

GOVERNMENT OF BIHAR

Department of Animal and Fish Resources

Bailey Road, Patna, Bihar 800001, Bihar (India)

Tel.:+91 612-2535900 Fax:+91 612- 2535899

Website: -<http://ahd.bih.nic.in/>

REQUEST FOR PROPOSAL (RFP)

GIS based Application for

FISHERIES POTENTIAL RESOURCES

1. **DISCLAIMER**

- i. The information contained in this Request for Proposal document (RFP) or subsequently provided to bidders, whether verbally or in documentary or any other form by or on behalf of the Purchaser or any of their employees or advisers, is provided to bidders on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.
- ii. This RFP is not an agreement and is neither an offer nor invitation by the Purchaser to the prospective bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the Purchaser in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the Purchaser, its employees or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each bidder should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and obtain independent advice from appropriate sources.
- iii. Information provided in this RFP to the bidders is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Purchaser accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.
- iv. The Purchaser, its employees and advisers make no representation or warranty and shall have no liability to any person including any bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the

RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this selection process.

- v. The Purchaser also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any bidder upon the statements contained in this RFP. The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this RFP.
- vi. The issue of this RFP does not imply that the Purchaser is bound to select a bidder or to appoint the selected bidder, as the case may be, for the Project and the Purchaser reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.
- vii. The bidder shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Purchaser or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the bidder and the Purchaser shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an bidder in preparation of submission of the Proposal, regardless of the conduct or outcome of the Selection Process.

2. IMPORTANT INFORMATION

IMPORTANT INFORMATION ABOUT THE RFP

EMD	An EMD of Rs.1, 00,000/- by way of bank Draft drawn in favour of Director Fisheries, Bihar. <i>Entities exempted from submission of EMD: As per MSMED Act, 2006 or erstwhile NSIC Registered Parties. Confirmation on applicability of “micro, small and medium enterprises development act, 2006 (MSMED Act 2006)”</i>
Last Date of Submission of written queries on Bid document for pre bid conference	Any clarification and queries relating to tender document. Bidders have to submit their written clarifications & queries on before 23.06.2017 Bidder can submit their queries by hand or by email on directorfisheries-bih@nic.in
Pre bid Conference	At 16:00 hrs. on 28.06.2017, Department of Animal and Fish Resources, Bailey Road Patna, Bihar 800001, Bihar (India)
Last date for submission of Bids	Up 15:00 hrs on 10.07.2017
Opening of General Cum Technical Bids	15:00 hrs on 12.07.2017
Opening of Financial Bids	Only those bidders, who qualifies, will be informed about the Financial bid opening dates.
Address for Communication	Directorate of Fisheries, Bailey Road, Patna, Bihar 800001, Bihar (India)
Contact Person	Sri Suman Kumar, Deputy Director of Fisheries (Incharge Planning), Directorate Of Fisheries, Bihar, Patna Contact no.-9473191554

3. LIST OF ABBREVIATIONS

PAT	Profit after tax
TEC	Technical Evaluation Committee
POC	Proof of Concept
PBG	Performance Bank Guarantee
EMD	Earnest Money Deposit
PMO	Project Management Office
AMC	Annual Maintenance Contract
PFZ	Potential Fishing Zone
HHT	Hyper-threading
ATI	Array Technologies Incorporated
TCP/IP,	Transmission Control Protocol/Internet Protocol
SQL	Structured Query Language
SOW	Scope of Work
MSMED	Micro, Small and Medium Enterprise Development
MSA	Master Service Agreement
SLA	Service Level Agreement

4. NOTICE INVITING TENDER

GOVERNMENT OF BIHAR

Department of Animal and Fish Resources

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Tel.:+91 612-2535800 , Fax:+91 612-2535899

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NOTICE INVITING TENDER (NIT)

SEALED TENDERS ARE INVITED IN TWO BID SYSTEM FROM REPUTED COMPANIES BY THE DEPARTMENT OF ANIMAL & FISH RESOURCES, GOVERNMENT OF BIHAR FOR “**APPLICATION DEVELOPMENT FOR FISHERIES POTENTIAL RESOURCES**” **ON A TURNKEY BASIS.**

The last date for submission of the completed bid will be on or before **15.00 hrs on 10.07.2017** and there will be a pre-bid meeting on 28.06.2017. The bids will be opened on 12.07.2017 .at **15:00 hrs in** presence of the bidders or their authorized representatives.

The undersigned reserves the right to cancel the bid without assigning any reasons.

(.....)

Director (Fisheries)

**Department of Animal and Fish
Resources**

Patna, Bihar

5. DEFINITIONS

- i. **"Bidder"** means any firm offering the solution(s), service(s) and for materials required in the RFP. The word Bidder when used in the pre-award period shall be synonymous with Bidder or operator or service provider, and when used after award of the Contract shall mean the successful Bidder or operator or service provider.
- ii. **"Agreement"** means this Master Service Agreement together with the Service Level Agreement and the contents and specifications set out in all the volumes of the RFP; which constitute an integral and inseparable part of the Agreement.
- iii. **"Applicable Laws"** includes all applicable statutes, enactments, acts of legislature or parliament, laws, ordinances, rules, by-laws, regulations, notifications, guidelines, policies, directions, directives and orders of any Governmental authority, tribunal, board, court or other quasi-judicial authority;
- iv. **"Application Software"** means the software designed, developed, tested and deployed by the Implementation Agency for the specific and exclusive purposes of rendering the Services to the Stakeholders of the Project and includes the source code along with associated documentation, which is the work product of the development efforts involved in the Project and the improvements and enhancements effected during the term of the Project, but does not include third party software products (except for the customization components on such products), proprietary software components and tools deployed by the Implementation Agency, and which, i.e., the bespoke software, shall be solely owned by the managing Director;
- v. **"Confidential Information"** means all information including Project Data (whether in written, oral, electronic or other format) which relates to the technical, financial and business affairs, customers, suppliers, products, developments, operations, processes, data, trade secrets, design rights, know-how and personnel of each Party and its affiliates which is disclosed to or otherwise learned by the other Party (whether a Party to this MSA or to the SLA) in the course of or in connection with this MSA (including without limitation such information received during negotiations, location visits and meetings in connection with this MSA or to the SLA);

- vi. **"Control"** means possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of any entity, whether through the ownership of voting securities, by contract or otherwise;
- vii. **"Data Centre" or "DC"** means the primary center where data, software, computer systems and associated components, such as telecommunication and storage systems, redundant or backup power supplies, redundant data communications, environment controls and security devices are housed and operated from;
- viii. **"Effective Date"** means the date on which the MSA is signed by both the Parties;
- ix. **"Implementation Agency Proprietary Information"** shall mean Proprietary Information of the Implementation Agency and shall include all modifications, enhancements and other derivative works of such Implementation Agency;
- x. **"Implementation Sites" or "Project Locations"** shall mean any or all the locations (including DC), where GIS based Application System is to be implemented by Implementation Agency pursuant to the Agreement;
- xi. **"Intellectual Property Rights"** means and includes all rights in the Application Software, its improvements, upgrades, enhancements, modified versions that may be made from time to time, database generated, compilations made, source code and object code of the software, the said rights including designs, copyrights, trademarks, patents, trade secrets, moral and other rights therein;
- xii. **"Listed Assets"** means entire hardware and software, network or any other information technology infrastructure components which are to be provided by the IA for and on behalf of Project **Director Fisheries, Bihar in the name of the Project Director.**
- xiii. **"Material Adverse Effect"** means material adverse effect on (a) the ability of the IA to perform/discharge any of its duties/obligations under and in accordance with the provisions of this MSA and/or SLA; and/or (b) the legal validity, binding nature or enforceability of this MSA and/or the SLA.
- xiv. **"Operations and Maintenance" or "O&M"** means the services to be rendered, as per the SLA, during the period commencing from the "Go-Live

date" till the expiry or termination of the Master Service Agreement;

- xv. **"Operations and Maintenance Phase"** means the phase in which O&M is to be carried out by the IA.
- xvi. **"PBG" or "Performance Guarantee" or "Performance Bank Guarantee"** shall mean an unconditional and irrevocable bank guarantee provided by a Nationalized/ Scheduled Bank to Project Director on behalf of the Implementation Agency amounting to 10% of the Project Value calculated on annual basis. The Performance Guarantee shall be valid for three years from the date of work order/Agreement, unless extended pursuant to the Agreement;
- xvii. **"Project Data"** means all proprietary or other data of the Project generated out of the Project operations and transactions, documents and related information including but not restricted to user data which the Implementation Agency obtains, possesses or processes in the context of providing the Services to the users pursuant to this MSA and the SLA;
- xviii. **"Project Director , means an officer of the Government of Bihar, who is to be responsible for discharging all the responsibilities under the computerization of Project.**
- xix. **"Project Implementation"** means the implementation of this Project as per the testing standards and acceptance criteria prescribed in the Agreement;
- xx. **"Project Implementation Phase"** means the period between the Effective Date and the Go-Live date;
- xxi. **"Proprietary Information"** means processes, methodologies and technical and business information, including drawings, designs, formulae, flow charts, data and computer programs already owned by party recreates or granted by third parties to a Party here to prior to its being made available under this MSA, or the SLA;
- xxii. **"RFP" or "Request for Proposal"** means the documents containing the Technical, Functional, Operational, Commercial and Legal specifications terms and conditions for the implementation of the Project and includes the clarifications, explanations and amendments issued by Project Director from time to time.

- xxiii. **"Service Level"** means the level of service and other performance criteria which will apply to the Services ; **"Service Level Agreement" or "SLA"** means the Agreement on service levels between Implementation Agency and Project Director, in terms of the Service Level requirements as per the model set out in MSA;
- xxiv. **"Services"** means the services to be rendered during the Project Implementation Phase and the Operation and Management Phase including but not limited to the services to be delivered to the Stakeholders, seeking information with respect to Department of Industries sale and distribution, procured, installed, managed and operated by the Implementation Agency including the tools of information and communications technology;
- xxv. **"Stakeholders"** means the Key Important stakeholders and other stakeholders, as defined in RFP and the citizens of India;
- xxvi. **"Third Party Systems"** means systems (or any part thereof) in which the Intellectual Property Rights are owned by a third party and to which Implementation Agency has been granted a license to use and which are used in the provision of Services;
- xxvii. **"Third Party Agency"** means the agency appointed by the Project Director for the purpose of certification of the hardware and software by conducting various types of tests.
- xxviii. **"Project"** means project involving design, development, implementation, and maintenance across all the locations as per terms and conditions laid down in the RFP in conformance to SLA.

INSTRUCTIONS

1. Late Bids

Any bid received by the Tenderer after the time and date for receipt of bids prescribed in the RFP document will be rejected and returned unopened to the Bidder.

2. Bid Forms

- i. Wherever a specific form is prescribed in the Bid document, the Bidder shall use the form to provide relevant information. If the form does not provide space for

any required information, space at the end of the form or additional sheets shall be used to convey the said information.

- ii. For all other cases, the Bidder shall design a form to hold the required information.
- iii. Department shall not be bound by any printed conditions or provisions in the Bidder's Bid Forms

3. Bid Documents

The vendor is expected to examine all instructions, forms, terms and specifications in the RFP document. The RFP document shall be considered to be read, understood and accepted by the vendor, unless deviations are specifically stated by the vendor within two (2) days from the date of issue of the RFP to the Vendor. Failure to furnish all information required by the RFP documents or submission of a bid not substantially responsive to the RFP documents in every respect will be at vendor's risk and cost and may result in the rejection of its bid.

4. Amendment of RFP

At any time prior to the execution of the Contract, Director Fisheries or The Department may for any reason whether at its own initiative or in response to a clarification requested by a prospective vendor, modify these Terms and Conditions or the scope by the issuance of an amendment by the mode solely decided by the Department to all vendors who had procured the RFP.

5. Pre bid Conference (PBC)

- i. Tenderer shall hold a pre bid conference (PBC). In this PBC, Tenderer would address the clarifications sought by the bidders with regard to the RFP document and the project. The bidders would be required to submit their queries to the Director (Fisheries), Department of Animal and Fish Resources, in writing to be received at least 1 day prior to the PBC or E-Mail at directorfisheries-bih@nic.in. Queries not submitted within this deadline will not be taken up at the PBC.
- ii. Tenderer reserves the right not to respond to any/all queries raised or clarifications sought if, in their opinion and at their sole discretion, they consider that it would be inappropriate to do so or do not find any merit in it.

6. Response to Bidder’s Enquiries

All enquiries from the bidders relating to this RFP must be submitted in writing exclusively to the contact person two days prior to the date specified for pre-bid meeting in the RFP Data Sheet. Any query received after the due date shall not be entertained. The queries should necessarily be submitted in the following format:

BIDDER’S REQUEST FOR CLARIFICATION				
Name of Organization submitting request		Name & position of person submitting request		Complete address of the organization including phone, fax and email points of contact
				Tel:
				e-Mail:
				FAX:
Sr.	Bidding Reference(s) number/ page	Document (section	Content of RFP requiring clarification	Points of clarification
1.				
2.				

All enquiries should be sent either through email or Fax. Purchaser shall not be responsible for ensuring that bidders’ enquiries have been received by them. Purchaser shall provide a complete, accurate, and timely response to all questions to all the bidders. However, Purchaser makes no representation or warranty as to the completeness or accuracy of any response, nor does Purchaser undertake to answer all the queries that have been posed by the bidders. All responses given by Purchaser will be distributed to all the bidders through publication at web site.

7. How to respond

All bids shall be in writing and shall cover the scope of work detailed in this document to this Request for Bid, and all prices and amounts (where applicable) shall be stated in figures. Prospective parties must provide all requisite information stated in this Request for Bid. Any bid, which does not fully and comprehensively address the requirement in this Request for Bid may be rejected by Animal & Fish Resources Department at its sole discretion.

8. Cost of Bid

A prospective vendor shall bear all costs associated with the preparation and submission of its bid and Animal & Fish Resources Department will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bid process.

9. Fixed Prices

The negotiated rates shall be fixed for the duration of the Contract and shall not be subject to adjustment on any account. Bids submitted with any price adjustment condition shall be treated as non-responsive and rejected.

10. Currency of bid and payment

The financial component of the bid shall be quoted by a prospective vendor entirely in Indian currency and all payment shall be made in Indian currency only. Proposed cost should include software license cost, transformation and delivery cost and annual maintenance cost. Taxes will be mentioned separately. Other than the above Animal & Fish Resources Department shall not bear any other expenses whatsoever. Software license cost details to be provided in the mentioned format.

11. Sufficiency of Bid

Prior to submitting a bid, a prospective vendor shall be deemed to have satisfied itself as to the correctness and sufficiency of the scope of work and of the financial components stated in its bid, if any, which financial bid shall, except in so far, as it is otherwise provided in the Contract, cover all of such vendor's obligations under the Contract and all matters and things necessary for the proper execution and maintenance of the scope of work.

12. Subcontracting and Partnerships

A prospective vendor shall state clearly in its bid if any part of the proposed work is planned to be subcontracted to any other vendor or whether the prospective is allying with another entity to submit abidandthe nature of such vendor's involvement and business. The bid should also state as who will support the products during the whole warranty / AMC period.

13. Licenses and Permits

A prospective vendor shall have any and all licenses, approvals and permits required to perform the work specified and shall immediately furnish documentary proof of such licenses with certification from OEM supplier, approvals and permits with its bids, if required.

14. Withdrawal and Modification of Bids

Bids may be modified or withdrawn in writing, prior to the bid closing time specified by Animal & Fish Resources Department. Bids can't be modified or withdrawn after that time.

15. Errors in Bid

Prospective parties are expected to examine any drawings, specifications, schedules and other instructions pertaining to the work, made available by Animal & Fish Resources Department to the prospective parties for inspection. Failure to do so will be at the prospective vendor's own risk. In case of error in the totaling of prices, the price favourable to Animal & Fish Resources Department will govern.

16. Bid Validity

Bids submitted shall remain valid for acceptance for a period of 120 days from the date of submission of such bids.

17. Acceptance / Rejection of Bids

This RFP does not commit Animal & Fish Resources Department toward a contractor to pay any costs incurred in the preparations or submission of bids, or costs incurred in making studies for the preparation thereof or to procure or contract for services. Not with standing any clauses stated above, Animal & Fish Resources Department reserves the right to accept or reject any bid and to annual the bid process and reject all bids, at any time prior to the award of the contract, without thereby incurring any liability to the affected vendor(s) or any obligation to inform the affected vendor(s) of the grounds for Animal & Fish Resources Department's action.

18. Earnest Money/Security Deposit:

- i. The General Bid should also contain relevant supporting documents and Earnest Money Deposit (EMD) as per details given below, by Demand Draft /Irrevocable Bank **Guarantee (valid for six month) of any nationalized/ scheduled bank or drawn / deposited in favor of "Director Fisheries, Patna, Bihar, payable**

at Patna from any scheduled/nationalized bank EMD for the entire project Rs. 1,00,000/- (Rupees One Lac only). The Earnest Money Deposit of the unsuccessful bidders will be refunded without any interest after issuance of LOI on successful bidder.

ii. **Forfeiture of EMD:** The EMD submitted by the Vendor shall be forfeited in any of the following condition. However, Animal & Fish Resources Department reserves the right to over ride any of the following condition at its sole discretion.

- The Vendor withdraws his Bid before opening of the bids
- The Vendor withdraws his Bid after opening of the bids but before Notification of Award
- The selected Vendor withdraws proposal before furnishing Performance Bank Guarantee
- The Vendor violates any of the provisions of the RFP up to submission of Performance Bank Guarantee
- If the Vendor makes any statement or encloses any evidence which turns out to be false, incorrect and/or misleading or information submitted by the Vendor conceals or suppresses material information.
- Failure to accept the order by the selected Vendor within 7 days from the date of receipt of the notification of Award

iii. **Return of EMD**

- EMDs furnished by all unsuccessful Vendors will be returned on the expiration of the bid validity/ finalization of the successful Vendor, whichever is earlier
- The EMD of successful Vendor shall be returned / refunded only after furnishing Performance Bank Guarantee as required in this RFP

19. Performance Bank Guarantee

Within seven (7) days of the lease of the Purchase Order, Vendor shall furnish to Animal & Fish Resources Departmental Performance Security inform of a bank guarantee for an amount equivalent to 10% (ten percent) of the Purchase Order(s) value. Animal & Fish Resources Department shall be entitled to draw down from the proceeds of the Performance Security as compensation for any loss resulting from

Vendor's failure to fulfill any of its obligations under this Agreement. No interest shall be paid by Animal & Fish Resources Department for the Performance Bank Guarantee submitted with Animal & Fish Resources Department. All expenses and charges in connection with the execution of the Corporate Performance Guarantee shall be for the account of The Vendor.

20. Local Conditions

- i. Each Bidder is expected to fully get acquainted with the local conditions and factors, which would have any effect on the performance of the contract and /or the cost.
- ii. The Bidder is expected to know all conditions and factors, which may have any effect on the execution of the contract after issue of Letter of Award as described in the bidding documents. The Tenderer shall not entertain any request for clarification from the Bidder regarding such local conditions.
- iii. It is the Bidder's responsibility that such factors have properly been investigated and considered while submitting the bid proposals and no claim what so ever including those for financial adjustment to the contract awarded under the bidding documents will be entertained by the Tenderer. Neither any change in the time schedule of the contract nor any financial adjustments arising thereof shall be permitted by the Tenderer on account of failure of the Bidder to know the local laws / conditions.
- iv. The Bidder is expected to visit and examine the locations and obtain all information that may be necessary for preparing the bid at their own interest and cost.

21. Purchaser's Right to Terminate RFP Process

- a. The Purchaser reserves the right to accept or reject any proposal, and to annul the RFP process and reject all proposals at any time prior to award of contract, without incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for Purchaser's action. The Purchaser makes no commitment, expressed or implied that this process will result in a business transaction with anyone.
- b. This RFP does not constitute an offer by the Purchaser. The bidder's participation in this process may result in Purchaser selecting the bidder to engage in further discussions and negotiations toward execution of a contract. The commencement of such negotiations does not, however, signify a commitment by the Purchaser to execute a contract or to continue negotiations. The Purchaser may terminate negotiations at any time without assigning any reason.

- c. Failure to execute the Agreement with the selected bidder within the defined period may result in award of the same work to another agency at the risk and cost of the Bidder.

22. Contacting the Tenderer

- i. Any effort by Bidder influencing the Tenderer's bid evaluation, bid comparison or contract award decisions may result in the rejection of the bid.
- ii. Bidder shall not approach officials after office hours and/ or outside the office premises, from the time of the bid opening till the time the Contract is awarded.

23. Period Of Project

This IT integration Project shall come into effect on the Effective date and shall continue for a period of **Three years from the date of agreement and software Go-live, unless terminated earlier** .The request and the response thereto shall be made in writing for extension term. The Performance Bank Guarantee provided shall also be suitably extended .**Contract signed for Three Year and renew 2 year further after review** by the department if required or the competent authority.

24. Supplementary Information / Corrigendum / Amendment to the RFP

- a. If Purchaser deems it appropriate to revise any part of this RFP or to issue additional data to clarify an interpretation of the provisions of this RFP, it may issue supplements/corrigendum to this RFP. Such supplemental information will be made available on website <http://ahd.bih.nic.in/>. Any such supplement shall be deemed to be incorporated by this reference into this RFP.
- b. At any time prior to the deadline (or as extended by the Purchaser) for submission of bids, Purchaser, for any reason, whether at its own initiative or in response to clarifications requested by prospective bidder may modify the RFP document by issuing amendment(s). All bidders will be notified of such amendment(s) by publishing on the websites, and these will be binding on all the bidders.
- c. In order to allow bidders a reasonable time to take the amendment(s) into account in preparing their bids, Purchaser, at its discretion, may extend the deadline for the submission of bids.

25. Arbitration

Department of Animal & Fish Resources and the selected bidder shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract. If, after ninety (90) days from the commencement of such informal negotiations, State and the selected Bidder have been unable to amicably resolve dispute, either party may require that the dispute be referred for resolution to the formal mechanisms, which may include, but are not restricted to, conciliation mediated by a third party acceptable to both, or in accordance with the Arbitration and Conciliation Act, 1996. All Arbitration proceedings shall be held at Patna, Bihar and the language of the arbitration proceedings and that of all documents and communications between the parties shall be in English.

26. Disqualification

The proposal is liable to be disqualified in the following cases or in case bidder fails to meet the bidding requirements as indicated in this RFP:-

- a. Proposal not submitted in accordance with the procedure and formats prescribed in this document or treated as non-conforming proposal
- b. During validity of the proposal, or its extended period, if any, the bidder increases his quoted prices
- c. The bidder qualifies the proposal with his own conditions
- d. Proposal is received in incomplete form
- e. Proposal is received after due date and time at the designated venue
- f. Proposal is not accompanied by all the requisite documents
- g. If bidder provides quotation only for a part of the project
- h. Information submitted in technical proposal is found to be misrepresented, incorrect or false, accidentally, unwittingly or otherwise, at any time during the processing of the contract (no matter at what stage) or during the tenure of the contract including the extension period, if any
- i. Commercial proposal is enclosed with the same envelope as technical proposal
- j. Bidder tries to influence the proposal evaluation process by unlawful / corrupt / fraudulent means at any point of time during the bid process
- k. In case any one bidder submits multiple proposals or if common interests are found in two or more bidders, the bidders are likely to be disqualified, unless additional proposals/bidders are withdrawn upon notice immediately

- I. Bidder fails to deposit the Performance Bank Guarantee (PBG) or fails to enter into a contract within stipulated date of notice of award of contract or within such extended period, as may be specified in the RFP.
- m. while evaluating the proposals, if it comes to Purchase Committee's knowledge expressly or implied, that some bidders may have colluded in any manner whatsoever or otherwise joined to form an alliance resulting in delaying the processing of proposal then the bidders so involved are liable to be disqualified for this contract as well as for a further period, as decided by the Purchaser, from participation in any of the tenders floated by the Purchaser.

27. Conflict of Interest

TSA shall furnish an affirmative statement as to the absence of, actual or potential conflict of interest on the part of the TSA or any prospective subcontractor due to prior, current, or proposed contracts, engagements, or affiliations with the Purchaser. Additionally, such disclosure shall address any and all potential elements (time frame for service delivery, resource, financial or other) that would adversely impact the ability of the TSA to complete the requirements as given in the RFP. Please use form given in Annexure for making declaration to this effect.

28. Commercial Proposal

- i. The Bidder is expected to price all the items and services proposed in the Technical Proposal. Purchaser may seek clarifications from the Bidder on the Technical Proposal. Any of the clarifications by the Bidder on the technical proposal should not have any commercial implications. The Commercial Proposal submitted by the Bidder should be inclusive of all the items in the technical proposal and should incorporate all the clarifications provided by the Bidder on the technical proposal during the evaluation of the technical offer.
- ii. Unless expressly indicated in this RFP, bidder shall not include any technical information regarding the services in the commercial proposal. Additional information directly relevant to the scope of services provided in RFP may be submitted to accompany the proposal. However, this information will not be considered for evaluation purposes.
- iii. The Commercial Proposal must be detailed and must cover each year of the contract term. The bidder must provide the Commercial Proposal in hardcopy only.

iv. Correction of Error

- a. Bidders are advised to exercise adequate care in quoting the prices. No excuse for corrections in the quoted figures will be entertained after the commercial proposals are received by Purchaser. All corrections, if any, should be initialled by the person signing the proposal form before submission, failing which the figures for such items may not be considered.
- b. Proposals will be checked by the Purchaser for any arithmetic errors during the evaluation of the Financial Proposal.

v. Prices and Price Information

- a. The Bidder shall quote a price for all the components, the services of the solution to meet the requirements as listed in this RFP. All the prices will be in Indian Rupees.
- b. No adjustment of the price quoted in the Commercial Proposal shall be made on account of any variations in costs of labour and materials, currency exchange fluctuations with international currency or any other cost component affecting the total cost in fulfilling the obligations under the contract.
- c. The price quoted in the Commercial Proposal shall be the only payment, payable by the Purchaser to the successful Bidder for completion of the contractual obligations by the successful Bidder under the Contract, subject to the terms of payment specified as in the proposed commercial bid or the one agreed between the Purchaser and the Bidder after negotiations.
- d. The price would be inclusive of all taxes, duties, charges and levies as applicable
- e. The prices, once offered, must remain fixed, and must not be subject to escalation for any reason whatsoever within the period of the validity of the proposal and the contract. A proposal submitted with an adjustable price quotation or conditional proposal may be rejected as non-responsive.
- f. Bidder should provide all prices, quantities as per the prescribed format given in Format for Bid Response – Commercial Bid. Bidder should not leave any field blank. In case the field is not applicable, Bidder must indicate “0” (zero) in all such fields.
- g. It is mandatory to provide the break-up of all components in the format specified for detailed Bill of Material. The commercial bid should include the unit price and proposed number of units for each component provided in the Bill of Material in the commercial bid. In case of a discrepancy between the Bill of Material and the commercial bid, the technical Bill of Material remains valid. In no circumstances shall the commercial bid be allowed to be changed / modified.

- h. It is mandatory to provide break-up of all taxes, duties and levies wherever applicable and /or payable.
- i. The bid amount shall be inclusive of packing, forwarding, transportation, insurance till Go Live, delivery charges and any other charges as applicable.

29. Language of Proposal

The proposal and all correspondence and documents shall be in English. All proposals and accompanying documents received within the stipulated time will become the property of the Purchaser and will not be returned. The hardcopy version will be considered as the official proposal.

30. Successful Vendor's Employees

The Vendor shall provide and employ on the Site in connection with the execution and maintenance of the statement of work:

- a. Project Management Office (PMO) with necessary project management skill sets and experience
- b. only such technical representatives as are skilled and experienced in their respective fields and are competent to give proper supervision to the work they are required to supervise, and
- c. Such skilled, semi-skilled and unskilled labour as is necessary for the proper and timely execution and maintenance of the statement of work.

It shall be the liability of The Vendor to remove forthwith from the works any personnel engaged by The Vendor, in or about the execution or maintenance of the works, who, misconducts himself for is incompetent or negligent in the proper performance of his duties or whose engagement is otherwise considered to be undesirable and such person shall not be again engaged upon the work. Any person so removed from the works shall be replaced as soon as possible by a competent substitute.

31. Warranty:

The solution will be under warranty for two years from the date of go-live sign-off. For the period of one year post Go-Live, VENDOR will provide onsite support as per project requirement. During this period, VENDOR will provide fixes to all the bugs and resolution to all the reported application issues in timely manner as agreed by Animal & Fish Resources Department. After warranty period Animal & Fish Resources Department will go for Annual Maintenance Contract (AMC).

6. PROJECT OVERVIEW

The State of Bihar has been progressing faster with advancement in technology. The economy of Bihar primarily focused on agriculture, animal husbandry and fisheries. Fisheries and aquaculture sector play a vital role in food security and employment generation. Significant proportion of population depends on fisheries, aquaculture and allied activities for their livelihood. In addition, this sector also generates precious revenue in the economy of State.

The State is endowed with rich aquatic and fisheries resources in the form of rivers, flood plains, wetlands (chaurs), ox-bow lakes (mauns), reservoirs, tanks and ponds. The main culture fishery resources of Bihar lie in over 93,293 ha ponds and tanks of variable sizes distributed throughout the length and breadth of the State. Flood plains and other wetlands locally known as chaurs are other major fisheries resources and measure about 9.41 lakh ha which are found mainly in the basins of Ganga-Kosi-Gandak river systems of Bihar. Ox-bow lakes, locally known as mauns, are the discarded loops of meandering rivers which got cut off from the main rivers and is estimated to be about 9,000 ha. The 35 reservoirs in the State covering total water spread area of about 26,303 ha is an important resource for fisheries development. Besides, 3200 km of rivers are the main resource for capture based fisheries in the State.

The department has plans to make necessary steps towards timely, complete and reliable statistics on potential resources. To know the current status of utilization, resource wise and species wise production and productivity levels. Extent of catch and fishing effort, different socio-economic parameters and market information will be essential for formulation of relevant action plans. At present, there is no established and full proof system for systematic and regular collection of data on fisheries in the State.

The department envisages institutionalizing a mechanism for systematic collection, verification and updating of timely, complete and reliable statistics on various physical, biological, economic and social parameters of fisheries as per the nationally agreed format. Currently, aquaculture in ponds and tanks remains the main support for livelihood of the poor fish farmers in rural areas. However, the estimated productivity of ponds is only about 2900 kg / ha which is much below their potential of 3000-5000 kg/ha/year. Involvement of various stakeholders particularly the producer groups will be strongly encouraged in both collection and verification of various statistics. Measures are to be

initiated for proper categorization, analysis, and wider dissemination of data thus generated and maintaining a computerized database for easy retrieval. **Remote sensing and Geographical Information System would be deployed for survey of various resources especially the open water bodies to be followed by ground truthing.**

Geographical understanding of fisheries distribution is important for resource conservation planning and regional management decisions. This can be studied and undertaken using advanced digital integrative platform and mapping technology like Geographic Information System (GIS). The study will demonstrate the suitability of GIS as the platform for effectively meeting the objectives of this project. Geographic Information System (GIS) is a suitable technological platform for understanding and pointing to the current areas of spatial distribution of target species and also identifying other possible areas where they may be cultivated.

6.1 Key Objectives

Department of Animal and Fish Resources have ambitious plans to develop and manage the resources for sustainable livelihood. Broad objectives are:

- To conserve and manage the fisheries resources
- To restore the existing water bodies
- To create new water bodies by imparting appropriate technologies
- To promote, develop and manage fisheries and aquaculture resources
- To become a fish and fish seed surplus State
- To provide adequate, sustainable and equitable livelihood to fishers and fish farmers
- To generate entrepreneurial and employment opportunities through available water resources
- To create wider social awareness about importance of water conservation and aquaculture practices.
- To know/aquaint with the present status of water bodies from fisheries/pisciculture point of view.

6.2 SCOPE OF WORK

Department of Animal and Fish Resources are presently seeking agencies/firms for designing and developing a custom database and application. The objective of this RFP is to identify the agency which can provide highest quality database development in a timely manner. In first the phase, work order to L1 will be given only for Madhubani district as pilot project. The technical committee will evaluate

the findings of the pilot project and as per the directions of the technical committee; the service provider will have to execute them for the entire project of the state accordingly.

The scope of work would include following services:

- Creation of spatial data (Base Map) including Geo-referencing of maps & Preparation of Land Use & land cover maps with Khata, Khesra & area along with water area.
- connectivity: irrigational canal /river
- Water body survey for fisheries
- Fisheries application development & data modelling
- Man power for support & maintenance
- Mapping software
- Hardware requirement
- Training

The application modules to be developed as:

- The web Portal for fishery management.
- Identification of all (a) type of water bodies Pond/ oxbow lake/ chaur/ reservoir/ irrigational canal & other type water bodies
 - (b) Connectivity: irrigational canal/river
 - (c) Source of water
 - (d) Khata, khesra, area, perimeter, mouza panchayat, district
 - (e) Seasonal/ perenniel
 - (f) Govt : Name of the department / Private : Name of the title holder
 - (g) If developed under any Govt. scheme :
 - (i) Name of the scheme
 - (ii) Year of development
 - (h) Fish seed stocked
 - (i) Feed used or not
 - (j) Annual fish production
 - (k) Productivity
 - (l) Gear employed for fish harvesting
 - (m) Fish disease (if any)
 - (n) Mobile no of private title hold.
- Allocation of space to Fisheries
- Avoidance of conflicts with other uses
- Spatial accounting of permits & leases

- Pond wise fish productivity rate
- Avoidance of water quality
- Disease problems
- Privilege based user management
- Daily, weekly or monthly reporting of the DPR

Layers need to be created & managed for Fish resource mapping are:

6.2.1 Base Map layers

Creation of spatial data (Base Map) including Geo-referencing of maps & Preparation of Land Use & land cover maps

- i. Prepare an updated base map based on publically available high resolution imageries
- ii. Mark all Water bodies above, River, tributaries, distributaries, canal, large ponds/lakes/reservoirs/ox-bow lakes
- iii. Prepare an updated/current Road & Railway network including NH, SH and Metalled road. Include railway stations as map layer
- iv. Prepare an updated/current administrative boundary map i.e. state, district, block boundary with Census 2011 data
- v. Preparation of Land use and Land Cover maps
- vi. Preparation of Settlement-Cluster i.e. Village/Town settlement points with Census 2011 data (Census village data)

6.2.2 Water body survey for fisheries

- Attach MIS data as available with user link to spatial data (Water Body), Settlement, Road & Railway Network, Market as applicable

6.2.3 Enterprise GIS solution for Fisheries Management System Platform

- Arc GIS software
- ENVI Software.

6.2.4 GIS based Fishery management application:

GIS based fishery management application includes some factors that can be used for:

- Developing the web Portal for fishery management.
- Identification of Ponds & other types of water bodies.
- Allocation of space to Fisheries
- Avoidance of conflicts with other uses
- Spatial accounting of permits & leases
- Pond wise fish productivity rate
- Avoidance of water quality
- Disease problems
- Privilege based user management
- Daily, weekly or monthly reporting of the DPR

6.2.5 Man Power required :

A) Data entry operator : No 4

A	Educational Qualification	Graduate from any recognized university and having at least 1 year Diploma/Certificate course in computer application from Govt. Registered university
B	Technical Knowledge	Working knowledge of computers with operating knowledge of MS Word, MS Excel, MS Power Point, MS Access and internet and having a minimum typing speed of 30 words per minute
C	Working Experience	Minimum 3 years of Experience in Government sector or 5 years' experience in data recording and data analysis in private sector and preferably having experience in handling of official
D	Age	40 years or less as on the 1st date of year of publication of the advertisement with relaxation for SC/ST/OBC candidates as Govt. norms

B) GIS Expert Required: No10

A	Educational Qualification	Essential: Master's degree in Geography/Geology/ Applied Geology/RS & GIS/Environmental Science/ Soil Science/Agriculture/BE (Civil) or Equivalent. Desirable: PG Diploma/Certificate in Geo-informatics or equivalent, Net/GATE qualified
B	Technical Knowledge	Experience in dealing with high resolution digital image processing, thematic mapping for rural and Urban areas and development of GIS application. Knowledge on preferably ArcGIS, ENVI or any other GIS/Remote Sensing software
C	Working Experience	Must have worked for a minimum period of two years in any project related to GIS & Remote Sensing
D	Age	35 years or less as on the 1st date of year of publication of the advertisement with relaxation for SC/ST/OBC candidates as Govt. norms

6.2.6 Software Required application:

Enterprise GIS solution for Fisheries Management System

6.2.7 Hardware Configuration:

6.2.7.1 Arc GIS Desktop Hardware Specifications: Qty: 1

Specification	
Intel ® Xeon E5-2643 v3 Six Core 3.4 GHz Processor, 15 MB Cache	
32 GB (4 x 8 GB RDIMMs) of Memory	
27-inch Color Monitor	
4 GB NVIDIA Quadro® K4200 Graphics	
512 GB 2.5" Serial-ATA Solid State Drive with an additional 1 TB HDD	
Integrated Intel AHCI Chipset SATA Controller	
8X DVD+/-RW	
Intel I217 Gigabit Ethernet	
Intel vPro Technology's Advanced Management Features	
Dell KB-522 Wired Business Multimedia USB Keyboard	
USB 6-Button Laser Mouse	
19-in-1 Media Card Reader	
Windows 10.0 Pro 64-bit	

6.2.7.2 Microsoft SQL Database Server: Qty: 1

Specification	
Dell Power Edge R720 Rack-Dense Server with One (1) Quad-Core Intel Xeon E5-2637 v2 3.50 GHz Processor, 15 MB Cache	
34 GB RAM (2 x 8 GB Dual Ranked RDIMMs)	
6 x 1.2 TB 10000 rpm Serial Attached SCSI (SAS) 6 Gbps 2.5-inch Hot-Plug Disk Drives with RAID 6	
PERC H710P Integrated RAID Controller, 1 GB NV Cache	
DVD+/-RW ROM Drive	
Broadcom 5720 QP 1 GB Network Daughter Card	
iDRAC7 Enterprise with Vflash	
2 x 750 W Power Supplies	
Windows Server 2012 Standard Edition	
Microsoft SQL Server 2012 Standard for Four Cores	
Three-Year Four-Hour On-Site Response, 24 Hours a Day, Seven Days a Week	
On-Site Installation of Operating System and Hardware	

6.2.7.3 Plotter Specifications (1 Nos):

Specifications	Properties
Application Line drawings, Renderings, Presentations, Maps, Orthophotos	
Print Technology	Inkjet
Line drawings	A-1 Size - 26 Sec or better
Print Resolution	Up to 2400x1200
Ink Cartridge (colors)	6 color or better
Ink Type	Dye or Pigment
Line Accuracy	0.1% (+/-)
Media Handling	sheet feed, roll feeds, output stacker
Nos. of Roll	2 Rolls or better
Media Type	Plain, Bond & coated, technical paper, film, photo Satin, Photo Gloss/Matt
Media Size	11" to 36"
Media Thickness	Up to 19.7 mil
Print languages	Adobe® PostScript® 3™, Adobe PDF 1.7, HP-GL/2, TIFF, JPEG, CALS G4, HP PCL 3 GUI
Memory & HDD	128 GB , 500 GB hard disk or higher
Printing paths	Direct printing from USB flash drive, email printing, driver for Windows, MAC OS X
Scan/Copy Speed	Color: up to 6.35 cm/sec (2.5 in/sec)
Grayscale:	up to 19.05 cm/sec (7.5 in/sec)
Resolution	1200 DPI (Optical) or higher
Reduction/ enlargement	25 to 400%
Maximum copies	Up to 99 copies
Copier settings	Copy quality, copy colour, roll, content type, original paper type, background removal, contrast, de-skew, blueprints support
Maximum scan width	Up to 36"
Maximum scan thickness	Up to 0.8 mm (0.03 in)
Media Handling	Straight-through scan paper path for sheet and cardboard originals

6.2.8 Application to be worked on following Web browsers

- Google Chrome (version 10 or later)
- Mozilla Firefox (version 10 or later)
- Microsoft Internet Explorer (version 9, 10, or 11)
- Microsoft Edge
- Internet Explorer

6.2.9 Supported databases

Databases supported with Arc GIS for Server:

- ALTIBASE database requirements
- Dameng database requirements
- IBM DB2 database requirements
- IBM Informix database requirements
- IBM Netezza Data Warehouse Appliance requirements
- Microsoft Azure SQL Database requirements
- Microsoft SQL Server database requirements
- Oracle database requirements
- PostgreSQL database requirements
- SAP HANA database requirements
- SQLite database requirements

6.2.10 ArcGIS &ENVI hardware Requirement:

Platform	Hardware	Operating	Supported
Windows	Intel/AMD 64-bit	Windows	7, 8,10

6.2.11 Training:

- Training should be given at Patna to various roles under the department.
- Training should cover the tools and functionalities applied in the application
- Training of application modules including Administrator and end user should be provided.
- All training should be provided at Patna.

7. PRE-QUALIFICATION CRITERIA

To fulfill the qualifying criteria of bid submission, the Vendor shall comply following parameters

- The bidder should be a Company registered under the Companies Act, 1956 since the last three years.
- The bidder should be a profit (Profit after tax-PAT) making company in the preceding two financial years out of three financial years.
- The bidder should not be currently black listed by any bank / institution in India or abroad

A. Bidder should be compliance with following all conditions:

Sl. no.	Pre-Qualification Criteria	Document Required
1	Tenderer/Bidder should be a company registered in India under the Company Act.	Certificate of Incorporation
2	The bidder should have minimum experience of 5 years in an IT sector and prior experience of executing (GIS) Software project for any Government Organization	Customer Work Order as a proof of experience.
3	The Bidders (Both Bidder in case of Consortium) must submit self-attested copies of PF, ESI, CST/VAT and Service Tax department. It should carry a valid PAN/ TAN Number, PF, ESI, Sales Tax /TIN No. & Service Tax Number.	Bidder Should submit copy of all certificates.
4	The Bidder (Lead Bidder in case of a Consortium), should have minimum turn-over above 25 Crore in each of the last 3 financial years including 2015-16 (Please attach copies of Audited Balance sheets and Profit & Loss Account with complete schedules for the last three years- FY 2013-14, 2014-15 and 2015-16).	Bidder Should submit copy of audited Balance Sheet and Profit and Loss Statements of the company for FY 2013-14, 2014-15 and 2015-16 along with CA certified Turnover Certificate. Bidder may submit provisional Balance sheet and P&L Statement duly certified by CA in case they do not have audited balance sheets of FY 2015-16.
5	The Bidder (Lead Bidder in case of a Consortium), should have a positive net worth.	Certificate should be signed by Statuary auditor of the company
6	The Bidder (Lead Bidder in case of a Consortium) must have been assessed and must possess a valid certification for CMMi Level 3 or better as on the date of submission of bid and the certificate should be valid.	Bidder Should submit valid copy of certificate.
7	The bidder (both members of the	Bidder Should submit valid

	consortium) must have been assessed and must possess a valid ISO 9001:2008 or above certificate for IT Management Services for Information & Communications Technology Solutions, as on the date of submission of bid and the certificate should be valid.	copy of certificate.
8	The bidder (Lead Bidder in case of consortium) must have prior experience of working on at least two (2) GIS based Application Software Projects (consisting of Application Software, System Software, Software maintenance, training and IT Managed Services as a part of project) for any Indian e-governance Project anywhere in India. Each project must be worth at least Rs. 100 Lakhs. Bidder must provide as a supporting documentary proof in form of work order and/or Completion Certificate. Project Executed/under Execution in Indian Government , Government PSUs, State Government will be Considered	Bidder Should submit valid copy of work order/ agreement copy signed by customer along with Customer certificate. In case the project is on-going, Self-certificate duly certified by CA need to be submitted.
9	The Bidder (or Prime Bidder in case of a Consortium) should have minimum 30 employees on their payroll.	Bidder Should submit declaration from the HR Department of company.
10	The bidder should not have been blacklisted by any State / Central Government in India during last five years for corrupt, fraudulent or any other unethical business practices or for any other reason.	Bidder Should be submit the affidavit along with technical document
11	The Bidder should be OEM partner and produce authorization letter	Authorization Letter by OEM on OEM letter head
12	The bidder (Lead Bidder in case of a Consortium) must have an office in Patna, Bihar or must agree to open one within one month of receipt of work order.	Bidder should furnish an undertaking that the same would be established within one month of signing the contract or submit relevant documents.

7.1 Bid Submission, Bid Opening and Evaluation Process

- A. Purchaser reserves the rights at all times to postpone or cancel a scheduled bid opening.
- B. The bids will be opened in two parts, one for pre-qualification & Technical and one for Commercial bid of those bidders whose technical bid qualifies, in the presence of bidders representatives who choose to attend the bid opening sessions on the specified date, time and address.

- C. The bidder's representatives who are present shall sign a register evidencing their attendance. In the event of the specified date of bid opening being declared a holiday, the Bids shall be opened at the same time and location on the next working day. However if there is no representative of the bidder, Purchaser shall go ahead and open the bids.
- D. During bid opening preliminary scrutiny of the bid documents will be made to determine whether they are complete, whether required bid security has been furnished, whether the documents have been properly signed, and whether the bids are generally in order. Bids not conforming to such preliminary requirements will be prima facie rejected.
- E. All the invited parties shall submit Hard & Soft copy of Technical & Commercial Bids in Separately sealed Envelopes as per bid submission specification detailed in Scope of Work of this RFP, on or before bid submission date
- F. The submitted Technical bids will be assessed by the Technical Evaluation Committee (TEC) against (Statement of Work for rating each technical parameter.
- G. Only vendors meeting the minimum criteria for solution specifications as mentioned in section of Statement of Work will be considered for commercial evaluation.
- H. Post technical evaluation, commercial bids will be opened and assessed by IT Purchase Committee. Animal & Fish Resources Department will evaluate the bids by adopting Quality and Cost Based Selection processes (Techno- Commercial)
- I. A POC (Proof of Concept) may be facilitated by the shortlisted bidder(s) to test the techno-commercial viability of the solution
- J. The successful vendor is understood to agree to the following in the event of being selected:
- Final Scope & Commercials
 - Directly sign Service Level Agreement with Animal & Fish Resources Department
 - The party has to provide 10% Bank Guarantee (PBG) of the purchase order value & valid through purchase order/contract period as performance security to Animal & Fish Resources Department

- K. Once all above are agreed mutually, the successful vendor will then be awarded the contract. The decision of Animal & Fish Resources Department regarding selection of vendor shall be final and binding on the vendors and the same is not subject to question by any vendor.
- L. Vendor shall ensure that bid is complete in all respects and as per Terms & Conditions mentioned in this RFP document. The Technical and Commercial sealed bids are to be submitted separately in a sealed envelope at the following address
- Directorate of Fisheries, Officer's Hostel, Block-A, Baily Road,
Patna Bihar 800001*
- Tel: +91 612-2535900*
- Fax: +91 612-2535899*
- M. Please ensure that all the pages of the offer are signed by the authorized representative of the vendor company and stamped with company seal and in case the vendor is any other business entity then by the Authorized Signatory of the same.
- N. All requested information in this document must be supplied with the bid. However, in case of any deviation, the same can be submitted highlighting at the relevant place. Animal & Fish Resources Department, at its sole discretion, may reject any exceptions, deviations or specifications within the bid.
- O. In the event that the bid or any part thereof is mutilated or missing, the vendor shall notify Animal & Fish Resources Department immediately at the above mentioned address. In the event such written notice is not received at the aforementioned office within two (2) days from the date of issue of the RFP to the vendor, the RFP received by the vendor shall be deemed to be complete in all respects.
- P. Offer not submitted by the deadline mentioned in this RFP may not be considered. Therefore, the offer of the vendor for the proposed solution complete in all respects is submitted in time.
- Q. No extension of time shall be granted under any circumstances to any vendor for submission of its bid on any grounds.
- R. Animal & Fish Resources Department makes no representation or warranty, express or implied, as to the accuracy, correctness and completeness of the information contained in the bid documents.
- S. Please note that the vendor should not reveal or disclose this information / document to anyone else whomsoever under any circumstances. In the event of disclosure of any said information / part information Animal & Fish Resources

Department shall have the absolute right, discretion and power to cancel the offer of the vendor at any stage. The Right of this document is reserved with The Department only.

7.2 Bid Submission Checklist

Following must be checked before the Bid submission

1. Envelop-A
 - Earnest Money Deposit (EMD) - Demand Draft / Banker's Cheque of INR 100000/- (Rupee One Lakh Only) towards Bid Security.
 - Eligibility Criteria Response.
 - Copy of this RFP document
2. Envelope-B – Technical Bid
3. **Envelope-C – Commercial Bid (to be quoted in Indian Rupees – INR)**
4. All relevant certifications shall be enclosed in relevant envelopes
5. Each page of all documents submitted shall be duly signed & sealed by the authorized signatory

7.3 EVALUATION CRITERIA

Tenderer will evaluate all proposals received in response to this RFP by scoring on cost and technical factors. Tenderer will award the subcontract to the Vendor that has the highest total proposal evaluation score based on a combination of the following categories:

SN	Area	Information to be provided
1	Financial capability	<p>Bidder must have a minimum average turnover of Rs. 25 Crores during in the last three financial years (FY 2013-14, FY 2014-15 and FY 2015-16) and should be a profit making company.</p> <p>Bidder must submit CA audited Balance sheets and Profit and Loss Statements along with Turnover Certificate duly sealed and signed by CA. of last three years as documentary proof.</p> <p>Bidder may submit CA certified provisional balance sheet for FY 2015-16 if audited balance sheets are not available.</p>
2	Turnkey Project Experience	<p>Satisfaction Certificate and Work Order of at least two implemented/is implementing turnkey project for any corporation worth Rs. 100 Lac each, in any Government Organization in India</p>

3	Quality Certification	<ul style="list-style-type: none"> CMMi Level 3/CMMi Level 5 and ISO 9001:2008
4	GIS Projects	Bidder should have experience of successful executing/ implementing GIS based Application project for more than 3 years
5	IT Managed Services/ FMS	Bidder must have experience of providing at least 4 successful IT Managed services/FMS in Government Departments

7.4 Evaluation of Commercial Bid

Only the bidders, who will qualify technical bid will be called for the evaluation of their commercial bids.

- a) The Commercial Bids of only the technically qualified bidders will be opened for evaluation. The bidder with lowest Total Commercial Quote (L1) will be selected as successful bidder.

ROLES AND RESPONSIBILITIES

#	Responsibly of Work	Department of Animal and Fish Resources	Service Provider
1	Infra Setup (PC+ Printer + UPS+ Furniture+ Scanner)		Y
2	Space Allocation , Electric Power/solar / Gen set at Offices and HQ Minimum 5 hours per day		Y
3	Hi speed Internet Connectivity (Min 1 MBPS) to HO and SDC (Min 2 MBPS) on MPLS /VSAT/BSWAN/OFC/Wi-Max for online access.		Y
4	GIS based Application Development		Y
5	Backup and Recovery of Database		Y
6	Installation of Application Software at Department of Industries and State Data Centre		Y
7	Deployment of Manpower at Department of Animal and Fish Resources		Y
8	Maintenance of Application Software from the date of Go-Live		Y
9	Monitoring of work flow	Y	Y
10	Reporting on completion	Y	Y
11	Exit Management	Y	Y
12	Sign off Certificate on completion of Contract	Y	
13	Providing Project Management and support staff		Y
14	Establishment of IT cell at Fisheries Directorate, Patna Bihar		Y

8. IMPLEMENTATION SCHEDULE AND PAYMENT TERMS:

Note: - T means date of Issue of Signing of contract.

S No.	Activity	Time Schedule
1.	Project Plan & Schedule including deputation of Project Manager	Within 2 weeks from the date of work order.
2.	Requirement Freezing and Submission of final SRS and Process Reengineering Document	Within 8 weeks from the date of work order.
3.	Design Document for Application Software	Within 10 weeks from the date of acceptance of Final SRS.
4.	Prototype demonstration and approval	Within 12 weeks from the acceptance of the Design Document
5.	Development & Deployment of the beta version of Application Software	Within 24 weeks from the date of acceptance of Prototype
6.	Setup of Application Software at State Data Centre	Within 28 days from the date of acceptance of Prototype
7.	Comprehensive Training	As scheduled as per scope mentioned in RFP
8.	Operation Support and maintenance	For 3 years from the date of Go Live.

9. APPLICABILITY OF MSA

Apart from the provisions as set out in this schedule, the terms and conditions stated in the MSA shall apply mutatis mutandis to this SLA. In the event of a conflict in interpretation of any Article in the MSA and the SLA, the provisions of the MSA shall prevail. The Table below summarizes the Indicative Performance Indicators for the services to be offered by the Service Provider. The detailed description of the performance indicators, SLA Terms and their definitions are discussed in the following sections.

Sl. No.	Indicative SLA Parameter	SLA Target
1	Availability of Computer Faculty Working Hours	95%
2	Online /Offline Software Availability	95%
3	Availability of Bio Matrix Solutions Device (Except notified and Approved downtime i.e. Maintenance of DC).	95%
4	Availability of Help Desk during Prime Business Hours.	98%

10. COMMERCIAL BID COVERING LETTER

RFP Reference No. and Date:

Bidders Name and Address:

Person to be contacted:

Name:

Designation:

Phone/Mobile No:

E-mail:

Telephone No(s):

Fax No.:

Subject: "GIS based Application Development for Fisheries Potential Resources."

Sir,

We, the undersigned Bidders, having read and examined in detail the Specifications and all the bidding documents in respect of Services for the above mentioned subject do hereby propose to provide Services as specified in the Bidding documents for which the cost will be as under:

- 1. PRICE AND VALIDITY –Cost of all works/ services mentioned in "Scope of Work" and as per Bill of Material including the maintenance of 3 years–Rs. _____ (as per Detail Commercial Bid)**

All the prices mentioned in our proposal are in accordance with the terms as specified in bidding documents. All the prices and other terms and conditions of this proposal are valid for a period of 120 calendar days from the date of opening of the Bids.

We are an Indian firm and do hereby confirm that our Bid prices include all taxes, duties and levies.

We hereby declare that all taxes which are liveable under law prevailing at that time will be paid by us.

Note: The bidders should quote the price in words also. In case of any discrepancy between the prices quoted in words and figures, the price quoted in words shall prevail and will be considered for comparison of bids.

This should be kept in envelope number 2 marked as "FINANCIAL BID", which will be opened only after the Technical Bid is found suitable.

2. EMD

We have enclosed a Demand draft (DD no. -----, Bank -----, Dated-- -----) in favour of Director Fisheries, Bihar, Patna payable at Patna at for the sum of Rs. 1,00,000/- (Rs. One Lakh) only. This EMD is liable to be forfeited in accordance with the provisions of Bid documents. We declare that all the Services/Works shall be performed strictly in accordance with the Scope of Work and as per Bill of Materials.

3. Bid Pricing

We further declare that the prices stated in our proposal are in accordance with your Instructions to Bidders as stated in bidding document.

4. Bid Price

We declare that our bid prices are for the entire scope of the work as specified in the technical specification and bid documents. These prices are indicated in attached with our proposal as part of the Financial Bid. We hereby declare that our proposal is made in good faith, without collusion or fraud and the information contained in the proposal is true and correct to the best of our knowledge and belief.

Thanking you,

Yours faithfully,

(Signature)

Printed Name and Designation

Seal

Date

Place

Business Address:

11. DETAIL COMMERCIAL BID

11.1 Hardware and System Software

Sl. No	Scope Of Work Description	Unit Rate	Qty.	Rate (in Rs.)	Amount (in Rs.)
1.	<p>Creation of spatial data (Base Map) including Geo-referencing of maps & Preparation of Land Use & land cover maps</p> <p>Base Map layers (list of layers)</p> <p>vii. Prepare an updated base map based on publically available high resolution imageries</p> <p>viii. Mark important Water bodies, River, tributaries, distributaries, canal, large ponds/lakes/reservoirs</p> <p>ix. Prepare an updated/current Road & Railway network including NH, SH and Metalled road. Include railway stations as map layer</p> <p>x. Prepare an updated/current administrative boundary map i.e. state, district, block boundary with Census 2011 data</p> <p>xi. Preparation of Land use and Land Cover maps</p> <p>xii. Preparation of Settlement-Cluster i.e. Village/Town settlement points with Census 2011 data (Census village data)</p> <p>xiii. Preparation of Major forest areas</p> <p>xiv. Other available maps with Fishery department will be given to vendor</p> <p>Satellite Image will be procured by user & delivered to vendor for image processing</p>			0.00	
2	Satellite Image processing (per image cost)		1	0.00	
3	Integration with Non Spatial Datasets(Data will be provided by User)			0.00	
4	Fish Market & Water body survey for fisheries (per point price) above 100 square meter		1		
5	Enterprise GIS solution for Fisheries Management System Modules are:			0.00	

Department of Animal and Fish Resources

	<ul style="list-style-type: none"> i. Develop the web Portal for fishery management. ii. Identification of Ponds & other water bodies. iii. Allocation of space to Fisheries iv. Avoidance of conflicts with other uses v. Spatial accounting of permits & leases vi. Pond wise fish productivity rate vii. Market analysis viii. Avoidance of water quality ix. Disease problems x. Privilege based user management xi. Daily, weekly or monthly reporting of the DPR 				
6a	Man Power - Data entry operator (per man month rate for 2 years)		4	0.00	
6b	GIS Expert Required (per man month rate for 2 years)		10	0.00	
7	Mapping Software				
7a	ArcGIS Desktop Advanced 10.5 or Latest version		1	0.00	
7b	ArcGIS Enterprise Advanced 4 core 10.5 or Latest version		1	0.00	
7c	ArcGIS 3D Analyst Extension		1	0.00	
7d	ArcGIS Geostatistical Analyst Extension		1	0.00	
7e	ArcGIS Spatial Analyst Extension		1	0.00	
7f	ArcGIS Network Analyst Extension		1		
7g	ENVI 5.3 version Single Node (Windows)		1	0.00	
7h	ENVI 5.3 version Feature Extraction Module (Single Node)		1	0.00	
8	MS SQL ServeFr Standard Edition License		2	0.00	

9.	Desktop Hardware Specifications		1		
	Intel ® Xeon E5-2643 v3 Six Core 3.4 GHz Processor, 15 MB Cache				
	32 GB (4 x 8 GB RDIMMs) of Memory				
	27-inch Color Monitor				
	4 GB NVIDIA Quadro® K4200 Graphics				
	512 GB 2.5" Serial-ATA Solid State Drive with an additional 1 TB HDD				
	Integrated Intel AHCI Chipset SATA Controller				
	8X DVD+/-RW				
	Intel I217 Gigabit Ethernet				
	Intel vPro Technology's Advanced Management Features				
	Dell KB-522 Wired Business Multimedia USB Keyboard				
	USB 6-Button Laser Mouse				
	19-in-1 Media Card Reader				
	Windows 10.0 Pro 64-bit				
10.	Microsoft SQL Database Server:		1		
	Dell Power Edge R720 Rack-Dense Server with One (1) Quad-Core Intel Xeon E5-2637 v2 3.50 GHz Processor, 15 MB Cache				
	34 GB RAM (2 x 8 GB Dual Ranked RDIMMs)				
	6 x 1.2 TB 10000 rpm Serial Attached SCSI (SAS) 6 Gbps 2.5-inch Hot-Plug Disk Drives with RAID 6				
	PERC H710P Integrated RAID Controller, 1 GB NV Cache				
	DVD+/-RW ROM Drive				
	Broadcom 5720 QP 1 GB Network Daughter Card				
	iDRAC7 Enterprise with Vflash				
	2 x 750 W Power Supplies				
	Windows Server 2012 Standard Edition				
	Microsoft SQL Server 2012 Standard for Four Cores				
	Three-Year Four-Hour On-Site Response, 24 Hours a Day, Seven Days a Week				
	On-Site Installation of Operating System and Hardware				

Department of Animal and Fish Resources

10.	Plotter for detail Specifications refer to para 7.2.9.3		1		
11.	MS Windows Server Standard R2 2012		2	0.00	
12	Quick Heal Antivirus		2	0.00	
13	SSL Certification		1	0.00	
14	SAN for Storage Hot Standby backup		1	0.00	
15	AMC (after warranty period) Year 1 inclusive of GIS s/w upgrade			0.00	
16	AMC Year 2 inclusive of GIS s/w upgrade			0.00	
Grand Total				0.00	

12. ANNEXURE 1

PROFORMA' FOR CONFIRMATION ON APPLICABILITY OF "MICRO, SMALL AND MEDIUM ENTERPRISES DEVELOPMENT ACT, 2006 (MSMED ACT 2006)"

1. You may aware that "Micro", Small and Medium Enterprises Development Act 2006" ('MSMED') has been come into force w.e.f. 2nd October 2006, which has repealed the provisions of the old Act regarding Small Scale Industrial undertakings.
2. As per the MSMED Act, Enterprises engaged in the manufacture / production of goods or rendering / providing of services are to be classified into Micro, Small and Medium enterprises based on the investment in plant and machinery / equipment.
3. Such Enterprises are required to file a memorandum in the prescribed form to the appropriate authority as mentioned in the MSMED Act.
4. The term Enterprises stated in the above paragraph includes Proprietorship, Hindu undivided family, Association of persons, Cooperative Society, Partnership firms, undertaking or any other legal entity.
5. For your ready reference, the definition of Micro, Small and Medium enterprises are given below :-

Classification of enterprises engaged in:

- a. Manufacture or production of goods pertaining to any industry specified in the First Schedule to the industries (Development and Regulation) Act 1951 as:

Nature of Enterprise (#)	Investment in Plant & Machinery
Micro	Does not exceed Rs.25 lacs
Small	More than Rs.25 lacs but does not Exceed Rs.5 Crores
Medium	More than Rs.5 Crores but does Not exceed Rs.10 Crores.

- b. Providing or rendering services.

Nature of Enterprise	Investment in Equipment
Micro	Does not exceed Rs.10 lacs
Small	More than Rs.10 lacs but does not Exceed Rs.2 Crores
Medium	More than Rs.2 Crores but does Not exceed Rs.5 Crores.

(#) *In calculating the investment in plant & machinery, the cost of pollution control, research and development, industrial safety devices and such other items as may be specified will be excluded.*

6. You are therefore requested to fill the "Format" (proforma attached) and submit the same along with proof of valid document / certificate, (indicating registration no.) in your offer. In case same is not submitted along with your offer, it will be presumed that your organization is not a micro, small or medium enterprises as per the provisions of MSMED Act 2006 and consequently you will not be eligible to the benefits admissible under the MSMED Act 2006.

CONFIRMATION ON APPLICABILITY OF “MICRO, SMALL AND MEDIUM ENTERPRISES DEVELOPMENT ACT, 2006 (MSMED ACT 2006)

1. We confirm that provisions of “Micro, Small and Medium Enterprises Development Act 2006 (‘MSMED’) are applicable to us and our organization falls under the definition of :
 - a. Micro Enterprise - ()
 - b. Small Enterprise - ()
 - c. Medium Enterprise - ()

(Please put a tick in the appropriate box)

2. Copy of proof of valid document / certificate (indicating registration no.) of being a Micro / Small / Medium Enterprises are enclosed.

Place:
Date:

Signature of Authorized Signatory
Name:
Designation:
Seal:

Note : In case above Format along with proof of valid document / certificate (indicating registration no.) is not submitted in offer, it will be presumed that your organization is not a micro, small or medium enterprises as per the provisions of MSMED Act 2006 and consequently you will not be eligible to the benefits admissible under the MSMED Act 2006.