



बिहार सरकार,
पर्यावरण, वन एवं जलवायु परिवर्तन विभाग।
संजय गाँधी जैविक उद्यान, पटना।

अल्पकालीन निविदा सूचना
सं० 04/2023-24

1. विभाग का नाम: पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, बिहार।
2. विज्ञापनदाता का नाम एवं पता: निदेशक, संजय गाँधी जैविक उद्यान, पटना।
3. परिमाण विपत्र की बिक्री की तिथि एवं समय: 27-02-2024 को 5.00 बजे अपराह्न तक।
4. निविदा प्राप्ति की तिथि एवं समय: 28-02-2024 को 1.00 बजे अपराह्न तक।
5. निविदा का तकनीकी बिड खोलने की तिथि एवं समय:- 28-02-2024 को 2.00 बजे अपराह्न।
6. आपूर्ति किए जाने वाले सामग्री का प्रस्तुतीकरण:- 28-02-2024 को 3.00 बजे अपराह्न।
7. निविदा का वित्तीय बिड खोलने की तिथि एवं समय: 28-02-2024 को 4.00 बजे अपराह्न।

क्र. सं.	कार्य का नाम	अग्रधन की राशि	परिमाण विपत्र का मूल्य।
1	Design, Fabrication, Supply, Testing, Installation and Commissioning of two high rise Boat Fountains and two oxygen recyclers in the old lake of Sanjay Gandhi Biological Park, Patna.	रु० 1,00,000/- (एक लाख रुपये)	रु० 2000/- (दो हजार)

निविदा के नियमों, शर्तों एवं सामग्री की विस्तृत जानकारी के लिये अधोहस्ताक्षरी के कार्यालय से कार्यावधि में सम्पर्क किया जा सकता है अथवा वेबसाईट www.forest.bih.nic.in/ www.zoopatna.com पर देखा जा सकता है।

(सत्यजीत कुमार)
निदेशक।

पैसे के बल पर काम कराना, अपराध है। काम सही हो तो मुफ्त होगा।

**SANJAY GANDHI BIOLOGICAL PARK,
PATNA.**

TENDER DOCUMENT

FOR

**DESIGN, FABRICATION, SUPPLY, TESTING, INSTALLATION,
AND COMMISSIONING OF TWO HIGH RISE FLOATING
BOAT FOUNTAINS AND TWO OXYGEN RECYCLERS IN
THE OLD LAKE OF SANJAY GANDHI BIOLOGICAL
PARK, PATNA**

TENDER DOCUMENTS

SECTION – 1

BID SCHEDULE

Name of work: Design, Fabrication, Supply, Testing, Installation and Commissioning of two high rise floating Boat fountains and Two Oxygen Recyclers in the old lake of Sanjay Gandhi Biological Park, Patna

Last date and time of submission of TENDER to SGBP	Up to 1.00 P.M. on or before 28.02.2024 at the office of the Director.
Opening of TECHNICAL BID of Tender	On 28.02.2024 at 2.00 P.M in the office of the Director.
Presentation of Simulation designed by the bidder.	On 28.02.2024 at 3.00 P.M. in the office of the Director
Opening of Financial Bid	28.02.2024 at 04:00 PM in the office of Director.
Time of Completion of work.	30 (thirty) days from issue of work order.

LETTER OF TRANSMITTAL

From:

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To

The Director,
Sanjay Gandhi Biological Park,
Patna-800001

Subject: Design, Fabrication, Supply, Testing, Installation and Commissioning of two high rise floating Boat fountains and Two Oxygen Recyclers in the old lake of Sanjay Gandhi Biological Park, Patna

Sir,

Having examined the details given in Press Notice & bid document for the above work, I/we hereby submit the relevant information.

1. I / We hereby certify that all the statements made and information supplied and accompanying statements are true and correct.
2. I / We have furnished all information and details, necessary for **Qualification** and have no further pertinent information to supply.
3. I / We submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following works:

Enclosure:

Seal of applicant

Date of submission

Signature(s) of applicant

Address:

Contact No.

SECTION - 2

Scope of Work

General scope of the project consists of Design, Fabrication, Supply, Testing, Installation and Commissioning of two high rise floating Boat fountains and Two Oxygen Recyclers in the old lake of Sanjay Gandhi Biological Park, Patna including necessary civil works with defect liability period of two years. There shall be central floating fountain Geneva Jet Set having a rise of more than 90 feet with super cascade.

All equipment supplied, installed and workmanship of the work done shall have warranty for 2 years from the date of completion and handing over of the work. The defect liability period shall be for 2 years reckoned from the date of commissioning and handing over to client. The defects if any noticed during the period shall be immediately rectified failing which the firm shall be liable for action by the SGBP. The firm has to supply the required essential spares free of cost for trouble free running of the system during defect liability period. The supplier has to carry out the required maintenance works during the AMC period post warranty or defect liability period.

1. The project shall include the following minimum services
 - Advice
 - Supply of all necessary equipments
 - Modification at the site, as required for proper functioning of the water feature
 - Complete installation at site
 - Commissioning at site
 - Operation of the fountains and training in operation and maintenance of the equipment to staff for 6 months
 - Defect liability replacement warrantee including the replacement of spares etc. for two years from the date of commissioning of the project.
 - AMC for three years beyond the defect liability period
 - Safety arrangement to avoid risk to water feature and boating both
2. Power for installation, operation and maintenance of the system shall be provided by SGBP free of cost but any accessories needed to use the power shall be arranged by the successful bidder himself.
3. The old lake is in use for pedal boating which shall continue even after operation of fountains. The safety of fountains and boatmen shall be ensured. Putting up the safety guards, if needed, shall be part of the project.
4. The lake is habitat for varieties of fish, tortoise and other water animals. Their lives shall not be compromised.
5. Floating will be in the form of GRP boat of corrosion proof construction with 2-buoyancy compartments with provision for fixing lights in hidden recesses.

The following **specifications** shall be applicable.

FRP Boat with 3-4 mm thick FRP laminations and floating arrangement with GRP (glass reinforced plastic) boat of corrosion proof construction (More than 4 mtr. Long, approx. 1 mtr. wide) with 2-buoyancy compartments with provision for fixing lights in the hidden recesses, steel frame protected by hot dip galvanizing, fittings in plated steel, proper anchorage with steel cables 3/8". The FRP panels shall be filled up with polystyrene cell foam to avoid ingress of water.	
Power requirement	220 / 230V, 1ph, 50 Hz, 5amp
Pump capacity for fountains	Kirloskar/ Crompton or any equivalent national or international brand- totaling 110HP (Multiple submersible pumps), 50 Hz, AC 380-430 V, 2880 rpm
Strainer for suction of stainless steel, non-return valves of high quality cast iron, Steel epoxy coated manifold, Aluminum epoxy coated nozzles, Aluminum alloy/galvanized steel water feature head	
Brass/Gunmetal control valves	
Control panel (metal sheet enclosure type, fully painted), incoming main switch, contactors, delay timer for star delta starting of motor, HRC fuse base, fuses for lights, internal wiring, selector switch, main incoming MCCB, Terminal connector, Thermal L/L unit, star delta timer, start-stop switch, voltmeter and ammeter	GE, L & T or any equivalent national or international brand
Cable: Cable (water proof) for connection between control panel to pump and light	Finolex/ Havells or any equivalent national or international brand
Lights: 4 No. (White halogen lights 1000W) for central jet and 6 No. (2*3 numbers) sequencing coloured halogen lights (1000W) for other two jets comprising cast aluminum housing and clamps	Bajaj/Havells or any equivalent national or international brand
Any hardware necessary for installation of the equipments	Lump sum

GENERAL TERMS AND CONDITIONS.

1. All information called for in the enclosed forms should be furnished against the relevant columns. If for any reason, information is furnished on a separate sheet, this fact should be mentioned against the relevant columns. Even if no information is to be provided in a column, a "NIL" or "no such case" entry should be made in that column. If any particulars/query is not applicable in case of the applicant, it should be stated as "not applicable".
2. The tender should be type-written. The application shall be signed by the person himself in case of an individual, by the proprietor in case of a proprietary firm; by the duly authorized person holding the power of attorney for signing the application accompanied by a copy of the power of attorney.
3. Overwriting should be avoided. Correction, if any, should be made by neatly crossing out, initialing, dating and rewriting. Pages of the eligibility criteria document are numbered. Additional sheets, if any added by the contractor, should also be numbered by him. They should be submitted as a package with signed letter of transmittal.
4. References, information and certificates from the respective clients certifying suitability, technical knowledge or capability of the applicant should be signed by Project Authority.
5. The Director reserves the right, without being liable for any damages or obligation to inform the applicant to reject any or all of the applications without assigning any reason.
6. After evaluation of technical bid, a list of short listed bidders will be prepared. Thereafter, the price bid of only qualified and technically acceptable bidders shall be opened at the notified time, date and place in presence of qualified bidders or their representatives.
7. The applicant is advised to visit the site of work, at his own cost, and examine it and its surroundings by himself to collect all information that he considers necessary for proper assessment of the prospective assignment.
8. The department shall not be liable to pay any interest on the money deposited by the applicants.
9. The tenderer shall be bound to complete the work within stipulated time. There shall not be any extension thereof.
10. The applicants shall be bound to present the original documents of all the annexures on demand at the time of opening of the technical bid.
11. In case of holiday on relevant dates of the tender, the fixed date shall be replaced by the next working day. There shall not be separate information given in this regard.

12. The bidders shall have to submit their bids either physically in the tender deposition box or through registered post on/or before the due date. For bids being deposited through registered post, SGBP will not be responsible for any late receipt of the bid documents.
13. The manufacturer should submit an undertaking to provide after sale, service and maintenance for at least five years from the date of commissioning.
14. The manufacturer has to provide required training to the staff deputed by SGBP so that they can operate the system.
15. If the supplier fails to supply, install and commission the system as per specification mentioned in the order within the due date, the supplier is liable to pay liquidator damages of 1% value of the purchase order awarded, per week delay subject to maximum of 10% beyond the due date and such money will be deducted from any money due or which may become due to the supplier.
16. It is the duty of the supplier to ascertain that the system supplied by them has to fit to the existing area and functions effectively and efficiently as per the specification.
17. Department of Environment, Forest and Climate Change, Govt. of Bihar reserves the right to negotiate the prices with the successful bidder irrespective of the prices quoted in the financial bid.
18. Any legal dispute will be allowed in the jurisdiction of Patna only.

Schedule of Payment

a) For supply, installation and commissioning including operation and training.

S.N.	Installation Stage	% of Contract Price	Conditions to be fulfilled
1	Mobilization Advance.	20%	I) Performance Security to be furnished as specified. II) Bank Guarantee from a schedule Bank to the extent of mobilization Advance to be paid.
2	Supply of all the equipments on the worksite.	30%	I) After inspection certificate is issued.
3	Commissioning of water features	40%	I) After successful completion and commissioning of project and issue of completion certificate
4	Balance	10%	After completion of defect liability period.

b) Payment towards AMC for three years (after completion of defect liability period) shall be released to the successful bidder on quarterly basis in equal installments of the accepted price.

SECTION – 3

GUIDELINES FOR SUBMISSION OF TENDER

The proposal should be submitted in two parts in two separate sealed envelopes / packets and put together in one single sealed outer envelope / packet (Master Envelope) super scribed with "Tender for high rise floating fountain". The two parts of the proposal are:-

Part / Cover – 1: Super scribed with "Tender for high rise floating fountain" the Work and "Technical Bid".

To include the following documents for **technical eligibility**;

- (i) **Profile/credentials** of the Agency/Company/Individual including relevant literature/brochure of equipment and warranty terms. The tenderer shall be original manufacturer or authorized dealer of high rise floating fountain.
- (ii) **Track record** - details of involvement in similar supplies information together with supply order copies regarding order receipt/completeness of such furnished information. The Agency/Company/Individual shall have an experience of at least three years in the field of supply and installation of high rise floating fountain. (Work order shall be enclosed as proof).
- (iii) Statement signed by a statutory auditor, indicating turnover of the company of last three years. The turnover shall not be less than 20 lacs.
- (iv) Photocopy of TIN and PAN duly attested by bidder.
- (v) Photocopy of Aadhar Card duly attested by bidder
- (vi) Demand draft for rupees 2000/- (rupees two thousand only) towards application fee drawn in favour of "Director, Sanjay Gandhi Biological Park" payable at Patna. (Non-refundable)
- (vii) D.D./ F.D.R. of Rupees 1,00,000/- (One lakh) only towards Earnest Money Deposit in favour of Director, Sanjay Gandhi Biological Park, payable at Patna (refundable after liability period).
- (viii) The details like address, telephone no. and name of the contact person of organizations where the bidder has executed similar projects be attached along with the satisfactory performance report of the equipments from the user organization.
- (ix) Declaration from Notary that he is not black-listed by any Govt./Semi Govt. agency.
- (x) Declaration from Notary that the documents submitted by him is true and if found false, he will be punished and black-listed.
- (xi) Signature of bidder duly attested by Gazetted Officer.

All annexure as detailed in the document (excluding details/annexures comprising the financial bid) should be signed by the bidder which are to be enclosed in the technical bid. Tenders containing submission of the financial bid/details in the technical bid shall be rendered disqualified.

Part / Cover – 2: Super scribed with "Tender for high rise floating fountain" the Work and "Financial Bid".

Price Bid

Sl. No.	Activity	Amount
A	Design, Fabrication, Supply, Testing, Installation and Commissioning of two high rise Boat Fountains and Two oxygen recyclers in the old lake of Sanjay Gandhi Biological Park, Patna at site including two years defect liability period, 6 months operation and training to staff	
B	A.M.C. (after defect liability period) for three years per year (to be quoted)	

Total bid price= A+B