



**Tender
FOR**

Bioremediation and scientific closure of existing Dumpsite at Masihaganj as per SWM Rules 2016, for Jhansi town in UP, for Municipal Solid Waste with 05 years Operation & Maintenance (O&M.)

(TENDER NO. __UDD/JNN/ 09/18 Dated: _____)



(TENDER NO. _____/JNN/09/18 Dated: _____)
NAGAR NIGAM JHANSI
Request for Proposal
E-Procurement Notice

TENDER No- _____ **JNN/10/2017-18**

Dated: _____

Tender are invited on behalf of Jhansi Nagar Nigam (JNN), UP from reputed and eligible companies / firm/ Consortium/Joint Ventures having sound Technical and Financial capability for the following works: -

Package No.	Description of Package	Estimated Capital Cost (In Lakhs)	Earnest Money (in Lakh)	Cost of Tender Document	Completion Period
1	Bioremediation and scientific closure of existing Dumpsite at Masihaganj as per SWM Rules 2016, for Jhansi town in UP, for Municipal Solid Waste with 03 years O&M.	Rs. 3.00 Cr.	Rs.3.00 Lakh	Rs. 15000/- Including GST	Three Years Maximum

Schedule Of Bidding Process

Jhansi Nagar Nigam would Endeavour to adhere to the following schedule during the Bidding Process:

- 1 Issue of TENDER 20-08-2018
- 2 Site Visits 13-09-2018 (17:00 Hrs)
- 3 Last date for receiving queries 10-09-2018 (14.00 Hrs.)
- 4 Pre-Bid meeting_17-09-2018 (15.30 Hrs)
- 5 Last date to submit Proposal(Online)19-09-2018 (15.00 Hrs)
- 6 Opening of technical bid (Online) 20-09-2018 (15.30 Hrs)

The bid will be received in two cover system. Only e-tenders are acceptable.

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Disclaimer

The information contained in this Tender(hereinafter referred to as "TENDER")document provided to the Bidders, by Jhansi Nagar Nigam or any of their employees or advisors, is provided to the Bidder(s) on the terms and conditions set out in this TENDER document and all other terms and conditions subject to which such information is provided. The purpose of this TENDER document is to provide the Bidder(s) with information to assist the formulation of their proposals. This TENDER document does not purport to contain all the information each Bidder may require. This TENDER document may not be appropriate for all persons, and it is not possible for ULB, their employees or advisors to consider the business/ Investment objectives, financial situation and particular needs of each Bidder who reads or uses this TENDER document. Each Bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this TENDER document and where necessary obtain independent advice from appropriate sources. ULB, their employees and advisors make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the TENDER document. ULB may, in their absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this TENDER document.

Tender FOR

Bioremediation and scientific closure of existing Dumpsite in municipal area as per SWM Rules 2016, for Jhansi town in UP, for Municipal Solid Waste with 05 years O&M.

Tender fee to be paid shall be of value Rs. 15000.00 (Rupees Fifteen Thousand only) in the form of demand draft in favour of **Municipal Commissioner, Jhansi Nagar Nigam**, Payable at **Jhansi**.

Proposal shall be accompanied by EMD of Rs. 3.00 Lakhs (Rupees Three Lakh only). EMD shall be either in the form of a FDR/BG drawn in favour of the Municipal Commissioner, Jhansi Nagar Nigam, on any Nationalized/scheduled bank and payable at Jhansi.

Detailed TENDER documents can be purchased from the office of undersigned on any working day up to _____ by 6.00 PM on payment of Rs. 15000.00 (non-refundable) through Demand Draft in favour of Municipal Commissioner, Jhansi Nagar Nigam (JNN), Payable at Jhansi UP. TENDER can also be downloaded from website www.jnnjhansi.com case tender document downloaded from website, tender shall be accompanied with Tender fee of value Rs. 15000.00 (Rupees Fifteen Thousand only) in the form of demand draft in favour of **Municipal Commissioner, Jhansi Nagar Nigam**, Payable at **Jhansi**.

The last date of submission of tender along with EMD is _____ PM on _____ and may be opened on _____ at _____ PM Jhansi Nagar Nigam, UP.

Instructions to Bidders

Eligibility Criteria for bidders for Solid waste Management:-

Shall satisfy following Qualification Criteria for Financial Eligibility

- Average turnover in last 3 years should not be less than Rs. 1 Crores.
- Net worth of the Bidder as at the end of FY 2015 shall be at least equal to Rs. 0.80 Cr only.

Shall satisfy any of the following Qualification Criteria for experience during the Last Five years

1. Successfully constructed, operated and maintained at least one SWM integrated waste processing project of capacity 50 TPD by adopting composting or Refuse Derived Fuel (RDF) or Waste to Energy technologies to process Mixed Municipal Solid Waste.
2. Successfully constructed, operated and maintained at least one Sanitary Landfill Project of capacity 50 TPD for disposal of Mixed Municipal Solid waste.
3. Successfully operated and maintained at least one project of collection and Transportation of Mixed Municipal Solid waste of 50 TPD capacity.
4. Successfully completed at least one Infrastructure project of 5 crores value.

JNN reserves the right to accept or reject any or all tenders in part or full without assigning any reason thereof. Further details can be seen on website

Sd/-
Municipal Commissioner
Jhansi Nagar Nigam

Completion of Work Timeline and Payment Process

Activity	Timelines- In Months													24 Months		
	1	2	3	4	5	6	7	8	9	10	11	12				
Signing of Agreement & handover of site																
First Milestone																
Second Milestone																
Third Milestone																
Fourth Milestone																
O&M Period																

S.No.	Milestone	Time Period (In Months)	Scope of Work	Payment (%)	Remarks
1	First	1st to 3rd	Detailed Survey, Preparation & Submission of DPR Demarcation of dump site Mobilisation of manpower & machinery	20	Payments Credit period would be 15 days on the achievement of the milestone.
2	Second	4th to 6th	Relocation of Waste Picking of Inorganic Waste, Processing of Organic waste Temporary Fencing of Site, Scientific Closure of Dump Slope Stabilization	25	
3	Third	7th to 9th	Layering of good earth & other	25	
4	Fourth	10th to 12th	Development of Green Belt Leachate Management Gas management	20	
5	O&M	24	Proper O&M of the closed site	10	The Balance amount will be divided in to equal proportionate for the period of 24 months

Eligible Bidders

Bidders who fulfill the pre-qualification criteria indicated in Appendix D are eligible to submit Technical and Financial Proposal in response to this TENDER Document.

The Bidders eligible for participating in the qualification process shall be any one of the following two categories:

Category 1: A single Business Entity meeting the qualification criteria as set out in Proof of Qualification

Category 2: In case the Bidder, which is a Business Entity, (hereinafter referred to as "Lead Member") does not individually fulfill qualification criteria as set out in Proof of Qualification, the same may be procured from a suitably qualified operators, (hereinafter referred to as "Operators"), with whom a valid Memorandum of Understanding (hereinafter referred to as "MoU") formalizing such an arrangement should be in place. The Operator must also be a Business Entity. This joint entity shall hereinafter be referred to as "Consortium".

Number of Proposals

Each Bidder can submit only one (1) Proposal, in response to this TENDER. Any Bidder who submits more than one Proposal, either individually or as a part of consortia, for the single town will be **disqualified and cause the disqualification of such consortia**.

Validity of Proposal

The Proposal shall remain valid for a period not less than 180 days from the Proposal Date (hereinafter referred to as "Proposal Validity Period"). JNN reserves the right to reject any Proposal, which does not meet the requirements **without assigning any reason**.

Proposal Preparation Cost

The Bidder shall be responsible for all the costs associated with the preparation of its Proposal and its participation in the bidding process. JNN will not be responsible or in any way be liable for such costs, regardless of the conduct or outcome of the Proposal.

Earnest Money Deposit (EMD)

Each Proposal shall be accompanied by EMD of Rs. 3.00 Lakhs (Rupees Three Lakhs only), which shall be valid for a minimum period of 180 days (one hundred and eighty) from the bid due date, in the form of a FDR issued by a Scheduled Commercial Bank in India having a branch in Jhansi, in favour of Municipal Commissioner, Jhansi Nagar Nigam, payable at Jhansi ("Bid Security") and refundable not later than 180 (one hundred and eighty) days from the Bid Due Date, except in the case of the Selected Bidder whose Bid Security shall be retained till it has provided a Performance Security in terms hereof. The EMD of every unsuccessful Bidder would be returned within a period of 2 weeks from the date of announcement of the Successful Bidder. The EMD submitted by the Successful Bidder would be released upon furnishing of the Performance Security, by way of an irrevocable Bank Guarantee, issued by a scheduled bank located in India in favour of Municipal Commissioner, Jhansi Nagar Nigam for due and punctual performance of the obligations relating to the Project.

The EMD shall be forfeited in the following cases:

If the Bidder withdraws its Proposal during the interval between the Proposal Due Date and expiration of the Proposal Validity Period.

If the Successful Bidder fails to provide the Performance Security within the stipulated time or any extension thereof provided by JNN; and If any information or document furnished by the Bidder turns out to be misleading or untrue in any material respect.

Evaluation

Proposal Evaluation: Part I Submission

The Part I Submission of the Proposal would first be checked for responsiveness with the requirements of the TENDER. The Proposal would be considered as responsive if it meets the following conditions:

it is received / deemed to be received by the Proposal Due Date including any extension thereof.

it contains all the information and documents as requested in the TENDER.

it contains information in formats specified in this TENDER.

it mentions the Proposal Validity Period as set out in Clause

it provides information in reasonable detail. ("Reasonable Detail" means that, but for minor deviations, the information can be reviewed and evaluated by JNN without communication with the Bidder). JNN reserves the right to determine whether the information has been provided in reasonable detail.

there are no inconsistencies between the Proposal and the supporting documents.

A Proposal that is substantially responsive is one that conforms to the preceding requirements without material deviation or reservation. A material deviation or reservation is one;

- a). which affects in any substantial way, the scope, quality, or performance of the Project, or
- b). which limits in any substantial way, inconsistent with the TENDER, JNN's rights or the Bidder's obligations under the Concession Agreement, or
- c). which would affect unfairly the competitive position of other Bidders presenting substantially responsive Proposals.

The evaluation of the Part II Submission would be taken up only after Part I Submission is found to meet the requirements of this TENDER. JNN reserves the right to reject the Proposal of a Bidder without opening the Part II Submission if, in its opinion, Part I Submission is not substantially responsive with the requirements of this TENDER and the decision of JNN in this regard shall be final.

Proposal Evaluation: Part II Submission

Part II Submission of all the Bidders whose Part I Submission meets the requirements of the TENDER will be evaluated.

Appendix A

Brief Scope of Work

The Brief Scope of Work for the Bidder is as set out below.

Masihaganj dumpsite is an uncontrolled unlined dumping ground, located in **Masiha Ganj, Jhansi, Uttar Pradesh** is very close to residential settlements. The dumpsite is potential threat to the environment due to uncontrolled release of leachate, landfill gas. The dumpsite is operational **since last 10 years** and receives Municipal Solid Waste (MSW) from **Jhansi Nagar Nigam (JNN)** area. JMC has decided to scientifically close the dumpsite at **Masihaganj**. It is desired to carry out bio mining of the existing waste at the site to recover and reuse it to the maximum possible extent after suitable processing, followed by capping of the remainder waste and rejects in the reduced footprint in a systematic and optimized manner and reclaim maximum land for further use in line with the requirements and guidelines of MSW management and handling rules 2016. Presently Masihaganj is being used as a dumpsite and waste is scattered in an **area of approximately 05 acres of land**.

Scope for Dumpsite Rehabilitation

The state of dumpsites in Asian countries is all too similar: indiscriminately dumped, seemingly unplanned heaps of uncovered wastes, most of the times open burning; pools of standing polluted water; rat and fly infestations, domesticated animals roaming freely; and, families of scavengers picking through the wastes. Dumpsite rehabilitation projects are required due to one or a combination of reasons such as market value of excavated materials, directed closure of the facility and minimization of post closure, monitoring costs. To have a properly closed landfill, two basic goals must be kept in mind. These are (1) minimizing the need for continual maintenance of the landfill site, and (2) placing the landfill in a condition that will minimize future environmental impacts. Upgradation and rehabilitation of dump sites to sanitary landfills will have to be done in a phased manner depending on the risk and financial aspects of each dump. It is clear that changing from open dumping to high standards of sanitary landfilling, cannot be achieved overnight. The key to such change is today's scientific knowledge and the introduction of small incremental improvements in the standards of disposal, in line with the financial resources available.

Appendix B

Details of Bidder

(On the Letter Head of the Bidder or Lead Member in case of a Consortium)

(a) Name of Bidder (Firm/Company) with Proprietor/Partner/Director Details:

Address of the office(s)

Date of incorporation and/or commencement of business

Brief description of the Bidder's main lines of business.

Details of individual(s) who will serve as the point of contact / communication for JNN with the Bidder:

Name :

Designation :

Company/Firm :

Address :

Telephone number :

E-mail address :

Fax number :

Mobile number :

Name, Designation, Address and Phone Numbers of Authorised

Signatory of the Bidder:

Name :

Designation :

Company/Firm :

Address :

Telephone number :

E-mail address :

Fax number :

Mobile number :

In case of a Consortium:

The information above (1-4) should be provided for all the members of the Consortium.

A copy of the MOU, as envisaged in the TENDER document should be attached to the Bid. Information regarding role of each member should be provided as per table below:

Sl. Name of Role* Percentage of equity in the

No. Member Consortium

- 1.
- 2.
- 3.

The role of each member, as may be determined by the Bidder should be indicated.

The following information shall also be provided for each member of Consortium

Name of Bidder/ member of Consortium:

No. Criteria Yes No

Has the Bidder/ constituent of the Consortium been barred by the [Central/ State Government, or any entity controlled by them], from participating in any project[s] (DBOT or otherwise).

If the answer to 1 is yes, does the bar subsist as on the date of Bid.

Has the Bidder/ constituent of the Consortium paid liquidated damages of more than 5% of the contract value in a contract due to delay or has been penalized due to any other reason in relation to execution of a contract, in the last three years?

A statement by the Bidder and each of the members of its consortium (where applicable) disclosing material non-performance or contractual non-compliance in past projects, contractual disputes and litigation/ arbitration in the recent past are given below (Attach extra sheets, if necessary)

Appendix C

Proof of Qualification

1. Minimum Qualification Criteria

Shall satisfy any of the following Qualification Criteria for experience during the Last Five years

1. Successfully constructed, operated and maintained at least one SWM integrated waste processing project of capacity 50 TPD by adopting composting or Refuse Derived Fuel (RDF) or Waste to Energy technologies to process Mixed Municipal Solid Waste.
2. Successfully constructed, operated and maintained at least one Sanitary Landfill Project of capacity 50 TPD for disposal of Mixed Municipal Solid waste.
3. Successfully operated and maintained at least one project of collection and Transportation of Mixed Municipal Solid waste of 50 TPD capacity.
4. Successfully completed at least one Infrastructure project of 5 crores value.
5. In Case a agency looking to bid for this tender, without having any experience of the Bioremediation, they must have in their higher management a waste management expert whose experience if solid waste management should not be less than 10 years.

2. Details of Experience

The Bidder should furnish the details of eligible experience as set out below: Qualification Criteria Project Location Year of Operational No. for Experience Name Commissioning Since FY.....

- 1 Construction, O&M or/and O&M of Integrated Compost, RDF plants, C&D Waste, WTE Plant
- 2 Construction, O&M or/and O&M of Landfill Project
- 3 Operation and maintaining Collection and transportation of MSW/C&D waste Infrastructure projects Handled of (*input work value in Crore*)

3. Supporting Documents

The following documents would need to be submitted to support the Bidder's claim of experience stated in the table above.

S. Qualification Criteria Supporting Documents

1 Construction, Operation & Maintenance (O&M)

- I. Copy of agreement with Municipal Body or/and O&M of or any other client for the relevant years Integrated Compost, RDF which clearly mentions the quantum of plants, C&D Waste, WTE waste being supplied to the compost or Plant
- II. Completion Certificate from the Municipal Body or Pollution Control Board or any other client.

2 Construction, O&M

- I. Copy of agreement with Municipal Body or or/and O&M of Landfill any other client for the relevant years Project of (*input waste* which clearly mentions the quantum of *handled in* waste being supplied to Landfill)
- II. Certificate from the Municipal Body or Pollution Control Board or any other client, OR
- III. Certificate from an independent auditor

3 Operation and Maintenance

- I. Copy of agreement with Municipal Body or maintaining any other client for the relevant years Collection and which clearly mentions the quantum of transportation of waste being collected and transported, OR MSW/C&D waste or
- II. Certificate from the Municipal Body or (*input waste handled in* Pollution Control Board or any other) client, OR
- III. Certificate from an independent auditor

4 Implementation of

- I. Copy of agreement with Municipal Body or Infrastructure project any other client for the relevant years (*Value of project in Crore* which clearly mentions the type and value Rs) of project, OR
- II. Certificate from the Municipal Body or Pollution Control Board or any other client, OR
- III. Certificate from an independent auditor

Note:

The Bidder should provide the details mentioned above based on its own experience or its subsidiary (ies) or its parent company. Experience of the Bidder's associate company (ies) will not be considered for evaluation of the Experience of the Bidder. The financial year would be the same as the one normally followed by the Bidder for its Annual Report / annual financial statement. In case of consortium separate sheets shall be used for each consortium member.

Financial Capability

Financial Capability of the Bidders would be evaluated on the basis of the following:

- (a) Net worth as at the end of the most recent financial year that is FY 2016-17
- (b) Average turnover for the last three completed financial years that is FY 2014-15, FY 2015-16 & FY 2016-17.

The Bidder should provide information regarding the above based on audited annual accounts for the respective financial years. The financial year would be the same as the one normally followed by the Bidder for its annual financial statement. The Proposal must be accompanied by the audited annual financial statements of the Bidder for the last three financial years. In case the annual accounts for the latest financial year are not audited and therefore the Bidder could not make it available, the Proposal shall

give an undertaking to that effect and the statutory auditor shall certify the same. In such a case, the bidder may provide the unaudited Annual Accounts (with Schedules) for the latest financial year. The Bidder would have to provide the Audited Annual Financial Statements for the two years preceding the latest financial year, which would be used for the purpose of evaluation of the Proposal. In case the Bidder fails to provide such Audited Annual Financial Statements and certificate from statutory auditor specified hereinabove, the Application will be rejected as nonresponsive.

Appendix D

Guidelines and Format for Technical Proposal

FORMATS FOR TECHNICAL PROPOSAL

In preparing the Technical Offer, Bidders are advised to review the RFP in full including the Project Information Memorandum and Draft Concession Agreement and its schedules and understand the project requirements and scope of services properly.

Bidders are requested to undertake required reconnaissance studies and field level studies to ensure that their Technical Proposal addresses the issues and meets the requirements of the project as outlined in the RFP. Bidders are open to carryout independent studies to confirm the validity of the information provided in the RFP.

Bidders are encouraged to meet the project requirements and are commercially proven, viable and have already been running successfully by the Bidders for other similar kind of projects.

The Bidder shall submit a Technical Proposal setting out the approach to the Project. The Technical Proposal shall comply with the technical specifications, Construction Requirements and O&M Requirements as set out in Schedules of the Draft Concession Agreement. The design and approach for implementing the Project shall also be in compliance with the Applicable Law, including the MSW Rules.

The Technical Proposal is being evaluated for the following components:

1. Project Understanding
2. Methodology Statement (Evidence of the appropriateness and soundness of proposed technology, risk assessment and mitigation, if any)
3. Extent of reclaimed land
4. Business plan for revenue generation potential and possibility of sale of recovered material from the dumpsite
5. Extent of accumulated waste utilisation
6. Optimisation of area requirement for final closure
7. IFC conformance and MSW rules, 2016 conformance, environment monitoring plan, monsoon planning, emergency planning in compliance with the applicable relevant environment regulations of Govt. of India
8. Social impact and awareness building including , Health & Safety Policy and Practice
9. Schedule and implementation plan
10. Management team

Appendix E FORMAT FOR FINANCIAL PROPOSAL

(On the Letterhead of the Bidder or Lead Member in case of a Consortium)

Date:

To

*Municipal
Commissioner*

Jhansi Nagar Nigam, Jhansi.

Dear Sir,

TENDER Reference No. _____ dated _____ for Bioremediation and scientific closure of existing dumping site at Jhansi.

1. I/We are pleased to inform that I/We would demand the Fee of INR----- (In words-----) on lump sum basis and carry out the project as envisaged under the Scope of work indicated in this TENDER document. The price as quoted above, shall be inclusive of all taxes.
2. We confirm that the price quoted above will remain fixed for the entire duration of project.
3. We confirm that the above Proposal conforms to all the terms & conditions stipulated in the Tender (TENDER) Document/RFP.
4. We confirm that this Proposal is FINAL in all respects and contain No conditions.
5. We confirm that, the information submitted in this Proposal is complete and is correct to the best of our knowledge and understanding. We would be solely responsible for any errors or omissions in our Proposal.
6. We confirm that we have studied the provisions of relevant Indian laws and regulations required to enable us to prepare this Proposal and as required to Design, Build, Operate, Maintain and Transfer the Project, in the event that we are finally selected.

Yours Faithfully,

For an on behalf of (name of bidder)

Duly signed by the Authorised signatory of the Bidder

(Name, Designation and Address of the Authorized Signatory)

Note: Performance guarantee status/amount/mode to be discussed along with payment mode during project