

**VIJAYAWADA MUNICIPAL
CORPORATION**

**Request for Proposal
FOR**

**REMOVING OF SILT FROM SEWER /
UGD LINES IN BETWEEN TWO
MANHOLES WITH WIRE BUCKET
DESILTING MACHINES IN VMC FOR A
PERIOD OF 1 YEAR**

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1. INTRODUCTION:

The Vijayawada Municipal Corporation(VMC) intends to avoid manual scavenging by utilizing Wire Bucket desilting machines for removing of silt between two existing manholes of 30 mtrs distance in Under Ground Drainage in Vijayawada City and invites RFP from Reputed Firms for removing of silt with Wire Bucket desilting machines in VMC.

Now after state bifurcation, Vijayawada becomes the second largest city in Andhra Pradesh and the Vijayawada city got prominent due to announcement as a State Capital. Many VVIPs and foreign delegates are visiting Vijayawada city frequently for development of capital of Andhra Pradesh.

The VMC is spread over an area of 61.88 Sq.Km with a population of around 10.48 Lakhs as per CENSUS-2011. The population was vastly increased due to announcement of Vijayawada as a Capital of Andhra Pradesh. Now, the present population can be estimated as 13.00 lakhs approximately. In VMC majority of the area is covered with Under Ground Drainage system, the distance between two manholes is 30 mtrs and the total no of existing manholes are approximately ----- Nos.

2. HISTORY & CURRENT STATUS:

The Vijayawada Municipal Corporation recently has procured 13 Nos Wire Bucket De-Silting Machine for removing silt from UGD Manhole Lines at all 3 Circles area in VMC. The details of the machines are furnished below.

Sewer Cleaning power bucket machine consisting of each pair, with one JIB type another with truck loader type for backhauling the loaded bucket directly in trailer and front wheel of C.I.Rubber with bearing of Swiveling type 2 nos. with towing handle and two numbers of 6.00 X 16 tyre, tube with heavy duty axle. The machine frame is fixed with wire rope drum and clutch for engaging and disengaging. A hand break is provided for instantly stopping the loaded bucket in operation. Belt lever is also provided for smooth operation. The machine is mounted on 10Bhp (DIN) rating Single Cylinder. @ 2000RPM Kirloskar make air cooled diesel engine with variable speed arrangement and half speed drive.

The machine consisting following accessories.

<i>12mm dia X 19 Const. FMC steel wire rope as per IS-2266</i>	<i>300Mtrs.</i>
<i>6 mm dia X 19 Const. FMC steel wire rope as per IS-2266</i>	<i>150Mtrs.</i>
<i>Slant manhole jack</i>	<i>01 No.</i>
<i>300 mm dia. Roller with frame</i>	<i>01 No.</i>
<i>375 mm dia. Roller with frame</i>	<i>01 No.</i>
<i>Surface Platform with pipe clamps</i>	<i>01 No.</i>
<i>Bulldog grip for 12 mm dia wire rope</i>	<i>06 Nos.</i>

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<i>Bulldog grip for 6 mm dia wire rope</i>	<i>06 Nos.</i>
<i>Swivel Shackle</i>	<i>02 Nos.</i>
<i>'D' Shackles</i>	<i>02 Nos.</i>
<i>Emergency handle</i>	<i>01 No.</i>
<i>Large Hand hook</i>	<i>01 No.</i>
<i>Winch Buckets suitable for 150 mm, 200 mm, 250 mm, 300 mm, 375 mm dia. Pipe size</i>	<i>05 Nos.</i>
<i>Spanner Kit (Medium)</i>	<i>01 No.</i>
<i>Oil Pump</i>	<i>01 No.</i>
<i>Greece Pump</i>	<i>01 No.</i>
<i>Pipe Wrench</i>	<i>01 No.</i>

3. SCOPE OF THE PROJECT:

The firm has to clean the silt from existing manhole lines with wire bucket desilting machine i.e Removing the silt from the two manholes line of distance 30 mtrs with desilting machine for free flow of UGD system with all safety measures & precautions and as per the rules and regulations of labour act for the workers who are involved in this work.

- The firm has to unload the removed silt to the nearest safe point as mentioned by the concerned departmental officer. Further it will be transported to disposal point by firm own arrangements.*
- The firm should maintain operation and maintenance of the Horizontal desilting power bucket machine with proper repairs, servicing's and overhauling's periodically / as and when required including tyres etc., except warranty items.*
- The firm has to maintain register for periodic maintenance and repairs of the Desilting Machine and it should be certified by concerned vehicle depot department officer for smooth running of the machine.*
- The amount will be paid based on the cleaning of one UGD line between two existing manholes of below 450 mm dia and above 500 mm dia and it should be certified by concerned department officer through log book after cleaning the manhole line.*
- 13 Desilting Machines will be allotted for 3 circles. The 13 machines have to work continuously in all 3 circles.*

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- *The firm has to take the responsibility for all unexpected and unfortunate things like damages and accidents of the machine on the roads and any injury / death while doing the work and rectify the problem at their own risk within 24 hours/day, failing which necessary penalty / Action will be initiated.*
- *The firm should attend the cleaning work from downstream to upstream*
- *The firm should be handed over the wire bucket Desilting Machines to VMC without any damage after completion of contract period.*

4. REQUIREMENTS FOR PROCESSING RFP:

1. *The Participants shall submit the implementation plan along with all details of the proposal to be deployed.*
2. *The work should be implemented as per labour act rules with all protective equipment, safety measures and precautions. The firm should submit any related experience certificates from any organizations / equivalent of this type of work.*

5. ELIGIBLE CRITERIA FOR PARTICIPANT IN RFP:

The interested participants should have the following qualifications

- *The participant firm should be a registered firm and should have license*
- *The participant firm should be Income Tax and Commercial Tax prompt payer*
- *Past/Present experience in the similar nature of work/project.*
- *The participant firm should have own protective equipment for workers at work time while removing silt.*
- *The participant firm should be carried out complete work under the supervision of qualified persons.*

6. REP SCHEDULE:

Key Dates and Time Frame as a guideline are the following:

.03.2018 to .03.2018	The RFP document can be download from the website www.ourvmc.org
.04.2018	Pre-bid meeting
.04.2018 at 4.00PM	Last date of receipt of RFP Bid
.04.2018	Date of Technical Bid Evaluation - Part-A
.04.2018	Date of Financial Bid Evaluation – Part - B
Period of contract	12-Months

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7. SECURITY DEPOSITS:

The security deposit and liability will be finalized at the time pre-bid meeting

8. TECHNICAL PROPOSAL – PART(A):

The participant firm should submit the following attested documents for evaluating the Technical bid in the sealed cover writing the project title and PART-A, Name & Address of the firm.

1. Copy of Registration Firm attested by the Gazetted Officer
2. Copies of Experience Certificates by the Gazetted Officer
3. Copy of Annual Turn-over of the firm from last 5 years by the Authorised Chartered Accountant.
4. List of protective equipment's with self signed by the firm official.
5. List of all qualified Management / Operational staff proposed to be deployed at the site along with qualification certificates with self signed by the firm official.
6. Copy of License for factories / labour

9. FINANCIAL PROPOSAL –PART (B)

FORMAT FOR PART (B)

To
The Commissioner,
Municipal Corporation,
Vijayawada,

Respected sir,

The Bid Document for Request for proposal for “REMOVING OF SILT FROM SEWER / UGD LINES IN BETWEEN TWO MANHOLES WITH WIRE BUCKET DESILTING MACHINES IN VMC FOR A PERIOD OF 1 YEAR” is hereby studied perfectly by me and well understood about the project. I am hereby confirmed the below values and I agree to take up the project as per the terms and conditions of the Vijayawada Municipal Corporation.

Sl. No.	Period	Amount required for Removing of silt from SEWER/ UGD lines in between two Manholes by using required Operator, helpers and Supervisor with VMC Machine and HSD Oil at specified quantity) (Rate per Cleaning 1 UGD line between two existing manholes)
1	12 Months	A) Rs. ____/- cleaning of one UCD/SEWER Line between two manholes for sewer line dia up to 450 mm dia line B) Rs. ____/- cleaning of one UCD/SEWER Line between two manholes for sewer line dia form 500 mm dia and above _____

Signature of the Participant Firm