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Dated:

SHORT NOTICE INVITING E- TENDER

DESIGN, CONSTRUCTION, SUPPLY, ERECTION, COMMISSIONING, OPERATION AND MAINTAINANCE FOR 5 YEARS OF 100KLD SEWAGE TREATMENT PLANT AT BIADA MEGA FOOD PARK AT MOTIPUR BLOCK, MURZAFFARPUR, BIHAR.

NIT No.: -16/BIADA/2023-2024 (Through e-procurement mode only-www.eproc2.bihar.gov.in)

BIADA invites sealed NIT from eligible Agencies/suppliers. The scope of work: includes DESIGN, CONSTRUCTION, SUPPLY, ERECTION, COMMISSIONING, OPERATION AND MAINTAINANCE FOR (5 YEAR) OF 100KLD SEWAGE TREATMENT PLANT AT **BIADA MEGA FOOD PARK AT MOTIPUR BLOCK, MURZAFFARPUR, BIHAR.**

The Agency jointly should work with BIADA for DESIGN, CONSTRUCTION, SUPPLY, ERECTION, COMMISSIONING, OPERATION AND MAINTAINANCE FOR 5 YEAR OF 100KLD SEWAGE TREATMENT PLANT AT **BIADA MEGA FOOD PARK AT MOTIPUR BLOCK, MURZAFFARPUR, BIHAR**

Sl. No.	Description of Items	Date & Time
1	Start and Last Date for Downloading of Tender Documents	14/11/2023 10.00 AM to 23/11/2023 03.00 PM
2	Pre-Bid Meeting Date, Time, & Place	16/11/2023, 3.00 P.M at BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY FIRST FLOOR, UDYOG BHAWAN, EAST GANDHI MAIDAN, PATNA-800 004
3	Last Date & Time of submission of Tenders online	24/11/2023 from 05.00 pm
4	Last Date, Time & Place for Submission of Hard Copy of Sealed Tender Documents along with EMD, Tender Fee, Affidavit etc.	27/11/2023, 03.00 pm at Technical Section BIHAR INDUSTRIAL AREA DEVELOPMENT AUTHORITY FIRST FLOOR, UDYOG BHAWAN, EAST GANDHI MAIDAN, PATNA-800 004
5	Technical Bid Opening Date, Time & Place	27/11/2023 from 03.30 PM
6	Financial Bid Opening Date Time Place	After Evaluation of Technical Bid
7	Validity Period of Tender	120 Days

Sl. No.	Description of Items	Estimated Amount	EMD Money (Rs)	Tender Fees (Rs)	Processing of tender fees online to BSEDC	Work Completion time (in months)
1	DESIGN, CONSTRUCTION, SUPPLY, ERECTION, COMMISSIONING, OPERATION AND MAINTAINANCE FOR (5 YEARS) OF 100KLD SEWAGE TREATMENT PLANT	Rs.72,00,000.00	1,50,000.00 lacs	11,800.00 (Including 18% GST)	As appears on eproc2.bihar.gov.in/	6 Months

- a) Proof of submission of tender fees
- b) Proof of submission of EMD in accordance with ITB Clause 17
- c) Details of bidder (format in annexure)
- d) Company Profile & Organization setup
- e) Bio Data of Key Personals
- f) GST, PAN, Character Certificate and Affidavit
- g) detailed specifications, description, Quantity, country of origin and all other relevant details about the items offered by the Bidder

- a. The turnover of the Company should not be less than Rs. 10 Crore per annum for last 3 years.
- b. The company should have experience of execution similar works; design/detailed engineering, supply, delivery, unloading storage, installation, testing, commissioning, operation and maintenance of sewerage treatment plant complete in all respects capacity - 100m³/day and above, at least 1 no. OR 70 m³/day - 02 Nos. OR 50 m³/day – 03 Nos. **in last three years.**
- c. The company should have at least one Site Engineer (Electrical, Civil, Mechanical or Environmental) to make available at site.

1.2 M/s. **Bihar Industrial Area Development Authority** hereinafter referred to as "Employer", "Client" or "Owner" has decided to install 100KLD Sewage Treatment Plant at **BIADA Mega Food Park at Motipur, Muzaffarpur, Bihar."**

1.3 M/s **Global Agri System Pvt. Ltd.** AIHP Horizon, 5th Floor 445, Udyog Vihar, Phase, Gurugram 122016 hereinafter referred as "Consultant" for the project who has been appointed as Project Management Consultant.

1.4 The scope of work covered under this EPC tender document includes:

- Design, Construction, Supply, Erection, Commissioning, Operation & Maintenance of 100KLD Sewage Treatment Plant and handing over.
- Electrical & civil Works in 100KLD Sewage Treatment Plant.
- Preparation of detailed working drawings and final As-Built drawings.
- Approval from Statutory Authorities related to above, complete in all respects.

1.5 The one who is awarded the contract will be the "Contractor"

1.6 Brief Project Profile "BIADA Mega Food Park at Motipur, Muzaffarpur, Bihar." Infrastructure Electricity & Water for completion of works will not be provided to the Contractor and contractor has to arrange the same without compromising the quality of the utility services like Electricity & Water.

1.7 The Contractor has to carry out his work according to General Conditions of Contract, Special Condition of Contract, Technical Specifications, Bill of Quantities and working drawings, as applicable issued by the client/PMC.

1.8 The privilege of authorship and ownership of drawings and designs of the structures remain with The Client. The drawings and designs prepared by The Client shall be used only for the purpose specified in this contract and all the drawings issued shall be returned to The Client on completion of work.

1.9 The Engineer authorized by Client to represent at Site-of-work is authorized to ask the Contractor to discontinue any work which does not meet the expected and /or specified requirements and /or work already executed, may be rejected and asked to be removed for the same reason and to construct with contractors' cost, risk and responsibility.

1.10 Operation and Maintenance (for 5 years);

- a) 24X7 running operation and maintenance of STP plants-Regular checking of parameters required for smooth operations of the plants. All measures to operate plants satisfactorily.
- a) The plants will be operated by trained operators, who will maintain necessary log books on daily basis, records of internal and external testing, submit periodic reports etc.
- b) Regular dosing of chemicals in the system
- c) Regular backwash and rinsing of Multi Grade filter, activated carbon filter
- d) Regular cleaning of bar screen
- e) Checking parameters like color odor pH etc. for smooth operations and take immediate action for corrective measures in case of deterioration in any parameter
- f) Visit of technical expert/s once in a month to review performance of the plant. An Engineer from the Head office of the agency would visit site, monitor and manage the activities at site to provide necessary technical backup to the site from Head office or otherwise. He will visit site to oversee the entire operations and initiate any major R&M works as required.
- g) Break down maintenance calls- Unlimited break down calls on as required basis. The break down calls will cover 24X7- breakdown call within 24 hours of the time of complaint.
- h) Schedule maintenance calls- At least 4 (four) scheduled calls as per the program for regular preventive maintenance.
- i) A complaint escalation matrix is to be provided by vendor.
- j) The vendor shall ensure Testing of STP treated water sample as per ISO standards once in a monthly from approved laboratory and report to be submitted by 05th of every month.
- k) Undertake regular preventive maintenance of all mechanical equipment's as pumps valves etc. and take corrective action whenever required for smooth operations.
- l) All tools required for day-to-day running and vendor will provide maintenance of the plant.
- m) All printed log books required for the plants will be provided by vendor.
- n) The treated water to be supplied for Horticulture and other specified uses.
- o) Record hourly data of the operations. Maintaining all sorts of records as per requirements viz sheets of system performance, chemical consumption records, electrical consumption records, daily inlet outlet discharge quantities.
- p) The Vendor shall fulfil the requirements of various law enforcing agencies / local authorities, such as Pollution Control Board etc.
- q) The agency shall not engage any sub-contractor or sublet/transfer the contract to any other agency/person in any manner.
- r) Manpower deployment: -

or: One for 100 KLD STP plant per shift of 08hrs for 24x7 running operations maintenance.

- s) The vendor will be responsible for safety of their deputed staff during performance of duty at site.
- t) In case, any of the staff is not found up to the mark and not able to do work properly, he will have to be changed as per BIADA instructions.
- u) The vendor shall ensure that the Bidder / Agency shall distribute the salary wages in full as per

Minimum Wages Act to the deployed staff. Necessary payments to be made to staff by the 7th of every month by the agency. Proof of bank transfer details shall be required to be provided by the 7th of each month. All labor laws must be complied with and payment details sent to Client on 7th of each month itself.

- v) The agency shall not engage any staff below the age of 18 years. All the staff deployed by the agency shall be medically fit and their antecedent be verified prior to the deployment in the Institute. The agency shall be responsible for the health and well-being of his staff. All precautions and care to be taken to prevent spread of Covid pandemic amongst the workers and occupants of the campus by ensuring Covid Appropriate Behavior and following all directions and guidelines issued by the Institute and the Govt. Authorities.
- w) The agency shall render all assistance in obtaining approvals as required from local authorities for plant operations.
- x) The Contractors will attend all Minor Electrical breakdowns. Major breakdowns/replacements /servicing/repairs in pumps panels motor etc.
- aa) All the materials/chemicals to be used for the operation of STP plant should be of the best quality. All chemicals shall be provided for in the contract value and no extra shall be payable, all replaceable spare/parts shall not be extra.
- bb) The vendor shall ensure necessary training to supervisors to enhance plant performance and efficiency
- cc) The supervisor shall maintain duty roster and the staff should wear photo-identity-card.

1.A. Qualifying Criteria:

The tender documents will be issued to only those who meet the following criteria:

- a) Must be reputed organization registered under the Company Act 1956 or registered Partnership/ Proprietorship firm.
- b) The Organization should have at least 5 years of experience in the installation, Operation and Maintenance of 100 KLD Sewage Treatment Plant.
- c) The organization should be Original Equipment Manufacturer and should have handled at least 1 similar assignment with at least same capacity during last 3 years with similar types of projects. The company should have experience of execution similar works like design, detailed engineering, Construction, supply, delivery, unloading, storage, installation, testing and commissioning of waste water treatment plant complete in all aspect's capacity 100 m3/day and above at least 1 no in last 3 years.
- d) Annual turnover of the organization should not be less than Rs. 10 Crore in the last three financial years (FY 2020-21, 2021-22 and 2022-23) and should be in profit for at least in the last three financial years.
- e) The organization should have sector specific experience and in house capabilities to manage the assignments to avoid outsourcing of the jobs.
- f) Subletting of the jobs assigned would not be allowed.
- g) JV/consortium are not eligible.
- h) There should not be any pending litigation against bidder with any centralGovt./StateGovt/statutory bodies.
- i) The bidder should submit the solvency certificate from nationalized bank for an amount of Rs.10 lacs.

Terms and Conditions:

1. Other details can be seen on the notice board of the undersigned's office or can be obtained on any working day during office hours by contacting the undersigned.
2. New details can be seen on the website of Information and Public Relations Department or on the notice board of the undersigned's office or can be obtained on any working day during the office hours by contacting the undersigned.

3. The following contractors will be considered unsuccessful in the technical bid of the tender-
 - (a) Debarred, suspended or blacklisted.
 - (b) Those who have pending work without any reason after the date of completion of the work as per the agreement.
 - (c) Those contractors who has entered into an agreement after allotment of work, but have not started the work without any reason.
4. The tender will be executed only as per the e-tendering method on the website <https://eproc2.bihar.gov.in/> The intending bidder has to be registered with the service provider to participate in the tender process through the website <https://eproc2.bihar.gov.in/> Specific information can be obtained on toll free number and email ID 18005726571 and eproc2support@bihar.gov.in on the working day period (8.A.M to 7.P.M.)
5. Chartered accountant should verify Certified Annual Turn Over (A.T.O) in that UDIN should be there. If UDIN is not mentioned the A.T.O will not be valid and contractor will be disqualified.
6. e-tendering/e-procurement Bid processing fee and bill of quantity will be charged for the tender of the system(that is not refundable) through Online Mode (e-payment mode) or Internet Payment Gateway (Credit/Debit Card), NET/ NEFT/RTGS will be mandatory.
7. Earnest Money Deposit should be in the name of Bihar Industrial Area Development Authority, Patna s Bank Guarantee, issued from govt./Scheduled Bank or Internet Banking/Internet Payment Gateway (IPG) is only valid. ;The original copy of the Bank Guarantee or Internet Banking/Internet Payment Gateway (IPG proof of validity in the form of Bihar Industrial Area Development Authority, 1st Floor, Udyog Bhawan, East Gandhi Maidan, Patna, Pin-800004 till the last date and time for submission of EMD. It will be mandatory to deposit in technical branch, otherwise the contractor will be disqualified in the tender. If a bank guarantee issued from a bank outside the state of Bihar is given, then it will be mandatory to issue it from a bank located in Bihar before signing the agreement.
8. The bidder has to submit the email ID & Mobile No of the concerned person of the Bank/Financial Institution from which they has procured B.G. for EMD so that the verification of the same should be done immediately.
9. The bidder has to provide their What's app enabled mobile no. & email ID so that they may be contacted easily for any query.
10. An affidavit to the following effect should be issued by the Executive Magistrate/Notary –
 - (a) No criminal case is pending against me/us in any court of law.
 - (b) I/We have not been debarred, suspended and blacklisted by any Government/Semi-Government Establishment and the contract have not been cancelled within the last one financial year.
 - (c) None of my/our immediate relative (means husband/wife, mother/father, brother/sister and such in-laws) is working as Junior Engineer/Assistant Engineer/Executive Engineer/Accounts Officer/Accountant etc. in Bihar Industrial Area Development Authority.
- (d) All certificates, documents, details attached to the tender are true.
 - (e) If I am found guilty of giving wrong information in the above paragraphs 'A', 'B' and 'C' or if any record in paragraph 'D' is found to be untrue, fake, forged, the competent authority will be free to blacklist my registration, punish me legally.
11. Defect liability period of this work is 5 years.
12. The information related to this tender Corrigendum/Addendum will be seen on www.biadabihar.in/ and <https://eproc2.bihar.gov.in/> any Clarification regarding this tender will be discussed in the pre – bid meeting. The meeting of pre –bid will be uploaded on www.biadabihar.in/ and <https://eproc2.bihar.gov.in/>.
13. For participating in E-tendering process, the contractor shall have to get themselves registered to get user ID, Password and Digital signature. This will enable them to access the website on <https://eproc2.bihar.gov.in/> and download / participate in E-tender . All tender queries related to this tender shall be communicated at www.biadabihar.in
14. Detailed conditions and necessary information of the tender can be contacted in the office of Bihar Industrial Area Development Authority, DGM (Technical), Patna during the working hours and can be seen on the office's notice board and website www.biadabihar.in/ and website <https://eproc2.bihar.gov.in/> and for any kind of information / information related to the process of e-


NOTE: All tender related detail, information and documents can be seen after the downloading of tender
through website <https://eproc2.bihar.gov.in/>.

Sd/-
DGM (Technical)
BIADA, Patna

Letter No.....6994/Heh.

Date: 06/11/23

Copy: - I.T. Section, BIADA Patna for publication on authority's web site/ In-charge
Managing Director's Cell, BIADA Patna for information.


DGM (Technical)
BIADA, Patna