MUNICIPAL CORPORATION BATHINDA, LOCAL GOVT. PUNJAB, DEPTT, PUNJAB NOTICE INVITING E-TENDERS (Tender Notice) eproc.punjab.gov.in E-tender No MCB/2024-25/006

No. 554/MCB

DT. 11.07.2024

NOTICE INVITING EXPRESSION TENDER (NIT)

On behalf of the Commissioner, Municipal Corporation, Bathinda (MCB), Executive Engineer, MCB invites tender/bids from the experienced and qualified interested Proprietorship firm/ Company/ registered partnership firm, registered company, registered society or registered trust for "Design, Supply, Installation, Testing, Commissioning and Annual maintenance of 50 TPD Construction and Demolition waste (C & D waste) processing plant in Bathinda". The detailed Tender Document can be seen and downloaded from Punjab Govt. website http://eproc.punjab.gov.in.

For queries, interested parties may contact the office of Executive Engineer, Municipal Corporation, Bathinda -151001.

1. Schedule of Events:

| Availability of Tender document | 11.07.2024 (04:00 PM) to 02.08.2024 till 3:00 pm |
|---|--|
| | (Downloadable from website. |
| | (<u>http://eproc.punjab.gov.in</u>) |
| Last date & time for receipt of written | 22.07.2024 (17 00 Hrs.) only in online mode by Email |
| Queries by email only: | |
| cmcbathinda@gmail.com | |
| Replies to queries on tendering portal only | 25.07.2024 (17 00 Hrs.) only on portal |
| Last date & time for receipt of Tender | 02.08.2024, by 03.00 PM (Through online only) |
| Opening of Technical Bid | 02.08.2024, by 04.00 PM (Through online only) |
| Opening of Financial Bid | After Technical Evaluation |
| Pre-Bid Meeting Date & Place | 22.07.2024 at 11.00 AM at Conference Hall, MC |
| | Office Bathinda |
| Earnest Money (Only online on Portal) | Rs. 1.50 Lac Only |
| Time Limit | Six Months for SITC of C&D plant & 5 years for AMC |

 All amendments, Clarifications, time extension etc. will be uploaded on the Punjab Govt. tendering website (<u>http://eproc.punjab.gov.in</u>.) only. Interested parties should regularly visit the above website to keep themselves updated.

> -sd-Executive Engineer Municipal Corporation, Bathinda

INSTRUCTIONS TO BIDDERS FOR E-TENDERING PROCESS:

Where ever applicable in the tender/NIT document, the tendering process shall be replaced with "E-tendering process" / instructions, as mentioned below.

- a) For participating in the above e-tendering process, the applicant / prospective Bidder shall have to get themselves registered with <u>https://eproc.punjab.gov.in</u> and get user-id and password. Class-3 digital signature is mandatory to participate in the e-tendering. In case Bidder is a consortium, one of the Consortium members shall have to be registered with <u>https://eproc.punjab.gov.in</u> and get user-ID and password for the electronic purchase of NIT document from Municipal Corporation Bathinda as specified in the NIT document by paying the requisite payment as per the mode specified.
- b) For selecting the Selected Bidder to undertake the above Project, The Municipal Corporation Bathinda has adopted a Two Stage System.
- c) The first Stage (the "Technical Qualification Stage") and second Round is (the "Financial Bid Stage") comprising the Technical and Financial Proposal. In the Technical Qualification Stage, Bidders would be required to furnish the information specified in the NIT. Only those Bidders who will be qualified as per the Qualification Stage will stand short-listed by Municipal Corporation Bathinda and shall be eligible for opening their Financial Proposal in the Bid Stage for the Project.
- d) The Tender Documents can be downloaded from: <u>https://eproc.punjab.gov.in</u>
- e) Purchase of online Tender Document /Bid Security for Tender shall be submitted strictly through online mode (E-Payment only). Bidders are advised to open bank account with core banking solution branches (with NEFT/RTGS Facility).
- f) The web site also has user manuals with detailed guidelines on enrollment and participation in the online bidding process i.e. two cover bid submission. The user manuals can be downloaded for ready reference from <u>https://eproc.punjab.gov.in</u>.
- g) The Submission of Proposal / Tender Document shall be carried out strictly online through website; <u>https://eproc.punjab.gov.in</u>. For any online tendering process help Bidders shall contact 12 hours support timing 8 am to 8 pm at +91 97800-14145, +91 97800-42146.
- h) Bidders are required to submit NIT document (Technical and Financial Proposal) in accordance with the guidelines set forth in this NIT Document and as mentioned on website. In order to enable the Bidders to prepare Proposal in a consistent manner and to minimize misunderstandings regarding how Bidders' Proposals will be interpreted by Municipal Corporation Bathinda, the format in which Bidders will specify the fundamental aspects of their Proposals has been broadly outlined in NIT.

- i) The Successful Bidder must compliance of the guidelines/instructions regarding Covid-19 issued by Govt.
- j) For any further queries or clarification Bidder may contact on: <u>cmcbathinda@gmail.com</u>

-sd-Executive Engineer Municipal Corporation, Bathinda

1. INTRODUCTION

Municipal Corporation, Bathinda (MCB) in compliance with MSW Rules 2016 intends to develop a Construction and Demolition Waste Processing Facility on Mansa Road, Bathinda out of Swachh Bharat Mission (SBM) Fund.

Construction and demolition waste is generated whenever any construction/demolition activity takes place, such as, building roads, bridges, houses, renovating houses etc. With the growing population and the demand of new houses and living spaces, the construction activities are at full swing. With this there is wastage and good amount of C&D waste generating on daily basis. This mostly comprises of inert and non-biodegradable material such as concrete, plaster, metal, wood, plastics etc. While retrievable items such as bricks, wood, metal, titles can be recycled, the concrete and masonry waste, accounting for more than 50% of the waste from construction and demolition activities, are not being currently recycled in India. Concrete and masonry waste can be recycled by sorting, crushing and sieving into recycled aggregate. This recycled aggregate can be used to make concrete for road construction and building material.

In light of the above and in its endeavor to improve the city's sanitation and hygiene aspects, Municipal Corporation, Bathinda has prepared this "Tender Document" for "Design, Supply, installation, commissioning, operation & maintenance of 50 TPD Construction and Demolition waste (C & D waste) processing plant in Bathinda". Applicants are advised to verify all the details themselves before submitting their responses.

2. ELIGIBILITY CRITERIA

- a) The Applicant must be an independent legal entity such as proprietorship firm/registered partnership firm/registered company/registered society or registered trust.
- b) To be considered as technically qualified, a Bidder shall fulfill the following minimum eligibility criteria (the "Minimum Eligibility Criteria"):

Allotted and running successfully 1 (one) project of Design, Supply, Installation, Commissioning Construction and Demolition Waste plant in India having 80% (Eighty percent) capacity of the Estimated Utilized Capacity, during the last 5 (five) years preceding the Bid Due Date.

OR

Allotted and running successfully 2 (two) projects of Design, Supply, Installation, Commissioning of Construction and Demolition Waste plant in India having 50% (fifty Page 4 of 19 percent) capacity of the Estimated Utilized Capacity, during the last 5 (five) years preceding the Bid Due Date.

OR

Allotted and running successfully 3 (three) projects of Design, Supply, Installation, Commissioning of Construction and Demolition Waste plant in India having 40% (forty percent) capacity of the Estimated Utilized Capacity during the last 5 (five) years preceding the Bid Due Date.

c) MCB may prescribe additional eligibility or relax certain conditions in TOR clauses as per requirement

The bidders eligible for participating in the qualification process shall also possess the following requisite qualification: -

- Any entity, which has earlier been barred or blacklisted or whose contract is terminated by the authorities prior to the contract period by Government of Punjab or any State or Central Government or other public authorities would not be eligible to submit a Bid.
- 2) PAN number of the agency
- 3) GST number of the agency
- 4) EPF number of the agency
- 5) ESI number of the agency
- 6) Valid Bank Solvency Certificate not older than six months.
- 7) The proposed Machinery with specifications (Manpower, output material specification and detailed methodology for implementation of the work).
- 8) The average annual turnover of the bidder in last 3 financial years should not be less than Rs. **50 Lacs**. The original copy of the CA certificate for the same should be submitted along with Audited balance sheets.

3. EVALUATION OF PROPOSAL

- a) Applicants who fulfill the minimum eligibility criteria as mentioned in Clause 2 of the NIT shall submit their credentials in Technical Bid as per requirement of this TD.
- b) MCB shall evaluate all Technical Bids and Financial Bids of only technically qualified Bidders shall be considered for award of work.
- c) MCB after detail evaluation of the technical bids, if it feels necessary may decide schedule dates for presentation of the proposal by the agency in virtual mode or by person.

4. FINAL DECISION-MAKING AUTHORITY

a) MCB reserves the right to accept or reject any bid and to annul the process and reject all applications at any time without assigning any reason thereof and without thereby incurring any liability to the affected bidder or without informing the bidders of the grounds for such action by MCB.

5. SUBMISSION REQUIREMENT

The applicants shall provide documentary evidence to MCB of their eligibility and their capability and adequacy of resources to carry out the services. In addition, while applying for this Tender, the bids shall include the following information:

- i. Covering Letter as per Annexure-'A'
- ii. Information of Applicants with company profile & brochure -Annexure 'B'
- iii. Applicant's Experience of Relevant Projects Annexure 'C'
- iv. A Technical Note covering the following aspects in-Annexure 'D':
 - Technology to be used for processing of 50 TPD Construction and Demolition Waste.
 - Detailed Technical specifications of the Plant systems/ Equipment's.
 - Name of the Manufacturer of the Machinery proposed for 100 TPD C & D Waste Processing plant.
 - Water & Energy requirement for 50 TPD C & D waste processing plant.
 - Plant Layout, Design, Drawing, P & ID for mechanical equipment's.
 - Area Requirement for plant set up and additional requirement of area for storage, movement of vehicles and other auxiliary facilities.
 - O & M requirement with details of manpower.
 - Note on possibility of initiating the project by PPP mode.
 - Raw material requirement quantum and type.
 - Final products or aggregates from processing of C & D waste.
 - Methodology of management of rejects if any.
 - Work flow chart to complete the job in scheduled Time indicating time taken for various activities like fabrication, transportation, construction of foundations, erection of Plant & machinery, Testing and Commissioning etc. complete in all respects.
 - List of places where C & D plants installed and operated (if any) by the agency with name, address, contact details of the Client

6. LANGUAGE OF APPLICATION

The language of the Application shall be in English only.

7. SUBMISSION OF TENDERS/ BIDS

a) The Tenders/Bids must be submitted only in online mode on given Punjab Govt. etendering portal along with all the required scanned documents mentioned in above para.

8. NUMBER OF TENDERS/BIDS

An Applicant is eligible to submit only one Tender/Bid

9. SCOPE OF WORK

Design, Supply, Installation, Testing, Commissioning and Annual maintenance of 50 TPD Construction and Demolition waste (C & D waste) processing plant in Bathinda.

Minimum machinery which needs to be provided compulsorily with given specifications shall be as below: -

| S. | Description of minimum machinery | Motor | Unit | Total | кw | Qty |
|-----|---|-------|--------|--------|--------|--------|
| No. | | Unit | HP | HP | | |
| 1. | MS Hopper 3mtr x 3mtr, 10mm MS Steel | _ | _ | _ | _ | 1 Nos. |
| | Sheet, Gator 200mb, 4-inch channel | - | - | - | _ | |
| 2. | Vibro Grizzly 6'x3', 10mm MS Plate, Channel 4 | 1 | 7.5 HP | 7.5 HP | 5.5 kw | 1 Nos. |
| | inch, bearing Romania/equivalent 22320, | | | | | |
| | ENAD Shaft, Material to be screened is | | | | | |
| | crushed stone having minimum bulk density | | | | | |
| | 1.6 T/m ³ , inclination at 150 degree (Without | | | | | |
| | Motor) | | | | | |
| 3. | Jaw Crusher Size 20"X12", Grease Lubricated | 1 | 30 HP | 30 HP | 22 kw | 1 Nos. |
| | Single Toggle, 40mm MS plate, bearing | | | | | |
| | Romania/ equivalent 22330/22238, EN 19 | | | | | |
| | Shaft, wheel size 38 inch, open V- belt pulley | | | | | |
| | arrangement, minimum bulk density 1.6 T/m ³ | | | | | |
| | (Without Motor) | | | | | |
| 4. | Jaw Crusher Size 16"X6", Grease Lubricated | 1 | 20 HP | 20 HP | 15 kw | 1 Nos. |
| | Single Toggle, 28mm MS plate, bearing | | | | | |
| | Romania/ equivalent 22324/23230, EN 19 | | | | | |
| | Shaft, wheel size 32 inch, open V- belt pulley | | | | | |
| | arrangement, minimum bulk density 1.6 T/m ³ | | | | | |
| | (Without Motor). | | | | | |
| 5. | Vibrator Screen Size 12'X4' 3-Dack, 10mm MS | 1 | 10 HP | 10 HP | 7.5 kw | 1 Nos. |
| | steel plate, Channel 4 inch, Material to be | | | | | |
| | screened is crushed stone having minimum | | | | | |

| 6. i. ii. iii. | bulk density 1.6 T/m³, inclination at 150 degree, Bearing Romania/ equivalent 22324, ENAD shaft (Without Motor) Belt Conveyors- Continental or Hindustan (Complete All Conveyors) Belt Conveyor BC-1 650mm width 20mtr. Long Belt Conveyor BC-2 500mm width 18mtr. Long Belt Conveyor BC- 3, 4, 5 & 6 500mm wide 10mtr. Long | 1 1 4 | 5 HP 3 HP 3 HP | 5 HP 3 HP 12 HP | 3.5 kw 2.2 kw 9 kw | 1 Nos. 1 Nos. 4 Nos. |
|-------------------------|--|-------------|-----------------------------------|-----------------------|--------------------------|----------------------------|
| 7. | Electric motor (Crompton, ABB and Siemens) | | | | | |
| i. | Motor 30HP 1440 RPM-1 for Jaw Crusher 20"X12" Motor 20HP 1440RPM-1 for Jaw Crusher 16"X6" Motor 10HP 1440 RPM-1 for Vibrator Screen Motor 7.5HP 1440RPM-1 for Vibro Grizzly 6'X3' | 4 | 30 HP 20 HP 10 HP 7.5 HP | 67.50 HP | - | 4 Nos. |
| 8. | Electric Penal & Cables | - | - | - | - | - |
| 9. | Hardware Cut to Suit, V-belt, Wooden Sleeper etc. as per requirement. | - | - | - | - | - |
| 10. | Annual maintenance contract (AMC) of plant and machinery for 5 years (including 1 st year free AMC) | - | - | - | - | - |
| 11. | Tiles/Manufacturing Plant complete in all respect (consist of concrete mixture chain system, colour pan mixture of 1.5 bag capacity, supporting table, trolly, silicon plastic mould zig zag 60mm/80mm, silicon plastic mould I shape 60mm/80mm, red iron oxide colour minimum 100kg., colour yellow iron oxide minimum 100kg., chemical hardener minimum 1000 kg, water proof ply sheets as per requirement and other material etc.). | - | - | - | - | - |

- Any additional machinery if proposed in the Technical Bid by the bidder shall be provided by the bidder at his own cost.
- Bidder shall arrange to get the plant & machinery inspected by MC Bathinda authorized person at his workshop before dispatch of the same to site.
- > Bidder shall get plant tested for its installed capacity after commissioning.
- > Bidder shall get output aggregates size tested after commissioning.

The Output size of material recovered from C&D processing shall be as follows: -

- below 75-micron sized material, which is fine soil/ silt (This may be then used for brick making
- > 75 microns to 2 mm, which is recovered sand
- > 2mm to 10 mm aggregates and
- 10mm to 20mm aggregates

10. Performance Security

- a) If the total quoted rate (Part A & Part B) is less than Rs. 60.00 lacs (Rs. Sixty Lacs Only), then the Successful Bidder shall furnish a Performance Security to the Authority amounting Rs. 5.00 lacs (Rs. Five Lacs Only) for securing the due and faithful performance of its obligations. The Performance Security shall be submitted before the date of signing of Agreement (the "Execution Date"). Such Performance Guarantee shall be in the form of an unconditional and irrevocable bank guarantee in favor of the "Commissioner, Municipal Corporation, Bathinda" from a nationalized or Scheduled bank, in India, payable at Bathinda, as per format provided in respect thereof in Annexure-E ("Performance Security").
- b) The Operator shall maintain a valid and binding Performance Security for a period of three (3) months after the expiry of the Contract Period of 66 months ("Validity Period") which is total of 69 (Sixty-Nine) months.
- c) In case, the availability of Bank Guarantee from the banks for the length of the Total Contract Period is difficult to obtain, the initial Guarantee may be submitted valid for a period of two (2) years, and which shall have to be renewed for similar tenure, fortyfive (45) days before its expiry. The Performance Security can be renewed in above manner up to the end of the Total Contract Period.
- d) If the Bidder fails to furnish the Performance Security, it shall be lawful for the Authority to forfeit the EMD and cancel the Contractor any part thereof.
- e) The Authority shall be entitled to forfeit and appropriate the amount of the Performance Security in whole or in part:
 - in the event the Authority requires to recover any sum due and payable to it by the bidder including but not limited to damages and penalty; and which the bidder has failed to pay in relation thereof; and
 - ii) in relation to bidder's Event of Default in accordance with the terms contained herein.
- f) If the Performance Security has either been partially or completely uncashed by the Authority in accordance with the provisions of this Agreement, at any time during the

Validity Period, the Operator shall within [fifteen (15) days] of such encashment either replenish, or provide a fresh Performance Security, as the case may be, failing which the Authority shall be entitled to terminate this Agreement.

g) On successful completion of this Agreement, the Performance Security shall be returned to the bidder without any interest, subject to any deductions which may be made by the Authority in respect of any outstanding dues under the terms of this Agreement.

11. Annual Maintenance Contract (AMC)

An Annual Maintenance Contract (AMC) for a C&D (Construction and Demolition) waste processing plant would typically include comprehensive coverage to ensure the efficient and continuous operation of the facility. No extra payment will be made for the following work. The detailed scope that such a contract might encompass:

- Regular inspections of machinery and equipment involved in the processing of C&D waste.
- Quarterly inspections and preventive maintenance of all processing equipment, including conveyors, crushers, screens, and sorting systems.
- Lubrication, cleaning, and adjustments to ensure optimal performance.
- Calibration of sensors and monitoring systems if any.
- o Prompt response to breakdowns or malfunctions to minimize downtime.
- o Availability of technicians and spare parts to handle urgent repairs.
- 24/7 availability for emergency repairs with a guaranteed response time of no more than 24 hours from intimation/complaint.
- Updates and upgrades to software controlling sorting, processing, and monitoring systems if any and troubleshooting and debugging of software-related issues.
- Provision of essential spare parts necessary for maintenance and repairs and provision and replacement of specified consumables such as belts, lubricants, filters, wear-resistant liners, and blades as needed during scheduled maintenance visits.
- o Inventory management to ensure critical parts availability.
- Training for plant operators and maintenance staff on the proper operation and basic maintenance of equipment for at least three months after commissioning.
- Technical support via phone, email, or onsite visits to address operational queries or concerns.
- Regular performance assessments to ensure the plant meets operational efficiency and output targets.

- o Recommendations for improvements or modifications to enhance performance.
- Adherence to safety protocols and compliance with environmental regulations.
- Inspections to ensure equipment meets safety standards and regulatory requirements.
- Coverage for warranty repairs and replacements of components provided by the equipment manufacturers.
- Warranty on parts and labour for repairs conducted under the AMC with a minimum warranty period of 365 days from completion of each service.
- Responsibilities of the plant operators in ensuring proper operation and maintenance.
- Provision of regular maintenance reports detailing activities conducted, issues identified, and resolutions implemented.
- Documentation of equipment history and maintenance records for audit and reference purposes.
- The maximum time taken for repair/resolution of C&D plant complaint/fault shall not be more than 48 hours. In case such time exceeds the given time, demurrage @ Rs. 1000/- per hour shall be recovered from AMC payment.
- If the complaint/machine is not attended continuously for 15 days or more, the amount of AMC for same year will not be made.
- If the complaint/machine is not attended continuously for 30 days or more, the EMD and Security will be forfeited and amount of AMC for same year will not be made.

The scope of the AMC should be tailored to the specific needs and complexity of the C&D waste processing plant, taking into account the equipment involved, operational demands, and regulatory requirements. It's essential for both parties to negotiate and agree upon these terms to ensure smooth operations and minimal disruptions throughout the contract period.

12. Payment terms shall be as follows:

| S. | Activity | % of | Documents Required / Remarks |
|-----|---|---------|--|
| No. | | Payment | |
| | PART | -A | |
| 1 | First payment of 70% of the CAPEX (Plant SITC) will be released after the supply and installation of machinery at site as per the Specifications mentioned in the list of minimum machinery required. | 70% | Material delivery report along with inspection reports and test report |

| 2 | Payment of 10% of the CAPEX shall be made after final commissioning and testing of machinery/plant i.e. after testing the final output of the Plant Final payment of CAPEX will be released after the certification in 60 months. | 20 % | Certification from Committee constituted by Commissioner, Municipal Corporation after the inspection of material. 2% every year with the cost of AMC after Certification from Committee | | | |
|---|--|------|--|--|--|--|
| | | 10% | constituted by Commissioner, Municipal Corporation after the inspection of material | | | |
| | PART-B | | | | | |
| 4 | PART-B - Annual Maintenance Contract for 5 years, Payment to be made: | | | | | |
| | Percentage of total quoted rate of AMC at end of 1st year | 0% | | | | |
| | b) Percentage of total quoted rate of AMC at end of 2nd year | 15% | | | | |
| | Percentage of total quoted rate of AMC at end of 3rd year | 20% | After certification of the competent authority of Municipal Corporation. | | | |
| | Percentage of total quoted rate of AMC at end of 4th year | 25% | | | | |
| | Percentage of total quoted rate of AMC at end of 5th year | 40% | | | | |

- a) Amount payable to the Bidder by MC BATHINDA shall be inclusive of all duties, taxes and other levies etc. applicable as on bidding date including GST (if applicable). No additional payment shall be furnished on account of duties, taxes and other levies etc. shall be payable to the bidder. If any new tax applicable on monthly billing is imposed by Govt. of India/ Punjab Govt. during contract period, same shall be applicable and reimbursed by the Municipal Corporation, Bathinda to bidder after submission of evidence.
- b) Municipal Corporation, Bathinda shall start the process for release the periodical payments to the agency within 2 (two) weeks from the date of receipt of invoice.
- c) If MC BATHINDA is not satisfied with the work of agency for continuous period of 3 months, MC BATHINDA shall have the right to terminate the contract by giving 1 month notice to agency and BATHINDA will take over the entire infrastructure without any payment to the agency.
- d) The EMD submitted by the agency shall be returned to the bidder after the entire contract period of 5 years and 6 months.

13. JURISDICTION

All disputes arising shall be subject to the jurisdiction of the appropriate court at Bathinda (Punjab), India and will be governed by the laws of India.

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Executive Engineer Municipal Corporation, Bathinda

Annexure-A

Covering Letter

(On the Letter head of the applicant)

Date:

То

Executive Engineer Municipal Corporation, Bathinda

Sub: SUBMISSION OF TENDER/ BID FOR DESIGN, SUPPLY, INSTALLATION, COMMISSIONING, ANNUAL MAINTENANCE OF 50 TPD CONSTRUCTION AND DEMOLITION WASTE (C & D WASTE) PROCESSING PLANT."

Dear Sir,

Having examined the advertisement and tender document including guidelines for submission, scope of work etc, we hereby submit all the necessary information and relevant documents for "Supply, installation, commissioning, operation & maintenance of 50 TPD Construction and Demolition waste (C & D waste) processing plant".

We understand that MCB reserves the right to reject any application without assigning any reason thereof.

(Signature of Authorized Person with seal of applicant)

Date:

Annexure 'B'

Information of Applicants

| Name of the Agency (In full): |
|--|
| Address |
| Telephone no: |
| E-mail address: |
| Name & Contact Details of Authorized Person |
| Year of establishment (Enclose Certificate of Registration/Incorporation under relevant Acts) |
| Place of business (Signature of Authorized Person with seal of applicant) |

Date:

Annexure 'C'

Applicant's Experience of Relevant Projects

| 1. | Project Name | |
|----|---------------------------------------|--|
| 2. | Name of Client | |
| 3. | Location | |
| 4. | Start Date | |
| 5. | End Date | |
| 6. | Project description (Capacity, model) | |

N.B: List of places where C & D plant is installed by the agency/ Work order and approval copy shall be attached along with the Technical Bid document

(Signature of Authorized Person with seal of applicant)

Date

Annexure 'D' Technical Note on C & D Waste

| Parameters | Remarks |
|--|----------|
| Technology to be used for processing of 50 TPD | |
| Construction and Demolition Waste | |
| Detailed Technical specifications of the Plant | |
| systems/Equipment's. | |
| Name of the Manufacturer of the Machinery | |
| proposed for 50 TPD C & D Waste | |
| Processing plant. Water & Energy requirement | |
| for 50 TPD | |
| C & D waste processing plant. Plant Layout, | |
| Design, Drawing, P & ID for mechanical | |
| equipment's | |
| Area Requirement for plant set up and additional | |
| requirement of area for storage, movement of | |
| vehicles and other auxiliary facilities. | <u> </u> |
| O & M requirement with details of manpower. | |
| Note on possibility of initiating the project by PPP | |
| mode | |
| Raw material requirement quantum and type | |
| Final products or aggregates from processing of C | |
| & D waste | |
| Methodology of management of rejects if any. | |
| Financial Model both on EPC, PPP and PPP (VGF) | |
| mode or any other project modalities. | |
| Time to be taken for Set up and Commissioning. | |
| List of places where C & D plants installed and | |
| operated by the agency. | |

"The agency can use additional sheets/add flow diagrams/pictures or any other method for describing the above-mentioned parameters for proper understanding of the Authority.

(Signature of Authorized Person with seal of applicant)

Date :

Annexure 'E'

| Format For Bank Guarantee for towards Performance Guarantee /Security |
|---|
|---|

Τo,

Commissioner,

Municipal Corporation,

Bathinda- 151001

i) This Deed of Guarantee made this day of _____2023 ___between

Bank of ______(hereinafter called the "Bank") on the one part, and*

[Authority Name](Hereinafter called "Authority") of the other part.

- ii) Whereas Authority has awarded the Contract for (Description of Contract) (hereinafter called the Contract) to: (Name of Operator) (hereinafter called the Operator).
- iii) AND Whereas the bidder is bound by the said Contract to submit to Authority a Performance Security for a total amount of Rs. (Amount in figures and words).
- iv) NOW, WE THE UNDERSIGNED ______(Name of Bank) ______do here by unconditionally and irrevocably undertake to pay to the Authority an amount not exceeding Rs. _______(Rupees _______only) without any demur, merely on a demand in writing from the Authority stating that the amount claimed is due and payable by the Service Provider. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. We, the Bank, further undertake to pay to the Authority any money so demanded notwithstanding any dispute raised by the Operator in any manner whatsoever and our liability under these presents is absolute, unconditional, unequivocal and irrevocable.
- v) We, the Bank, further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement.
- vi) This Guarantee is valid for a period of [Duration in days (months) in figures and words] from the date of signing. We undertake not to revoke this guarantee during its currency without the written consent of the Authority.
- vii) At any time during the period in which this Guarantee is still valid, if the Authority agrees to grant a time extension to the Operator or if the Operator fails to complete the works within the time of completion as stated in the Contract, or fails to discharge itself of the liability or damages or debts as stated under Para 5, above, it is understood that the Bank will extend this Guarantee under the same conditions for the required time on demand by the Authority and at the cost of the Operator.
- viii) The Guarantee herein before contained shall not be affected by any change in the Constitution of the Bank or of the Operator.

- ix) The neglector for bearance of the Authority in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the Authority for the payment here of shall in no way relieve the Bank of their liability under this deed.
- x) We, the Bank, undertake not to revoke this Guarantee except with the previous consent of the Authority in writing. This Guarantee shall be valid up to_____and we undertake to renew/extend this Guarantee from time to time till the completion of performance by the Operator of its obligations under the Contract and/or as demanded by the Authority.
- xi) The expressions "the Authority", "the Bank" and "the Operator" hereinbefore used shall include their respective successors and assignees.

In witness where of I/We of the Bank have signed and sealed this guarantee on the ______ day of

_____2024____being herewith duly authorized .For and on behalf of the_Bank Signature of Authorized Bank official

Name:

Designation:

Stamp/Seal of the Bank: Signed, sealed and delivered for and on behalf of the Bank

By the above named_____

In the presence of:

Witness1

Witness2

Signature Name Address

Financial Bid Format

Municipal Corporation Bathinda

FINANCIAL BID FOR DESIGN, SUPPLY, INSTALLATION, COMMISSIONING, ANNUAL MAINTENANCE OF 50 TPD CONSTRUCTION AND DEMOLITION WASTE (C & D WASTE) PROCESSING PLANT.

| Sr. | Item | Units | Qu | oted Rate |
|-----|---|-------|----------|------------|
| No. | | | In words | in Figures |
| 1 | PART-A - Design, Supply, Installation (including construction of foundations civil work), Testing, Commissioning of 50 TPD Construction and Demolition waste (C & D waste) processing plant in Bathinda (Price is inclusive of all taxes, levies, nothing extra shall be payable over this rate) on the Terms & Conditions of Tender Document. | 1 No. | | |
| 2 | PART-B - Annual Maintenance Contract for 5 years Payment to be made: a) 0% of total quoted rate of AMC at end of 1st year b) 15% of total quoted rate of AMC at end of 2nd year c) 20% of total quoted rate of AMC at end of 3rd year d) 25% of total quoted rate of AMC at end of 4th year e) 40% of total quoted rate of AMC at end of 5th year Total Rate in figures (including all the taxes) | LS | | |
| | Total Rates in words (including all the taxes) | | | |

Note: - If rate given for point no. 2 (Part-B) above is less then 20% of given rate for point no. 1 (Part-A), the bid shall be considered as unbalanced bid. This shall be a considered as a reason for the rejection of the bid.