

# **BRIHANMUMBAI MUNICIPAL CORPORATION**

## **Environment Deptt.**

**Sub:** Supply of battery operated suction machines & its operation & maintenance for the period of 5 years

**Ref:** Tender Id No. 2024\_MCGM\_1086306.

### **Minutes of Pre Bid meeting**

With reference to above subject, the Pre- Bid meeting is held on 23.09.2024 at the office of D.M.C (Env. & CC), 6<sup>th</sup> floor, Municipal head office, Fort, Mumbai 400001.

The following representatives of prospective bidders were present for the meeting:-

<b>Sr.No.</b>	<b>Name of the Representative/Authorized Person</b>	<b>Name of the Company</b>
1	Shrikant Khandekar	M/s. Antony Motors Pvt. Ltd.
2	Sanjay Bhamkar Mahesh Pathak	M/s. Cosmic Healers Pvt. Ltd.
3	Vinayak Dhome	M/s. Khandeshwar Towing
4	Aumkar Phatak	M/s. Pamtec Enviro System
5	Vibhav Shah	M/s. MAK Envirotech & Solution (India) Pvt. Ltd.
6	Suraj Gupta	M/s. Anshuman & Company

The issues & the reply to the queries on the various points those were raised by the prospective bidders orally as well as in writing in respect of the tender documents were satisfactorily complied in the meeting.

The queries of the letter submitted by the prospective bidders and clarification thereof are as follows:

<b>Sr. No</b>	<b>Question/ Issues raised</b>	<b>Name of the company raising the issue</b>	<b>Tender Clause</b>	<b>Remarks</b>
1.	The battery-operated suction machines to be used in this contract will be the property of BMC. The parking space required for parking	M/s. MAK Envirotech & Solution (India) Pvt. Ltd.	Section 7 > Scope of work > Maintenance 8 The arrangement for parking space after completion of the shift work shall be arranged by the	Please refer to corrigendum-II

	<p>battery operated shall be provided by the BMC. BMC is therefore requested to give the parking space which is properly secured. (i.e., The premises shall have compound wall and 24 hrs security persons.)</p>		<p>contractor.</p>	
2	<p>As per clause no.6 under B) operation and maintenance of battery-operated suction machines- Operations on page 43 it is stated that “The contractor shall provide one semi-skilled Operator having valid Driving License and one labour along with the machine.” It is to be stated here that the battery-operated suction machine is an equipment which deployed on the road by the operator which do not requires RTO registration. It is operated by a semiskilled operator for whom driving license is not required as stated by the manufacturer. You are therefore requested to modify this clause accordingly.</p>	<p>M/s. MAK Envirotech &amp; Solution (India) Pvt. Ltd.</p>	<p>Section 7 &gt; Scope of work &gt; Operation and maintenance of battery operated suction machine - Operation The contractor shall provide one semi-skilled Operator having valid Driving License and one labour along with the machine.</p>	<p><b>No change Tender condition prevails</b></p>

3	As per clause no.5 under B) operation and maintenance of battery-operated suction machines- Operations on page 43 it is stated that “The machines shall be operated for about 275 days in a year as per requirement. Kindly clarify how 275 days working days as it will be helpful to derive cost and for planning purpose.	M/s. MAK Envirotech & Solution (India) Pvt. Ltd.	Section 7 > Scope of work > Operation and maintenance of battery operated suction machine - Operation The machines shall be operated for about 275 days in a year as per requirement.	275 working days are determined by excluding 3 months i.e. 90 days during monsoon period  (365 – 90 = 275 days.)
4	The operation of the machines requires water. You are requested to give the source of water in each ward to fill up the tanks of the machines.	M/s. MAK Envirotech & Solution (India) Pvt. Ltd.	Section 7 > Scope of work > Maintenance 8. However, maintenance space and water facilities for operation & maintenance of these battery-operated suction machines shall be arranged by the contractor, as and when required.	The source of water in each ward shall be informed to the contractor by the BMC staff.  <b>No change</b>  <b>Tender condition prevails</b>
5	These machines are battery operated which requires the charging arrangement.	M/s. MAK Envirotech & Solution (India) Pvt. Ltd.	Section 7 > Scope of work > Maintenance 8. Electricity required for charging of the batteries shall be provided by BMC free of cost.	<b>No change</b>  <b>Tender condition prevails</b>
6	These machines will be operated on the road. In case of any major damages to machine, it may be off the road for number of days. Sometime will be required to	M/s. MAK Envirotech & Solution (India) Pvt. Ltd.	-	Please referred to corrigendum-II

	repair the machines and put on road. In such instance of major breakdown penalty shall not be levied.			
7	In case of emergency or special events in the wards if machines are required to be shifted any where outside the ward boundary then sufficient charging arrangement for the battery-operated suction machines shall be provided and . Moreover, the travelling time required to report site shall be considered as a working hours.	M/s. MAK Envirotech & Solution (India) Pvt. Ltd.	Section 7 > Scope of work > Maintenance 8. Electricity required for charging of the batteries shall be provided by BMC free of cost.	<b>No change</b>  <b>Tender condition prevails</b>
8	Please consider 10% Escalation on maintenance cost every year	M/s. Antony Motors Pvt. Ltd.	Section 8 > Bill of Quantities 5% escalation on 2 <sup>nd</sup> year maintenance cost quoted shall be admissible and payable for 3 <sup>rd</sup> year maintenance	<b>No change</b>  <b>Tender condition prevails</b>
9	Please clarify 9 months delivery period is given for the total tender quantity or for each slice quantity.  Please provide 9months delivery period for each slice	M/s. Antony Motors Pvt. Ltd.	Section 8 > Bill of Quantities The tenderers shall quote for any one slice or any of the two slices or all the three slices. However, one tenderer shall be allotted work for only one slice.	Delivery period of 9 months is for each slice  <b>No change</b>  <b>Tender condition prevails</b>

10	<p>Please consider a standard +</p> <p>.0 warranty period of 12months instead of guarantee wherein warranty shall be applicable on manufacturing defects only. Accidental damage shall not be considered.</p>	M/s. Antony Motors Pvt. Ltd.	Section 7 > Scope of work > Maintenance > B. Guarantee :	<p>To be read as B. Warranty</p> <p>Please refer to corrigendum-II</p>
11	<p>On page no: 53 point no: v) it is mentioned as Parking and electricity required for the machine will be provided by BMC.</p> <p>On Page no.52 Machine will be allowed to park in respective wards or any other designated parking place identified by the BMC.</p> <p>Request you to please consider parking space in the scope of BMC with 24 Hr. security.</p>	M/s. Antony Motors Pvt. Ltd.	Section 7 > Scope of work > Maintenance 8 The arrangement for parking space after completion of the shift work shall be arranged by the contractor.	Please refer corrigendum-II
12	Please clarify whether insurance is applicable or exempted for BMC.	M/s. Antony Motors Pvt. Ltd.	<p>Section 7 &gt; Scope of work &gt; Maintenance &gt; <b><u>E. Insurance &amp; taxes related compliance :-</u></b></p> <p>All the work &amp; expenditure towards insurance related &amp; taxes compliance during the entire contract period</p>	<p>Insurance is applicable.</p> <p><b>No change</b></p> <p><b>Tender condition prevails</b></p>

			should be borne by the contractor.	
13	As per OEM and RTO norms Registration of these machines are not required. Thus, a semi-skilled operator without Driving License can also operate the same and hence request you to please modify the Clause accordingly.	M/s. Antony Motors Pvt. Ltd.	Section 7 > Scope of work > Operation and maintenance of battery operated suction machine Operation The contractor shall provide one semi-skilled Operator having valid Driving License and one labour along with the machine.	<b>No change</b> <b>Tender condition prevails</b>
14	Please confirm the source of water in each ward for smooth operation of the same	M/s. Antony Motors Pvt. Ltd.	Section 7 > Scope of work > Maintenance 8. However, maintenance space and water facilities for operation & maintenance of these battery-operated suction machines shall be arranged by the contractor, as and when required.	The source of water in each ward shall be informed to the contractor by the BMC staff. <b>No change</b> <b>Tender condition prevails</b>
15	Request you to please consider Major Breakdown of Vehicles as exemption for this clause as these vehicles shall be operating on Road can meet with accident-causing major damage leading to major breakdown of the same.  In case of such major breakdown of the vehicle the authorized spare parts price list should be	M/s. Antony Motors Pvt. Ltd.	Section 7 > Scope of work > Maintenance 8. The cost towards the same shall be considered at the time of bidding. No separate payment will be made for the same.	No separate payment shall be made. The maintenance cost shall include major breakdown as well as accidental damage cost.  <b>No change</b> <b>Tender condition</b>

	submitted along with Tender.			<b>prevails.</b>
16	Please consider Cost of Shifting in scope of BMC of already placed machine at designated sites given by BMC to other sites if required at any point of time.	M/s. Antony Motors Pvt. Ltd.	-	The rates quoted shall be inclusive of all.  No separate shifting charges shall be payable.
17	<b>EMD Requirement Rs. 46.13 Lacs</b> The department has approved an Earnest Money Deposit (EMD) of ₹46.13 lakhs, which appears to be the overall budget for the bidder. We kindly request that this amount may be accepted as a Bank Guarantee for the EMD. Additionally, we ask that this condition be made available on the online tender portal, as it currently prevents bidders from proceeding without the EMD payment.	M/s. Cosmic Healers Pvt. Ltd.	Section 1 > E-Tender Notice > EMD – Rs. 46,13,000/-	<b>No change</b>  <b>Tender condition prevails.</b>
18	<b>Page no. 20-39: Litigation History</b> Disclosure of litigation history could be advantageous to competitors within the same industry. Therefore, we request that the department provide an undertaking confirming that we have no litigation		Section 6 > Instructions to applicants > Packet 'B' > j Details of litigation history The bidder shall disclose the litigation history in Packet 'B' under the head – Details of Litigation History.	<b>No change</b>  <b>Tender condition prevails.</b>

	history with BMC or any department of the Municipal Government.			
19	<p><b>Page no. 43 B) Operation &amp; Maintenance of Battery –operated suction machine. Point No. 6</b></p> <p>As the tender if battery operated machine which are slow mover machine which don't require Driving licence. Hence operator with driving licence is irrelevant. Please amend the clause.</p>	M/s. Cosmic Healers Pvt. Ltd.	Section 7 > Scope of work > Operation and maintenance of battery operated suction machine Operation The contractor shall provide one semi-skilled Operator having valid Driving License and one labour along with the machine.	<b>No change Tender condition prevails</b>
20	<p>Suction Power of the machine</p> <p>The suction power of the machine should be specified in the tender, as it is a critical parameter for assessing the machine's performance. As the Department has requested for the wander hose.</p>	M/s. Cosmic Healers Pvt. Ltd.		Please refer to Corrigendum-II
21	<p><b>Make in India Preference</b> The department should consider and make the 'Make in India' preference as per Public Procurement (Preference India) Order, 2017 – revised dated 16th September 2022, Number – II.</p>	M/s. Cosmic Healers Pvt. Ltd.		<b>No change Tender condition prevails.</b>



22	<p><b>Bid Sheet</b></p> <p>The existing Bid sheet uploaded by the department may have a technical issue, as the sub total is not being calculated. We kindly request that the bid sheet be updated to address this problem.</p>	M/s. Cosmic Healers Pvt. Ltd.	Section-8 > Bill of Quantities	The actual rate to be filled online in price bid. Evaluation will be done on the basis of total combined cost worked out for Supply and 5 years operation & maintenance of battery operated suction machines
24	<p>As the operation is not influenced by the operator's position (whether at the front or back), we kindly request an amendment to specify “walk-along and ride-on” instead of “walk-behind.” Operating the machine from the rear position makes it more functional in both manners.</p>	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features- Type of Movement- Ride-On cum Walk Behind (Both)	<b>No change</b> <b>Tender condition prevails.</b>
25	<p>Since the tender is for battery-operated suction machines, the mechanical component is irrelevant. We request changing the requirement from “Mechanical” to just “Vacuum” technology to align with available market technology and the tender's scope.</p>	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features- Waste collection technique - Mechanical and vacuum	<b>No change</b> <b>Tender condition prevails.</b>

26	Machines with 48V lithium-ion batteries are the latest in the market and represent an upgraded version. We require the authority to amend the battery specification to 48V to reflect current advancements and better performance.	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features- Supply - Battery 24 V	Please refer to Corrigendum-II
27	Battery amperage is generally matched to the voltage. The voltage requirement of the tender has been set at 24V. Hence, we request that the authority consider the battery based on its parameters.	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features- Battery Ampere (AH)- 250 AH	Please refer to Corrigendum-II
28	Based on the market survey, some machines offer the sweeping feature with 2 brushes while others with 4. We kindly request the department to consider reducing the minimum requirement of 3 brushes to 2 for better machine performance.	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features- Number of Brushes & Material- At least 3 Nos. & Material- Polypropylene & Steel (Hybrid)	<b>No change Tender condition prevails.</b>
29	Given that Indian litter tends to be voluminous, we request the department to specify a minimum requirement of 140 liters, as machines with higher hopper capacities are readily available in the market. A machine with a capacity of 130 liters will fill up quickly.	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features-Hopper capacity (trolley storage capacity)- 130 to 140 Ltrs.	<b>No change Tender condition prevails.</b>
30	We kindly request the department to specify the	M/s. Cosmic Healers Pvt.		Please refer to Corrigendum-II

	<p>required pressure for wand hose. Alternatively, if the machine is intended for sweeping and not for wet work, it can be omitted.</p> <p>Given the applications, the department may consider this feature as</p> <p>optional and not necessary.</p>	Ltd.		
31	<p>We kindly request the department to also allow the fixed standing/sitting option as these configurations offer similar quality, and some machines have fixed seating and promote better competition.</p>	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features Operator's trolley - Min 2 wheels	<b>No change Tender condition prevails.</b>
32	<p>We kindly request the department to remove the clause to alter battery sizes very accordingly, as battery size standards are logical since the battery is the main powerhouse required to run the machine for 8 hours, as per the specifications, and the department has already outlined the machine's dimensions, this clause may not be necessary.</p>	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine > Features- Battery compartment dimensions- Approx. 580x450x450	<b>Please refer to Corrigendum-II</b>
33	<p>Given the increased durability, quality of materials, and necessary enhancements, scaling</p>	M/s. Cosmic Healers Pvt. Ltd.	Section-7> Scope of work > A) Supply of battery operated Suction machine >	<b>Please refer to Corrigendum-II</b>

	beyond the current requirement can affect both user and efficiency. Furthermore, a slightly heavier construction may be necessary due to the demanding parameters.		Features- Weight (without batteries)- 350 kg Maximum	
34	<p>Width-As the requested sweeping width 1350 mm and maximum dimension mentioned in the NIT is 1300 mm, Department is requested to amend the same.</p> <p>Length- Also, there are other machines which are available with the minimum deviations like 5% of length, department is requested to kindly amend the same.</p> <p><b>Height</b> - Some machines could operate in a standing position, which might increase the overall height of the machine. If it does not affect the operation of the machine, the department is requested to amend the same and should allow the machine within the range of 2000 mm in height.</p>	M/s. Cosmic Healers Pvt. Ltd.	<p>Section-7&gt; Scope of work &gt; A) Supply of battery operated Suction machine &gt; Features- Dimensions (L x W x H)- Max 2000x1300x1200 mm</p>	Please refer to Corrigendum-II
35	We also kindly request	M/s. Cosmic	Section-7> Scope of	Please refer to

	the department to allow fixed standing/sitting options, as these configurations offer similar quality, and some machines have fixed seating and promote better competition.	Healers Pvt. Ltd.	work > A) Supply of battery operated Suction machine > Features- Foldable & detachable seat- Yes	Corrigendum-II
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The meeting then concluded with vote of thanks to the chair.

Sd/-  
E. E. (Env.)

Sd/-  
D.M.C. (Env. & CC)