

OFFICE OF THE EXECUTIVE ENGINEER, CIVIL DIVISION NO. 1,
I&FC DEPARTMENT, GOVT. OF NCT OF DELHI
BASAIDARAPUR OFFICE COMPLEX,

CORRIGENDUM

Tender ID:- 2019_IFC_179806_1

Subject:- Request for Proposal (RFP) is invited from Consultant/ Joint Venture/ Multi-disciplinary Consortia, Government Organization , Public Sector undertaking, Government Educational Institute and I&FC Empanelled agencies, for Project Management Consultancy (PMC) for the work to rejuvenate Water bodies in holistic manners by using ecologically sensitive sustainable technique like creation of stationary and floating wetlands and in-situ aeration & installation of ozonizer in Water Bodies which can reduce BOD load, improve dissolved oxygen levels, reduce bad odour and harmful gas emission from the Water Bodies. Further to develop the vacant land by landscaping, developing it for recreation activities such as cycling track, jogging track, Illumination of dark spots of water Bodies by installation of street lighting automated with solar energy/wind energy wherever feasible and Installation of solar panels for generation of solar energy, in respect of 18 waterbodies falling under the Jurisdiction of Civil Division I, I&FC Department, for Rejuvenation purpose.

As per discussion in the pre bid meeting held on 20.09.2019, following corrigendum is issued:-

- 1) The selected agencies must have their office/ branch office in Delhi/NCR for smooth delivery/supervision of the work.
- 2) The location of 18 Nos. water bodies with their latitude & longitude are as under:-

S. No	Revenue Village Location of water bodies	Khasra Number.	Area of the water bodies. (in sqm)	Remarks including locations Longitudes and Latitudes in respect of water bodies.
1	Dinpur	1087	26270	28°35'27.391"N 76°59'58.254"E
2	KharkhariNahar	6/11/2	4682	28°35'27.752"N 76°57'47.552"E
3	KharkhariNahar	23/27	1813	28°34'52.086"N 76°57'24.364"E
4	Khera	79	2235	28°35'48.015"N 76°58'14.960"E
5	Paprawat	146	2235	28°35'20.017"N 76°58'32.358"E
6	Paprawat	181	2235	28°35'5.493"N 76°58'31.187"E

7	PindwalanKhurd	31/4	4006	28°33'14.921"N 76°57'52.540"E
8	RewlaKhanpur	81	2656	28°33'54.521"N 76°58'41.417"E
9	RewlaKhanpur	98	8687	28°33'58.174"N 76°58'54.509"E
10	Bijwasan	17, 28, 23/24	14084	28° 32' 13.738"N 77°2'47.898"E
11	Bijwasan	168	17507.47	28° 32' 7.430"N 77°3'26.829"E
12	Kapashera	664/1	6030	28° 31' 37.540"N 77°4'57.766"E
13	Rajokari	446	34000	28° 31' 7.241"N 77°6'25.079"E
14	Rangpuri	105	5440	28° 32' 33.086"N 77°7'9.653"E
15	Rangpuri	660	10627	28° 32' 2.833"N 77° 79' .941"E
16	Daulatpur	22/26	5566	28° 32' 44.556"N 76° 56' 55.661"E
17	Ghummanhera	103	3795	28° 32' 4.399" N 76° 55' 28.649"E
18	Shikarpur	98	8687	28° 32' 9.156" N 76° 56' 44.553"E


 (Executive Engineer)

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The date of submission and opening of bid is postponed as under due to request received from the agencies in pre bid meeting held on dated 20.09.2019 in the Chamber of SE(FC-IV) :-

Date of submission of bid	:-	26.09.2019 at 15.00 PM
Date of opening of bid	:-	26.09.2019 at 15.05 PM


(Executive Engineer)

Request for Proposal (RFP) is invited from Consultant/ Joint Venture/ Multi-disciplinary Consortia, Government Organization , Public Sector undertaking, Government Educational Institute and I&FC Empaneled agencies, for Project Management Consultancy (PMC) for the work to rejuvenate Water bodies in holistic manners by using ecologically sensitive sustainable technique like creation of stationary and floating wetlands and in-situ aeration & installation of ozonizer in Water Bodies which can reduce BOD load, improve dissolved oxygen levels, reduce bad odour and harmful gas emission from the Water Bodies. Further to develop the vacant land by landscaping, developing it for recreation activities such as cycling track, jogging track, Illumination of dark spots of water Bodies by installation of street lighting automated with solar energy/wind energy wherever feasible and Installation of solar panels for generation of solar energy, in respect of 18 waterbodies falling under the Jurisdiction of Civil Division I, I&FC Department, for Rejuvenation purpose.

1.0 BACK GROUND:-

Water bodies are perhaps the living oasis of cities that not only controls the temperature but also is a source of vegetation and helps in recharging ground water table and balancing eco system of surroundings. Water bodies in urban areas also meet the water requirements of ever-growing urban population. Urban water bodies are also part of the local hydrological cycle. . It also serves as an important source of goods and services for unprivileged class of neighboring societies who derive food and other economic. It helps keeping monsoon waters for the drier periods of the year, to channelize the monsoon water flows thereby preventing water logging, inundation and erosion, and ensuring groundwater recharge. They also support a rich ecosystem, with a great variety of animals and plants. The water bodies serve following purposes in an urban environment

- Aesthetical value
- Water conservation and groundwater recharge
- Green space
- Recreational hotspots
- Temperature regulation
- Biodiversity hotspots
- Economic benefits

Delhi although blessed with a number of water bodies, most of them have lacked proper maintenance and hence cannot fulfill their role to the utmost. The time and again these water bodies in the Delhi are faced encroachment due to rapid urbanization many of them extinct and many survived have threatened of extinct as turned into dumping yards for waste, toilet sheds for informal settlers and unmanaged forestry. Lately, cities all over the world are realizing the importance of these water bodies not only for recharging ground water but also as recreational spots. Accordingly, Delhi government viewed its importance and has developed/revived/protected many water bodies threatened of extinction, The Irrigation & Flood Control Department (I&FC) is one of implementing agency.

However due to urbanization either the natural feeding source of these water bodies obstructed, or it is being filled with dirty sewerage water in absence

of sewerage system in area. Now the Delhi Government's initiative of revival of water Bodies by either feeding with clean source of water or by treatment of inlet water by using ecologically sensitive sustainable technique and bioremediation and the creation of wetland and park-way system wherever appropriate. The project, one of the most ambitious to be carried out in the water sector, proposes a paradigm shift in strategy, exploring the feasibility of augmenting self-purification of water bodies.

List of 18 Nos.water bodies:-

S.No	Revenue Village Location of water bodies	Khasra Number.	Area of the water bodies. (in sqm)
1	Dinpur	1087	26270
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15	Rangpuri	660	10627
16	Daulatpur	22/26	5566
17	Ghummanhera	103	3795
18	Shikarpur	98	8687

Department has decided to rejuvenate all above Water Bodies **in holistic manners by using ecologically sensitive sustainable technique like creation of stationary and floating wetlands and in-situ aeration & installation of ozonizer in Water Bodies which can reduce BOD load, improve dissolved oxygen levels, reduce bad odour and harmful gas emission from the Water Bodies. Further to develop the vacant land by landscaping, developing it for recreation activities such as cycling track, jogging track, Illumination of dark spots of Water Bodies by installation of street lighting automated with solar energy/wind energy wherever feasible and Installation of solar panels for generation of solar energy wherever feasible in respect of 18 water bodies** and therefore is calling this Request For Proposal (RFP) from the agencies having expertise in this field, for Project Management Consultancy (PMC).

Broad Scope of Work:-

1. Mapping of all components and appurtenances of Water Bodies land but not limited to indicate inlet Drains, bridge/culverts, ditches, swales, concrete curb, gutter, concrete pan and other existing structures and features by drone/latest technology.

All positional data must be collected using mapping grade with best available GPS equipment.

2. The estimation of pollution discharged from different drains discharging into Water Bodies directly, includes biological/organic, inorganic, chemical/industrial pollution.
3. Identify deficiencies in the existing position of Water Bodies and maintenance mechanism then recommend and prioritize project improvements to correct deficiencies.
4. Mandates for assessing the pollution sources and taking preventive and corrective measures, which includes creation of sewerage infrastructure in order to have a long term sustainable management of sewage pollution
5. Soil Bearing Capacity.
6. Silt Load Assessment & Management Plan.
7. To suggest Ecologically Sensitive sustainable technologies to reduce the pollution load of Water Bodies through in-situ and ex-situ treatment technologies as such feasibility of wetland system, installation of aerator, ozonation wherever required.
8. Designing of wetland system required based on the water quality of the Water Bodies, so as to bring the water quality including BOD within the acceptable limit.
9. Suggest ways to segregate dirty water and storm water incoming into the Water Bodies and ways for treatment of dirty water,so as to bring the water quality including BOD within the acceptable limit.
10. Evaluating quantum of siltation in the Water Bodies, projection of existing capacity of the Water Bodies and thereafter suggesting feasible modern techniques/methods to carry desiltation, cleaning of water bodies from floating materials, hyacinth/floating weeds etc.
11. Evaluate future flow projections and the impact of future development on flow projections. Make recommendations for extending, expanding, or modifying the Water Bodies.
12. Providing Landscaping for the dry area around the Water Bodies including forestation, creation of park, walking track, recreation facilities, etc. depending upon the availability of dry area.
13. Illumination of dark spots of water bodies by installation of street lighting automated with solar energy/wind energy wherever feasible.
14. Installation of solar panels for generation of solar energy wherever feasible.
15. Proper integrated mechanism for removal of silt wherever required including use of Geo bags / Geo tubes whichever is feasible i.e. Geo fabrics for trapping floating waste/slit/sewerage.
16. Exploring modern and sustainable techniques to dispose-off/consume the desilted materials,
17. Assessment of underneath soil Hydrogeology, including sub-soil water level, storage capacity, sub-soil type, present percolation rate, traverse movement rate of ground water, Fresh water - Saline water interface, nature of aquifers available underground and Impact assessment etc.

18. To suggest and explore idea of available water/run-off of Water Bodies to recharge sub-soil water by modern techniques/methods including deepening of water bodies as per sites specific feasibility without contaminating existing ground water.
19. Feasibility to study quantum and depth of water that could be stored in subsoil/aquifer in addition to existing without submergence of nearby residential area or agriculture fields.
20. Survey of existing government vacant land adjacent to the water body as such of Forest, Gram Sabha, water Bodies, irrigation minors including assessment of ownership and likely hindrances of etc. to be used as treatment/recharging point for improving quality/ground water table.
21. Suggestion for land protection of water bodies and plan to curb unauthorized dumping of C&D wastes and malba on the Water Bodies land boundary as also identify encroachment.
22. Submission of Inception report & feasibility report followed by outlining the priority of work in phases to be taken up with approval of the Department.
23. Submission of DPR with detail estimates based on DSR 2016 for scheduled items and on market rates for non-scheduled items along with rate analysis.
24. Supplying working Drawing, Structural Design along with BOQ which shall also include cost of maintenance for five years from the date of commissioning project.
25. Assisting I&FC department in tendering process including preparation of NIT, selection of pre-qualification criteria for contractors, opening of tenders, checking requisite pre-qualification criteria etc.
26. Assist and supervise the execution of work and ensure the work is being carried out as per detailed drawing & design so the objective of scheme may be achieved including checking of quality and quantity of the work executed.
27. Monitoring the pace of work, submission of fortnightly inspection reports and final completion certificate and successful commissioning of the project.
28. During the execution of work the consultant shall bear all costs for collection of samples of construction material, transportation, testing from approved laboratory and submission of test reports for 3rd party quality control.
29. I&FC Deptt. at its discretion may appoint DPCC and/or CPCB/Private agency to check the quality of treated water. In case the quality of treated water is not found as per norms it shall be the responsibility of the consultant to suggest rectification measures in the technique without any extra charge.
30. Supervision during 05 years maintenance period after completion of work for operation and maintenance of the structure/systems.
31. Awareness campaign among different stakeholders as part of the rejuvenation plan.
32. Impact assessment on quarterly intervals with latest techniques for reading of ground water by installation of Piezometers, water quality in environmental aspects etc.

2. INSTRUCTION FOR BIDDERS

A. GENERAL

2.1. General terms of Bidding

2.1.1 Request for Proposal (RFP) is invited from Consultant/ Joint Venture/ Multi-disciplinary Consortia, Government Organization, Public Sector undertaking, Government Educational Institute and I&FC Empaneled agencies, No Bidder shall submit more than one Bid for the Project. A Bidder bidding individually or as a member of a Consortium/JV shall not be entitled to submit another bid either individually or as a member of any Consortium/JV, as the case may be.

2.1.2 (a) The Bid should be furnished in the format at Appendix-I [Technical Bid] and Appendix-II [Financial Bid]. *Note: - Bid not submitted in prescribed format i.e. Appendix I and Appendix-II will liable to be rejected without going through merits.

(b) The Financial bid submitted in the Appendix-II should clearly indicate the Bid amount quoted in both figures and words against each of the Water Bodies separately and signed by the Bidder's authorized signatory. In the event of any difference between figures and words, the amount indicated in words shall be taken into account.

2.1.3 The Bidder shall deposit a Bid Security (EMD) of Rs. 4,00,000/- (Rupees Four Lakh Only) in the shape of Demand Draft drawn in favour of Executive Engineer Civil Division I, I&FC and payable at Delhi to participate in RFP. Government Organization, Semi-Government Organization, PSU, Government Educational Institutes are exempted from deposition of Bid Security amount of Rs. 4,00,000/-

2.1.4 In case the Bidder is a Consortium/JV, the members thereof should furnish a Power of Attorney in favour of the Lead Member.

2.1.5 Bidders should note that the rate by then are inclusive of all taxes i.e. GST, royalty, service tax etc. nothing beyond quoted rate by the department.

2.2 Site visit and verification of information

2.2.1 Bidders are encouraged to submit their respective Bids after visiting the Project site and ascertaining for themselves the site condition, traffic, location, surrounding, climate, availability of power, water and other utilities.

2.2.2 It shall be deemed that by submitting a Bid, the Bidder has:

- (a) Made a complete and careful examination of the Bidding Documents;
- (b) Received all relevant information requested from the Department;
- (c) Accepted the risk of inadequacy, error or mistake in the information Provided in the Bidding Documents or furnished by or on behalf of the Department relating to any of the matters.
- (d) Satisfied itself about all the matters, things and information for submission of bid and performance of all of its obligations there-under;

2.2.3 The Department shall not be liable for any omission, mistake or error in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to RFP, the Bidding Documents or the Bidding Process, including any error or mistake therein or in any information or data given by the Department.

2.3 **Verification and Disqualification**

- 2.3.1 The Department reserves the right to verify all statements, information and documents submitted by the Bidder in response to the RFP or the Bidding Documents and the Bidder shall, when so required by the Agency, make available all such information, evidence and documents as may be necessary for such verification.
- 2.3.2 The Department reserves the right to reject any Bid and appropriate the Bid Security if:
- (a) At any time, a material misrepresentation is made or uncovered, or
 - (b) The Bidder does not provide, within the time specified by the Department the supplemental information sought by the Department for evaluation of the Bid.

Such misrepresentation/ improper response shall lead to the disqualification of the Bidder. If the Bidder is a Consortium, then the entire Consortium and each Member may be disqualified / rejected.

2.4 **Clarifications**

- 2.4.1 Bidders requiring any clarification on the RFP may contact either through e-mail, ifccdi@gmail.com or personally in the Office of Executive Engineer-CD-I, I&FC Department, Govt. of NCT of Delhi, Basaidarapur, Office Complex, Basaidarapur, Delhi-110027, at least 7 days before the closing date of submission of bid.

2.5 **Amendment of RFP**

- 2.5.1 At any time prior to the Bid Due Date, the department may, for any reason, whether at its own initiative or in response to clarification requested by a Bidder, modify the RFP by the issuance of Addendum/Corrigendum.
- 2.5.2 Any Addendum/Corrigendum issued hereunder will be uploaded on the website//tender portal.

In order to afford the Bidder a reasonable time for taking an Addendum into account, or for any other reason, the Department may, in its sole discretion to extend the Bid Due Date.

2.6 **Fraud and Corruption**

- 2.6.1 The bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Bidding Process and subsequent to the issue of the LOA and during the subsistence of the Service Agreement. Notwithstanding anything to the contrary contained herein, or in the LOA or the Service Agreement, the I& FC Deptt. shall reject a Bid, withdraw the LOA, or terminate the Service Agreement, as the case may be, without being liable in any manner whatsoever to the bidders or to the Successful Bidder or Technical Consultant, as the case may be, if it determines that the Successful Bidder or Technical Consultant, as the case may be, has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bidding Process. In such an event, the I& FC Deptt. shall forfeit and appropriate the Proposal Security, Successful Bidder or

Technical Consultant, as the case may be, shall pay, as mutually agreed genuine estimated compensation and damages to the I & FC Deptt. towards, inter alia, time, cost and effort of the I & FC Deptt., without prejudice to any other right or remedy that may be available to the I & FC Deptt. hereunder or otherwise.

2.6.2 Without prejudice to the rights of the I& FC Deptt. underrelevant Clause hereinabove and the rights and remedies which the I & FC Deptt. may have under the LOA or the Service Agreement, if a Bidder, the Selected Bidder or Technical Consultant, as the case may be, is found by the I & FC Deptt. to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Bidding Process, or after the issue of the LOA or the execution of the Service Agreement, such Bidder or Successful Bidder or Technical Consultant shall not be eligible to participate in any tender or RFP issued by the I & FC Deptt. for a period of 2 (two) years from the date such Bidder or Successful Bidder or Technical Consultant, as the case may be, is found by the I & FC Deptt. to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practices, as the case may be.

2.6.3 For the purposes of this, the following terms shall have the meaning hereinafter respectively assigned to them

a) “Corrupt practice” means

(i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bidding Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the I & FC Deptt. who is or has been associated in any manner, directly or indirectly with the Bidding Process or the LOA or has dealt with matters concerning the Service Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the I & FC Deptt., shall be deemed to constitute influencing the actions of a person connected with the Bidding Process); or

(ii) engaging in any manner whatsoever, whether during the Bidding Process or after the issue of the LOA or after the execution of the Service Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA or the Service Agreement, who at any time has been or is a legal, financial or technical adviser of the I & FC Deptt. in relation to any matter concerning the Project;

b) “Fraudulent practice” means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process;

c) “Coercive practice” means impairing or harming, or threatening to impair or harm, directly or indirectly, any person or property to influence any person’s participation or action in the Bidding Process;

d) “Undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by the I& FC Deptt. with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and

e) “Restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or, manipulating a full and fair competition in the Bidding Process.

3.0 **The evaluation of RFP**

Bidder has to submit bid document in two envelope marked as “Technical” and “Financial” and putting these two envelope in one sealed cover envelope clearly marking as “Bid documents for RFP-Water Bodies” and submit the same in the office of Executive Engineer CD-1, I&FC Department, Govt. of NCT of Delhi, Basaidarapur, Office Complex, Basaidarapur, Delhi-110027, on or before **23.09.2019 upto 3.00PM.**

The evaluation of RFP has two stages (i) Technical and (ii) Financial. The agency has to qualify both the stages for award of work. Financial bid shall be opened only for those bidders who so ever are qualified technically. L-1 bidder shall be awarded with the work of the respective Water Bodies for which it has come out to be L-1. **L-1. Empanelled Consultant/ Agencies for PMC of I&FC Department need to submit Experience Certificate of successfully completion of works as per para 3.1.3 and Bid Security (EMD) amounting to Rs. 4.00 lacs (Rupees Four lacs) alongwith Financial Bid however, they are exempted from submitting the other parameters of Technical Bid.**

The evaluation of bids shall be done under the guidance of the committee constituted for the purpose.

3.1 **A Bidder requires/ submit following to qualify in technical bid.**

1. Self-attested copy of Firm registration, registered in India as per law.
2. Rs. 4,00,000/- (Rupees Four Lakh Only) in the form of DD drawn in favour of Executive Engineer CD-I, I&FC, GNCTD payable at Delhi as EMD. Not applicable to Govt. Organizations, institutes, undertaking.
3. **The bidder shall have experience of having successfully completed similar consultancy work during the last 7 years ending pervious day of last date submission of tenders.**

Three similar completed work costing not less than Rs. 10.00 lakhs

Or

Two similar completed work costing not less than Rs. 12.00 lakhs

Or

One similar completed work costing not less than Rs. 15.00 lakhs

Note: -The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

4. Solvency certificate amounting to Rs. 20.00 lakh issued by a Bank for current Financial year (Not applicable to Govt. Organizations, Semi Government Organization, PSU, Government Educational Institutes and Empaneled Consultant/agencies).
5. The applicant must be a profit making organization with an average annual turnover of at least Rs. 50.00 lakhs during the immediate last three consecutive financial years (Not applicable to Govt. Organizations, Semi Government Organization, PSU, Government Educational Institutes and Empaneled Consultant/agencies). In case of a Joint Venture or Consortia, the lead member alone will have to meet this condition (Turn Over Certificate should be signed by Chartered Accountant).
6. Self-attested copies of TAN/PAN& GST.

3.2 **Criteria for technical qualification**

{**Please note:-** The experience certificate should be signed by (i) in case of Govt Organization-Not Less Than the Executive Engineer or equivalent (ii) in case of Private Organization-Not Less Than the Manager.}

1.	Having experience waste water treatment, project using eco-friendly sustainable technology such as Wet Land, pythoridtechnology. Experience certificate should be issued on the letter of the department/client and signed by authorized signatory. (10marks for each project executed and maximum of 30 marks)	10x3=30
2.	Having experience of ground water recharge project at large scale. (5 marks for each project executed and maximum of 15marks)	5x3=15
3.	Having experience of Topographic/ hydrological survey of storm water, water Bodies, river etc. (1x2.5 marks for topography survey and 1x2.5 marks for hydrological survey) (maximum 5 marks)	2.5x2=5
4.	Project of landscaping of water bodies, parks, Water Bodies, river front etc. (2.5 marks for each project maximum of 5 marks).	2.5x2=5
5.	Project done for establishing solar energy or wind energy plants (Solar energy plant-2.5 marks and Wind energy plant-2.5 marks).	2.5x2=5
Total (A)		60

3.3**Requirement of Technical Expertise**

S. No.	Qualification	Experience	Marks
1.	B.E, B.Tech., M. Tech. Environmental or any graduate of science having experience in designing in Eco-Friendly sustainable Technology (Wet land, Phythoridon other similar Technology)	5 Years	15
2.	M. Arch. Specialization in land escaping	5 Years	5
3.	M. Tech. Hydrology or equivalent degree	5 Years	5
4.	B.E./B. Tech. Civil Engineering 2 Nos.(2.5 for each)	5 Years	5
5.	M. Tech Structural Engineering	5 Year	5
6.	B.E./B. Tech. Mechanical/Electrical Engineering 1 Nos.	5 Year	5
Total (B)			40

Note: - Bidder has to score at least65overall Marks (A+B) to qualify in the Technical Stage. (Bidder must ensure that he must obtain minimum 50% or more marks individually in both A & B part).

A Bidder requirestosubmit quote in Rupees against each Water Bodies mentioned in Annexure-I with RFP document. The Financial bid will be opened for those bidders who qualify in Technical Stage. The Financial evaluation will be done for each Water Bodies and bidder who has quoted the lowest rate will be awarded the work of PMC for that Water Bodies.

3.4 The Selected Agency/ Organization is subject to following conditions:

1. The amount quoted is valid up to the completion of maintenance period of 5 years from the date of signing of the agreement. The same can be extended at the discretion of I&FC Deptt.
2. The Selected agency has to sign a MOU with the Executive Engineer In-charge before start of work and submit PG (valid up to the completion of maintenance period) amounting to 5% of the quoted amount in the form of FDR.
3. **Security Deposit:-** 5% will be deducted from the amount payable in bill raised by the selected agency, on account of security deposit which shall be released after the completion of work including maintenance period.
4. The EMD amount deposited with the bid will be returned on submission of PG amount.
5. The Selection does not confer any right / guarantee of entrusting the work/ jobs in the favour of selected agencies.
6. I&FC Deptt., reserves the right to reject applications without assigning any reason. The decision of I&FC Deptt. in this respect shall be final and binding on all applicants.
7. Any dispute/ legal case arising out of this empanelment or award of work will be subject to jurisdiction of Delhi Courts only.
8. The Selected Agency is to abide by the General Financial Rules of Government of India, CVC guidelines, instructions issued by the Finance Department, Govt. of Delhi etc.
9. The amount payable to the agency shall be the amount quoted by the agency or 5% of the cost worked out after preparation of Detailed Project Report excluding (labour cess), contingencies and 3rd party quality check) whichever is lower.
10. The rate quoted by the agency shall be inclusive of all taxes. No separate claim for reimbursement of any type of tax will be entertained by the Deptt. at any stage.
11. Time allowed for submission for DPR along with detailed estimate, design and drawing is **60 days** reckoned after 7th day from the date of issue of award letter. 5.00% will be deducted from the amount payable to the agency for delay of every 10 (Ten) days.

12. Table of Milestone.

S.no.	Description of milestone (physical)	Time allowed in days (from Date of Start)	Amount to be withheld in case of non-achievement
1	15% of total work	15 days	5% of the awarded amount
2	40% of total work	30 days	
3	75% of total work	45 days	
4	100% of total work	60 days	

3.5 Payment schedule:-

- (i) **2% of quoted rates on submission of feasibility report by ascertaining physical status of Water Bodies i.e. encroachment, availability of sufficient land for treatment of waste water of required discharge, landscaping etc. as per land records of Revenue Department so that Water Bodies can be**

developed by means of adopting ecologically sensitive sustainable technology. Only where it is feasible on the Water Bodies this should be considered for further course of action. In case of non-feasible Water Bodies, payment shall be made as per payment schedule upto minimum of feasibility report 2%. No extra claim on account of pre-mature termination shall be entertained.

- (ii) 8% of quoted rates on submission of preliminary report-like survey report, technology most viable and economical along with conceptual plan.
- (iii) 10% of quoted amount rates on submission & approval of DPR by Superintending Engineer or any other officer/ committee as decided by Chief Engineer(I&FC), Zone-I along with detail estimate, details drawings & design along with landscaping plan and drawing.
- (iv) 15% after submission of BOQ, Tender Documents, detail working drawing and design and on award of work.
- (v) 15% of quoted amount rates on Physical completion of $\frac{1}{4}$ of the work.
- (vi) 10% of quoted amount rates on Physical completion of $\frac{1}{2}$ of the work.
- (vii) 10% of quoted amount rates on Physical completion of $\frac{3}{4}$ of the work.
- (viii) 20% of quoted amount rates on physical completion of the work and successful commissioning of the project.
- (ix) 10% of quoted rates during 05 years maintenance period (@2% per Year).
- (x) Performance Guarantee will be returned after completion of maintenance period.
- (xi) Further, 5% will be deducted from the amount payable in bill raised by the selected agency, on account of security deposit which shall be released after the completion of work including maintenance period.

Pre-bid meeting will be held in the Chamber of Superintending Engineer/FC-IV, I&FC Department, Govt. of NCT of Delhi, Basaidarapur, Office Complex, Basaidarapur, Delhi-110027, at 12.00 am on 20.09.2019 The prospective bidders before participating in the bidding process are requested to attend the meeting on venue and time given above.

Applicants may submit their bid in sealed cover, so as to reach to office of I&FC, on or before 23.09.2019 upto 03.00 P.M. at the following address: The Executive Engineer, Civil Division - I, Irrigation & Flood Control Department, Govt. of NCT of Delhi, Basaidarapur, Office Complex, Basaidarapur, Delhi-110027.

SD/-

(EXECUTIVE ENGINEER/CD-I)

FORMAT FOR SUBMISSION OF TECHNICAL BID :-Appendix-I**Name of Applicant Firm:-**

S.No.	Description	Page No.
1.	Name of Lead Member along with details of members forming Consortia/JV	
2.	Affidavit clearly stating name of Lead Member by the other members of JV/Consortia	
3.	Details of Bid Security: DD No, Bank, date and amount	
4.	Self-attested copy of Firm registration, registered in India as per law.	
5.	Solvency Certificate amounting to Rs. 20.00 lakhs issued by a Bank for Current Financial Year.	
6.	Average annual turnover of at least Rs. 50.00 lakhs, certificate issued by the Chartered Accountant.	
	<i>Financial year end</i>	
	<i>Turnover in lacs of INR</i>	
	<i>Year 1</i>	
	<i>Year 2</i>	
	<i>Year 3</i>	
7.	Experience of similar works as per clause 3.1.3 of RFP.	
8.	Self-attested copies of TAN/PAN, GST.	
9.	Experience certificate issued on letter of department/client and signed by authorized signatory for project executed for waste water treatment, using eco-friendly sustainable technology such as Wet Land, pythorid technology.	
10	Experience certificate issued on letter of department/client and signed by authorized signatory for project executed for Ground Water Recharge.	
11	Experience certificate issued on letter of department/client and signed by authorized signatory for execution of Topographic/hydrological survey of storm water, water Bodies, river etc.	

12	Experience certificate issued on letter of department/client and signed by authorized signatory for execution of Project of landscaping of water bodies, parks, river front etc.	
13	Experience certificate issued on letter of department/client and signed by authorized signatory for establishing Solar Energy or wind energy plants.	
14	B.E, B.Tech., M. Tech. Environmental or any graduate of science having experience in designing in Eco-Friendly Sustainable Technology (Wet land, Phytoridon other similar Technology) <i>(Encl. information in Annexure-III)</i>	
15	M. Arch. Specialization in landscaping <i>(Encl. information in Annexure-III)</i>	
16	M. Tech. Hydrology <i>(Encl. information in Annexure-III)</i>	
17	B.E./B. Tech. Civil Engineering 2 Nos. <i>(Encl. information in Annexure-III)</i>	
18	M. Tech Structural <i>(Encl. information in Annexure-III)</i>	
19	B.E./B.Tech. Mechanical/Electrical Engineering 1No. <i>(Encl. information in Annexure-III)</i>	

Letter of Proposal

The

Executive Engineer, CD-1

I FC department

Sub: *CONSULTANCY SERVICES FOR DEVELOPMENT OF WATER BODIES WITH ECOLOGICAL SENSITIVE & SUSTAINABLE TECHNOLOGY, IN NCT OF DELHI*

Dear Sir,

1. With reference to your RFP document dated *****, I/we, having examined the Bidding Documents and understood their contents, hereby submit my/our Proposal for the aforesaid Project. The Proposal is unconditional and unqualified.
2. All information provided in the Proposal and in the Appendices is true and correct.
3. This statement is made for the express purpose of qualifying as a Bidder for undertaking the Project.
4. I/ We shall make available to the I& FC Deptt. any additional information it may find necessary or require supplementing or authenticate the Bid.
5. I/ We acknowledge the right of the I& FC Deptt. to reject our Proposal without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
6. We certify that in the last three years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty or a judicial pronouncement or arbitration award, nor been expelled from any project or contract nor have had any contract terminated for breach on our part.
7. I/ We declare that:
 - (a). I/ We have examined and have no reservations to the Bidding Documents, including any Addendum issued by the I & FC Deptt..
 - (b) I/ We do not have any conflict of interest in accordance with Clauses given in RFP Document;
 - (c) I/We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as defined in RFP document, in respect of any tender or request for proposal issued by or any agreement entered into with the I & FC Deptt. or any other public sector enterprise or any government, Central or State; and
 - (d) I/ We hereby certify that we have taken steps to ensure that in conformity with the provisions of Clause given in RFP, no person acting for us or on our behalf has engaged or will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
8. I/ We understand that you may cancel the Bidding Process at any time and that you are neither bound to accept any Proposal that you may receive nor to invite the

Bidders to Proposal for the Project, without incurring any liability to the Bidders, in accordance with Clause given in RFP document.

9. I/ We declare that we are not a Member of a/ any other firm submitting a Proposal for the Project.
10. I/ We certify that in regard to matters other than security and integrity of the country, we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory I& FC Deptt. which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
11. I/ We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our Associates.
12. I/ We further certify that no investigation by a regulatory/I & FC Deptt. is pending either against us or against our Associates or against our CEO or any of our Directors/ Managers/ employees.
13. I/ We undertake that in case due to any change in facts or circumstances during the Bidding Process, we are attracted by the provisions of disqualification in terms of the guidelines referred to above, we shall intimate the I & FC Deptt. of the same immediately.
14. I/We hereby irrevocably waive any right which we may have at any stage at law or howsoever Otherwise arising to challenge or question any decision taken by the I & FC Deptt. in connection with the selection of the Bidder, or in connection with the Bidding Process itself, in respect of the above mentioned Project and the terms and implementation thereof.
15. In the event of my/ our being declared as the successful Bidder, I/We agree to enter into a Service Agreement in accordance with the draft that has been provided to me/us prior to the Proposal Due Date. We agree not to seek any changes in the aforesaid draft and agree to abide by the same.
16. I/We have studied all the Bidding Documents carefully and also surveyed the project site. We understand that except to the extent as expressly set forth in the Service Agreement, we shall have no claim, right or title arising out of any documents or information provided to us by the I & FC Deptt. or concerning or relating to the Bidding Process including the award of Concession.
17. The Consultancy Fee has been quoted by me/us after the during site visits and taking into consideration all the terms and conditions stated in the RFP, draft Service Agreement.
18. I/We agree and understand that the Proposal is subject to the provisions of the Bidding Documents. In no case, I/We shall have any claim or right of whatsoever nature if the Project is not awarded to me/us or our Proposal is not opened.
19. I/We agree to keep this offer valid for 180 (one hundred and eighty) days from the Proposal Due Date specified in the RFP.

20. I/We agree and undertake to abide by all the terms and conditions of the RFP document.

In witness thereof, I/we submit this Proposal under and in accordance with the terms of the RFP Document.

Yours faithfully,

(Signature of the Authorized signatory)

Name and seal of Bidder

Date:

Place:

(Name and designation of the of the Authorized signatory

FORMAT FOR SUBMISSION OF FINANCIAL BID:- Appendix-II

Sl, No.	Name of work	Quoted amount in figure (including all taxes)	Quoted amount in words (including all taxes)	Sign of authorized signatory against each quotation
1	PMC for the work of "Rejuvenation of Dinpur Water Bodies Kh. No. 1087, Delhi in accordance with the scope of work mentioned on RFP.			
2	PMC for the work of "Rejuvenation of KharkhariNahar Water Bodies Kh. No. 6/11/2, Delhi in accordance with the scope of work mentioned on RFP.			
3	PMC for the work of "Rejuvenation of KharkhariNahar Water Bodies Kh. No. 23/27, Delhi in accordance with the scope of work mentioned on RFP.			
4	PMC for the work of "Rejuvenation of Khera Water Bodies Kh. No. 79, Delhi in accordance with the scope of work mentioned on RFP.			
5	PMC for the work of "Rejuvenation of Paprawat Water Bodies Kh. No. 146, Delhi in accordance with the scope of work mentioned on RFP.			
6	PMC for the work of "Rejuvenation of Paprawat Water Bodies Kh. No. 181, Delhi in accordance with the scope of work mentioned on RFP.			
7	PMC for the work of "Rejuvenation of PindwalanKhurd Water Bodies Kh. No. 31/4, Delhi in accordance with the scope of work mentioned on RFP.			
8	PMC for the work of "Rejuvenation of RewlaKhanpur Water Bodies Kh. No. 81, Delhi in accordance with the scope of work mentioned on RFP.			
9	PMC for the work of "Rejuvenation of RewlaKhanpur Water Bodies Kh. No. 98, Delhi in accordance with the scope of work mentioned on RFP.			

10	PMC for the work of "Rejuvenation of Bijwasan Water Bodies Kh. No. 17, 28, 23/24 Delhi in accordance with the scope of work mentioned on RFP.			
11	PMC for the work of "Rejuvenation of Bijwasan Water Bodies Kh. No. 168, Delhi in accordance with the scope of work mentioned on RFP.			
12	PMC for the work of "Rejuvenation of Kapashera Water Bodies Kh. No. 664/1, Delhi in accordance with the scope of work mentioned on RFP.			
13	PMC for the work of "Rejuvenation of Rajokari at Kh. No. 446, Delhi in accordance with the scope of work mentioned on RFP.			
14	PMC for the work of "Rejuvenation of Rangpuri Water Bodies Kh. No. 105 near Raddision Hotel, Delhi in accordance with the scope of work mentioned on RFP.			
15	PMC for the work of "Rejuvenation of Rangpuri Water Bodies Kh. No. 660, Delhi in accordance with the scope of work mentioned on RFP.			
16	PMC for the work of "Rejuvenation of Daulatpur Water Bodies Kh. No. 22/26, Delhi in accordance with the scope of work mentioned on RFP.			
17	PMC for the work of "Rejuvenation of Ghummanhera Water Bodies Kh. No. 103, Delhi in accordance with the scope of work mentioned on RFP.			
18	PMC for the work of "Rejuvenation of Shikarpur Water Bodies Kh. No. 98, Delhi in accordance with the scope of work mentioned on RFP.			

Signature & Stamp of Applicant

APPENDIX – II**Format-II****Format for Financial Proposal**

(To be enclosed in a separate cover)

(On the Letterhead of the Bidder)

Date:

Executive Engineer

Civil Division-I

Deptt.of I & FC

Basaidarapur

Delhi

Sub: Financial proposal for *CONSULTANCY SERVICES FOR DEVELOPMENT OF WATER BODIES WITH ECOLOGICAL SENSITIVE & SUSTAINABLE TECHNOLOGY, IN NCT OF DELHI*

Sir,

Having gone through this RFP and the draft Service Agreement and having fully understood the scope of work for the Project as set out in this RFP, we are pleased to inform that we would charge as per quoted amount against different water bodies in annexure-IIA that the Employer shall pay to the Technical Consultant for the Services envisaged in accordance with the payment schedule. The financial proposal is inclusive taxes, royalties, fees and charges including service tax as applicable. The financial proposal shall also be inclusive of cost and fees for periodic supervision and all other out of pocket expenses including expenses related to travel, stay, communication and all documentation and I will not claim anything extra on any unforeseen account.

We have reviewed all the terms and conditions of the RFP and undertake to abide by all the terms and conditions contained therein.

We hereby declare that there are, and shall be no deviations from the stated terms in the RFP.

Yours faithfully,

For and on behalf of

(Name of the Bidder)

(Signature of Authorized Signatory)

(Name and designation of the Authorized Person)

Format of Curriculum Vitae (CV) for Proposed Key Personnel: - **Appendix-III**

Name of Personnel	
Profession	
Years with Firm	
Nationality	
Area of Specialization	
Proposed Position on Team	

Key Qualifications:

Project Details	Degree of responsibility/ Experience

Education:

Degree	Name of Institute	Year

Relevant Experience:

POSITION HELD	
Duration	
Location	
Types of activities performed	
Names of relevant projects handled	
Client References	

Languages Known:

	Speaking	Reading	Writing
Language			

UNDERTAKING

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

Date:

Signature & Stamp of Applicant
(Signature of Staff or Authorized Representative/Signatory of the firm)

Appendix- IV**Format for Power of Attorney**

Know all men by these presents, We, _____ (name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorize Mr. / Ms (Name), son/daughter/wife of _____ and presently residing at _____, who is [presently employed with us/ and holding the position of _____, as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our proposal for Preparation of Comprehensive DPR for ***CONSULTANCY SERVICES FOR DEVELOPMENT OF WATER BODIES WITH ECOLOGICAL SENSITIVE & SUSTAINABLE TECHNOLOGY, IN NCT OF DELHI*** to signing and submission of all applications, Bids and other documents and writings, participate in Bidders' and other conferences and providing information / responses to the I & FC Deptt., representing us in all matters before the I & FC Deptt., signing and execution of all contracts including the Service Agreement and undertakings consequent to acceptance of our Bid, and generally dealing with the I & FC Deptt. in all matters in connection with or relating to or arising out of our Proposal for the said Project and/or upon award thereof to us and/or till the entering into of the Service Agreement with the I & FC Deptt.. And we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, _____, THE ABOVE NAMED PRINCIPAL
HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF _____, 2019

For_

(Signature)

(Name, Title and Address)

Witness

1.

2.

Accepted

[Notarised] (Signature)

(Name, Title and Address of the Attorney)

Notes:

- (i) The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
- (ii) Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.

For a Power of Attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney is being issued.