

BRIHANMUMBAI MUNICIPAL CORPORATION

Dy.Ch.E./O&M/ 4712 /SWD Dtd.11.11.2025

Minutes of Pre-bid Meeting

Sub.: "Supply, Operation & Comprehensive Maintenance of Various Capacities Vehicle Mounted High Capacity Suction and Jetting Machines with Filtration, Recycling & Dewatering facility for cleaning storm water drains at Mumbai City, Eastern Suburbs & Western Suburbs of Storm Water Drain Department."

Ref.: (eT- 31) of 2025-26 Tender ID - 2025_MCGM_1234389_1

The pre-bid meeting in respect of the above mentioned works was held on 04.11.2025 at 3.30 pm under the chairmanship of D.M.C.(Infra). The meeting was attended by office staff of Dy.Ch.E.(O&M)S.W.D and prospective bidders along with their representatives.

At the outset Dy.Ch.E.(O&M)SWD explained the nature of the work for the above tender that the work is pertaining to the Tender under reference is regarding Supply, Operation & Comprehensive Maintenance of Various Capacities Vehicle Mounted High Capacity Suction and Jetting Machines with Filtration, Recycling & Dewatering facility for cleaning storm water drains at Mumbai City & Eastern Suburbs & Western Suburbs of Storm Water Drain Department.

Meanwhile the clarifications in respect of various points raised and discussed in the meeting are as under:-

Sr. No.	Name of Company/ Tenderer	Points raised by Tenderers	Present description in tender	Decision taken
1	M/s. TPS Infrastructure Ltd.	1. Please appreciate that Dewatering Pump is an additional feature required in the machine, therefore for the purpose of evaluation "as per tender technical specification" dewatering system to be relaxed for qualification also the minimum GVW of the vehicle to be Considered as the tank capacity varies +/- 5% as per different client's specifications/ requirement.	Technical Capacity, Page No. 9, Para a The Bidder shall be manufacturer or Authorized dealer or Service Provider of Each type of Vehicle Mounted High-Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per this tender technical specification of each vehicle category. The bidder shall have experience of providing minimum 03 Nos. each of the three types of machines as per this tender technical specification in at least one of the last 7 years and the said machines should have completed operation & maintenance for a continuous period of at least 3 years during last 7 years.	Experience of Each type of Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility without Dewatering Pump facility will be accepted as experience. For qualification minimum GVW of the vehicle will be considered with permissible tank capacity variation of +/- 10% of the tender specified capacities. Remaining Tender condition prevails.
		2. Please appreciate that Dewatering Pump is an additional feature required in the machine, therefore for the purpose of evaluation "as per tender technical specification" dewatering system to be relaxed for qualification also the minimum GVW of the vehicle to be considered as the tank capacity varies +/- 5% as per different client's specifications/requirement.	Technical Capacity, Page No. 9, Para a a) The Bidder shall be manufacturer or Authorized dealer or Service Provider of Each type of Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per this tender technical specification of each vehicle category. The bidder shall have experience of providing	Tender condition prevails.

		<p>We also request that the condition requiring the said machines to have completed operation and maintenance for a continuous period of at least three (3) years be relaxed, and that performance certificates for satisfactory operation for any period from end users be accepted for qualification.</p>	<p>minimum 03 Nos. each of the three types of machines as per this tender technical specification in at least one of the last 7 years and the said machines should have completed operation & maintenance for a continuous period of at least 3 years during last 7 years.</p> <p>b) If the bidder is authorized dealer of the manufacturer, he shall submit the letter of Authorization from the manufacturer of the Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per the Proforma given in tender document and also shall submit the "Memorandum of Understanding (MOU)" between manufacturer (Who has manufactured and supplied minimum 03 Nos. of each vehicle category of the three types of machines as per this tender technical specification in at least one of the last 7 years and the said machines should have completed operation & maintenance for a continuous period of at least 3 years during last 7 years and shall fulfil this tender eligibility criteria regarding experience of manufacturer).</p>	
		<p>3. Please appreciate that the Vehicle Chassis Engine Power available in the Indian Market for the subject requirement is only available in 100 ~ 125 HP. Therefore, the subject requirement may be amended as under:-</p>	<p>Technical Specification, Page No. 128 Para 3.3.3 Engine</p> <p>The engine of the vehicle shall be diesel engine developing the power of minimum 170 HP to run the Unit. The vehicle chassis shall have</p>	<p>Section 10.0 - GENERAL & TECHNICAL SPECIFICATIONS</p> <p>No. 128 Para 3.3.3</p> <p>Engine:-</p> <p>The engine of the vehicle shall be diesel engine developing the power of minimum 98 HP to run the Unit. The vehicle chassis shall have standard necessary accessories like clutch, gear box, power steering, Anti-</p>

		<p>The engine of the vehicle shall be diesel engine developing the power of minimum 100 HP to run the Unit. The vehicle chassis shall have standard necessary accessories like clutch, gear box, power steering, Anti-lock Braking System, suitable chassis frame, fuel tank, fuel filter. The diesel engine shall have all standard protections which are required in the satisfactory operation and performance of the machine.</p>	<p>standard necessary accessories like clutch, gear box, power steering, Antilock Braking System, suitable chassis frame, fuel tank, fuel filter. The diesel engine shall have all standard protections which are required in the satisfactory operation and performance of the machine.</p>	<p>lock Braking System, suitable chassis frame, fuel tank, fuel filter. The diesel engine shall have all standard protections which are required in the satisfactory operation and performance of the machine.</p>
		<p>4. "There shall be provision to adjust operating flow from 0–250 lpm and pressure from 0–150 bar independently."</p> <p>This clause appears under the Jetting Pump requirement. On assessment, it is not applicable/corresponding to the Jetting Pump specification and seems to have been included inadvertently. To avoid ambiguity in bid evaluation and equipment compliance, we respectfully request that the quoted clause be deleted from the Jetting Pump requirement and the tender specifications be amended accordingly.</p>	<p>Technical Specification, Page No. 129 Para 3.3.7 Jetting System</p> <p>The jetting system shall comprise of high-pressure pump of suitable type to generate high pressure water jets of filtered storm water with parameters of minimum 80 liters / min @ 120 bar in Jetting mode. The high pressure jetting system shall be driven through PTO. The power calculations to drive high pressure jetting system shall be submitted along with Packet 'B'. There shall be provision to adjust operating flow from 0-250 lpm and pressure from 0-150 bar independently.</p>	<p>Section 10.0 - GENERAL & TECHNICAL SPECIFICATIONS</p> <p>No. 129 Para 3.3.7</p> <p>Jetting System:-</p> <p>The jetting system shall comprise of high-pressure pump of suitable type to generate high pressure water jets of filtered storm water with parameters of minimum 80 liters / min @ 120 bar in Jetting mode. The high-pressure jetting system shall be driven through PTO. The power calculations to drive high pressure jetting system shall be submitted along with Packet 'B'. There shall be provision to adjust operating flow from 0–250 lpm and pressure from 0–150 bar independently.</p>

2	M/s. Metro Waste Handling Pct. Ltd.	<p>1. The Requirement of Dewatering Pumps in Vehicle Mounted High-Capacity Suction Cum Jetting Machine with Water Filtration & Recycling Facility has been desired for the first time not only by BMC but also all over India.</p> <p>We are one of the largest supplier and service providers for Vehicle Mounted High-Capacity Suction Cum Jetting Machine with Water Filtration & Recycling Facility.</p> <p>Will BMC consider the experience of Each type of Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility without Dewatering Pump for evaluation the experience.</p>	<p>Technical Capability : Section 6, Instructions to Applicants, Clause 6.2</p> <p>The Bidder shall be manufacturer or Authorized dealer or Service Provider of Each type of Vehicle Mounted High-Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per this tender technical specification of each vehicle category. The bidder shall have experience of providing minimum 03 Nos. each of the three types of machines as per this tender technical specification in at least one of the last 7 years and the said machines should have completed operation & maintenance for a continuous period of at least 3 years during last 7 years.</p>	Experience of Each type of Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility without Dewatering Pump facility will be accepted as experience.
		2. Kindly confirm if the bidder has experience of similar machines matching the tank capacity as per tender, would that suffice.	<p>Technical Capability : Section 6, Instructions to Applicants, Clause 6.2</p> <p>The Bidder shall be manufacturer or Authorized dealer or Service Provider of Each type of Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per this tender technical specification of each vehicle category.</p>	Tender condition prevails.
		3. We request the BMC to please inform in case the Bid Capacity of the Bidder is Negative, will BMC accept the bid for that particular bidder.	<p>3. Bid Capacity Section 6 Clause D</p> <p>The bid capacity of the prospective bidders will be calculated as under: Assessed Available Bid Capacity = (A* N* 2 – B)</p>	Tender condition prevails. Negative Bid Capacity will not be accepted.
		4. Request to please clarify, in case the bidder has delayed the work of	4. PROFORMA VI/A Details of Ongoing and Existing	Tender condition prevails.

		existing works beyond its original stipulated work, will BMC accept the bid for that particular bidder.	Commitments	PROFORMA VI/A Details of Ongoing and Existing Commitments.
		<p>5.</p> <p>a. Kindly Confirm who will be the lead member as definition of the bidder have already defined (The Bidder shall be manufacturer or Authorized dealer or Service Provider</p> <p>b. Kindly confirm under which category the present project is classified — i.e., whether it falls under a single discipline work (such as purely Civil, purely Electrical, or purely M&E) or a composite work (involving multiple distinct components such as Civil + Electrical + Mechanical, etc.), as per BMC Standard Bidding Document (SBD) classification for category and Joint venture clause.</p> <p>c. "In Case of Single work the Lead member of the JV firm shall meet at least 35% requirement of technical capacity as stipulated in tender document."</p> <p>OR</p> <p>"In case of composite works (e.g. works involving more than one distinct component such as Civil Engineering works, M&E works, Electrical works, etc.), at least one member should have satisfactorily completed 35% of the value of any</p>	<p>G.C.C. Clause No. 83 (P) Credentials & Qualifying criteria:</p> <p>Technical and financial eligibility of the JV firm shall be adjudged based on satisfactory fulfillment of the following criteria:</p> <p>Technical eligibility criteria: In case of Work involving single discipline, the Lead member of the JV firm shall meet at least 35% requirement of technical capacity as stipulated in tender document.</p> <p>OR</p> <p>In case of composite works (e.g. works involving more than one distinct component such as Civil Engineering works, M&E works, Electrical works, etc. and in the case of major bridges, substructure and superstructure etc.), at least one member should have satisfactorily completed 35% of the value of any one component of the project work so as to cover all the components of project work or any member having satisfactorily completed 35% of the value of work of each component during last seven financial years.</p> <p>In such cases, what constitutes a component in a composite work shall be clearly defined as part of the tender condition without any ambiguity.</p>	Tender condition prevails.

	<p>one component of the project work so as to cover all the components of project work...”</p> <p>Please Clarify</p> <p>1.Whether the “technical capacity” refers to similar nature work experience, annual turnover, or specific technical qualification/credential as defined under the technical eligibility section</p> <p>2.Will the bidder/ bids of JV will be qualified i.e (the Lead Member complies independently and fulfill the 35% technical requirement .</p> <p>3.Whether this 35% threshold is minimum and mandatory, or subject to modification in tender-specific conditions. Request for sharing the SBD Norms in the tender document.</p>	<p>Financial eligibility criteria: The contractual payments received by the JV firm or the arithmetic sum of contractual payments received by all the members of JV firm in any one of the previous three financial years and shall be at least 100% of the estimated value of the work as mentioned in the tender.</p>	
	<p>6. Request BMC to Link the price variation with the Price variation Formula as per Standard Bid Document of BMC as the wages and fuel costs are controlled by the government.</p>	<p>Financial Implication Clause</p> <p>a. Price Variation for Minimum Wages & Fuel</p>	<p>Tender condition prevails.</p>
	<p>7. We request to consider scenario in case any changes in Emission Norms/ Standard related of the Chassis shall be linked for delivery.</p> <p>Request such scenarios for the delay in deliveries of the chassis due to changes in Government Norms shall be treated as non-working days and same shall be considered.</p>	<p>Delivery: Delivery is 12 Months from date of LOA</p>	<p>Tender condition prevails.</p>
	<p>8. Would you allow Bidders whose parent & associate companies have been blacklisted/ debarred/ terminated of contract by any</p>	<p>General Conditions : Blacklisting</p>	<p>Tender condition prevails.</p> <p>UNDERTAKING FOR BLACKLISTING at pg no. 175 of tender document.</p>

		Government Authority / ULB, to Bid?		
		9. Would you allow Bidders whose parent & associate companies are insolvent, in receivership, bankrupt or being wound up, or are defaulters to any Financial Institution to bid?	General Conditions	Tender condition prevails. Proforma V at pg. no. 33 and 179
		10. In case the bidder has executed eligible project in SPV (as certain project require formation SPV) can bidder use the experience of SPV.	—	SPV experience will be acceptable for similar type of vehicles if it fulfills tender PQC conditions & same shall be demonstrated with documentary evidence by the bidder.
3	M/s. Aryan Pumps & Enviro Solutions Private Limited	<p>1. Kindly allow past experience of providing minimum 01 No. Vehicle Mounted High-Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility of any type/ technology and as per tender or higher capacity as following: "The manufacturer of subject machine being offered should have manufactured & supplied at least one Vehicle Mounted High-Capacity Suction & Jetting Machine with Sewage/Storm Water Filtration & Recycling System on outright sale directly in their own name or through authorized dealer in last 07 years ending last day of month previous to the due date of the tender. The said supplied Vehicle Mounted High-Capacity Suction & Jetting Machine with Sewage/Storm Water Filtration & Recycling System should have satisfactorily completed minimum 01 year of Operation & Maintenance for sewer / storm water drain cleaning at any Municipal body</p>	<p>Page No. 9, Clause A(a) The Bidder shall be manufacturer or Authorized dealer or Service Provider of Each type of Vehicle Mounted High-Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per this tender technical specification of each vehicle category. The bidder shall have experience of providing minimum 03 Nos. each of the three types of machines as per this tender technical specification in at least one of the last 7 years and the said machines should have completed operation & maintenance for a continuous period of at least 3 years during last 7 years.</p>	Tender condition prevails.

		/ Govt. / Semi Govt. Authority in India."		
		<p>2.</p> <p>a. Whether Manufacturer and Authorized dealer both can participate in tender as competitor.? Please confirm.</p> <p>b. Whether Manufacturer can claim the past experience of private service provider/ authorized dealer (who has supplied/ providing services of Vehicle Mounted High-Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility) and participate in tender.? Please confirm.</p> <p>c. As it is Supply tender, the experience shall be of outright sale directly to Govt./ Semi Govt. and not hiring. Please clarify.</p>	<p>Page No. 9, Clause A(b)</p> <p>If the bidder is authorized dealer of the manufacturer, he shall submit the letter of Authorization from the manufacturer of the Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per the Proforma given in tender document and also shall submit the "Memorandum of Understanding (MOU)" between manufacturer (Who has manufactured and supplied minimum 03 Nos. of each vehicle category of the three types of machines as per this tender technical specification in at least one of the last 7 years and the said machines should have completed operation & maintenance for a continuous period of at least 3 years during last 7 years and shall fulfil this tender eligibility criteria regarding experience of manufacturer).</p>	Tender condition prevails.
		<p>1. Kindly request to ask separate past experience for "Supply" and "Operation & Maintenance" respectively on respective estimated costs similar to previous tenders invited by this department in past.</p> <p>2. Kindly split the tender into three sections namely City, Eastern Suburb and Western Suburb Section respectively similar to previous tenders invited by this department in past.</p> <p>3. There shall be provision for split the quantities and conclude parallel contracts with more than</p>	<p>3. Page No. 9, Clause A(c)</p> <p>The Bidder should have successfully completed/ on-going "Similar Works" during the last seven (7) years ending last day of month previous to the one in which the bids are invited for similar nature of work as mentioned below,</p> <p>1) Three similar completed works each of value not less than value equal to Rs. 36.01 Cr.</p> <p>OR</p> <p>2) Two similar completed works each of value not less than value equal to Rs. 45.01 Cr.</p> <p>OR</p>	Tender condition prevails.

		<p>one bidder.</p> <p>"The Authority reserves the right to split the quantities and conclude Parallel contracts with more than one bidder for the same Schedule/ Goods of this tender. The procedure for negotiation and counter-offering for concluding parallel rate contracts would be as follows.</p> <p>The preference ratio of 70:30 or 50:30:20 shall be used for splitting of quantities or any suitable ratio as per the requirement of the competent authority."</p>	<p>3) One similar completed works each of value not less than value equal to Rs. 72.02 Cr.</p> <p>(Note - Combine value of supply and O&M / Hire and O&M will be considered.)</p> <p>The Bidder shall submit the certificate of satisfactory supply of said work from the user, failing which their offer shall be treated as non-responsive and their Packet "C" shall not be opened. The value of executed works shall be brought to current costing level by enhancing the actual value of work at compound rate of 10 % per annum; calculated from the date of completion to last date of receipt of applications for tenders.</p>	
		<p>4. Kindly consider the value or Mechanical Engineering works in place of Civil Engineering works.</p>	<p>Page No. 25, D) Bid Capacity</p> <p>A = Maximum value of Civil Engineering works executed in any one year (year means financial year) during the last five years (updated to the price level of the Financial year in which bids are received at a rate of 10% per year) taking into account the completed as well as works in progress.</p>	<p>Section – 6, Instructions to Applicants</p> <p>D) Bid Capacity:</p> <p>The bid capacity of the prospective bidders will be calculated as under: Assessed Available Bid Capacity = $(A * N * 2 - B)$</p> <p>Where,</p> <p>A = Maximum value of Mechanical Engineering works executed in any one year (year means Financial year) during the last five years (updated to the price level of the Financial year in which bids are received at a rate of 10% per year) taking into account the completed as well as works in progress.</p> <p>N = Number of years prescribed for completion of the Project/Works, excluding monsoon period, for which these bids are being invited. (E.g. 7 months = 7/12 year) For every intervening monsoon 0.33 shall be added to N. (N = 12/12 years = 1 for this tender.)</p> <p>B = Value of existing commitments (only allotted works) on the last date of submission of bids as per bidding document and on-going works to be completed during the period of completion of the Project/Works for which these bids are being invited.</p>

		<p>5. Kindly allow Vacuum pump, jetting pump, power take off, jetting nozzle, suction/ jetting hose of:</p> <p>1. Indigenous Make</p> <p>Any design/ Type / technology as per OEM standard which delivers desired output as specified in tender (similar to previous tenders invited by this department)</p>	<p>Page No. 112, Clause 3.1.5, Power Take-off Unit (P.T.O.) (Make PZB or equivalent):-</p> <p>Page No. 113, Clause 3.1.7 Jetting System</p> <p>The jetting system shall comprise of high-pressure Triplex Plunger reciprocating Type Jetting pump to generate high pressure water jets with following parameters in Jetting Mode: 390 LPM @ 150 bar. The high pressure jetting pump shall use filtered water from the suctioned sewage + water sucked by the high capacity suction system, after filtering the same. The particle size in the filtered water will not be more than 200 microns, which is safe for being used for high pressure jetting application inside the sewer pipelines. The jetting pump shall be driven mechanically through the drive line PTO and mounted suitably on vehicle chassis.</p> <p>The jetting system shall comprise of high-pressure pump of suitable type to generate high pressure water jets of filtered storm water with parameters of minimum 390 LPM @ 150 bar in Jetting mode. Suitable drive arrangement shall be made for High-Pressure jetting pump. The power calculations to drive high pressure jetting system shall be submitted along with Packet "B". The high-pressure pump shall use storm water sucked by the high capacity suction system after filtering the same to desired level of filtration required to run the high-pressure pump.</p> <p>Page No. 114, Clause 3.1.9</p>	<p>Tender condition prevails.</p>
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			<p>Auxiliary Engine Driven High Capacity Suction System Vacuum pump</p> <p>The Vacuum Pump System incorporates an Air-cooled Positive Displacement Vacuum Pump developing an air handling capacity of minimum 6000 M3/Hr. capable of achieving vacuum up to 8000 MM WG (water column) during suction. This vacuum pump is driven by a separate diesel engine mounted with the machine skid. The entire assembly is mounted on a frame with vibration dampeners. The power calculations of Auxiliary Engine to drive suction system shall be submitted along with Packet "B".</p> <p><u>Technical Details of Vacuum Pump</u></p> <p>Type :Tri-Lobe Roots Type Positive Displacement</p> <p>Vacuum Pump</p> <p>Cooling Arrangement :Air cooled</p> <p>Air Handling Capacity : 6000 M3/Hr.</p> <p>DaPa</p> <p>Maximum Vacuum : 80% Vacuum</p> <p>Make :JUROP/HIBBON</p> <p>Page No. 117, Clause 3.1.15</p> <p>Jetting Nozzles:European/American make</p> <p>Page No. 122, Clause 3.2.7, Jetting System</p> <p>The jetting system shall comprise of high-pressure triplex plunger type Jetting Pump to generate high pressure water jets of minimum 250 liters / min @ 150 bar. The high pressure jetting system shall be driven through the PTO.</p> <p>Page No. 122, Clause 3.2.8, High Pressure Jetting Hose System</p> <p>Make: Parker/Equivalent Imported</p>	
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			<p>Make Page No. 123, Clause 3.2.9 High Capacity Suction System Make - Samson/Juop/Robuschi Page No. 123, Clause 3.2.10, Suction Hose Boom & Suction Hose Make: Dutron/Equivalent Page No. 125, Clause 3.2.15 Jetting Nozzles European/American make Page No. 129, Clause 3.3.5, Power Take-off Unit (P.T.O.) (Make PZB or equivalent):- Page No. 132, Clause 3.3.15, Jetting Nozzles European/American make</p>	
		<p>6. Kindly allow single dewatering pump delivering minimum 8000 litres per minute or dual dewatering pumps delivering total output of minimum 12000 litres per minute (6000 LPM x 2 nos.). The pump shall be of auto prime type and capable of handling sludge solids up to minimum 75 mm in size.</p>	<p>Page No. 117, Clause 3.1.14 High Volume Dewatering System The High-Volume dewatering system shall comprise of single dewatering pumps delivering minimum 8000 litres per minute. This can be used for emergency sludge dewatering/pumping operation. The pump shall be of auto prime type and capable of handling sludge solids up to minimum 30 mm in size. The auto priming system shall allow sucking liquids from minimum 7 meters depth. The discharge of the High-Volume dewatering system shall be directed in to a nearby Storm Water/Sewage system.</p>	<p>Single Pump of minimum 8000 litres per minute capacity or dual pumps of minimum 6000 litres per minute capacities will be accepted.</p>
		<p>7. Kindly amend specifications of filtration system similar to previous tenders invited by this department which are proven and in use since more than 15 years.</p>	<p>Page No. 115, Clause 3.1.11 Storm Water Filtration & Recycling System:- Recycling system shall comprise of self of self-cleaning back washing filter and cyclone system. It shall be designed for respective flow rates of the high-pressure pump. It shall work fully automatically and continuous. It shall able to generate filtered water with suspended</p>	<p>Tender condition prevails.</p>

			<p>particles less than 200 microns from the suctioned sludge + water. The system is based on the concept of cleaning the water physically. It consists of multi stage recycling system with the following main components:</p> <ul style="list-style-type: none"> • Sedimentation • Self-cleaning water passage with bell shaped closure • Cyclones <p>Page No. 123, Clause 3.2.11 Storm Water Filtration & Recycling System:-</p> <p>The system is based on the concept of cleaning the water physically. It consists of the following main components:</p> <p>Sedimentation Self-cleaning water passage with bell shaped closure Cyclones</p>	
		8. Kindly consider 10000 Liters sludge tank and 1000 Liters fresh water tank similar to previous tenders invited by this department.	<p>Page No. 113, Clause 3.1.6 Tank</p> <p>The tank shall have a Capacity of 11000 liters (10000 liters sludge fresh + recycling tank and 1000 liters), with compartment for sludge clear water and fresh water and shall be mounted horizontally on the sub-frame of vehicle chassis without tampering the chassis, strictly following R.T.O. norms</p>	Tender condition prevails.
		9. It shall be optional as per OEM design.	<p>Page No. 114, Clause 3.1.9 Auxiliary Engine</p> <p>The Vacuum Pump is driven by an Auxiliary Diesel Engine of min. rating 215 HP. The diesel engine is water-cooled with direct injection four strokes in line cylinders. The diesel engine is with all necessary standard accessories like fuel tank, fuel filter for feed pump suction line, instrument panel with RPM indicator-</p>	Tender condition prevails.

			<p>cum-hours counter, ammeter, starter button, oil pressure gauge and water temperature gauge. The radiator is industrial type with Air blast, heavy-duty type air cleaners. The diesel engine has all standard features/protections, which are required in the satisfactory operation and performance of the Machine.</p> <p>Drive System for vacuum pump: The Vacuum Pump is driven by the Auxiliary Diesel Engine through V-belt drive arrangement. A specially designed Power Take Off Unit is installed on the Diesel Engine flywheel housing. For operating the Vacuum Pump, this PTO Unit has to be actuated. The provision of this special PTO Unit is essential as the Diesel Engine maintenance can be carried out without the need to dismantle the V-belt. This is possible as in disengaged position of PTO Unit, Diesel Engine can be operated without any movement of the V-belt Transmission System, and the maintenance of the Diesel Engine can be carried out.</p>	
		<p>10. It seems that two different specifications of jetting pump are specified. We request you to please consider the jetting pump specifications as under: The jetting system shall comprise of high-pressure pump of suitable type to generate high pressure water jets of filtered storm water with parameters of minimum 390 LPM @ 150 bar in Jetting mode. Suitable drive arrangement shall be made for High-Pressure jetting</p>	<p>Page No. 113, Clause 3.1.7 The jetting system shall comprise of high-pressure Triplex Plunger reciprocating Type Jetting pump to generate high pressure water jets with following parameters in Jetting Mode: 390 LPM @ 150 bar. The high pressure jetting pump shall use filtered water from the suctioned sewage + water sucked by the high capacity suction system, after filtering the same. The particle size in the filtered water will not be more than 200 microns, which is safe for</p>	Tender condition prevails.

		<p>pump. The power calculations to drive high pressure jetting system shall be submitted along with Packet "B".</p> <p>The high-pressure pump shall use storm water sucked by the high capacity suction system after filtering the same to desired level of filtration required to run the high-pressure pump.</p>	<p>being used for high pressure jetting application inside the sewer pipelines. The jetting pump shall be driven mechanically through the drive line PTO and mounted suitably on vehicle chassis.</p> <p>The jetting system shall comprise of high-pressure pump of suitable type to generate high pressure water jets of filtered storm water with parameters of minimum 390 LPM @ 150 bar in Jetting mode. Suitable drive arrangement shall be made for High-Pressure jetting pump. The power calculations to drive high pressure jetting system shall be submitted along with Packet "B".</p> <p>The high-pressure pump shall use storm water sucked by the high capacity suction system after filtering the same to desired level of filtration required to run the high-pressure pump.</p>	
		<p>11. The jetting system shall comprise of high-pressure triplex plunger type or reciprocating piston type Jetting Pump to generate high pressure water jets of minimum 250 liters / min @ 150 bar. The high-pressure jetting system shall be driven through the PTO. The high-pressure jetting system shall be driven through PTO. The power calculations to drive high pressure jetting system shall be submitted along with Packet 'B'. There shall be provision to adjust operating flow from 0-250 lpm and pressure from 0-150 bar independently.</p>	<p>Page No. 122, Clause 3.2.7 Jetting System: -</p> <p>The jetting system shall comprise of high-pressure triplex plunger type Jetting Pump to generate high pressure water jets of minimum 250 liters / min @ 150 bar. The high-pressure jetting system shall be driven through the PTO. The high-pressure jetting system shall be driven through PTO. The power calculations to drive high pressure jetting system shall be submitted along with Packet 'B'. There shall be provision to adjust operating flow from 0-250 lpm and pressure from 0-150 bar independently.</p>	Tender condition prevails.

		<p>12. Driving – Through Auxiliary engine or through chassis engine power Type : Tri-Lobe Roots Type Positive Displacement Vacuum Pump or liquid ring type Cooling Arrangement : Air cooled or liquid ring type 6000 M3/Hr single or dual pumps of (3000 x 2 nos.) Make : JUROP/HIBBON/ Indigenous make</p>	<p>Page No. 114, Clause 3.1.9 Auxiliary Engine Driven High Capacity Suction System Vacuum pump:- The Vacuum Pump System incorporates an Air-cooled Positive Displacement Vacuum Pump developing an air handling capacity of minimum 6000 M3/Hr. capable of achieving vacuum up to 8000 MM WG (water column) during suction. This vacuum pump is driven by a separate diesel engine mounted with the machine skid. The entire assembly is mounted on a frame with vibration dampeners. The power calculations of Auxiliary Engine to drive suction system shall be submitted along with Packet "B". Technical Details of Vacuum Pump Type : Tri-Lobe Roots Type Positive Displacement Vacuum Pump Cooling Arrangement : Air cooled Air Handling Capacity : 6000 M3/Hr. DaPa Maximum Vacuum : 80% Vacuum Make : JUROP/HIBBON</p>	<p>Tender condition prevails.</p>
		<p>13. Kindly extend the due date for submission of bid for at least 10 days.</p>	<p>Due date: 18.11.2025 upto 16.00 Hrs</p>	<p>--</p>
4	<p>KAM-AVIDA Enviro Engineers Pvt. Ltd., Pune, India</p>	<p>1. As per the jetting pump specification, the given range is 80 LPM @ 120 bar, whereas the required adjustable flow range is 0–250 LPM @ 0–150 bar. Therefore, we kindly request you to modify the adjustable operating flow to match the jetting pump's specified range</p>	<p>Page no 129 of 216 3000 LTRS CAPACITY RECYCLER MACHINES (WITHOUT AUXILIARY ENGINE):- Jetting System</p> <p>There shall be provision to adjust operating flow from 0- 250 lpm and pressure from 0-150 bar independently.</p>	<p>Section 10.0 - GENERAL & TECHNICAL SPECIFICATIONS No. 129 Para 3.3.7 Jetting System:-</p> <p>The jetting system shall comprise of high-pressure pump of suitable type to generate high pressure water jets of filtered storm water with parameters of minimum 80 liters / min @ 120 bar in Jetting mode. The high-pressure jetting system shall be driven through PTO. The</p>

				power calculations to drive high pressure jetting system shall be submitted along with Packet 'B'. There shall be provision to adjust operating flow from 0-250 lpm and pressure from 0-150 bar independently.
		<p>2. This clause is extremely restrictive and creates an entry barrier for genuine and experienced manufacturers or suppliers who are otherwise fully capable of supplying and maintaining the tendered equipment. The requirement of having supplied all three types of machines in the exact configuration specified, along with 3 years of operation & maintenance experience for each, appears to have been framed in a way that limits fair competition and may favour specific bidders. Such restrictive conditions are contrary to the principles of transparency, fairness, and competition as outlined in the Government e-Procurement and CVC guidelines, which discourage tender clauses that unnecessarily restrict participation or favour particular vendors. We therefore request you to kindly review and remove or relax the above clause to allow wider participation of technically qualified and experienced bidders. We are requesting you kindly amend the said clause as "The bidder shall be either the manufacturer or an authorised dealer of the tendered equipment. The manufacturer must have supplied at least three (03) recycling machines for use in Government or Semi-Government organisations. Experience in operation & maintenance of similar or equivalent sewer cleaning machines"</p>	<p>Technical Capacity: The Bidder shall be manufacturer or Authorized dealer or Service Provider of Each type of Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility as per this tender technical specification of each vehicle category. The bidder shall have experience of providing minimum 03 Nos. each of the three types of machines as per this tender technical specification in at least one of the last 7 years and the said machines should have completed operation & maintenance for a continuous period of at least 3 years during last 7 years.</p>	Tender condition prevails.

		<p>3. Considering the tender quantity & technical specification, we kindly request you to amend the payment terms as follows:</p> <p>33.1.1 Advance payment of 30% of cost of machines (excluding O&M cost) against equivalent amount of bank guarantee in prescribed format, against award of contract. This bank guarantee will be returned after delivery of the machine with accessories.</p> <p>33.1.2 Balanced payment of 70% of machines cost (excluding O&M cost) released upon successful delivery and commissioning of the equipment at the consignee's premises.</p> <p>Part shipment and corresponding part payment shall be allowed.</p>	<p>Page no 145 of 216</p> <p>Term of Payment</p> <p>33.1 Supply:-</p> <p>33.1.1 Advance payment of 30% of cost of machines (excluding O&M cost) against equivalent amount of bank guarantee in prescribed format, against award of contract. This bank guarantee will be returned after delivery of the machine with accessories.</p> <p>33.1.2 Balanced payment of 70% of machines cost (excluding O&M cost) after delivery, Commissioning, successful trial.</p>	Tender condition prevails.
		<p>4. Considering the tender quantity & technical specification,, we kindly request you to permit staggered delivery of the equipment and to release the payment correspondingly based on the quantity successfully delivered and commissioned</p>	<p>Page no 26, 13</p> <p>Time Period of Project :</p> <p>For all 11000, 8000 & 3000 capacity RecyclersA. Supply</p> <p>Supply – Within 12 months from the date of receipt of LOA.</p> <p>A. Supply – The contractor shall supply all 14 nos. of Vehicle Mounted High Capacity Suction and Jetting Machines with Filtration, Recycling & Dewatering facility Machines within 10 months from the date of receipt of LOA by the contractor. The contractor shall place confirmed order to chassis manufacturer / authorised dealer within 15 days from date of receipt of work order / LOA from MCGM & submit the copy of the same to MCGM.</p>	Tender condition prevails.

		<p>5. Considering the high value of the Earnest Money Deposit (EMD) amounting to Rs. 2,51,34,800/-, we request you to kindly allow bidders submission of the EMD in the form of a Bank Guarantee or Fixed Deposit Receipt (FDR) issued by a Scheduled / Nationalised Bank, instead of insisting on online payment only.</p>	<p>EMD Amount in ₹ - 2,51,34,800/- Payment Instrument-SBI Bank</p>	<p>Tender condition prevails.</p>
		<p>6. The above clause is very restrictive in nature and may lead to limited competition. We wish to highlight that the Recycling Machine technology is relatively new in the Indian market, and such machines in large quantities have not yet been procured by most municipal corporations. Hence, even technically competent and experienced bidders may not be able to meet this stringent experience requirement, resulting in reduced participation and higher procurement costs. We therefore request you to kindly review and relax the above clause to allow wider participation of technically qualified and experienced bidders. It is suggested that the experience of supplying and maintaining similar vehicles, meaning machines of equal complexity and working on a similar principle, such as Suction-cum-Jetting Machines or Super Sucker Machines, should be considered for meeting the experience criteria. Accordingly, we propose that the clause may be amended as follows: The Bidder should have successfully completed/ on-going "Similar Works" during the last seven (7) years ending last day of month previous to the one in which the bids are invited</p>	<p>Technical Capacity: Page no 09 of 216</p> <p>The Bidder should have successfully completed/ on-going "Similar Works" during the last seven (7) years ending last day of month previous to the one in which the bids are invited for similar nature of work as mentioned below, 1) Three similar completed works each of value not less than value equal to Rs. 36.01 Cr. OR 2) Two similar completed works each of value not less than value equal to Rs. 45.01 Cr. OR 3) One similar completed works each of value not less than value equal to Rs. 72.02 Cr. "Similar Vehicles" shall mean 'Vehicle Mounted Suction & Jetting Machine with sewerage recycling facility.</p>	<p>Tender condition prevails.</p>

		for similar nature of work as mentioned below, 1) Three similar completed works each of value not less than value equal to Rs. 36.01 Cr. OR 2) Two similar completed works each of value not less than value equal to Rs. 45.01 Cr. OR 3) One similar completed works each of value not less than value equal to Rs. 72.02 Cr. OR The Bidder should have an Aggregate supply of minimum 20 units of Vehicle Mounted Suction cum Jetting Machine/Super Sucker Machine / Vehicle Mounted Suction & Jetting Machine with Sewage Water Filtration & Recycling facility OR value not less than INR 72.02 Cr during past Seven (7) years.		
5	HEC Enviro (India) Pvt. Ltd.	1. We therefore request that: a. The tender be treated as three separate slices, each corresponding to a machine capacity and requirement. b. The qualification criteria (technical and financial) be assessed independently for each slice accordingly.	Tender Structure and Eligibility Application The tender invites bids for Supply and O&M of various capacities of Vehicle-Mounted High Capacity Suction and Jetting Machines with Filtration, Recycling and dewatering facility with capacities: (a) 11,000 Ltrs, (b) 8,000 Ltrs, and (c) 3,000 Ltrs. These are clearly three distinct capacities, with separate applications requirement, operational scopes, and capital values. However, as per the current wording of Eligibility Criteria, the experience and financial criteria appear to be combined for all three categories.	Tender condition prevails.
		2. It is requested to elaborate the scope and purpose of the filtration and recycling facility in the tender for clarity in bid submission and equipment design compliance. Moreover, it is submitted that the	Similar Work: The tender presently defines "similar work" as "supply/hiring/O&M of vehicle-mounted suction and jetting machines with filtration and recycling facility for	Experience of Each type of Vehicle Mounted High Capacity Suction & Jetting Machine with Sewage Water Filtration & Recycling facility without Dewatering Pump facility will be accepted as experience. Remaining Tender condition prevails.

		tender subject matter specifies "machines with filtration, recycling and dewatering facilities for sewerage". However, the similar work definition is restricted only to filtration/recycling facility without mention of dewatering facility. We also submit that the combined qualification requirement and common experience criteria are restrictive in nature and may limit participation to a few specific vendors, which is contrary to the principles of open and competitive bidding. We therefore request MCGM's kind intervention to amend the criteria slice-wise to ensure transparency and equal opportunity.	sewerage applications."	
6	Fortpoint Automotive Mumbai Pvt. Ltd. Eicher Trucks and Buses	Mail received on 04.11.2025	NO QUERIES	

Sd/-
Ex.Eng.(O&M)Mech.S.W.D.

Sd/-
Dy.Ch.E.(O&M)SWD

Sd/-
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D.M.C.(Infra)

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