance of the GP Officer	Geo-tagged attendance - Does this third party application is equipped with API service	Not a third-party application. Developed as part of the Agri Extension App.
196.	7 Scope of Work Page No:31	Data Migration (if required)	Can you provide volume of existing data migration?	Already clarified in previous query.
197.	8.13.8 Communication Channel Page No:76	Notifications through E-Mail/SMS should be shared to the authorized authority for any scheduled meetings	Who will bear E-Mail/SMS cost?	Already clarified in previous query.
198.	NA	General Queries	Is the payment gateway RISL Scope?	Yes
199.	Section 5.2: Technical Evaluation Criteria, pg 26	Prototype Demonstration – Farmer registration – Beneficiary approval – Data Normalization/Deduplication – DBT Transfer 20 marks	Request to kindly list success criteria for evaluating Prototype Demonstration	See revised clause in corrigendum
200.	Section 7.14.1: Infrastructure Support, pg 36	The SI shall perform the detailed assessment of envisaged solution requirements and assessthe infrastructure requirements including Servers, Storage and Security, etc for operationalization of the solution	Requesting for the following information for proper data sizing exercise – Size of total Data handled across systems that are to be integrated – Size of data in individual systems – Number of total and concurrent users – Frequency of increment in the data in each of the systems – Details of existing Infrastructure	Already clarified in previous query.
201.	Section 8.4 (d): Component 1 - Krushak Odisha Database, pg 45	● Stores documents (url) as uploaded by the farmer, generated by the system or fetched through other systems, of all the verified farmers ● The actual documents (images/PDF, etc) are linked to and stored in an open-source Content Delivery Network (CDN). Software component used - MinIO (https://min.io/)	1. Would there be any Text Analytics needed on the documents uploaded by the farmers. 2. If yes, will the data be provided in a digitized format to the bidders	Not necessary

202.	Additional	Additional	Suggestion for addition: Since the requirements require advanced data analytical capabillities, request to include that the proposed solution should be listed in the latest Leader's quadrant for Data Science and Machine Learning of Gartner	Not required as of now. In case of any specific tool, the same shall be procured later
203.	Section 8.11: Technology Components, pg 70		Will a pre-integrated solution be welcomed as an option for deployment?	
204.	Section 8.12.1: Open Source Development, pg 72	The implementation agency will be recommended to use libraries available on Open Source to build different components of the Krushak Odisha Platform to ensure sustainability and re-usability of technology over the long term.	Should the stack necessarily be open source from the one's listed? Is there restrictions to use technology outside the ones listed in the RFP. We suggest the department to kindly consider the globally recognized COTS products which can successfully deliver the solution in compliance to the tender requirement.	Open source enterprise supported versions can be used.
205.	A) 24	The bidder must have an annual average related turnover of Rs. 20 Crores from Software Development only (excluding COTS) and positive net worth in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20.	Kindly Request you to change the criteria to The bidder must have an annual average related turnover of Rs. 20 Crores from IT/ITS Business and positive net worth in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20.	See revised clause in corrigendum
206.	A(25	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP.	Kindly Request you to change the Criteria to The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/3 or higher certification as on date of submission of this RFP. This will allow more participation of the bidder and will have a competetive bid.	See revised clause in corrigendum
207.	Technical Evaluation Criteria 25	The bidder must have an annual average turnover from IT/ICT only (excluding hardware & COTS) in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20. ≥ 20 Crores & < 30 Crores: 2 Marks ≥ 30 Crores & < 40 Crores: 3 Marks - ≥ 40 Crores & < 50 Crores: 4 Marks ≥ 50 Crores: 5 Marks	The bidder must have an annual average turnover from IT/ICT only in the last three financial years i.e. FY 2017-18, 2018-19 & 2019-20. ≥ 20 Crores & < 22 Crores: 2 Marks ≥ 22 Crores & < 25 Crores: 3 Marks - ≥ 25 Crores & < 28 Crores: 4 Marks ≥ 28 Crores: 5 Marks	See revised clause in corrigendum
208.	Technical Evaluation Criteria	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020.	Kindly Request you to change the Criteria to The bidder should have development centre in India with minimum 50 IT resources engagement as on 31st March 2020.	See revised clause in corrigendum

209.	Technical Evaluation Criteria 25	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020. (5 marks will be awarded for each project)	Kindly Request you to change the Criteria to The bidder should have experience in software application development & maintenance services/ IT hardware and software/ System integration for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore within last 5 years as on 31/03/2020. (5 marks will be awarded for each project)	See revised clause in corrigendum
210.	Technical Evaluation Criteria 26	The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field of agriculture and allied sector (Agriculture, Horticulture, Fisheries and Animal Husbandry) for any Government Department / Government Agencies in India. (Value of each project should be at least ₹20 lakhs)	Kindly Request you to change the Criteria to The bidder should have experience in implementation of projects including Design, Development & Implementation of software in the field IT for any Government Department / Government Agencies in India. (Value of each project should be at least ₹20 lakhs)	See revised clause in corrigendum
211.	3.2 Project Background 3.2.1 About the Department Page No. 12	a) Krushak Odisha Database is formed with 81,22,838 unique Aadhaar numbers by consolidating the below mentioned farmer list: − KALIA: 56 Lac Farmers − PMFBY: 25 Lac Farmers − PPAS: 15 Lac Farmers − Seed DBT: 25 Lac Farmers	Request you to let us know that the details of KALIA,PMFBY, PPAS and Seed DBT system to know the scope of the project in depth. Please let us know all the entries are verified or needs to be Verify	Already clarified in previous query.
212.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - D, Page No. 13	Each officer can view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System.	Request you to please let us know "Dakshyata Program - Department's Employee Performance Management System" is already developed & we need to developed this or needs to upgrade it with additional features?	Already clarified in previous query.

213.	3.3 Existing Applications 3.3.3 Decision Support System (DSS) 3.3.3.1 Agri-Operations Point A, Page No. 13	This module captures the weekly progress/status of various agricultural operations including: − Rainfall status, − Reservoir status, − Supply of Seeds, − Supply of Fertilizers, − Crop Loan Disbursement, − Crop Insurance Enrolment and Claim Disbursement − Crop Coverage status	Request you to please let us know "Weekly Progress/Ststus" of various agriculture are maintained manually or there is any API developed for it. Please let us know more details on this.	Already clarified in previous query.
214.	5 Criteria for Evaluation 5.1 Pre-Qualification Criteria Point - j, Page No. 24	Tender Fee of ₹11,800/- and EMD of ₹8,00,000/- in favor of OCAC payable at Bhubaneswar	As per Government of Odisha, Ministry of Finance, Department of Expenditure, Procurement Policy Division No. 8943/F -FIN-COD-MISC-0007-2019 dated 18 Mar 2021 (copy attached), the Bid Security / EMD is not be be sought and no provisions regarding Bid Security should be kept in the Bid Documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents. Hence, we request the Bid Security may be exempted.	Already clarified in previous query.
215.	5 Criteria for Evaluation 5.2 Technical Evaluation Criteria Point - 4, Page No. 26	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020.	We request you to amend this clause as The bidder should have development centre in India with minimum 50 IT resources engagement as on 31st March 2020.	Already clarified in previous query.
216.	5 Criteria for Evaluation 5.2 Technical Evaluation Criteria Point - 4, Page No. 26	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020	We request you to amend this clause as The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 3 crore (excluding hardware) within last 5 years as on 31/03/2020	Already clarified in previous query.
217.	7 Scope of Work 7.15.2 Software Maintenance Point A, Page No. 39	The SI shall provide unlimited support through Telephone / Email / Video Conferencing / Installation Visit as required as per the service window defined in the RFP	Request you t let us know Telephone / Email / Video Conferencing / Installation Visit cost will be provided by client or SI. We are assuming that Client will provide the all the infra.	Already clarified in previous query.

218.	8 Functional & Technical Requirement 8.3 Technology Specifications & Use Cases Page No. 45	The technology architecture is a micro-services architecture and consists of different configurable and modular technology elements that are wired together to power the Krushak Odisha Platform. The description of each of these elements is presented below.	Request you to let us know the development should be done with Micro-Service level architecture only or any other architecture can be introduced with other logic?	Already clarified in previous query.
219.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point D, Page 48	Farmer Verification	Request you to let us know details about Farmer Verification? How the farmer verification take place? It would be also appreciated if you share some thoughts on 100-day field verification and details of about it.	Already clarified in previous query.
220.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point H, Page 48	Reports	Request you to let us know what kind of reports do you required here Static Reports or Custome Reports? Please let us type of reports do you required? Please share the details about reports and numbers of reports you are expecting.	Already clarified in previous query.
221.	8 Functional & Technical Requirement 8.5.2.4 Performance Report (Dakshyata Program) Page 53	On the app, each officer will be able to view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System.	Request you to let us know the Parameters/Inputs to calculate the Performance?Also, process to calculate the performance. Please provide some details of this. It will help us to get an fair idea about the feature.	Already clarified in previous query.
222.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 54	■ Basic forms - For basic data collection, configurable open-source tool Open Data Kit (ODK) has been integrated with the Decision Support System. ■ Grid forms - For complex use-cases, a grid based form builder has been custom-developed on Decision Support System.	Request you to provide us the Inputs/Paratmeters required for the Basic Forms and Grid Forms?	Already clarified in previous query.
223.	8 Functional & Technical Requirement 8.5.3 Decision Support System Point D, Page 55	Through this issue resolution section, all farmer related and other issues that are raised by GP officers on the Agri-extension App can be viewed, resolved and escalated by Block, District and State Officers on the Decision Support System	Request you to let us know do you required Issue resolution system for Farmer and GP only or It will be within other Stakeholders of the system as well? Do you need detailed Ticketing/Token system Issue resolution with entire maintenannce of resolution history at both end or basic system where fermer can connect with GP for an issue?	Already clarified in previous query.

224.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 56	This includes any other department system that may be required to connect in future. For any further connection, level of data access to be given as per license agreement between the DA&FE and corresponding party.	Request you to please share some more details on this points. Share the scope for it with list of department so, we can understood the scope and can make a provision for future development.	Already clarified in previous query.
225.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Aadhar Authentication	Request you to let us know who will provide the API for Aadhar Verification? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.
226.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Bank Verification	Request you to let us know who will provide the API for Bank Integration? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.
227.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 59	Face Recognisation	Request you to let us know who will provide the API for Face Recognisation? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
228.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 62	For the following use cases there will be a parametrized decision rule engine that will provide a suggestive decision based on the pre-defined parameters and their respective computations.	Request you to let us know that is this complete Rule engine needs tobe designed and developed?	Already clarified in previous query.
229.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 64	The selected vendor will need to develop the communication engine and WhatsApp Chatbot, and assist the department and other stakeholders in defining rules for both these components.	Request you to let us know entire communication engine, chatbot needs to be designed and developed or it is already developed and we need to maintain it.	Already clarified in previous query.
230.	8 Functional & Technical Requirement 8.13 Functional Requirement of Krushak Odisha Porta 8.13.2 Farmer Profile Builder 8.13.2.1Farmer Enrolment Point B, Page 75	Confirmation to farmer after successful enrolment through SMS.	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.

231.	8 Functional & Technical Requirement 8.13 Functional Requirement of Krushak Odisha Portal 8.13.2 Farmer Profile Builder 8.13.3 Field Verification Page 75	Field Verification	Request you to provide some more details on this point and how the field verfication takes place? This will give us good idea about the scope of the project. Is thi "Field Verification" takes place manually?	Already clarified in previous query.
232.	8 Functional & Technical Requirement 8.15.3 Change Request Management Page 81	It may also be required to develop new software modules beyond the coverage of FRS/SRS/Scope document.	It would be appreciated if you share some more details on this? What is tentative scope or functionality beyond the cope mentioned in RFP needs to be considered? This we need to do in the what scope mentioned and bugdget allocated or separate budegt will be allocated for additional scope?	Already clarified in previous query.
233.	General Queries	Technology Stack	Do you have any references about "Technology Stacks" to develop web and android application? Technology Expertise required in RFP only those technologies can SI used or SI can propose other technology stacks as well.	Already clarified in previous query.
234.	General Queries	Krushak Odisha Database and Application Agri Extension Application Descision Support System	Request you to please let us know that Feature & Functionality mentioned in RFP is already developed or only some features are developed or we need to revamp the entire application? Please share more details on this.	Already clarified in previous query.
235.	General Queries	Mobile Applications	Do you need Android app only or both android & iOS	Already clarified in previous query.
236.	General Queries	Integration, API	Request you to let us know the count of integration, API you required to be integrated with the system. Also, let us any preference while using API or Gateways.	Already clarified in previous query.
237.	General Queries	Content	Request you to let us know who will provide the content for the system? We are assuming it should be provided by client.	Already clarified in previous query.
238.	General Queries	Type of Content	Who will provide all the type of content required for the system? We are assuming it should be from Client's end/	Already clarified in previous query.
239.	General Queries	SEO	Please let us know, SEO (Digital Marketing) will be the part of the maintainance or not? We are assuming it will not. Need your insights on this.	Already clarified in previous query.

	Logix Net			
240.	5.1 Prequalification Criteria (General Bid) C. Valid CMMI Certificate Page No. 25	The bidder must possess a valid CMMi Institute (erstwhile SEI) recognized and published CMMi DEV/5 certificate as on date of submission of this RFP	The bidder must possess a valid CMMi Dev 2.0 certificate as on date of submission of this RFP	See revised clause in corrigendum
241.	5.2 Technical Evaluation Criteria 2. Development Centre at Odisha Page No. 26	The bidder should have development centre in Odisha with minimum 50 IT resources engagement as on 31st March 2020	the bidder does not have any presence in Odisha, then it is must submit an undertaking to open a local office at Odisha within 1 months from the date of issuance of LoI/work order	See revised clause in corrigendum
242.	3.2 Project Background 3.2.1 About the Department Page No. 12	a) Krushak Odisha Database is formed with 81,22,838 unique Aadhaar numbers by consolidating the below mentioned farmer list: − KALIA: 56 Lac Farmers − PMFBY: 25 Lac Farmers − PPAS: 15 Lac Farmers − Seed DBT: 25 Lac Farmers	Request you to let us know that the details of KALIA, PMFBY, PPAS and Seed DBT system to know the scope of the project in depth. Please let us know all the entries are verified or needs to be Verify	Already clarified in previous query.
243.	3.3 Existing Applications 3.3.1 Krushak Odisha Database Page No. 13	The created profiles undergo 100-day field verification. Once verified all farmers are given a Farmer ID i.e., a 10 character randomly generated alpha-numeric code (with first 2 alphabets and last 8 numbers) called Krushak Parichay Patra	Request you to let us know the process of Famer Verification? The verification process takes place manually or there will be any API for automated verification? If API is there, Who will provide the API for the same? Should we assume that the same would be provided by Client	Already clarified in previous query.
244.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - D, Page No. 13	Each officer can view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System	Request you to please let us know "Dakshyata Program - Department's Employee Performance Management System" is already developed & we need to develop this or needs to upgrade it with additional features?	Already clarified in previous query.
245.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - E, Page No. 13	The Tutorial Videos, Instructional Manual and other training material are available in the Help Section of the application	Who will provide Tutorial Videos, Instructional Manual and other training material? We are assuming that it will be provide by the Client' end	Already clarified in previous query.
246.	3.3 Existing Applications 3.3.3 Decision Support System (DSS) 3.3.3.1 Agri-Operations Point A, Page No. 13	This module captures the weekly progress/status of various agricultural operations including: − Rainfall status, − Reservoir status, − Supply of Seeds, − Supply of Fertilizers, − Crop Loan Disbursement, − Crop Insurance Enrolment and Claim Disbursement − Crop Coverage status	Request you to please let us know "Weekly Progress/Ststus" of various agriculture are maintained manually or there is any API developed for it. Please let us know more details on this.	Already clarified in previous query.

247.	5 Criteria for Evaluation 5.2 Technical Evaluation Criteria Point - 4, Page No. 26	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020	We request you to amend this clause as The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 3 crore (excluding hardware) within last 5 years as on 31/03/2020	See revised clause in corrigendum
248.	7 Scope of Work 7.7 Third Party Audit Page No. 34	The SI needs to ensure that the solution is in compliance with the CERT-In Security Policy and Guidelines	Request you to let us know duration interval of CERT IN Audit you required? Please let us know do you required STQC audit? If yes, let us know duration interval of STQC Audit you required?	Already clarified in previous query.
249.	7 Scope of Work 7.7 Third Party Audit Page No. 34	a) Secure connection between Client and Server through Secure protocol HTTPS b) Encryption of Data during transmission from server to browser and vice versa. c) Encryption key assigned to it by Certification Authority (CA) in form of a Certificated) SSL Security in the application server	Request you to let us know that which type of SSL do you required? Who will provide the SSL? We are assuming that it will be provided by the Client.	Already clarified in previous query.
250.	7 Scope of Work 7.15.2 Software Maintenance Point A, Page No. 39	The SI shall provide unlimited support through Telephone / Email / Video Conferencing / Installation Visit as required as per the service window defined in the RFP	Request you t let us know Telephone / Email / Video Conferencing / Installation Visit cost will be provided by client or SI. We are assuming that Client will provide the all the infra.	Already clarified in previous query.
251.	8 Functional & Technical Requirement 8.3 Technology Specifications & Use Cases Page No. 45	The technology architecture is a micro-services architecture and consists of different configurable and modular technology elements that are wired together to power the Krushak Odisha Platform. The description of each of these elements is presented below.	Request you to let us know the development should be done with Micro-Service level architecture only or any other architecture can be introduced with other logic?	Already clarified in previous query.
252.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point A, Page 48	Homepage and additional static informational pages	Request you to let us know who will provide the content for the Pages? We are assuming it should be provided by client.	Already clarified in previous query.
253.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point D, Page 48	Farmer Verification	Request you to let us know details about Farmer Verification? How the farmer verification take place? It would be also appreciated if you.share some thoughts on 100-day field verification and details of about it.	Already clarified in previous query.

254.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point H, Page 48	Reports	Request you to let us know what kind of reports do you required here Static Reports or Custom Reports? Please let us type of reports do you required? Please share the details about reports and numbers of reports you are expecting.	Already clarified in previous query.
255.	8 Functional & Technical Requirement 8.5.2.4 Performance Report (Dakshyata program Page no 53	On the app, each officer will be able to view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System..	Request you to let us know the Parameters/Inputs to calculate the Performance? Also, process to calculate the performance. Please provide some details of this. It will help us to get an fair idea about the feature	Already clarified in previous query.
256.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 54	■ Basic forms - For basic data collection, configurable open-source tool Open Data Kit (ODK) has been integrated with the Decision Support System. ■ Grid forms - For complex use- cases, a grid based form builder has been custom-developed on Decision Support System	Request you to provide us the Inputs/Parameters required for the Basic Forms and Grid Forms?	Already clarified in previous query.
257.	8 Functional & Technical Requirement 8.5.3 Decision Support System Point D, Page 55	Through this issue resolution section, all farmer related and other issues that are raised by GP officers on the Agri-extension App can be viewed, resolved and escalated by Block, District and State Officers on the Decision Support System	Request you to let us know do you required Issue resolution system for Farmer and GP only or It will be within other Stakeholders of the system as well? Do you need detailed Ticketing/Token system Issue resolution with entire maintenance of resolution history at both end and basic system where farmer can connect with GP for an Issue ?	It includes issue resolutions of farmers and stakeholders of system as well.
258.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 56	This includes any other department system that may be required to connect in future. For any further connection, level of data access to be given as per license agreement between the DA&FE and corresponding party.	Request you to please share some more details on this points. Share the scope for it with list of department so, we can understood the scope and can make a provision for future development.	Already clarified in previous query.
259.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem Page 58	Aadhar Authentication	Request you to let us know who will provide the API for Aadhar Verification? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.
260.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Mobile Verification	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end.Please let us know do you need any specific ggateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
261.	8 Functional & Technical Requirement,8.7 Component	Bank Verification	Request you to let us know who will provide the API for Bank Integration? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.

	– 4 [Authentication Ecosystem Page 58			
262.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page59	Face Recognition	Request you to let us know who will provide the API for Face Recognition? We are assuming that It will be provided by the Client's end.Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
263.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No 62	For the following use cases there will be a parametrized decision rule engine that will provide a suggestive decision based on the pre-defined parameters and their respective computations.	Request you to let us know that is this complete Rule engine needs tobe designed and developed?	Already clarified in previous query.
264.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page no 64	To incorporate the following, the idea of confidence levels has been conceptualized and can be categorized into two components – Informational Confidence level (ICL) - Occupational Confidence level (OCL)	Request you to let us know whether ICL and OCL is conceptualized and developed? or need to design and developed?	Already clarified in previous query.
265.	8 Functional & Technical Requirement .8.9 Component – 6 [Rule Engine] Page no 64	The selected vendor will need to develop the communication engine and WhatsApp Chatbot, and assist the department and other stakeholders in defining rules for both these components.	Request you to let us know entire communication engine, chatbot needs to be designed and developed or it is already developed and we need to maintain it.	Already clarified in previous query.
266.	8 Functional & Technical Requirement. 8.12 Technology Development Guidelines. 8.12.2 Configurability Page 73	Each technology element mentioned above will be developed in such a manner that it can be seamlessly configured by the Government department tech team. If this requires a content management system, then the same can be developed after approval from the Steering Committee.	Request you to let us know reference of content management is give, is expected to design and develop? Content management system will be considered in the same scope?	Already clarified in previous query.
267.	8 . Functional & Technical Requirement Functional Requirement of Krushak Odisha Portal Farmer Profile Builder Farmer Enrolment Point B, Page 75	Confirmation to farmer after successful enrolment through SMS.	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
268.	8 Functional & Technical Requirement Functional Requirement of Krushak Odisha Portal Farmer	Field Verification	Request you to provide some more details on this point and how the field verification takes place? This will give us good idea about the scope of the project. Is thi "Field Verification" takes place manually?	Already clarified in previous query.

	Profile Builder Field Verification Page 75			
269.	8 Functional & Technical Requirement 8.15.3 Change Request Management Page 81	It may also be required to develop new software modules beyond the coverage of FRS/SRS/Scope document.	It would be appreciated if you share some more details on this? What is tentative scope or functionality beyond the cope mentioned in RFP needs to be considered? This we need to do in the scope mentioned and budget allocated or separate budget will be allocated for additional scope?	Already clarified in previous query.
270.	8 Functional & Technical Requirement 8.17 Application Availability & Performance Page No. 84	Application Performance: a) Average page opening/loading time - 7 seconds b) Average response time for retrieval of information from server – 7 seconds	Can you please share the performance details of the existing application and will share credentials/details of the application? This will give us a better idea on improvements of the performance of the application.	Already clarified in previous query.
271.	General Queries	Whatever Functions mentioned in Agri Ext. App, Krushak Odisa Portal, DSS are currently available and we need to maintain them and add new features	Request you to let us know all the features and functionalities mentioned are currently available & we needs to maintain it. We need to add some new features into it? We needs to revamp and reengineer. OR entire applications with existing and nw functionalities?	Already clarified in previous query.
272.	General Queries	Existing Application Code	Request you to please let us know that the code for the existing application is documented properly?	Already clarified in previous query.
273.	General Queries	Technology Stack	Do you have any references about "Technology Stacks" to develop web and android application? Technology Expertise required in RFP only those technologies can SI used or SI can propose other technology stocks as well	Already clarified in previous query.
274.	General Queries	Krushak Odisha Database and Application.Agri Extension Application Descision Support System	Request you to please let us know that Feature & Functionality mentioned in RFP is already developed or only some features are developed or we need to revamp the entire application? Please share more details on this.	Already clarified in previous query.
275.	General Queries	Mobile Applications	Do you need Android app only or both android & iOS	Already clarified in previous query.
276.	General Queries	Integration, API	Request you to let us know the count of integration, API you required to be integrated with the system.Also, let us any preference while using API or Gateways	Already clarified in previous query.

277.	General Queries	Content	Request you to let us know who will provide the content for the system? We are assuming it should be provided by client.	Already clarified in previous query.
278.	General Queries	Type of Content	Who will provide all the type of content required for the system? Weare assuming it should be from Client's end/	Already clarified in previous query.
279.	General Queries	SEO	Please let us know, SEO (Digital Marketing) will be the part of the maintenance or not? We are assuming it will not. Need your insights on this.	
280.	General Queries	Data Backup & Recovery	Do you have any plan ready for Data Back Up and Recovery?What will the size of Hard Disk is required for Back Up?What will be the frequency of the Back Up?	Already clarified in previous query.
281.	General Queries	Firewall	Do you need Web application firewall? If yes, then any preference from your end regarding the technology and data base of the website?	Already clarified in previous query.
282.	3.3 Existing Applications 3.3.1 Krushak Odisha Database Page No. 13	The created profiles undergo 100-day field verification. Once verified all farmers are given a Farmer ID i.e., a 10 character randomly generated alpha-numeric code (with first 2 alphabets and last 8 numbers) called Krushak Parichay Patra.	Request you to let usknow the proces of Famer Verification? The verification process takes place manually or there will be any API for automated verification? If API is there, Who will provide the API for the same? We are assuming that it would be provided by Client.	Already clarified in previous query.
283.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - D, Page No. 13	Each officer can view his/her overall performance across the various parameters of Dakshyata Program - Department's Employee Performance Management System.	Request you to please let us know "Dakshyata Program - Department's Employee Performance Management System" is already developed & we need to developed this or needs to upgrade it with additional features?	Already clarified in previous query.
284.	3.3 Existing Applications 3.3.2 Agri-extension Application Pont - E, Page No. 13	The Tutorial Videos, Instructional Manual and other training material are available in the Help Section of the application	Who will provide Tutorial Videos, Instructional Manual and other training material? We are assuming that it wil be orovied by the Client' end.	Already clarified in previous query.

285.	3.3 Existing Applications 3.3.3 Decision Support System (DSS) 3.3.3.1 Agri-Operations Point A, Page No. 13	This module captures the weekly progress/status of various agricultural operations including: − Rainfall status, − Reservoir status, − Supply of Seeds, − Supply of Fertilizers, − Crop Loan Disbursement, − Crop Insurance Enrolment and Claim Disbursement − Crop Coverage status	Request you to please let us know "Weekly Progress/Ststus" of various agriculture are maintained manually or there is any API developed for it. Please let us know more details on this.	Already clarified in previous query.
286.	5 Criteria for Evaluation 5.1 Pre-Qualification Criteria Point - j, Page No. 24	Tender Fee of ₹11,800/- and EMD of ₹8,00,000/- in favor of OCAC payable at Bhubaneswar	As per Government of Odisha, Ministry of Finance, Department of Expenditure, Procurement Policy Division No. 8943/F -FIN-COD-MISC-0007-2019 dated 18 Mar 2021 (copy attached), the Bid Security / EMD is not be be sought and no provisions regarding Bid Security should be kept in the Bid Documents in future and only provision for Bid Security Declaration should be kept in the Bid Documents. Hence, we request the Bid Security may be exempted.	Already clarified in previous query.
287.	5 Criteria for Evaluation 5.2 Technical Evaluation Criteria Point - 4, Page No. 26	The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 4 crore (excluding hardware) within last 5 years as on 31/03/2020	We request you to amend this clause as The bidder should have experience in software application development & maintenance services for any Government Department / Government Agency / PSU in India with minimum value of at least Rs. 3 crore (excluding hardware) within last 5 years as on 31/03/2020	Already clarified in previous query.
288.	7 Scope of Work 7.7 Third Party Audit Page No. 34	The SI needs to ensure that the solution is in compliance with the CERT-In Security Policy and Guidelines	Request you to let us know duration interval of CERT IN Audit you required? Please let us know do you required STQC audit? If yes, let us know duration interval of STQC Audit you required?	Already clarified in previous query.
289.	7 Scope of Work 7.8 SSL Certification Page No. 35	a) Secure connection between Client and Server through Secure protocol HTTPS b) Encryption of Data during transmission from server to browser and vice versa c) Encryption key assigned to it by Certification Authority (CA) in form of a Certificate. d) SSL Security in the application server	Request you to let us know that which type of SSL do you required? Who will provide the SSL? We are assuming that it will be provided by the Client.	Already clarified in previous query.

290.	7 Scope of Work 7.15.2 Software Maintenance Point A, Page No. 39	The SI shall provide unlimited support through Telephone / Email / Video Conferencing / Installation Visit as required as per the service window defined in the RFP	Request you t let us know Telephone / Email / Video Conferencing / Installation Visit cost will be provided by client or SI. We are assuming that Client will provide the all the infra.	Already clarified in previous query.
291.	8 Functional & Technical Requirement 8.3 Technology Specifications & Use Cases Page No. 45	The technology architecture is a micro-services architecture and consists of different configurable and modular technology elements that are wired together to power the Krushak Odisha Platform. The description of each of these elements is presented below.	Request you to let us know the development should be done with Micro-Service level architecture only or any other architecture can be introduced with other logic?	Already clarified in previous query.
292.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point A, Page 48	Homepage and additional static informational pages	Request you to let us know who will provide the content for the Pages? We are assuming it should be provided by client.	Already clarified in previous query.
293.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point D, Page 48	Farmer Verification	Request you to let us know details about Farmer Verification? How the farmer verification take place? It would be also appreciated if you share some thoughts on 100-day field verification and details of about it.	Already clarified in previous query.
294.	8 Functional & Technical Requirement 8.5.1 Krushak Odisha Portal Point H, Page 48	Reports	Request you to let us know what kind of reports do you required here Static Reports or Custome Reports? Please let us type of reports do you required? Please share the details about reports and numbers of reports you are expecting.	Already clarified in previous query.
295.	8 Functional & Technical Requirement 8.5.3 Decision Support System Point D, Page 55	Through this issue resolution section, all farmer related and other issues that are raised by GP officers on the Agri-extension App can be viewed, resolved and escalated by Block, District and State Officers on the Decision Support System	Request you to let us know do you required Issue resolution system for Farmer and GP only or It will be within other Stakeholders of the system as well? Do you need detailed Ticketing/Token system Issue resolution with entire maintenannce of resolution history at both end or basic system where fermer can connect with GP for an issue?	Already clarified in previous query.

296.	8 Functional & Technical Requirement 8.5.3 Decision Support System Page 56	This includes any other department system that may be required to connect in future. For any further connection, level of data access to be given as per license agreement between the DA&FE and corresponding party.	Request you to please share some more details on this points. Share the scope for it with list of department so, we can understood the scope and can make a provision for future development.	Already clarified in previous query.
297.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Aadhar Authentication	Request you to let us know who will provide the API for Aadhar Verification? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.
298.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Mobile Verification	Request you to let us know who will provide the SMS Gateway? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific ggateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
299.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 58	Bank Verification	Request you to let us know who will provide the API for Bank Integration? We are assuming that It will be provided by the Client's end.	Already clarified in previous query.
300.	8 Functional & Technical Requirement 8.7 Component – 4 [Authentication Ecosystem] Page 59	Face Recognisation	Request you to let us know who will provide the API for Face Recognisation? We are assuming that It will be provided by the Client's end. Please let us know do you need any specific gateway to be integrated? If yes, Please do share with us.	Already clarified in previous query.
301.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 62	For the following use cases there will be a parametrized decision rule engine that will provide a suggestive decision based on the pre-defined parameters and their respective computations.	Request you to let us know that is this complete Rule engine needs tobe designed and developed?	Already clarified in previous query.

302.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 64	To incorporate the following, the idea of confidence levels has been conceptualized and can be categorized into two components – ● Informational Confidence level (ICL) ● Occupational Confidence level (OCL)	Request you to let us know whether ICL and OCL is conceptualized and developed ? or need to design and developed?	Already clarified in previous query.
303.	8 Functional & Technical Requirement 8.9 Component – 6 [Rule Engine] Page No. 64	The selected vendor will need to develop the communication engine and WhatsApp Chatbot, and assist the department and other stakeholders in defining rules for both these components.	Request you to let us know entire communication engine, chatbot needs to be designed and developed or it is already developed and we need to maintain it.	Already clarified in previous query.
304.	8 Functional & Technical Requirement 8.12 Technology Development Guidelines 8.12.2 Configurability Page 73	Each technology element mentioned above will be developed in such a manner that it can be seamlessly configured by the Government department tech team. If this requires a content management system, then the same can be developed after approval from the Steering Committee.	Request you to let us knowr efrence of content management is give, is expected to design and develop?Content management system will bbe considered in the same scope?	Already clarified in previous query.
305.	8 Functional & Technical Requirement 8.13 Functional Requirement of Krushak Odisha Portal 8.13.2 Farmer Profile Builder 8.13.3 Field Verification Page 75	Field Verification	Request you to provide some more details on this point and how the field verfication takes place? This will give us good idea about the scope of the project. Is thi "Field Verification" takes place manually?	Already clarified in previous query.
306.	General Queries	Whatever Functions mentioned in Agri Ext. App, Krushak Odisa Portal, DSS are currently available and we need to mantain them and add new features	Request you to let us know all the features and functionalities mentioned are currently available & we needs to maintain it. We need to add some new fueatures into it? OR We needs to revamp and reengineer entire applications with existing and nw functionalities?	Already clarified in previous query.
307.	General Queries	Existing Application Code	Request you to please let us know that the code for the existing application is documented properly?	Already clarified in previous query.
308.	General Queries	Krushak Odisha Database and Application Agri Extension Application Descision Support System	Request you to please let us know that Feature & Functionality mentioned in RFP is already developed or only some features are developed or we need to revamp the entire application? Please share more details on this.	Already clarified in previous query.

309.	General Queries	Data Backup & Recovery	Do you have any plan ready for Data Back Up and Recovery? What will the size of HardDisk is required for Back Up? What will be the frequency of the Back Up?	Already clarified in previous query.
310.	General Queries	Firewall	Do you need Web application firewall? If yes, then any preference from your end regarding the technology and data base of the website?	Already clarified in previous query.