



Vijayawada Municipal Corporation

Swachh Andhra Corporation

## **Request for Proposal**

**For**

**Supply and Mounting of Knuckle Boom Crane on existing 1618 Ashok  
Leyland Truck Mounted Refuse Compactor of VMC and Collection,  
Transportation and Maintenance of MSW from Smart Bins to Transfer  
Station/Dumping Yard**

**Vijayawada Municipal Corporation (VMC)**



Vijayawada Municipal Corporation

Swachh Andhra Corporation

**Vijayawada Municipal Corporation****Vijayawada  
RFP Notice**

RFP No:

Date:

The Municipal Commissioner, Vijayawada Municipal Corporation, invites tender in two envelope system for the following works from reputed & experienced Consultant /Bidder who are registered with Government of India/Any State Govt. and/or its undertaking and those who have carried out similar type of work.

<b>Sr. No.</b>	<b>Name of Work</b>	<b>Cost of Blank Tender (Rs.)</b>	<b>Earnest Money Deposit (Rs.)</b>	<b>Work Completion Period (In Months)</b>
1	Supply and Mounting of Knuckle Boom Crane on 1618 Ashok Leyland Truck Mounted Refuse Compactor of VMC and Collection, Transportation and Maintainace of MSW from 6 no's of 1.3 cum and 26 no's of 3 cum Smart Bins to Transfer Station/Dumping yard.	Rs. 10,000/- (Rupees Ten thousands Only)	Rs. 1,00,000/- (One Lakh Rupees Only)	3 Months and O&M for 3 years

1. All notifications regarding this tender notice hereafter will be published online on the website [www.ourvmc.org](http://www.ourvmc.org) and the office of The Chief Engineer, Vijayawada Municipal Corporation Vijayawada.
2. Bidding documents can be downloaded from the website [www.ourvmc.org](http://www.ourvmc.org). It can also be purchased from the office of The Chief Engineer, Vijayawada Municipal Corporation Vijayawada from dated / /2018 to / /2018 up to 17.00 PM.
3. The bid can be submitted at the office of The Chief Engineer, Vijayawada Municipal Corporation Vijayawada on the address mentioned above.
4. The last date for submission of bid is / /2018 up to 17.00 PM.
5. Bidders should submit Tender Fee & EMD through Demand Draft in favour of "The Commissioner, Vijayawada Municipal Corporation, Vijayawada" payable at Vijayawada along with the RFP submission.
6. Technical Bid & Financial Bid will be opened on dated / /2018 at 11.00 am in the office of The Chief Engineer, Vijayawada Municipal Corporation Vijayawada
8. Time allowed for completion of the work is shown in the above table.
9. Right to reject or cancel any or all the tenders without assigning any reason thereof what so ever is reserved by The Commissioner, Vijayawada Municipal Corporation Vijayawada.

**The Commissioner,  
Vijayawada Municipal Corporation**



## **Detailed RFP Notice**

### **1 Disclaimer**

The information contained in this Request for Proposal (hereinafter referred to as “RFP”) document provided to the Bidders by Vijayawada Municipal Corporation (VMC) (hereinafter referred to as “VMC”) or any of their employees or advisors, is provided to the Bidder(s) on the terms and conditions set out in this RFP document and all other terms and conditions subject to which such information is provided.

The purpose of this RFP document is to provide the Bidder(s) with information to assist the formulation of their Proposals. This RFP document does not claim to contain all the information each Bidder may require. This RFP document may not be appropriate for all persons, and it is not possible for VMC, their employees or advisors to consider the business/investment objectives, financial situation and particular needs of each Bidder who reads or uses this RFP document. Each Bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this RFP document and where necessary obtain independent advice from appropriate sources. VMC, 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 RFP document.

VMC may, in their absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this RFP document.

## 2 Scope of Proposal

Solid Waste Management is one of the most essential services for maintaining the quality of life of the people in the urban areas and for ensuring better standard of health, sanitation and the environment. The ULB determined to improve and modernize Solid Waste Management activities in the city and later its adjoining areas. For maximizing efficiency and effectiveness of the Solid Waste Management Service, it is necessary to tackle this problem systematically by examining all aspects of 'Solid Waste Management' (SWM) and devise cost effective system which may ensure adequate level of SWM services to all sections of the society, and collection, transportation and disposal of waste in an environmentally acceptable manner in the lines of Municipal Solid Waste (Management & Handling) Rules 2016 of Ministry of Environment & Forests, Government of India. With a view to improve the efficiency of Waste Collection system, the Detailed Project Report (DPR) on Semi Underground waste collection system by using smart bins has been prepared under the SBM. The report envisages Modernization of underground waste collection system using Smart bin, improvement of services and practices in the waste collection system so as to achieve 100% coverage once the SWM project is translated on the ground complying with Municipal Solid Waste (Management & Handling) Rules 2016.

Hence, the management of waste through semi underground developed infrastructure, the "SMART SOLID WASTE MANAGEMENT SYSTEM" is looked as an important evolution which would allow for the efficient and cost-effective tackling of one of the more pressing needs of Vijayawada city, Andhra Pradesh.

This proposal aims at presenting the solutions offered by such infrastructure, at identifying their operational characteristics and specific advantages as well as at providing insight regarding their cost data. By introducing "Smart Semi Underground Waste Collection Bins", VMC intent to optimize rapidly the traditional approach in Vijayawada, where waste containers are replaced by Smart Bins.

These Standalone Smart Semi Underground Waste Collection Bins offer great advantages over traditional collection bins as under:

- Greater holding capacity than of the same area's surface dumpsters / dins, requiring less frequent Collection
- Natural compaction of the waste (through gravity), increasing their effective capacity vertical conical design
- Improved aesthetics allowing their incorporation in the city's design.
- Constant temperature conditions, slowing bacterial development and controlling the odor problems, especially in summer time.
- Limited maintenance requirements and superior protection against vandalism.



- High hygienic standards, controlling bacterial development and odor problems.
- No direct access to flies, animals or men.
- Helping citizen feel responsible towards good waste management practices.

VMC has installed/installing 6 no's of 1.3 cum and 26 no's of 3 cum Smart Semi Underground Waste Collection Bins in 11 designated places in Vijayawada City to handle 25 tons of Municipal Solid Waste.

The Smart semi underground waste collection bins installed in the city at 11 various designated locations. With the experience of ages together, VMC has evaluated that the mentioned areas are the mixed waste and hence generate the maximum amount of waste i.e. degradable wastes, non-degradable wastes, bio wastes, etc and the garbage generated is approximately 600 kg per cum density. Thus, the system requires the type of vehicles as per the volume of the garbage.

As mentioned above, VMC intends to procure the services of private concessionaire.

VMC invites detailed proposal (hereinafter referred to as "Proposal") for providing the service of Modifying the existing VMC Compactor Truck by mounting Crane and Collection, Transportation and Maintainace of MSW from Smart bins to Transfer Station/Dumping Yard using Crane Specialized Smart Truck in the Area of Operations mentioned above.

The Proposals would be evaluated on the basis of the evaluation criteria set out in this RFP document in order to identify the successful Bidder for the Project (hereinafter referred to as "Successful Bidder").

Terms used in this RFP document which have not been defined herein shall have the meaning ascribed thereto in the draft Concession Agreement.



### **3 Other Contents**

#### **3.1 Number of Proposals**

Each Bidder shall submit a maximum of one (1) Proposal for the Project, in response to this RFP. Any Bidder who submits more than one Proposal, either individually or as a part of any Consortium, for the Project will be disqualified and cause the disqualification of such Consortium. The Bidder shall also be responsible and shall pay for all of the costs associated with the preparation of its Proposal and its participation in the bidding process.

#### **3.2 Validity of Proposal**

The Proposal shall remain valid for a period not less than Ninety days (90) days from the Proposal Due Date (hereinafter referred to as "Proposal Validity Period"). VMC reserves the right to reject any Proposal, which does not meet this requirement.

#### **3.3 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. VMC will not be responsible or in any way be liable for such costs, regardless of the conduct or outcome of the Proposal.

#### **3.4 Earnest Money Deposit**

Each Proposal shall be accompanied by Bid Security of INR 1, 00,000 (Rupees One Lakhs only). The Bid Security shall be paid in the form of Bank Guarantee from any nationalized bank in favour of The Commissioner Vijayawada Municipal Corporation.

#### **3.5 Performance Security**

The Bid Security of every unsuccessful Bidder would be returned within a period of four weeks from the date of announcement of the Successful Bidder. The Bid Security submitted by the Successful Bidder would be released upon furnishing of the Performance Security's. An irrevocable Bank Guarantee of 2% of Clause 11 Part II value issued by a scheduled bank located in India in favor of The Commissioner, Vijayawada Municipal Corporation and payable at Vijayawada, Andhra Pradesh for due and punctual performance of the obligations relating to the project, within 15 days from the date of announcement of Successful bidder. BG should be valid for thirty six (36) months from the proposal due date and will be released within 30 days after completion of 3 years provided that any defect if found shall have to be rectified/complied as per the direction given by EIC within said period.

The Bid Security shall be forfeited in the following cases:



- a. If the Bidder withdraws its Proposal during the interval between the Proposal Due Date and expiration of the Proposal Validity Period.
- b. If the Successful Bidder fails to provide the Performance Security within the stipulated time or any extension thereof provided by VMC; and
- c. If any information or document furnished by the Bidder turns out to be misleading or untrue in any material respect.

### 3.6 Format and Signing of Proposal

- a. The Proposal and all related correspondence and documents should be written in the English language. Supporting documents and printed literature furnished by the Bidder with the Proposal may be in any other language provided that they are accompanied by certified translations of the pertinent passages in the English language. Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Proposal, the English language translation shall prevail.
- b. The currency for the purpose of the Application shall be the Indian Rupee (INR). In all cases where the original figure is in foreign currency, such original figures in the relevant foreign currency and the INR equivalent thereof must be given. The conversion to Indian Rupees shall be based on the closing exchange rate published by the Reserve Bank of India. The exchange rate(s) applied shall be clearly stated. VMC, however, reserves the right to use any other suitable exchange rate for the purpose of uniformly evaluating all Bidders.

The exchange rates for financial year periods would be the average rate as on the closing date (March 31) of the financial year.

- c. The Bidder would provide all the information as per this RFP document. VMC would evaluate only those Proposals that are received in the required format and are complete in all respects. Each Proposal shall comprise the following:

#### i. Part I Submission – Technical Proposal

Covering letter

Details of the Bidder

Power of Attorney

Anti-Collusion Certificate

Qualification Criteria comprising (i) experience of the Bidders and (ii) financial capability statements of Bidders along with relevant supporting documents

Purchase of the RFP Document

EMD

Performance Security, Applicable only for Successful Bidder submits the Performance Security in the form of Bank Guarantee.





## ii. Part II Submission – Financial Proposal

The Consultancy proposal is to be submitted in two cover system. The first cover to contain "Technical proposal" and second cover the "Financial proposal". Reference Clause 11 for quoting of Financial Proposal.

### 3.7 Proposal Due Date

- a. Proposals should be submitted before Proposal Due Date, as indicated in RFP document. Proposals submitted by either facsimile transmission or telex will not be accepted.
- b. Any addendum/ corrigendum issued in regard to this RFP will form a part of it and no corrigendum / addendum will be published in Newspaper, however it will be displayed on website. The bidder would be bind to follow the instructions/direction/amendments issued in the same. The bidders are requested to check the latest instructions/direction/amendments displayed on the website as it would be sole responsibility of the bidder to follow it.
- c. It would be deemed that by submitting the Proposal the Bidder has:
  - i. made a complete and careful examination of this RFP document
  - ii. received all relevant information requested from VMC
  - iii. made a complete and careful examination of the various aspects of the Project including but not limited to:
    - Area of Operations
    - Scope of Services and
    - All other matters that might affect the Bidder's performance under the terms of this RFP document.
- d. VMC shall not be liable for any mistake or error on the part of the Bidder in respect of the above.

### 3.8 Opening of Proposals and Clarifications

- a. VMC would open the Proposals on any working day within seven (7) days of the Proposal Due Date for the purpose of evaluation.
- b. VMC reserves the right to reject any Proposal not submitted on time and which does not contain the information/documents as set out in this RFP document.
- c. To facilitate evaluation of Proposals, VMC may, at its sole discretion, seek clarifications in writing from any Bidder regarding its Proposal. The request for such clarification or substantiation and the response shall be in writing or by facsimile. No material change in the substance of the Proposal would be permitted by way of such clarification / substantiation.
- d. Information relating to the examination, clarification, evaluation, and recommendation of the Proposal shall not be disclosed to any person not officially concerned with the process. VMC will treat



all information submitted as part of the Proposal in confidence and would required all those who have access to such material to treat the same in confidence. VMC will not divulge any such information unless it is ordered to do so by any authority pursuant to Applicable Law or order of a competent court or tribunal, which requires its disclosure.

- e. Bidders may note that VMC will not entertain any deviations to the RFP at the time of submission of the Proposal or thereafter. The Proposal to be submitted by the Bidders would have to be unconditional and the Bidders would be deemed to have accepted the terms and conditions of the RFP with all its contents. Any conditional Proposal shall be regarded as non-responsive and would be liable for rejection.
- f. All correspondence / enquiries should be submitted to the following in writing by E-Mail / Registered post / Courier:

The Commissioner,  
Municipal Corporation,  
Vijayawada, Andhra  
Pradesh.

### 3.9 Criteria for Evaluation

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

- a. May be a private entity or joint venture company or partnership firm or authorized agency registered in India,
- b. Government-owned entity registered in India.

[Note: In order to prove, the Bidder shall attach the copy of registration certificate, or agency letter/agreement or joint venture agreement.]

The term bidder used hereinafter would therefore apply to a single entity.

Any entity, which has earlier been barred by VMC / any government department from participating in any project being undertaken by VMC / Government department or if received any notice from VMC / any government department for any performance related issues, would not be eligible to submit a Proposal.

### 3.10 Experience of Bidders: Part I Submission

The Bidder's competence and capability is proposed to be established by the following parameters:

- i. Technical Capability
- ii. Financial Capability



On each of these parameters, the Bidder would be required to meet the evaluation criteria as detailed in this Section. The Bidder must satisfy the following qualification criteria for experience:

**i. Technical Capability – Evaluation Criteria**

S. No.	Criteria	Documents Required / Remarks
1	The Bidder must have at least two completion certificates for Erection and Installation of semi underground bins of minimum 1.3 cum capacities for handling municipal solid waste from any Government body in India within last five financial years i.e. for a period starting from 01/04/2012	Attested copy of completion certificates issued by any Government department in India.
S. No.	Criteria	Documents Required / Remarks
	<b>Operation and Maintenance Experience</b>	
2	The Bidder must have satisfactory completed Collection and Transportation and operation and maintenance experience includes collection of municipal solid waste from semi underground bins by means of lifting by crane/mechanical lifting arrangements, transportation and depositing the same to transfer station/dumpsite for at least continues two years within last five years in India from period starting from 01/04/2012 in any Government department in India.	Attested copy of completion certificate shall be submitted along with the proposal. Completion certificate must clearly mention that the agency doing collection of municipal solid waste from semi underground bins by means of lifting by crane/mechanical lifting arrangements, transportation and depositing the same to transfer station/dumpsite. The certificate must mention the service level of the agency.
3	The bidder shall submit Certificate of Registration of Agency as per the Indian Companies Act.	Attested copy of Registration Certificate
4	The bidder should submit Pancard along with latest IT returns.	
5	The bidder should submit GST registration certificate	

**ii. Financial Capability – Evaluation Criteria**

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

S. No	Criteria	Documents Required / Remarks
1	The minimum annual turnover should be at least 30 lakhs in any one of the last three years ending financial year 2016-17.	The bidder must attach a certificate from a Chartered Accountant.

**3.11 Proposal Evaluation: Part I Submission**

- a. The Part I Submission of the Proposal would first be checked for responsiveness with the requirements of the RFP. The Proposal would be considered to be responsive if it meets the following conditions:
  - i. It is received / deemed to be received by the Proposal Due Date including any extension thereof.
  - ii. It is signed, sealed and marked as stipulated and the tender is applied.
  - iii. It contains all the information and documents as requested in the RFP.
  - iv. It contains information in formats specified in this RFP.
  - v. It mentions the Proposal Validity Period.
  - vi. It provides information in reasonable detail. ("Reasonable Detail" means that, but for minor deviations, the information can be reviewed and evaluated by VMC without communication with the Bidder). VMC 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.
- b. 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
  - i. which affects in any substantial way, the scope, quality, or performance of the Project, or
  - ii. which limits in any substantial way, inconsistent with the RFP, or
  - iii. Which would affect unfairly the competitive position of other Bidders presenting substantially responsive Proposals.
- c. In case the Proposal is found to be responsive, Part I Submission would be evaluated in accordance with the criteria for qualification of Bidders. In case the Part I Submission is found to be inadequate, VMC shall disqualify or reject the inadequate bidder.

**3.12 Proposal Evaluation: Part II Submission**

- a. Part II Submission of only those Bidders who have met the qualification criteria, shall be taken up for evaluation. VMC reserves the right to reject the Proposal of a Bidder without opening Part II Submission if, in its opinion, Part I Submission is not substantially responsive with the requirements



of this RFP.

- b. If required, the Bidders may be asked to make a presentation to the evaluation committee for clarifying their Proposals. VMC reserves the right to call for presentations from any / some / all of the Bidders.

### **3.13 Financial Proposal Evaluation**

The Bidders would be required to submit the following financial proposal,

- a. Mounting Knuckle Boom Crane on 1618 Ashok Leyland Compactor Truck. Bidder has to quote the total cost for taking the truck from VMC campus, Mounting the Crane, any other alternation that is required to mount the crane and bringing back the truck to VMC campus. Time allowed to complete the project is Three (3) months.
- b. Collection and Transportation of MSW from Smart Semi Underground Waste Collection Bins by using Crane Specialized Smart Truck at various locations in 11 designated places; bidder has to quote total monthly charges to handle Twenty Five (25) metric tons of MSW per day. A bidder who's Technical Proposal meet criteria shall be opened. The time and date of opening of Financial Proposal shall be informed to the technically qualified Bidders in advance. The Bidders' representatives who are present shall be required to sign and record their attendance.

The format for quoting the Financial Proposal is mentioned in this document.

### **3.14 Selection Methodology**

- a. The Bidder making the lowest Financial Proposal shall be declared as the Preferred Bidder. VMC may either choose to accept the Proposal of the Preferred Bidder or invite him for further negotiations.
- b. In case there are two or more Bidders quoting the same best Financial Proposal, VMC may in such case call all such Bidders for negotiations and select the Preferred Bidder on the outcome of the negotiations. The selection in such cases shall be at the sole discretion of VMC.
- c. VMC reserves the right to reject any Proposal, if:
  - i. at any time, a material misrepresentation is made or discovered;
  - ii. the Bidder does not respond promptly and diligently to requests for supplemental information required for the evaluation of the Proposal;
  - iii. it is not mandatory to select the lowest Financial proposal by VMC. If VMC decides the proposal/technology submitted by bidder seems inadequate or invalid proof of concept.
- d. Rejection of a Proposal by VMC as aforesaid would lead to the disqualification of the Bidder. If the Bidder is a Consortium, then the entire Consortium would be disqualified / rejected. If such disqualification / rejection occur after the Proposals have been opened and the Preferred Bidder



gets disqualified / rejected, then VMC reserves the right to:

- i. either select the next best Bidder, or
  - ii. take any such measure/s as may be deemed fit in the sole discretion of VMC, including annulment of the bidding process.
- e. In the event of acceptance of the Preferred Bidder with or without negotiations, VMC shall declare the Preferred Bidder as the Successful Bidder. VMC will notify the Successful Bidder through a Letter of Acceptance (hereinafter referred to as "LoA") that its Proposal has been accepted.
- f. The Successful Bidder shall execute an Agreement with VMC within Two (2) weeks of the issue of LoA or within such further time as VMC may agree to in its sole discretion after submitting the requisite Performance Security and terms of this RFP.
- g. Failure of the Successful Bidder to comply with the terms set out in this RFP shall constitute sufficient grounds for the annulment of the LoA. In such an event, VMC reserves the right to -
- i. either invite the next best Bidder for negotiations
  - ii. take any such measures as may be deemed fit in the sole discretion of VMC, including annulment of the bidding process
- h. Notwithstanding anything contained in this RFP, VMC reserves the right to accept or reject any Proposal, or to annul the bidding process or reject all Proposals, at any time without any liability or any obligation for such rejection or annulment, without assigning any reasons thereof.

### **3.15 Waste Generations per Day**

Total 11 designated places for Smart Semi underground Waste collection bins designed to handle 25 tons per day. If in case after the COD date the waste generation per day is observed more than 25 tons then the agency shall submit valid documents for the extra tons that is handled by the successful bidder and the payment will be paid by VMC to agency after negotiation. No further tender is required from tender inviting authority.

## 4 Payment Terms

a. Payment terms shall be as follows:

S. No.	Activity	% of Payment	Remarks
1	Supply, Delivery and Mounting Knuckle Boom Crane on existing 1618 Ashok Leyland Truck Mounted Refuse compactor of VMC.	100% of Clause 11 Part I	After installation of crane on VMC provided Vehicle amount will be paid after Trail run of 2 months period.
2	Tipping Fee per Month for Collection and Transportation of MSW from Smart Semi Underground Waste Collection Bins to Transfer Station/ Dumping yard. Minimum assured tonnage 25 tons per day.	100% of Clause 11 Part II	Monthly C&T completion report.

- b. Amount payable to the concessionaire by VMC 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 concessionaire. If any new tax applicable on monthly billing is imposed by Govt. of India during contract period, same shall be applicable and reimbursed by the VMC to concessionaire after submission of evidence.
- c. VMC shall start the process for release the Tipping Fee payable to the agency within 2 (two) weeks from the date of receipt of invoice.
- d. VMC does not make payments for a continuous period of 4 months, agency has right to terminate the contract by giving 2 month's notice to VMC and VMC will take over entire infrastructure after releasing termination payments.
- e. Bidders are advised to visit installation sites, dumping site, operating routes, etc., before submitting their financial proposal to have proper information to know ground level work.
- f. While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the solution needed to meet the requirements. Bidders and recipients of this RFP may wish to consult their own legal advisors and VMC officials in relation to this RFP.

## 5 Termination Payment Terms

- a. VMC or the agency can terminate this Contract by giving a notice of not less than Sixty (60) days. Upon



receipt of the notice of termination, the agency shall cancel the contract agreement either immediately or upon the date specified in the notice of termination.

- b. Upon termination by VMC, VMC shall pay to the agency the Tipping fee as quoted by Bidder as per the actual execution till issue of termination notice and no additional payment will be paid.

## **6 Contents of Operational**

- a. The work consists of Operation of 32 no's Smart Semi Underground Waste Collection Bins.
- b. All types of Garbage (Municipal Solid Waste) collected at secondary collection points (i.e. Smart Bins) shall have to be removed with the help of Crane Specialized Smart Truck during less traffic time on every day whenever required including Sundays & Holidays by VMC. Each location of Smart bins shall be emptied one time per day when it is full.
- c. Cleanliness of the sites where Smart Bins installed will be maintained by VMC. If there are any dropping of waste from hand carts /cycle van/ bins during loading will be swept clean by VMC.
- d. The agency will be responsible for taking care of the total equipment installed in the secondary collection points which is under his control that exclude theft, physical damage / vandalism by public, natural destroy, etc.
- e. The collection work to be done daily when required in each collection point failing which the agency will have to pay Rs.1000/- per location per day as penalty charge if the conservancy service is delayed or failed due to non-availability/shortage of manpower/machinery.
- f. The agency will have to comply with MSW Rules 2016 and all applicable statutory obligations relating to deployment of labor applicable in VMC.
- g. Payment will be made as per VMC payment schedule.
- h. No separate service tax/ any other tax will be provided by VMC. All taxes are to be borne by the bidder.
- i. There shall be no penalty during the period when the equipment's/vehicles are under repair due to accident. Provided conservancy service is not hampered for which agency will keep one stand by Prime movers.
- j. Any damage to the Smart bins and Truck which needs replacement due to operational reason has to be carried by the bidder or his agent.
- k. Waste leachate water should not be drained at the secondary collection points. Leachate water should be collected from secondary points and drained only at dumping site. Agency should ensure that suitable Mechanism should exist in the collection chamber/Bag to avoid leachate water leakage and to remain inside the stationary part of the Bins.
- l. VMC shall make all possible efforts to ensure Door-to-door collection of waste and the same waste is





properly dumped into the Smart Semi Underground Bins. VMC will provide tri-cycles with buckets to the rag pickers/waste collectors and the waste from these tri-cycles will be dumped inside the Smart bins, through buckets or directly from primary collection mechanized vehicles. VMC will train the rag pickers/waste collectors to use the Smart bins.

### **Scope of Work & Terms and Conditions for Specialized Smart Trucks**

- a. The work consists of operation of 1 no. of Truck.
- b. The work consists of unloading 32 no's Smart bins using 1 no. of Truck, transportation and disposal of loaded Truck to transfer station/ Dumping yard.
- c. The Smart Bins will be emptied by the Truck after full loaded with garbage from the collection points.
- d. The truck will be operated on all days in a month including Sundays & Holidays during less traffic time when ever required. However duty hours may be changed as per requirement of the department. In case of break down /accident no extra payment will be made for extra time duty. Each location of Smart bins shall be emptied one times per day when it is full.
- e. Driver must have at least 1 year Heavy driving license & capacity to drive truck efficiently from city to dumping site. Agency should provide at least one crane operator/hook operator and one helper on the truck.
- f. Driver must have his own mobile telephone which will remain open throughout the day so that communication can be made by the department as and when required.
- g. During duty hours if any driver is found intoxicated he will be suspended immediately and the agency will provide his substitute on the next day.
- h. Safety & security of the truck during working hours will be looked after by the Agency. Sufficient stock of spares or accessories should be kept by Agency. Parking place for the trucks will be provided by VMC.
- i. Required fuel (Diesel, Mobile, and Hydraulic Oil) will be the Bidder scope.
- j. If any vehicle is not out shedded due to shortage/non availability of driver causing delay or hampering of conservancy service penalty of Rs.1000/- per location per day will be deducted from the agency's bill for maximum of 3 (three) days and after that Rs.1500/- per day per location.
- k. In case violation of traffic rule by the concerned driver necessary penalty charges will be paid by the agency & he will contact Police/Traffic authority to settle the issue.
- l. In case of accident during operation agency will keep in touch with police/ Traffic authority for releasing the vehicle as well as driver on behalf of the department.
- m. Compensation due to minor accident /damage of any public property will be made by the agency to the concerned victims/owner of the property as per insurance policy terms.
- n. Bills to be submitted month wise or as per mutual consent of parties.
- o. Insurance of the Smart truck will be taken care by VMC.



- p. Daily report shall be submitted to concerned authority on how many Smart Bins emptied.

## **7 Other Contents of RFP Document**

### **7.1 Performance Review**

Though the work is for 3 years, review will be done after completion of 3 years by VMC. Based on the performance of the agency and mutual consent by both the agency and VMC, this contract can be extended to another 2 years. No tender is required by the tender inviting authority to extend this contract.

### **7.2 Confidentiality**

- a. Information relating to the examination, evaluation, comparison, and post qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on Contract award is communicated to all Bidders.
- b. Any attempt by a Bidder to influence VMC in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of its Bid.

### **7.3 Right to Accept Any Bid, and to Reject any or All Bids**

VMC reserves the right to accept or reject any Bid, and to annul the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders.

## **8 Technical Specification**

The bidder shall Purchase brand new crane required for collection and transfer of waste as mentioned below of approved makes, completely in accordance with tender specifications.

### **a. Technical Specification for Knuckle Boom Crane (Crane Specialized Smart Truck)**

Crane Specialized Smart Truck is the truck used to handle Smart Bins. Crane mounted on the chassis to load or unload Smart bins. Truck with Chassis GVW 16 ton with Day Cabin & Chassis with hydraulically operated compactor truck will be supplied to the successful bidder to mount crane for easy collection and disposal of municipal solid waste collection from Smart Bins. Minimum specification must be met on crane for collection of municipal solid waste.

Knuckle boom crane suitable to lift Smart Bin. Palfinger PK 10000 or Marchesi or Hyva (HB12E1) or similar crane with minimum 6.04 m Hydraulic outreach. Crane should have stand-up control so the operator can stand behind the cabin on a platform to operate the crane safely. Crane shall be securely fitted behind the truck cabin with required reinforcements so that the truck chassis or the sub frame is not damaged or cracked in due course of operations.

Minimum Lifting Moment	9.5 m
No. of Hydraulic Extension Booms	1
Minimum Hydraulic outreach	6.04m
Slewing Range	Minimum 380 deg
Stabilizer Spread	R2 Manually extendable
Minimum Lifting Capacity	1570 Kg @ 6.1 m
Minimum Lifting Capacity	4825 Kg @ 2.3 m
Operating Pressure:	315 bar
Pump Capacity	Axial Piston Pump 30 to 45 L/min
Crane Dead Weight	Minimum 1285 Kg
Safety Load Holding Valves:	<ol style="list-style-type: none"> <li>1. Load holding valve is used to prevent the normal lowering of crane due to internal leakages in the control valve,</li> <li>2. Load holding valve controls all movements of the boom i.e. Load lifting, Load holding, Load lowering &amp; prevent the cylinder from overload</li> </ol>

## 9 Activities not forming a part of Scope of Services

The Scope of Services of the agency shall not include:

- Primary door to door collection.
- Sweeping of Main/Internal roads, open spaces, civic amenity sites, parks, markets.
- Collection and transportation of construction debris.
- Collection of Bio-Medical, Hazardous and Industrial Waste.
- Maintenance of Truck.
- Clearing obstructions (overhead cables, etc) for Truck travelling route.
- Registering altered truck to Andhra Pradesh Transport Department
- Maintenance of dump site/transfer station.



## 10 Tender Forms

### 10.1 Covering Letter

(On the Letterhead of the Bidder)

Date:

To,  
The Commissioner,  
Vijayawada Municipal Corporation  
Andhra Pradesh.

Ref: Tender for Mounting Knuckle Boom Crane on 1618 Ashok Leyland Truck and Collection,  
Transportation and Maintainance of MSW from Smart Bins to Transfer Station/Dumping yard.

Dear Sir/Madam,

Being duly authorized to represent and act on behalf of ..... (hereinafter referred to as "the Bidder"), and having reviewed and fully understood all of the Proposal requirements and information provided and collected, the undersigned hereby submits the Proposal on behalf of ..... (Name of Bidder) for the Project in one (1) original documents, with the details as per the requirements of the RFP, for your evaluation.

We confirm that our Proposal is valid for a period of ninety (90) days from ..... (insert Proposal Due Date).

We also hereby agree and undertake as under:

Notwithstanding any qualifications or conditions, whether implied or otherwise, contained in our Proposal we hereby represent and confirm that our Proposal is unqualified and unconditional in all respects and we agree to the terms of the proposed Concession Agreement, a draft of which also forms a part of the RFP document provided to us.

Yours faithfully,

For and on behalf of ..... (Name of

Bidder) Duly signed by the Authorized Signatory of

the Bidder (Name, Title and Address of the

Authorized Signatory)



## 10.2 Details of Bidder

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

- a. (i). Name of Bidder
- (ii) Address of the office(s)
- (iii) Date of incorporation and/or commencement of business
- b. Brief description of the Bidder's main line of business.
- c. Details of individual(s) who will serve as the point of contact / communication for VMC with the Bidder:

- (i) Name :
- (ii) Designation :
- (iii) Company / Firm :
- (iv) Address :
- (v) Telephone number :
- (vi) E-mail address :
- (vii) Fax number :
- (viii) Mobile number :

- d. Name, Designation, Address and Phone Numbers of Authorized Signatory of the Bidder:

- (i) Name :
- (ii) Designation :
- (iii) Company / Firm :
- (iv) Address :
- (v) Telephone number :
- (vi) E-mail address :
- (vii) Fax number :
- (viii) Mobile number :

Yours faithfully,

For and on behalf of ..... (Name of

Bidder) Duly signed by the Authorized

Signatory of the Bidder (Name, Title and

Address of the Authorized Signatory)



### 10.3 Format for Performance Security

(To be issued by a Scheduled Bank in India & On Rs.100 India Non Judicial Stamp

Paper)

B.G. No..... dated.....

This Deed of Guarantee executed at ..... by ..... (Name of Bank) having its Registered office at ..... (Hereinafter referred to as "the Guarantor") which expression shall unless it be repugnant to the subject or context thereof include its, successors and assigns;

In favour of

The Commissioner, Vijayawada Municipal Corporation (hereinafter called "VMC") having its office at Vijayawada Municipal Corporation, -----, Andhra Pradesh, which expression shall unless it be repugnant to the subject or context thereof include its successors and assigns;

#### WHEREAS

- a. M/s..... a company registered under provisions of the Companies Act, 1956, having its registered office at ..... (hereinafter called "the Bidder") which expression shall unless it be repugnant to the subject or context thereof include its/their executors administrators, successors and assigns, intends to bid for providing the service of supply, installation, collection and transportation of MSW in Vijayawada Municipal Corporation designated areas.
- b. The Request for Proposal Document dated ..... issued in respect of the Project (hereinafter referred to as "RFP Document") the Bidder is required to furnish to VMC an unconditional and irrevocable Bank Guarantee for an amount of Rs. .... /- (Rupees ..... only) as Performance Security for the Project.
- c. The Guarantor has at the request of the Bidder and for valid consideration agreed to provide such Bank Guarantee being these presents:

#### NOW THEREFORE THIS DEED WITNESS AS FOLLOWS:

- a. The Guarantor, as primary obligor shall, without demur, pay to VMC an amount not exceeding Rs..... within 5 days of receipt of a written demand from VMC calling upon the Guarantor to pay the said amount.
- b. Any such demand made on the Guarantor by VMC shall be conclusive and absolute as regards the forfeiture of Performance Security and the amount due and payable by the Guarantor under this Guarantee.
- c. The above payment shall be made without any reference to the Bidder or any other person and irrespective of whether the claim of VMC is disputed by the Bidder or not.
- d. This Guarantee shall be irrevocable and remain in full force for a period of from (date)



Vijayawada Municipal Corporation

Swachh Andhra Corporation

..... to (date) ..... (Proposal Validity Period) or for such extended period as may be mutually agreed between VMC and the Bidder and shall continue to be enforceable till all amounts under this Guarantee are paid.

- e. The Guarantee shall not be affected by any change in the constitution or winding up of the Bidder/the Guarantor or any absorption, merger or amalgamation of the Bidder/the Guarantor with any other person.
- f. In order to give full effect to this Guarantee, VMC shall be entitled to treat the Guarantor as the principal debtor. The obligations of the Guarantor shall not be affected by any variations in the terms and conditions of the RFP Document or other documents or by extension of time of performance of any obligations granted to the Bidder or postponement/not exercise/delayed exercise of any of its rights by VMC against the Bidder or any indulgence shown by VMC to the Bidder and the Guarantor shall not be relieved from its obligations under this Bank Guarantee on account of any such variation, extension, postponement, non-exerciset, delayed exercise or omission on the part of VMC or any indulgence by VMC to the Bidder to give such mater or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving the Guarantor.
- g. The Guarantor has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized to execute this Guarantee pursuant to the power granted under

.....

IN WITNESS WHEREOF THE GUARANTOR HAS SET ITS HANDS HEREUNTO ON THE DAY, MONTH AND YEAR FIRST HEREINABOVE WRITTEN.

Signed and Delivered by ..... Bank By the hand of Mr/Ms. ....

Its ..... and authorized official.



#### 10.4 Format for Power of Attorney for Signing of Proposal

(On Rs.100 India Non Judicial Stamp Paper)

##### POWER OF ATTORNEY

Know all men by these presents, we ..... (name and address of the registered office) do hereby constitute, appoint and authorize Mr/Ms..... (Name and residential address) who is presently employed with us and holding the position of ..... as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to, for providing the service of supply, installation, collection and transportation of MSW in VMC designated area's, including signing and submission of all documents and providing information/responses in all matters in connection with our Proposal for the Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this the ..... Day of  
..... 2018 For .....

(Name and designation of the  
person(s) Signing on behalf of the  
Bidder / Lead Member In case of  
Consortium)

Accepted

..... Signature  
(Name, Title and Address of the Attorney)

Date: .....

Note:

- To be executed by all the members in case of a Consortium.
- 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.
- If the executants are from different nationalities, then the Power of Attorney must follow Government of India guidelines i.e. if the executants is not an Indian citizen then he must take the original Power of Attorney document to nearby Indian embassy in executants residing country and shall sign in front of the Indian embassy authorized person and get it attested by same Indian embassy authorized person. Power of Attorney document signed by foreign nationality without Indian embassy authorized signature attested by Indian Notary Public is not a valid document.





### 10.5 Anti-Collusion Certificate

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

We hereby certify and confirm that in the preparation and submission of our Proposal, we have not acted in concert or in collusion with any other Bidder or other person(s) and also not done any act, deed or thing which s or could be regarded as anti-competitive.

We further confirm that we have neither offered nor will offer any illegal gratification in cash or kind to any person or agency in connection with the instant Proposal.

Dated this ..... Day of ..... 2018

.....

(Name of the Bidder\*)

.....

(Signature of the Authorized Person)

.....

(Name of the Authorized Person)

Note:

- To be executed by both members in case of Consortium.
- \*Names of all members in case of Consortium.



## 10.6 Self Declaration

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

I/ We solemnly affirm as under:

- a. This Tender Document was downloaded by us from your website and is being used for submitting our bid.
- b. The downloaded file was printed and is being submitted without any alterations, deletions, additions or changes.
- c. I/ We further affirm that I/ We have gone through the tender document completely and understood the contents, letter & spirit. I/ We further confirm that all the Terms and Conditions of the tender set are acceptable to us and we hereby accept and agree to abide by all the other Terms and Conditions contained in the tender document.
- d. We also affirm that we are not barred or banned or blacklisted by VMC or any other government department from participating in tenders.
- e. We also affirm that we have never received any notice from VMC or any other government department for any performance related issues.
- f. We understand that in case it is found subsequently that the above points are false or that the downloaded Tender Document was altered or tampered with, in any manner, then our bid is liable to be rejected or in case a purchase order is placed on us basis such tampered document, then the order is liable to be cancelled without any further reference to us.

Dated this ..... Day of ..... 2018

.....  
(Name of the Bidder\*)

.....  
(Signature of the Authorized Person)

.....  
(Name of the Authorized Person)

Note:

- To be executed by both members in case of Consortium.
- \*Names of all members in case of Consortium.

## 11 Financial Proposal

S. No.	Activity	No. of Units	Rate Quoted by the Bidder per Unit (INR)	Gross Quoted Amount (INR)	
<b>Part I</b>					
A	Supply and Mounting of Knuckle Boom Crane on existing 1618 Ashok Leyland Truck Mounted Refuse Compactor of VMC	1	Rs.....	Gross Quoted Amount = (1 x Rate Quoted by the Bidder per Unit)	
Part I Total Estimated		Total = Rs.			
Part I Total Quoted		Total =			
<b>Part II</b>					
	Description	Unit	Minimum Assured Tonnage per day	Rates quoted by the Bidder per month	Gross Quoted Amount (INR)
B	Tipping Fee for Collection, Transportation and Maintainace of MSW from Smart Bins to Transfer Station /Dumping Yard for First Year	Per Month	25 Ton	Rs..... .....	Gross Quoted Amount = (12 months x Rate Quoted by the Bidder per month)
C	Tipping Fee for Collection, Transportation and Maintainace of MSW from Smart Bins to Transfer Station /Dumping Yard for Second Year	Per Month	25 Ton	Rs..... .....	Gross Quoted Amount = (12 months x Rate Quoted by the Bidder per month)
D	Tipping Fee for Collection, Transportation and Maintainace of MSW from Smart Bins to Transfer Station/ Dumping Yard for Third Year	Per Month	25 Ton	Rs..... .....	Gross Quoted Amount = (12 months x Rate Quoted by the Bidder per month)
Part II Total		Total = (B+C+D)			
Total Tender Amount in INR		Total = (Part I + Part II)			
Total Tender Amount in Words		Rupees .....			



Note:

- Bidder who quoted lowest in Total Tender Amount = (Part I + Part II) quote will be the successful bidder.
- Part II rate must be inclusive of all cost of drivers/ operators/ mechanics, consumables i.e. diesel, petrol, C&T. The quoted price shall be inclusive of all the taxes and duties as applicable.
- In case of a discrepancy between the expressed values in figures vis-à-vis the expressed in words, the later shall govern.
- The price rate containing decimal places would be rounded off to the nearest decimal rupees.
- Rate Quoted by the Bidder per Unit on Part II (B&C) shall be equal values or values on ascending order.
- The COD shall mean that the date on which the agency started execution for collection of Garbage and transportation of MSW from project site to the final disposal site. At-least 7 locations have to be started to become eligible for the COD.
- Though the contract period is for Two (2) years, with mutual consent between the Tender Inviting Authority and Successful Bidder the contract period can be extended and no tender is required from Tender Inviting Authority.
- The bidders are allowed to be provided specifications higher to the minimum provided in the RFP documents for crane as to ensure maximum collection efficiency.