

Minutes of the Pre bid meeting held on 12/10/2021 at 11:00 am through Video Conferencing to discuss pre bid queries on RFP for Automation of Farm enrollment and development of Web GIS portal

A pre bid meeting was held through VC at 11:00 hrs with the representatives of various companies to discuss the queries on Tender ID 2021_MPEDA_651022_1 inviting RFP for Automation of Farm enrollment and development of Web GIS portal. Aquaculture section at MPEDA HO convened the meeting and Shri C Wilson, Joint Director presided over the meeting. The attendees of the meeting are listed at Annexure A.

Representatives of various agencies participated in the discussion; put forth queries which were discussed and clarified as below

Sl. No.	Clarification sought	Reply
1	Platform for development of Mobile app - iOS or Android ?	Both Android and iOS are required
2	Whether Department wants to use Satellite image or drone image for mapping/basemap purpose.	MPEDA has done a Proof Of Concept (POC) and based on that decided to use mobile app based survey for smaller farms located in remote areas and Drone based survey for large identified clusters. Mobile app shall have satellite imageries as Base map and the farm location data recorded during survey /mapping needs to be integrated to Web GIS platform. Where ever farm survey is done using Drones, the provider has to supply drone imageries tagged with Farm identity which shall be configured in the Web GIS platform.
3	As per RFP, Survey of minimum 25,000 hectares in option (a) and minimum 1 Lakh hectares in option (b) needs to be done. Please clarify that if it is only the farm area or is it the total coverage area.	Area mentioned is Farm area.
4	What is the approximate list of the number of APIs to be integrated ?	At present, requirement is (1) API for Aadhaar authentication 2) API to link with digitized land record information of the States like Andhra Pradesh and 3) In case any State comes up with the land records database in future, there should be a provision to integrate that database also into the software proposed. 4) API of payment gateway shall be provided by MPEDA which needs to be integrated 5) Migration of existing enrolment data base to the proposed software.

5	Whether API for Aadhaar authentication will be provided by C-DAC?	Yes
6	Whether MPEDA will facilitate linking with land records data?	Services will be facilitated by MPEDA.
7	APIs shall be provided to link the portal with Pre Harvest Test, National Residue Control Plan, DS-2031 certificates etc. Which is the primary link?	FARMID is the unique ID generated for a farm once it is enrolled. Portals- Pre Harvest Test, National Residue Control Plan and DS-2031 certificates will extract desired farm attribute information using this FARMID.
8	What are the functionalities of User modules mentioned in the RFP and whether these are GIS based?	<p>Farmer- Submits application for new enrollment and endorsement through Aadhaar authentication, Upload documents. Online fee payment. Marking of farm location.</p> <p>Field Staff (enrollment) – Shall have provisions to receive an alert when a new application is submitted by any farmer in his area of jurisdiction, view and edit entries made by the farmer and complete the verification. Shall have provision to view /edit the farm spatially in both web and mobile platforms. This will enable him/her to see for any overlapping of spatial data with already enrolled farms in the database.</p> <p>MPEDA Officers - Shall have provisions to view and edit entries made by the farmer and approves the farm completing the enrollment procedure. Shall have provision to view/edit the farm spatially in both web and mobile platforms. This will enable him/her to see for any overlapping of spatial data with already enrolled farms in the database. Shall be able to view the status of all farms, spatially based on different criteria of selection. Sampling details of a particular farm or farms in any location need to be viewable. Spatial maps must be tagged with attributes. Tools for necessary editing of farm polygons for farm endorsements.</p> <p>QC lab officers, Lab Analysts –Provision to view the status of farms in their area of jurisdiction. Sampling details of a particular farm or farms in</p>

		<p>any location in their jurisdiction need to be viewable. Administrator – Creation and change of user roles, editing of entries made by staff/officers at regional level.</p> <p>Exporters- Provision to view restricted information about a farm against submission of an enrollment number.</p> <p>Any other functionalities identified during software development.</p> <p>Functionalities shall be GIS based.</p>
9	Queries on Drone survey- permission and documents to submit	Please refer Corrigendum at Annexure B
10	Is it proposed to use GPS device (GAMIN eTrex 30) for capturing field data ?	Flowchart at 3.2.2 shows the current enrollment process of MPEDA; not the proposed one. Already enrolled farm data are available in online database and in GIS software readable files. However application shall have the capability to handle data input from GPS device (which is being used by Samplers, Monitoring officers) to view and analyze.
11	Please provide additional time for SRS compilation and finalization	Please refer Corrigendum at Annexure B
12	Please consider WEB GIS project at least ONE instead of TWO. Pls clarify ?	There will be no change
13	Are organisations working on Open source technologies eligible for this Tender for Web GIS Development?	Yes
14	Whether Multilingual is meant for all Labels/ Captions & Display Information. Or is it expected that Data entry should be Multilingual ?	Meant for all labels/captions/display information. Data entry can be in English
15	Whether MPEDA will provide Hosting in cloud server?	Yes.

16	Whether the vendor agency needs to do ground based data collection of information from un-enrolled farmers	No
17	Are un-enrolled farm locations pre-identified by MPEDA ?	Area for Drone survey will be identified by MPEDA
18	Whether Test Server will be provided by Tender Authority or the Vendor is expected to provide on their own.	Hosting in test server is the responsibility of the Vendor
19	Request for bid submission date	Please refer Corrigendum at Annexure B
20	Can you please provide any certificate format?	Certificate format will be finalized during the course of development. Presently, enrollment cards are issued to farmers which carry info – FarmID, location and certain attributes are covered in QR code
21	List of the States with Respective District where farms are located	Mainly Coastal districts of West Bengal, Odisha, Andhra Pradesh, Tamil Nadu, Kerala, Maharashtra, Karnataka, Gujarat & Goa
22	Existing data structure	Mentioned in tender document
23	In a QCBS tender 30 Marks in Presentation which is basically on Qualitative aspect is huge and there are no such mechanisms to judge any organization. We are requesting you kindly amend the marking to 15 marks on Presentation and add some more marking on other criteria	There will be no change
24	There should be a payment milestone on System Requirement Specification (SRS) sign off like 10% or 15%.	10% of software cost will be made on approval of SRS. Please refer Corrigendum at Annexure B.
25	Could Start ups be exempted from experience of running similar minimum 2 projects in the last three years	Please refer Corrigendum at Annexure B.
26	What are the expected updations in Database & the period of Updation?	There shall be a provision for updation of the data base of the enrolled farms as and when the authority decides to make some changes based on request from stake holders.
27	Is it required to automate all the enrollment Process though the proposed GIS Portal ?	Wherever possible

Based on the discussions during the pre-bid meeting and suggestions received, it was decided to issue **Corrigendum** to certain clauses in the RFP document. Accordingly the Corrigendum has been prepared and placed at **Annexure B**. It may be noted that, the Corrigendum document is supplementary to the RFP document and will form part of the RFP document.

List of Attendees

1. Mr.Wilson C, Joint Director
2. Ms.Elsamma Ithack, Deputy Director
3. Ms.Neenu Peter, Deputy Director
4. Ms.Usha Singh, System Analyst
5. Representative from SATRA Services & Solutions Pvt Ltd, Hyderabad
6. Representative from Liferay
7. Representative from CyberSWIFT Infotech Pvt Ltd, Kolkata
8. Representative from Ecometrix Consultants Pvt Ltd, Bhubaneswar
9. Representative from Trois Infotech
10. Representative from Hexagon
11. Representative from Garudalytics Private Limited, Hyderabad

12. Representative from KELTRON
13. Representative from Unwind Learning Labs, Chennai
14. Representative from Redleaf Technologies Pvt. Ltd., Coimbatore

15. Representative from SenseImage Technologies Pvt Ltd.
16. Representative from ALG International Geological Services Pvt Ltd, Cochin
17. Representative from Detect Technologies Pvt Ltd, Chennai

18. Representative from Scanpoint Geomatics Ltd, Ahmedabad
19. Representative from Marut Drones, Hyderabad
20. Representative from UL Technology Solutions

Annexure B

CORRIGENDUM

Sl.no	RFP Para	RFP Clause	Revised RFP Clause
1	1 & 2	Last Date and Time for receipt of Bids - 17:00 hours on 22/10/2021 Time and Date of Opening of Technical Bid - 11:00 hours on 25/10/2021	Last Date and Time for receipt of Bids 17:00 hours on 29/10/2021 Time and Date of Opening of Technical Bid - 11:00 hours on 01/11/2021
2	3.3.2	An individual company or a Consortium of companies (max. two) is eligible to bid. In case of a Consortium, there should be an agreement between the two parties and bid document can be submitted by any of them.	An individual company or a Consortium of companies (max. two) is eligible to bid. In case of a Consortium, there should be an agreement between the two parties and bid document shall be submitted by the Primary Bidder as per the agreement.(Consortium agreement format is placed at Annexure D).
2	3.3.5 (a) 1	The Bidder must be a registered entity with minimum 3 (three) years of existence on the day of submission of bid. Or The bidders who are currently registered with MSME/NSIC for providing drone services or Startup as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) shall be eligible for exemption from this point	The Bidder (Or Members of consortium) must be a registered entity with minimum 3 (three) years of existence on the day of submission of bid. Or The bidders or members of Consortium who are Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) shall only be eligible for exemption from this point.
3	3.3.5 (a) 2	The Bidder must have at least 3 (three) years of experience in working with Government organizations/public sector undertakings/reputed private organizations. (Or) The bidders who are currently registered with MSME or Startup as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) shall be eligible for exemption from this point	The Bidder (Or Members of consortium) must have at least 3 (three) years of experience in working with Government organizations/public sector undertakings/reputed private organizations. Or The bidder or members of Consortium who are Micro and Small Enterprises (MSEs) or Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) shall only be eligible for exemption from this point.

4	3.3.5(a).3	The Bidder must have the experience of running similar projects for at least 2 (two) State/ Central Government organizations/ public sector undertakings in the last 3 (three) years.	The Bidder (Or Members of consortium) must have the experience of running Drone based projects for at least 2 (two) State/ Central Government organizations/ public sector undertakings in the last 3 (three) years. Or The bidder or members of Consortium who are MSEs or Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) shall only be eligible for exemption from this point.
5	3.3.5(a).4	The Bidder must have experienced professionals in the field of aerial survey using unmanned vehicles	The Bidder (Or Members of consortium) must have experienced professionals in the field of aerial survey using unmanned vehicles
6	3.3.5(a).5	The Bidder must have experience in the development of at least 2 projects based on Web GIS platform	The Bidder (Or Members of consortium) must have experience in the development of at least 2 projects based on Web GIS platform for State/ Central Government organizations/ public sector undertakings in the last 3 (three) years. Or The bidder (or members of Consortium) who are MSEs or Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT) shall only be eligible for exemption from this point.
7	3.3.5(a).6.	The bidder should have certificate or permission from the police or competent authority to operate drones should be submitted online while participating in the tender	The bidder (Or Members of consortium) shall submit documents of compliance with the Drone Rules 2021, published by Ministry of Civil Aviation. Relevant document in respect of Type certificate, Unique ID number for Drones, Remote Pilot license etc shall be submitted.
8	3.3.5(b)	Average annual financial turnover of related services during the last 3 (three) financial years, preceding the bid due date should be at least Rs. 3 Cr. Note: The bidders who are currently registered with MSME or Startup as	Average annual financial turnover of related services during the last 3 (three) financial years, preceding the bid due date should be at least Rs. 3 Cr. Note: The bidders who are MSEs or Startups as recognized by Department for

		recognized by Department for Promotion of Industry and Internal Trade (DPIIT) shall be eligible for exemption from this point	Promotion of Industry and Internal Trade (DPIIT) shall be eligible for exemption from this point. In case of Consortium, at least one member needs to satisfy the financial capacity.
9	3.4.1(a)	Earnest Money Deposit (EMD) Amount: Rs. 5,00,000 (Rupees Five lakh only) . Bids received without EMD shall be summarily rejected, treated as non-responsive and shall be returned without technical evaluation.	EMD, where ever mentioned in the Original Tender Document may be read as "Bid Security Declaration". Declaration format is enclosed as Annexure C.
10	3.4.8 (c)	The Bidder shall also by the bid due date, submit a hard copy of certain legal instruments and documents in hard copy to the address and person mentioned hereunder.	The clause is deleted
11	3.4.11	The Agency shall have to submit a Performance Security in the form of Bank Guarantee equivalent to 10% of the value of the Financial Bid quoted ("Performance Security"). The Performance Security shall be valid for a period of 27 (twenty seven) months from the date of execution of the Contract. On successful completion of the Contract period, if the Contract is extended for another year, the Agency shall ensure that the Performance Security is extended for another 13 months.	The Agency shall have to submit a Performance Security in the form of Bank Guarantee equivalent to 3% of the value of the Financial Bid quoted. The Performance Security shall be valid for the period of contract. On successful completion of the Contract period, if the Contract is extended, the Agency shall ensure that the Performance Security is extended for the period of extension of contract.
12	3.5(d)	Upon identification of the successful Bidder pursuant to this tender document, MPEDA and the successful Bidder shall enter into a contract ("Contract") with tenure of 3 (three) years from the date of commissioning of Services, which shall be further extendable by 2 (two) more year as per the terms and conditions stipulated in the Contract. The extension of the Contract tenure will be based on their performance evaluation on indicators like "News feed, followers, re-tweets, number of	Upon identification of the successful Bidder pursuant to this tender document, MPEDA and the successful Bidder shall enter into a contract for a tenure of 2 years from the date of commissioning of Services, which shall be further extendable based on successful execution of the contract on mutually acceptable terms.

		likes, number of shares, comments,	
13	3.5.4(1)	Company registered under MHA as a Drone services company -10 marks	Company registered under MHA/MoCA as a Drone services company -10 marks
14	3.5.4(2)	Experience of doing Drone based projects 10 projects & above - 20 marks 8 - 9 projects - 15 marks 5-7 projects - 10 marks 3-4 projects -5 marks	Experience of doing Drone based projects 10 projects & above - 20 marks 8 - 9 projects - 15 marks 5-7 projects - 10 marks Up to 4 projects -5 marks* *Startups/MSEs with no prior experience will get 5 marks only
15	3.5.4(4)	Bidder experience in providing Web GIS solutions. 10 projects & above- 25 marks 8 - 9 projects - 20 marks 5-7 projects – 15 marks 2-4 projects - 10 marks	Bidder experience in providing Web GIS solutions. 10 projects & above- 25 marks 8 - 9 projects - 20 marks 5-7 projects – 15 marks Up to 4 projects - 10 marks* *Startups /MSEs with no prior experience will get 10 marks only
16	4	Payment Schedule- Software solution Cost 40 % of Software solution Cost - After UAT of Solution 25% of Software solution Cost - After GO-LIVE of the solution 25% of Software solution Cost - Paid after successfully running of application for a period of one month from the date of Go-live of application	Payment Schedule- Software solution Cost 10 % of Software solution Cost - approval of SRS 30 % of Software solution Cost - After UAT of Solution 25% of Software solution Cost - After GO-LIVE of the solution 25% of Software solution Cost - Paid after successfully running of

		10%- On successful completion of One year warranty period	application for a period of one month from the date of Go-live of application 10% of Software solution Cost - On successful completion of One year warranty period
17	5	Delivery period- Time frame for development of WebGIS software and integrated mobile app	15 weeks is replaced with 26 weeks (SRS compilation and approval - 5 weeks, Layout design approval and development – 9 weeks, Hosting in test server – 1 week, Third party security audit – 8 weeks, Hosting in cloud server and installing SSL certificate -2 weeks and Commissioning /Launching – 1 week) Warranty period- 1 year
18	3.2.1	Hosting of application in cloud server (NIC cloud server or NIC empaneled server or both)	Hosting of application in Cloud server (NIC Cloud Server or MeitY empaneled server or both)
19	3.4	Terms and conditions	3.4.21 The bidder (Or Members of consortium) should strictly ensure Covid 19 protocol in the work place. OMs/Guidelines issued by Local Body/State/Central Government may be followed by the Contractors/representatives/labourers etc.

Bid-Security Declaration- Format

To
The Secretary
MPEDA
Panampilly Nagar, Kochi-36

Reference: (1) Tender ID: 2021_MPEDA_651022_1

(2) Our Bid No. _____ dt.

I/We , on behalf of M/s the undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.

I/We hereby accept that I/We may be disqualified from bidding for any contract with you for a period of **Two years** from the date of notification if I am /We are in a breach of any of the obligations under the bid conditions, because I/We

1) have withdrawn/ modified/amended, impairs or derogates from the tender, my/our Bid during the bid validity period specified in the form of Bid; or

2) having been notified of the acceptance of our bid by MPEDA, I/we (i) refuse/ fail to furnish the performance security or (ii) refuse/ fail to execute the contract, if required ,or (iii) fail to commence the execution of the work, in accordance with the instructions to Bidders.

I/We understand this Bid Security Declaration shall cease to be valid if I am/We are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder, or (ii) thirty days after the explanation of the validity of my/our Bid.

Signature with stamp
(Signature of person whose name and capacity are shown)
In the capacity of (legal capacity of person signing the Bid Securing Declaration)
Name:

Dated on _____ day of _____ month, _____ year. (date of signing)
(Note: In case of a Consortium, the Bid Security Declaration must be in the name of all members that submits the bid).

CONSORTIUM AGREEMENT

(To be executed on non-judicial stamp paper of appropriate value)

THIS AGREEMENT(‘Agreement’) made on

Whereas The Marine Products Export Development Authority, MPEDA House, P.B.No. 4272, Panampilly Avenue, Panampilly Nagar P.O., Kochi -682036, Kerala (Employer) invited the proposal for the services of Selection of Agency for “.....”(here after called as Project), Tender No. dated

Whereas the following companies are formed as Consortium to participate in Project

M/s <<Primary Bidder>>, and

M/s << Consortium Partner>>,

The Consortium duly taken note of this request, now the parties as named above hereby declare M/s <<Primary Bidder>> as in charge and M/s << Consortium Partner>>, as Consortium Partner.

NOW THEREFORE, for and in consideration of the mutual covenants described below, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. The partner in charge has been authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the Consortium and the entire execution of the contract, including payment, shall be done exclusively with the partner in charge.
2. The liability of each individual Consortium partner for the execution of the contract shall be limited to each individual Consortium partner role, defined in item 7 of this agreement.
3. The parties will jointly prepare the proposal to MPEDA, joining in their respective portions of services.
4. Each party shall bear the relevant costs to be incurred for such proposal on its own behalf.
5. All partners of the Consortium shall be liable jointly and severally for the execution of the contract in accordance with the contract terms.
6. In case of acceptance of their Consortium by MPEDA, the parties endeavor to supply their part of services, notwithstanding changes necessary according to customer requirements. They will furthermore accordingly agree on the form of contracting amongst each other for or within such award, be this Consortium or other forms.
7. Role of partners.

- a.
- 8. The pricing structure will be governed by a separate agreement, which shall be drawn within the purview of this agreement and shall be mutually agreed upon by both the parties.
- 9. The term of the Consortium shall be for a period of from the date of signing the agreement or until completion of this project, whichever is earlier. This consortium shall stand automatically terminated on the occurrence of any of the events as outlined below:
 - a. The tender for which this Consortium has been created is cancelled for any reasons, or,
 - b. The tender is awarded to other party or parties.

IN WITNESS whereof the parties hereto set their respective hands and seals on the day and year first above written.

<Place>, <Date>

For <<Primary Bidder>> for << Consortium Partner>>,

Name
Designation

Name
Designation

Witness:

- 1.
- 2.