

Cochin Smart Mission Limited (CSML)

Cochin Smart Mission Limited
10th Floor, Revenue Tower, Park Avenue,
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TnD No.: CSML/ TND / 2018 /64 /111

Dt: 26/11/2018

To:

All participating Bidders

Dear Sir,

Sub:- Minutes of the Pre Bid Meeting, ADDENDUM & CORRIGENDUM for the Request for Proposals (RFP) for **Supply, Operation and Maintenance of Mechanized Street Sweeping Machines** Under Smart City Mission -Reg.

Ref: **(1) Tender ID: 2018_KMRL_201947_1**

(2) RFP: CSML/SWM/RFP/002 Dated: 22/03/2018

Other Ref:-

- | | | |
|--------------------------------------|------------------------------------|------------------|
| (1) CORRIGENDUM -13- | TnD No.: CSML/ TND / 2018 /64 /107 | Date: 13/11/2018 |
| (2) CORRIGENDUM -12- | TnD No.: CSML/ TND / 2018 /64 /097 | Date: 24/10/2018 |
| (3) CORRIGENDUM -11- | TnD No.: CSML/ TND / 2018 /64 /092 | Date: 04/10/2018 |
| (4) CORRIGENDUM -10- | TnD No.: CSML/ TND / 2018 /64 /088 | Date: 19/09/2018 |
| (5) CORRIGENDUM -9- | TnD No.: CSML/ TND / 2018 /64 /085 | Date: 03/09/2018 |
| (6) CORRIGENDUM -8- | TnD No.: CSML/ TND / 2018 /64 /079 | Date: 20/08/2018 |
| (7) CORRIGENDUM -7- | TnD No.: CSML/ TND / 2018 /64 /072 | Date: 01/08/2018 |
| (8) CORRIGENDUM -6- | TnD No.: CSML/ TND / 2018 /64 /068 | Date: 17/07/2018 |
| (9) CORRIGENDUM -5- | TnD No.: CSML/ TND / 2018 /64 /061 | Date: 19/06/2018 |
| (10) CORRIGENDUM -4- | TnD No.: CSML/ TND / 2018 /64 /050 | Date: 29/05/2018 |
| (11) CORRIGENDUM -3- | TnD No.: CSML/ TND / 2018 /64 /023 | Date: 12/04/2018 |
| (12) CORRIGENDUM -2- | TnD No.: CSML/ TND / 2018 /64 /018 | Date: 06/04/2018 |
| (13) CORRIGENDUM -1- | TnD No.: CSML/ TND / 2018 /64 /011 | Date: 28/03/2018 |
| (14) Notice inviting Tender -NIT No. | CSML/SWM/RFP/002 | Date: 22/03/2018 |



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With reference to the above, the **Minutes of the Pre-Bid Meeting & ADDENDUM** in respect of the above-mentioned Request for Proposal (RFP) is herewith enclosed. Bidders shall make note of the same and submit their proposals accordingly.

Encl: 1) Minutes of the Pre-Bid Meeting

2) ADDENDUM

3) CORRIGENDUM

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Minutes of the Pre-Bid meeting held at 6th Floor CSML office, on 08-05-2018 at 3:00 PM for the RFP for Supply, Operation and Maintenance of Mechanized Street Sweeping Machines Under Smart City Mission.

Attendees of the Pre-Bid Meeting

Sl. No.	Name	Designation	Organization
Representatives of Authority			
1	Ms. Visakha K A	Supporting Urban Planner	CSML
2	Mr. Ajay Kumar S	Team Leader	PMC- Smart City Kochi
3	Ms. Ekta Gupta	Senior Analyst	PMC- Smart City Kochi
4	Mr. Avinash Kumar	Project Officer	PMC- Smart City Kochi
5	Mrs. Renuka	Construction Manager	PMC- Smart City Kochi
6	Mr. Rajeev Sharma	Procurement Specialist	PMC- Smart City Kochi
7	Ms. Usha Jyothi G	Procurement Specialist	PMC- Smart City Kochi
8	Mr. Jishnu K	Assistant Construction Manager	PMC- Smart City Kochi
Representatives of firm / Agency present			
1	Mr. Bobby George	Manager Business Development	SFO Technologies (NEST)
2	Mrs. Mridhula Reghunath	Pre Sales	SFO Technologies (NEST)
3	Mr. C Ramesh	Proprietor	Factor
4	Mr. Shonu V Paul	Assistant Manager	Inkel Ltd.
5	Mr. Jobin V Sebastian	Branch Head	Roots Multiclean Ltd.
6	Mr. Vidyasagar		Roots Multiclean Ltd.
7	Mr. V Bala subramaniam	Jr. Manager	Roots Multiclean Ltd.
8	Mr. Rajesh K	Key Accounts Manager	KARCHER Cleaning Systems Pvt. Ltd.

CSML welcomed the representatives of authority & representative of the firms / agencies to the Pre-Bid Meeting. The following clarifications are issued to the queries received through email.

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Sl. No.	Pre-Bid Queries				Clarifications
	RFP Document Reference (Clause No.)	RFP Document Reference (Page No.)	Content of the RFP requiring clarification	Change Requested/ Clarification required	
1.	Section 1: Instruction to Bidders/ Applicants 1.3 BID SUBMISSION INSTRUCTIONS 1.3.13 Pre-Qualification Eligibility Criteria Sl. No. PQ1; Legal Entity	28	The Sole Bidder (Manufacturer / Authorized dealer) or the Lead Member of consortium should be registered in India under Companies Act 1956/2013 or as amended and should have been in operation for at least 3 years as on date of submission of the bid.	Request authority to allow Partnership and Proprietorship firm to participate in this tender.	Partnership and Proprietorship firm fulfilling the Pre-Qualification Eligibility Criteria and Technical Evaluation Criteria detailed in the RFP can participate in the tender. The clause 1.3.13 is Modified as bellow “The Sole Bidder (Manufacturer/ Authorized dealer) or the Lead Member of consortium should be a Proprietorship firm or a Partnership firm or a Limited Liability Partnership firm or a Society registered under the Societies Registration Act, 1955 or a Company registered under Companies Act 1956/ 2013 and should have been in operation for at

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					least 3 years as on the date of submission of the bid.” Refer Sl. No. 5 of Addendum-1
2.	Section 1: Instruction to Bidders/ Applicants 1.1 GENERAL INFORMATION AND GUIDELINES 1.1.1 PURPOSE	10	AUTHORITY seeks the services of a reputed company, for “Supply, Operation and Maintenance of Mechanized Street Sweeping Machines” . This document provides information to enable the bidders to understand the broad requirements to submit their Proposals. The detailed scope of work is provided in Section 2.0 of this RFP document. AUTHORITY for this project is Cochin Smart Mission Limited (CSML).	“Supply, Operation and Maintenance of Compact Vacuum Sweeping Machines with Single Euro 4/ Tier 4 Type Engine”	Clause “1.1 GENERAL INFORMATION AND GUIDELINES, 1.1.1 PURPOSE” holds good
3.	2. Scope of Work and Terms of Reference. 2.1 Scope of Work Technical Specifications for the Machines Sl. No. iv	51	iv. The vacuum suction system should incorporate a cyclonic separator along with Bag Filters filtration system with continuous cleaning during sweeping with compressed air jets, for efficient, trouble free & easy to maintain road sweeping and to ensure that the suction efficiency of the machine is not affected at any time during	(i). Vacuum suction system The prescribed system will not work in the practical conditions of Kochi and it is not an equipment for all weather conditions and all types of dust , debris and stones etc.,	No Change –The specifications / requirements indicated on “Vacuum suction system” are required. Specifications indicated in RFP holds good. The same is retained in Appendix 1 of Addendum 1 also.

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			sweeping due to dust loading Blower exhaust air.		Refer Sl.No.9 of Addendum-1 Refer specification Under Sl. No. iv, 2.5 Technical Specifications for the Machines . of " Appendix 1 of Addendum 1 "
4.	2. Scope of Work and Terms of Reference. 2.1 Scope of Work Technical Specifications for the Machines Sl. No. iv	51	iv. The vacuum suction system should incorporate a cyclonic separator along with Bag Filters filtration system with continuous cleaning during sweeping with compressed air jets, for efficient, trouble free & easy to maintain road sweeping and to ensure that the suction efficiency of the machine is not affected at any time during sweeping due to dust loading Blower exhaust air.	(ii). Filter cleaning with compressed air cleaning The filter cleaning is not necessarily be through compressed air cleaning as there are lot of efficient means of cleaning methods available with better and cost effective technology	No Change –The specifications / requirements indicated on " Filter cleaning with compressed air cleaning " are required. Specifications indicated in RFP holds good. The same is retained in Appendix 1 of Addendum also. Filter cleaning is necessary through compressed air, to prevent filter choking. Refer Sl.No.9 of Addendum-1 Refer specification Under Sl. No. iv, 2.5 Technical Specifications for the

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					Machines of “ Appendix 1 of Addendum 1 ”			
5.	2. Scope of Work and Terms of Reference. 2.1 Scope of Work Technical Specifications for the Machines Table	51	<table border="1"> <tr> <td>4</td> <td>Sweeping speed</td> <td>Min 4-5 km/ hr</td> </tr> </table>	4	Sweeping speed	Min 4-5 km/ hr	<p>Sweeping speed 4-5 km/hr</p> <p>We need a machine with more sweeping speed for the proposed area to complete the job as per the work schedule.</p>	<p>Modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under SI. No.4 “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>
4	Sweeping speed	Min 4-5 km/ hr						
6.	2. Scope of Work and Terms of Reference. 2.1 Scope of Work Technical Specifications for the Machines Table	51	<table border="1"> <tr> <td>3</td> <td>Sweeping Capacity Per/hr.</td> <td>Min 12500 Sq. Mt.</td> </tr> </table>	3	Sweeping Capacity Per/hr.	Min 12500 Sq. Mt.	<p>Sweeping capacity</p> <p>A machine with a sweeping capacity of 12500 sq.m/hr is too very low for the proposed cleaning area of 1100 acres. We would need a bigger machine with a larger sweeping capacity. The prescribed machine will not withstand the load.</p>	<p>Modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under SI. No.5 “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>
3	Sweeping Capacity Per/hr.	Min 12500 Sq. Mt.						

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7.	<p>2. Scope of Work and Terms of Reference.</p> <p>2.1 Scope of Work</p> <p>Technical Specifications for the Machines</p> <p>Table</p>	51	<table border="1"> <tr> <td data-bbox="596 266 667 521">6</td> <td data-bbox="667 266 789 521">Debris Hopper Material</td> <td data-bbox="789 266 1018 521">M.S for light weight and strong structure heaving volumetric</td> </tr> </table>	6	Debris Hopper Material	M.S for light weight and strong structure heaving volumetric	<p>Debris Hopper -MS material</p> <p>Hopper with MS material will get corroded quickly and will fail in the coastal conditions prevailing at Kochi.</p>	<p>Modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under Sl. No.12 “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>
6	Debris Hopper Material	M.S for light weight and strong structure heaving volumetric						
8.	<p>2. Scope of Work and Terms of Reference.</p> <p>2.1 Scope of Work</p> <p>Technical Specifications for the Machines</p> <p>Table</p>	51	<table border="1"> <tr> <td data-bbox="596 743 667 976">7</td> <td data-bbox="667 743 789 976">Engine</td> <td data-bbox="789 743 1018 976">Heavy Duty Industrial water-cooled Diesel engine</td> </tr> </table>	7	Engine	Heavy Duty Industrial water-cooled Diesel engine	<p>(i). Engine power</p> <p>(a) Ideally the pay load per shift would be around 4-5 cubic meters or approximately 5 tones of collected debris. In rainy seasons it would be heavier due to moist debris. Since it rains for about 4-5 months in a year the engine power is a key requirement and should be high enough to handle the load.</p> <p>(b) Engine capacity: Ideally all these weight together would be a gross vehicle weight between 11000 kgs to 11500 kgs as gross vehicle weight. LMV class of vehicle to accommodate above parameters will require two engines- one for driving the LMV and</p>	<p>Modified.</p> <p>“Engine power / Engine capacity” specification / requirement modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under Sl. No.13 “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p> <p>Also, “Light Motor Vehicle LMV mounted / Frame</p>
7	Engine	Heavy Duty Industrial water-cooled Diesel engine						

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				<p>another to operate the sweeping module. Hence LMV based sweeper would have two engines one to drive the LMV and another to run the sweeping module. Both would add to the carbon foot print as two set of engines would have to burn fuels and make noise while operating. (As per understood from Kerala RTO, the 4 wheeled vehicles up to 7500 kgs-GVW is classified as LMV). These would add to/cause sound pollution and smoke pollution. Mechanical sweeper does not have a vacuum arrangement to take in the debris it is a mechanical system. This system raises the dust while sweeping causing ambient particulate matter in air unsuitable for nearby human activity.</p> <p>(c) The single engine to operate the sweeper should be ideal with GVW of 11500 kgs- of around 130 hp at 2300 rpm. Right Power is necessary to work the machine in tough conditions or else would result in deficiency in sweeping /cleansing.</p> <p>(d) So kindly make necessary correction to - 4 Wheeled- Euro 4 / Tier 4</p>	<p>mounted Mechanical Sweeping Machines” changed to “Mechanized Vacuum Suction Sweeping machines”</p> <p>Refer Sl.No.9 of Addendum-1 Under “Appendix 1 of Addendum 1”</p> <p>The specifications / requirements of hopper capacity, sweeping width, minimum number of brushes, environmental compliance, permissible noise level and other details etc are indicated in 2.5 Technical Specifications for the Machines. of “Appendix 1 of Addendum 1”</p>
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				<p>complaint Single Engine Compact Vacuum Sweeper of Engine power between 120HP to 150HP @ 2300rpm, with stainless steel inner lined Hopper between 4-5 cubic meters capacity. Capable to sweep road width up to 3100mm with third brush and with dust suppression system. All brush arrangement to be in front of the front wheel. The Sweeper's GVW to be between 11000 kgs to 11700 kgs and with high pressure pump and lance for water jetting and cleaning. Total Greasing points in the sweeper not to exceed 15 numbers. Machine noise level not to exceed 78 dB as measured at the driver seat.</p> <p>The machine should have been satisfactorily tried and tested continuously for at least 3 years in a Government organization/ institution/ office in Kerala State during the last 7 years</p> <p>(e) Engine power: The single Engine power sweeper required should be around 130 HP @2200 rpm to perform under the conditions of Kochi and should be compliant to</p>	
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				<p>Euro 4. and of construction of material of the machine to sustain for at least guaranteed 5 years life and two years of manufacturer's warranty. This minimum condition is not mentioned. Since this is the first of its kind of sweeping contracts in Kerala, proven machine which are tested over time in Kerala should be considered due to the Coastal type of weather conditions.</p> <p>The condition further states that supplies made with certain financial limits during the last 5 years. Whereas testing of the suitable machines have been done earlier than 5 years in Kerala. They are supported by documents.</p>	
9.	-	-	-	<p>Further the turning radius to navigate through the narrow streets of Kochi should not be over 5100mm curb to curb. This is complicated for a LMV with a sweeper module.</p>	<p>“Light Motor Vehicle LMV mounted / Frame mounted Mechanical Sweeping Machines” changed to “Mechanized Vacuum Suction Sweeping machines”</p>

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					<p>Refer SI.No.9 of Addendum-1 Under “Appendix 1 of Addendum 1”</p> <p>“turning radius” specification / requirement modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under SI. No.7, “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>			
10.	<p>2. Scope of Work and Terms of Reference.</p> <p>2.1 Scope of Work</p> <p>Technical Specifications for the Machines</p> <p>Table</p>	52	<table border="1"> <tr> <td>10</td> <td>Dust Control System</td> <td>High efficiency 5 – 10 micron and large area filtration & cyclone system</td> </tr> </table>	10	Dust Control System	High efficiency 5 – 10 micron and large area filtration & cyclone system	<p>Dust Control System</p> <p>The Filtering efficiency of 5-10 microns are not enough to control the flying dust where we cannot measure the actual density. Hence we may need a machine with a high filtering efficiency of atleast 2.5 micron with large filter surface area.</p>	<p>Modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under SI. No.16 “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>
10	Dust Control System	High efficiency 5 – 10 micron and large area filtration & cyclone system						

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<p>11.</p>	<p>2. Scope of Work and Terms of Reference.</p> <p>2.1 Scope of Work</p> <p>Technical Specifications for the Machines</p> <p>Table</p>	<p>52</p>	<p>-</p>	<p>(i). Water Tank: While sweeping, brush rotation in machine raises the dust, in order to suppress the dust, continuous water sprinkling is necessary. So water tank in the machine to hold enough water is mandatory for the shift.</p>	<p>Modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under SI.No.16, “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>
<p>12.</p>	<p>2. Scope of Work and Terms of Reference.</p> <p>2.1 Scope of Work</p> <p>Technical Specifications for the Machines</p> <p>Table -</p>	<p>-</p>	<p>-</p>	<p>(i). Fuel Tank: to hold enough fuel for at least a night shift is mandatory. Pay load capacity of swept debris fir at least one shift in the hopper is necessary apart from the own weight of the vehicle to get an uninterrupted sweeping for at least one shift operation.</p>	<p>Refer SI.No.9 of Addendum-1</p> <p>Required Fuel Tank capacity details included.</p> <p>The specification is included Under SI.No.6, “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>

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<p>13.</p>	<p>2. Scope of Work and Terms of Reference.</p> <p>2.1 Scope of Work</p> <p>Technical Specifications for the Machines</p> <p>Table</p>	<p>52</p>	<table border="1"> <tr> <td data-bbox="596 272 667 548">12</td> <td data-bbox="667 272 793 548">Paint</td> <td data-bbox="793 272 1022 548">One coat of base primer and two coats of finish enamel paint</td> </tr> </table>	12	Paint	One coat of base primer and two coats of finish enamel paint	<p>Paint - enamel</p> <p>Enamel paint will not withstand for coastal area application, we need machine with Marine coat.</p>	<p>Modified.</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under Sl. No.18 “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p>
12	Paint	One coat of base primer and two coats of finish enamel paint						
<p>14.</p>	<p>-</p>	<p>-</p>	<p>-</p>	<p>We had a query regarding the GPS tracker module to be mounted on the street sweeping machine. Is the GPS tracking module to be provided by the agency? Could you please give clarification on this matter?</p>	<p>The Supplier (selected bidder) will ensure installation of GPS devices of requisite standards as to meet requirements of project and accordingly will procure devices as per approval of authority or its representatives. The agency will in coordination with the authority, system integrator or its representatives as the case may be will ensure that GPS device fitted on vehicle is seamlessly integrated with envisaged integrated command control center.</p>			

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15.	<p>4. Special Conditions of Contract (SCC) Clause</p> <p>4.10 SPECIAL TRAFFIC PRECAUTIONS DURING OPERATION & MAINTENANCE.</p>	84	<p>Supplier attention is specially drawn to the requirements by the traffic police and road authorities and specification regarding traffic control and access. It is necessary for the supplier to obtain permission from traffic Inspector of Police. Necessary support letter will be issued by CSML, prior to taking up any stretch of road which may require for traffic diversion or blocking of the route. It is necessary to carry out the work in such a manner as to cause minimum interference with the public use of roads, footpaths and other thoroughfares.</p>	<p>Street Sweeping machines being a slow moving equipment and in order to avoid congestions and interruptions / bottlenecks in traffic flow during day time machine will be allowed to work during lean traffic times of the night time over and above the day time operations. Like Essential service vehicles Ambulances, Police Department vehicles, Fire Engines, Metros, Train Services, Air services, street sweeping machines will be allowed to work during day and night to get optimum Cleansing and equipment utilization and considered as a essential service vehicle.</p>	<p>Clause “4.10 SPECIAL TRAFFIC PRECAUTIONS DURING OPERATION & MAINTENANCE” holds good</p>
16.	<p>4. Special Conditions of Contract (SCC) Clause</p> <p>4.17 WARRANTY</p>	87	<p>The Supplier shall ensure for the Street Sweeping machines and allied accessories, a warranty of minimum 3 years from the date of acceptance of the equipment by the purchaser.</p>	<p>Warranty: Compact Vacuum Sweeper – a warranty of 2 years or 2000 hours whichever is earlier, for the machine, from the date of arrival of the machine in Kochi. Excluding wear parts and consumables, Tires, Glass items etc. The engine warranty will be as per the Engine manufacturer’s norms.</p>	<p>Modified.</p> <p>Refer Sl.No. 21 & 22 Addendum-1</p>

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<p>17.</p>	<p>Annexure 1.1 - Check-list for the documents to be included in the Prequalification Proposal</p> <p>Sl. No.9 (c)</p>	<p>95</p>	<p>Furnish Copy of Work Order / Purchase order, Copy of agreement, Copy of client acceptance letter, Copy of Goods Receipt endorsed by client, Copy of completion certificate in order to fulfill following eligibility criteria</p> <p>(c) The Sole Bidder (Manufacturer / Authorized dealer) or Lead Member or any member of its consortium should have successfully supplied, installed and commissioned, LMV / Frame Mounted Mechanized Street sweeping machines of worth-</p> <p>(1) INR 77 lakh in single order OR</p> <p>(2) Two orders each of INR 48 Lakh OR</p> <p>(3) Three orders each of INR 39 Lakh</p> <p>to any PSU / Government Institution / Urban Local bodies/ government offices in last 5 (Five) financial years (FY 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18)</p>	<p>Successfully run for a period of 2 years in Kerala State by testing the Compact Vacuum Sweeper by any Government Organization/office including at any 2 Urban Local bodies (Corporations) in Kerala State to sustain local Conditions.</p>	<p>Requirements indicated at “Annexure 1.1 - Check-list for the documents to be included in the Pre-qualification Proposal” at “Sl. No.10 (c)” holds good.</p>
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18.				Bidders enquired life period of machineries.	The life period for machineries should be a minimum of 15 years.
19.	-	-	-	<p>4 machines of 1 cu.m capacity 02 each for West Kochi and 02 for Ernakulam</p> <p>For a total area to be cleaned of 1100 acres the specified machine is too very small and will be totally ineffective. It will get filled up very quickly within in a short distance of usage and will get chocked. With a better technology and with a better capacity machine we can provide the best of service to CSML with 1 machine each to West Kochi and Ernakulam and thus reducing the total operating cost to CSML.</p>	<p>The number of machines and its capacity (ie. 1 Cum) indicated in BOQ and Specification holds good.</p> <p>Refer Sl.No. 21 & 22 of Addendum-1. The specification is included Under Sl.No.3, “Table 2.2 Sweeping Machine Specifications” of “Appendix 1 of Addendum 1”</p> <p>Also, Refer specification Under Sl. No. I, 2.5 Technical Specifications for the Machines. of “Appendix 1 of Addendum 1”</p>
20.	-	-	-	<p>(i).LMV Mounted</p> <p>It is an outdated technology and it would not suit for the cleaning requirement of CSML. With Two engines in an LCV type</p>	<p>Modified.</p> <p>“Light Motor Vehicle LMV mounted / Frame mounted Mechanical Sweeping</p>

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				<p>machine (One for Prime mover and one as Auxiliary engine for the kit) the operating and maintenance cost would be very high.</p> <p>(i). LMV mounted framed sweeper:</p> <p>I have seen the technical part of the tender document. It mentions as LMV mounted. "Light motor Vehicle mounted framed sweeper" The sweeping machine required to carry out work should be of heavy duty type with power enough to perform with low fuel consumption and low noise to work in residential areas even during lean traffic hours of the night time.</p>	<p>Machines” changed to “Mechanized Vacuum Suction Sweeping machines”</p> <p>Refer SI.No.9 of Addendum-1</p> <p>The modified specification is included Under “Appendix 1 of Addendum 1”</p>
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Firm / agency are hereby once again reminded that, offer / proposal shall be submitted keeping in mind the clarifications & addendum issued.

Cochin Smart Mission Limited

ADDENDUM-I

For

Request for Proposals (RFP) for Supply, Operation and Maintenance of Mechanized Street Sweeping Machines Under Smart City Mission

(Tender ID: 2018_KMRL_201991_1)

(CSML/SWM/RFP/003 Dated: 20/04/2018)

Pursuant to **Clause 1.1.7 of Instruction to Bidders**, following addenda is issued and it shall form part of the RFP proposal / Bid document.

S.No.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
1	3	Serial no. – 17- Bid Validity	120 days.	120 Days from the date of opening of Technical bid
2	05 & 96	Clause No. 1.3.13	(a) The Sole Bidder (Manufacturer / Authorized dealer) or Lead Member or any member of its consortium should have successfully supplied, installed and commissioned, <u>Mechanized Vacuum Suction Sweeping machines</u> of worth- (1) INR 77 lakh in single order OR	(a) The Sole Bidder (Manufacturer / Authorized dealer) or Lead Member or any member of its consortium should have successfully supplied, installed and commissioned, <u>LMV Mounted / Frame Mounted Mechanized Street sweeping machines</u> of worth- (1) INR 77 lakh in single order OR (2) Two orders each of INR 48 Lakh

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
			<p>(2) Two orders each of INR 48 Lakh OR (3) Three orders each of INR 39 Lakh to any PSU / Government Institution / Urban Local bodies/ government offices in last 5 (Five) financial years (FY 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18)</p> <p>(b) Also, the Sole Bidder (Manufacturer / Authorized dealer) or Lead Member or any member of its consortium should have at least one year experience of operation and maintenance (in each work order) of <u>Mechanized Vacuum Suction Sweeping machines</u> in ULB / city of worth-</p> <p>(1) INR 57 lakh in single work order of O & M, with minimum one year O & M OR (2) Two work orders of O & M of each of INR 36 Lakh with minimum one year O & M in each work order OR</p>	<p>OR (3) Three orders each of INR 39 Lakh to any PSU / Government Institution / Urban Local bodies/ government offices in last 5 (Five) financial years (FY 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18)</p> <p>(b) Also, the Sole Bidder (Manufacturer / Authorized dealer) or Lead Member or any member of its consortium should have at least one year experience of operation and maintenance (in each work order) of <u>LMV Mounted / Frame Mounted Mechanized Street sweeping machines</u> in ULB / city of worth-</p> <p>(1) INR 57 lakh in single work order of O & M, with minimum one year O & M OR (2) Two work orders of O & M of each of INR 36 Lakh with minimum one year O & M in each work order OR</p>

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
			<p>(3) Three work orders of O & M of each of INR 29 Lakh with minimum one year O & M in each work order</p> <p><u>Notes:-</u></p> <ul style="list-style-type: none"> • Only such works / assignments shall be considered where physical completion of entire work/ assignment is completed. • Works / assignments carried out by another contractor on behalf of the Bidder on back to back basis will not be considered for satisfaction of Qualification criteria • If an agent submits bids on behalf of more than one Manufacturer, all such bids will be rejected as non-responsive. <p>(c) Supplies for any particular item in each schedule of the bid should be from one manufacturer only. Bids from agents offering supplies from different manufacturers for the same item of the</p>	<p>(3) Three work orders of O & M of each of INR 29 Lakh with minimum one year O & M in each work order</p> <p><u>Notes:-</u></p> <ul style="list-style-type: none"> • Only such works / assignments shall be considered where physical completion of entire work/ assignment is completed. • Works / assignments carried out by another contractor on behalf of the Bidder on back to back basis will not be considered for satisfaction of Qualification criteria • If an agent submits bids on behalf of more than one Manufacturer, all such bids will be rejected as non-responsive. <p>(c) Supplies for any particular item in each schedule of the bid should be from one manufacturer only. Bids from agents offering supplies from different manufacturers for the same item of the schedule in the bid will be treated as non-responsive.</p>

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
			schedule in the bid will be treated as non-responsive.	
3	18	1.3.2 - BID SUBMISSION INSTRUCTIONS – Table below Heading	(d) Note: AUTHORITY will conduct the bid evaluation based on documents submitted through online e-tendering portal.	Note: 1. The Authority shall consider the bids for evaluation purposes based on submission made by bidders through online e-tendering portal and other submissions including physical in terms of the RFP provisions. (d) Note: 2. If the financial bid is attached with hard copy or online technical bid, such bids will be rejected without further verification.
4	20	1.3.3 Late Bid and Bid Validity Period	(e) The validity of the bids submitted before deadline shall be till 120 days from the date of submission of the bid.	(e) The validity of the bids submitted before deadline shall be till 120 days from the date of opening of technical bid.
5	28	1.3.13	“The Sole Bidder (Manufacturer / Authorized dealer) or the Lead Member of consortium should be registered in India under Companies Act 1956/2013 or as amended and should have been in operation for at least 3 years as on date of submission of the bid.”	“ The Sole Bidder (Manufacturer/ Authorized dealer) or the Lead Member of consortium should be a Proprietorship firm or a Partnership firm or a Limited Liability Partnership firm or a Society registered under the Societies Registration Act, 1955 or a Company registered under Companies Act 1956/ 2013 and should have been in operation

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)			Revised Clause(s)				
						for at least 3 years as on the date of submission of the bid.”				
6	33 and 34	1.3.14	2	Experience for having supplied, installed and commissioned, <u>LMV Mounted / Frame Mounted Mechanized Street sweeping machines</u> in India Copy of the Client Certificate as a proof	20 Marks	Sole bidder / any member of Consortium having supplied, installed and commissioned <u>LMV Mounted / Frame Mounted Mechanized Street sweeping machines</u> of more than 8 No.'s in India will be awarded 20 marks and	1	Experience for having <u>supplied, installed and commissioned, Mechanized Vacuum Suction Sweeping machines</u> in India Copy of the Client Certificate as a proof has to be attached	20 Marks	Sole bidder / any member of Consortium having <u>supplied, installed and commissioned Mechanized Vacuum Suction Sweeping machines</u> of more than 8 No.'s in India will be awarded 20 marks and other

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S.No.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)		Revised Clause(s)	
			has to be attached	<p>other bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of <u>supplied, installed and commissioned 4 No.'s LMV Mounted / Frame Mounted Mechanized Street sweeping machines in India</u> will get 10 marks</p>		<p>bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of <u>supplied, installed and commissioned 4 No.'s Mechanized Vacuum Suction Sweeping machines in India</u> will get 10 marks</p>

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S.No.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)			Revised Clause(s)				
			3	<p>Experience of operation and maintenance of <u>LMV Mounted / Frame Mounted Mechanized Street sweeping machines</u> in a ULB / city of India</p> <p>Copy of the Client Certificate as a proof has to be attached</p>	35 Marks	<p>Sole bidder / any member of Consortium having carried out Operation and Maintenance of <u>LMV Mounted / Frame Mounted Mechanized Street sweeping machines</u> each in 2 or above cities / ULBs in India will be awarded 35 marks and other bidders</p>	3	<p>Experience of operation and maintenance of <u>Mechanized Vacuum Suction Sweeping machines</u> in a ULB / city of India</p> <p>Copy of the Client Certificate as a proof has to be attached</p>	35 Marks	<p>Sole bidder / any member of Consortium having carried out Operation and Maintenance of <u>Mechanized Vacuum Suction Sweeping machines</u> each in 2 or above cities / ULBs in India will be awarded 35 marks and other bidders will be allocated</p>

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S.No.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)			Revised Clause(s)		
					<p>will be allocated marks proportionately.\</p> <p>E.g. Bidder with experience of Operation and Maintenance of <u>LMV Mounted / Frame Mounted Mechanized Street sweeping machines</u> in one city / ULB in India will get 17.5 marks</p>			<p>marks proportionately.\</p> <p>E.g. Bidder with experience of Operation and Maintenance of <u>Mechanized Vacuum Suction Sweeping machines</u> in one city / ULB in India will get 17.5 marks</p>

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
7	38 59	<p>i) 1.4.6 - PERFORMANCE BANK GUARANTEE – Point no. d)</p> <p>ii) 3 – General Condition of Contract – Clause no. 8</p>	<p>i) The PBG shall be valid up to the completion of the period of 'Go- Live' / Commercial Operation Date (COD) + 38 months for the project (ie. 60 days beyond completion of O & M period.</p> <p>ii) The successful bidder shall furnish a Performance Bank Guarantee (PBG) valid up to the completion of the period of 'Go- Live' + 38 months for the project from a Scheduled Commercial Bank, payable at a designated bank branch located in Kochi within 15 days from the receipt of LOA/ purchase order of the tender for an amount equivalent to 10% of the value of the Contract indicated in LOA.</p>	<p>i) The PBG shall be valid up to the completion of the period of 'Go- Live' / Commercial Operation Date (COD) + 38 months for the project (ie. 60 days beyond completion of O & M period.</p> <p>ii) The successful bidder shall furnish a Performance Bank Guarantee (PBG) valid up to the completion of the period of 'Go- Live' + 38 months for the project from a Scheduled Commercial Bank, payable at a designated bank branch located in Kochi within 15 days from the receipt of LOA/ purchase order of the tender for an amount equivalent to 10% of the value of the Contract indicated in LOA. . In case partial forfeiture, The contractor shall have to restore the PBG to its full value for applicable period as required under the contract or extension thereof.</p>
8	40	1.6 (e)	During the comprehensive warranty period, the Successful Bidder shall provide free of cost all product(s), within 14 days of their availability and should carry out delivery and make operational the same at no additional cost to AUTHORITY.	During the warranty period, the Selected Bidder shall provide free of cost, all replacements and parts thereof including bringing equipment's in operating condition as per requirements of the RFP, within one (1) week of such defects/repairs/other such replacement or repairs needed as required by the

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
				Authority without any additional cost to the Authority or increasing the contract value.
9	43– 52	Section “2.	Scope of Work and Terms of Reference”	The RFP clause stands deleted and replaced by “<u>Appendix-1</u>” of the Addendum-1
10	61	GCC 11 - Failure & Termination	If the contractor fails to deliver the equipment or any instalment thereof within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period, the Purchaser / Employer may without prejudice to his other rights: Recover from the Contractor as a penalty a sum equivalent to 0.5 % value of total LOA / purchase order (contract value) per week subject to maximum of 10%, after which contract will be deemed as cancelled & PBG will be encashed by the Purchaser / Employer.	If the contractor fails to deliver the equipment or any instalment thereof within the period fixed for such delivery in the contract or as extended or at any time repudiates the contract before the expiry of such period, the Purchaser / Employer may without prejudice to his other rights, recover from the Contractor a sum equivalent to 0.5 % value of total LOA / purchase order (contract value) per week subject to maximum of 10% as liquidated damages, and thereafter shall reserve, without limiting its other rights, to terminate the Contract at the risk and cost of the Contractor , including encashment of PBG.

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
11	64	15.1 – Payment terms	<p>The standard payment terms subject to recoveries, if any, by way of Liquidated Damages will be as under: -</p> <p>(i) For LMV /Frame Mounted Street sweeping machine with accessories</p> <ul style="list-style-type: none"> • 95% payment of the supply, installation and commissioning pertaining to total of Item No. 1 in BOQ, will be made on receipt of goods / equipment's and upon submission of following documents: <ol style="list-style-type: none"> a. On receipt of Goods b. Certificate from the Purchaser / Employer of having receipt of Performance Bank Guarantee. c. Invoice in duplicate. d. Insurance Copy (transit plus storage). e. Packing list. f. Certificate from purchaser/ consignee indicating successful Installation, testing, commissioning as indicated in purchase order. • 5% Balance amount (as retention money) of total of Item No. 1 & 2 of BOQ will be released at the end of Contract period including O & M after issue of Final Acceptance Certificate and deducting if any- charges for delay in attending fault, as penalty etc. 	<p>The Contractor shall be paid as per terms mentioned in this clause, subject to recoveries, penalties, Liquidated Damages and other such recoveries as applicable under this Contract –</p> <p>(i) Mechanized Vacuum Suction Sweeping Machine</p> <ul style="list-style-type: none"> • 90 % payment after deducting retention money and other statutory recoveries pertaining to (supply, installation and commissioning of sweeping machine) total of Item No. 1 in BOQ, will be released against on supply, installation testing and commissioning of goods / equipment's and upon submission of following documents: <ol style="list-style-type: none"> a. Invoice in duplicate. b. Insurance Copy (transit plus storage). c. Packing list. e. Certificate from purchaser/ consignee indicating successful Installation, testing, commissioning as indicated in purchase order. • 10 % of the Balance amount after deducting retention and statutory recoveries will be released after completion of 1st year operation and maintenance as per RFP requirements.

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
				Other conditions in this clause will remain same as stated in the original RFP Clause 15.1.
12	64	15.1	<u>For LMV /Frame Mounted Street sweeping machine with accessories</u>	<u>For Mechanized Vacuum Suction Sweeping machines with accessories</u>
13	65	15.1	For Operation & Maintenance of LMV /Frame Mounted Street sweeping machine with accessories including repair & replacement & for its operation for cleaning by deploying desired manpower including operator cum driver for the machine who shall possess valid license for driving vehicles.	For Operation & Maintenance of Mechanized Vacuum Suction Sweeping machines with accessories including repair & replacement & for its operation for cleaning by deploying desired manpower including operator cum driver for the machine who shall possess valid license for driving vehicles.
14	67	15.2 Retention Money	i) A retention amounting to 5 % (Five percent) of the gross amount of each bill will be deducted at the time of certifying interim payment, for the due execution and completion of the work including operation & maintenance under Contract. This retention amount is liable to be forfeited, partly or wholly, if the Contractor fails	A retention amounting to 10 % (ten percent) of the gross amount of each bill will be deducted at the time of certifying interim payment, for the due execution and completion of the work including operation & maintenance under Contract. This retention amount is liable to be forfeited, partly or wholly, if the Contractor fails to carry out the

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
			<p>to carry out the assignment or to keep up the desired rate of progress as per Contract.</p> <p>ii) The retention amount will be released on the successful completion of the work including Operation and maintenance as certified by the competent authority.</p>	<p>assignment or to keep up the desired rate of progress as per Contract.</p> <p>ii) The retention amount will be released on the successful completion of the work including Operation and maintenance as certified by the competent authority.</p>
15	67	16 CONSIGNEE'S RIGHT OF REJECTION	<p>Notwithstanding any approval which the Inspecting Officer may have given in respect of the stores or any materials or other particulars or the work or workmanship involved in the performance of the contract (whether with or without any test carried out by the Contractor or the Inspecting Officer or under the direction of the Inspecting Officer) and notwithstanding delivery of the stores where so provided to the interim consignee, it shall be lawful for the consignee, on behalf of the Purchaser /</p>	<p>Notwithstanding any approval which the Inspecting Officer may have given in respect of the stores or any materials or other particulars or the work or workmanship involved in the performance of the contract (whether with or without any test carried out by the Contractor or the Inspecting Officer or under the direction of the Inspecting Officer) and notwithstanding delivery of the stores where so provided to the interim consignee, it shall be lawful for the consignee, on behalf of the Purchaser / Employer, to reject the stores or any part, portion of consignment thereof within 45 days after actual delivery thereof to him at the place or destination</p>

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
			<p>Employer, to reject the stores or any part, portion of consignment thereof within 45 days after actual delivery thereof to him at the place or destination specified in the contract if such stores or part, portion of consignment thereof is not in all respects in conformity with the terms and conditions of the contract whether on account of any loss, deterioration or damage before dispatch or delivery or during transit or otherwise howsoever</p>	<p>specified in the contract if such stores or part, portion of consignment thereof is not in all respects in conformity with the terms and conditions of the contract whether on account of any loss, deterioration or damage before dispatch or delivery or during transit or otherwise howsoever. In case of any rejection of goods or defects found after payment of the respective supplies, the next payment to the Agency shall be adjusted against such payments made in previous bill. In case of the remaining due amount is not sufficient enough to recover the previous payment, the Authority reserves the right to invoke Performance Bank Guarantee in part or full for recovery of the said amount. In case of partial revocation of PBG, the Agency shall be responsible to restore the PBG to its full amount within the time limit as specified by the authority.</p>

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S.No.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)			Revised Clause(s)		
			Sl. No.	Key Deliverables	Timelines	Sl. No.	Key Deliverables	Timelines
16	Page 70 and 71	3.1	1	Supply, delivery, installation and testing of 50% quantity (as per BOQ) of <u>LMV/Frame Mounted Street Sweeper Machines</u> (including connected accessories)	T + 2 months	1	Supply, delivery, installation and testing of 50% quantity (as per BOQ) of <u>Mechanized Vacuum Suction Sweeping machines</u> (including connected accessories)	T + 2 months
			2	Supply, delivery, installation and testing of balance 50% quantity (as per BOQ) of <u>LMV/Frame Mounted Street Sweeper Machines</u> (including connected accessories)	T + 3 months	2	Supply, delivery, installation and testing of balance 50% quantity (as per BOQ) of <u>Mechanized Vacuum Suction Sweeping machines</u> (including connected accessories)	T + 3 months
						3	Commissioning, trial run (1 month) of <u>Mechanized Vacuum Suction Sweeping machines</u> (including connected	T + 4 months (G-Go live)

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)			Revised Clause(s)		
			3	Commissioning, trial run (1 month) of <u>LMV/Frame Mounted Street Sweeper Machines</u> (including connected accessories) (G- Go live / Commercial Operation Date (COD))	T + 4 months (G- Go live)			accessories) (G- Go live / Commercial Operation Date (COD))
			4	O & M period / Warranty period 36 months after completion of Supply, delivery, installation, testing Commissioning and trial run of goods (including connected accessories) under the project ie. After (G- Go live / Commercial Operation Date (COD))	G + 36 Months		4	O & M period / Warranty period 36 months after completion of Supply, delivery, installation, testing Commissioning and trial run of goods (including connected accessories) under the project ie. After (G- Go live / Commercial Operation Date (COD))
								G + 36 Months

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
17	Page 78	4.1	“Name of work under this tender are “Supply, Operation and Maintenance of <u>LMV/Frame Mounted Mechanized Street Sweeping Machines</u>” as listed out in the Bill of Quantities and technical specifications”.	“Name of work under this tender are “Supply, Operation and Maintenance of <u>Mechanized Vacuum Suction Sweeping machines</u>” as listed out in the Bill of Quantities and technical specifications”.
18	Page 82	4.6	“After mounting and assembly of <u>LMV / Frame Mounted Street sweeping machines</u> and other required equipment’s at the manufacturer’s place and after ensuring that all equipment’s are ready for inspection, the Purchaser / Employer shall be informed for Inspection and Testing of the equipment’s. The successful supplier shall arrange to supply one set of complete packages at the manufacturing site in conformity to specifications for ensuring the quality for the entire supply. The Purchaser / a committee comprising of officials from the concerned department / purchaser appointed inspection agency will inspect and certify the quality of specified Equipment’s as per relevant latest	“After mounting and assembly of <u>Mechanized Vacuum Suction Sweeping machines</u> and other required equipment’s at the manufacturer’s place and after ensuring that all equipment’s are ready for inspection, the Purchaser / Employer shall be informed for Inspection and Testing of the equipment’s. The successful supplier shall arrange to supply one set of complete packages at the manufacturing site in conformity to specifications for ensuring the quality for the entire supply. The Purchaser / a committee comprising of officials from the concerned department / purchaser appointed inspection agency will inspect and certify the quality of specified equipment’s as per relevant latest Indian/International Standards and mutually agreed

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
			Indian/International Standards and mutually agreed quality assurance plan. The Supplier shall be responsible to obtain permission and provide all facilities to carry out such testing as required and obtain all required permission for successful inspection and testing”.	quality assurance plan. The Supplier shall be responsible to obtain permission and provide all facilities to carry out such testing as required and obtain all required permission for successful inspection and testing”.
19	Page 83	4.7	“The delivery of the <u>LMV/Frame Mounted Street sweeping machines</u> (including connected accessories) in fully packed and labeled condition as per the statutory norms and the specifications given in the Tender Document to the designated destinations on time shall be the responsibility of the Contractor. The transit loss/theft/pilferage/damage of the goods under any circumstances shall be the liability of the Contractor. Insurance and transit insurance of the goods shall be the liability of the Contractor.”	“The delivery of the <u>Mechanized Vacuum Suction Sweeping machines</u> (including connected accessories) in fully packed and labeled condition as per the statutory norms and the specifications given in the Tender Document to the designated destinations on time shall be the responsibility of the Contractor. The transit loss/theft/pilferage/damage of the goods under any circumstances shall be the liability of the Contractor. Insurance and transit insurance of the goods shall be the liability of the Contractor”.
20	83 and 84	4.9.	“The Supplier immediately after delivery of <u>LMV/Frame Mounted Street Sweeping machines</u> shall arrange for permanent registration in the name of KMC with R.T.O Kochi at Supplier’s own cost including comprehensive insurance and Road Taxes complete for initial	“The Supplier immediately after delivery of <u>Mechanized Vacuum Suction Sweeping machines</u> shall arrange for permanent registration in the name of CSML with R.T.O Kochi at Supplier’s own cost including comprehensive insurance and Road Taxes complete for initial one year period with

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)
			<p>one year period with fitness certificate. Subsequently, for 2nd and 3rd year Supplier shall arrange and ensure the renewal of comprehensive insurance and Road Taxes and fitness certificates. Fees for comprehensive insurance, Road Taxes and fitness certificates for 2nd and 3rd year will be paid directly by the Purchaser on intimation by the supplier. Supplier shall intimate the same to CSML well in advance, at least 21 days prior to expiry date. All penalties arising for delay in payment will be the sole responsibility of the Supplier.</p> <p>The Supplier is responsible for the transportation of <u>LMV/Frame Truck to assembling unit (for mounting Street sweeping machine)</u> including all charges, transit insurances, taxes etc. complete. The Suppliers has to ensure that the temporary registration of <u>LMV/Frame Mounted Street sweeping machine</u> is renewed before expiry with the concerned R.T.O until permanent Registration is obtained. The supplier shall include all these costs in the relevant items in the price schedule”.</p>	<p>fitness certificate. <u>Subsequently, for 2nd and 3rd year Supplier shall arrange and ensure the renewal of comprehensive insurance, Road Taxes and fitness certificates at suppliers own cost. Cost for the same shall deemed to be included in the quoted rates for Operation & maintenance for the second & third year. All penalties arising for delay in renewal of insurance as well as fitness certificate will be the sole responsibility of the Supplier.</u></p> <p>The Supplier is responsible for the transportation of <u>Truck to assembling unit (for mounting Mechanized Vacuum Suction Sweeping machines)</u> including all charges, transit insurances, taxes etc. complete. The Suppliers has to ensure that the temporary registration of <u>Mechanized Vacuum Suction Sweeping machines</u> is renewed before expiry with the concerned R.T.O until permanent Registration is obtained. The supplier shall include all these costs in the relevant items in the price schedule”</p>

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)								
21	87	4.17 WARRANTY	“The Supplier shall ensure for the Street Sweeping machines and allied accessories , a warranty of minimum 3 years from the date of acceptance of the equipment by the purchaser”.	“The Supplier shall ensure for the Street Sweeping machines and allied accessories , a warranty of minimum 3 years from the date of acceptance of the equipment by the purchaser”.								
22	87	4.17 WARRANTY (a)	make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC; During warranty, the supplier shall carry out the calibration of various components of LMV/Frame Mounted street Sweeping machine including its accessories without extra cost once in 6 months.	make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC; During warranty, the supplier shall carry out the calibration of various components of Mechanized Vacuum Suction Sweeping machines including its accessories without extra cost once in 6 months.								
23	96	1.3.13	<table border="1"> <tr> <td>PQ 6</td> <td>Certifications</td> <td>The Sole Bidder (Manufacturer / Authorized dealer) or Lead</td> <td>Valid Copy (ies) of. PAN Card and VAT / / <u>GSTIN</u></td> </tr> </table>	PQ 6	Certifications	The Sole Bidder (Manufacturer / Authorized dealer) or Lead	Valid Copy (ies) of. PAN Card and VAT / / <u>GSTIN</u>	<table border="1"> <tr> <td>PQ 6</td> <td>Certifications</td> <td>The Sole Bidder (Manufacturer / Authorized dealer) or Lead</td> <td>Valid Copy (ies) of. PAN Card and <u>GSTIN</u> Registration certificates</td> </tr> </table>	PQ 6	Certifications	The Sole Bidder (Manufacturer / Authorized dealer) or Lead	Valid Copy (ies) of. PAN Card and <u>GSTIN</u> Registration certificates
PQ 6	Certifications	The Sole Bidder (Manufacturer / Authorized dealer) or Lead	Valid Copy (ies) of. PAN Card and VAT / / <u>GSTIN</u>									
PQ 6	Certifications	The Sole Bidder (Manufacturer / Authorized dealer) or Lead	Valid Copy (ies) of. PAN Card and <u>GSTIN</u> Registration certificates									

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)		Revised Clause(s)			
				<p>Member and all member of its consortium should have a <u>VAT / GSTIN</u> Registration Certificate and also a copy of PAN Card and <u>VAT / GSTIN</u> Registration ∴</p>	<p>Registration certificates</p>		<p>Member and all member of its consortium should have a <u>GSTIN</u> Registration Certificate and also a copy of PAN Card and <u>GSTIN</u> Registration ∴</p>	

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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)	Revised Clause(s)																														
24	Sl. No. 10 at Page 96	ANNEXURE 1.1	<table border="1"> <thead> <tr> <th colspan="5"></th> </tr> </thead> <tbody> <tr> <td>10.</td> <td>Furnish Valid Copy (ies) of PAN Card and <u>VAT / GSTIN</u> Registration certificates in order to fulfill following eligibility criteria</td> <td></td> <td></td> <td>Issuing By: Issuing Date:</td> </tr> <tr> <td></td> <td>Sole Bidder (Manufactu</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						10.	Furnish Valid Copy (ies) of PAN Card and <u>VAT / GSTIN</u> Registration certificates in order to fulfill following eligibility criteria			Issuing By: Issuing Date:		Sole Bidder (Manufactu				<table border="1"> <thead> <tr> <th>Sl. No</th> <th>List of Documents</th> <th>File Name</th> <th>Submitted</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Furnish Valid Copy (ies) of PAN Card and <u>GSTIN</u> Registration certificates in order to fulfill following eligibility criteria</td> <td></td> <td></td> <td>Issuing By: Issuing Date:</td> </tr> <tr> <td></td> <td>Sole Bidder (Manufacturer / Authorized</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sl. No	List of Documents	File Name	Submitted	Description	10	Furnish Valid Copy (ies) of PAN Card and <u>GSTIN</u> Registration certificates in order to fulfill following eligibility criteria			Issuing By: Issuing Date:		Sole Bidder (Manufacturer / Authorized			
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S.N o.	RFP Page No. / Reference	Clause No./Reference	Earlier Clause(s)				Revised Clause(s)							
				rer / Authorized dealer) or Lead Member and all member of its consortium should have <u>VAT / GSTIN</u> Registration Certificate and also PAN Card.						dealer) or Lead Member and all member of its consortium should have <u>GSTIN</u> Registration Certificate and also PAN Card.				

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Appendix-1 of Addendum-1

RFP Clause -Section “2. Scope of Work and Terms of Reference”, Page 43– 52 is replaced with following

2. Scope of Work and Terms of Reference.

2.1 Scope of Work

It is proposed to undertake cleaning of designated roads, service lanes, back lanes and other open public places/grounds in the service area of Municipal Corporation of Cochin (hereinafter referred to as the “Corporation”) through supply and deployment of Mechanized Vacuum Suction Sweeping Machine with Wet/Dry Cleaning Arrangement, to be supplied, installed commissioned and tested within 4 months and operated and maintained for a duration of 3 years after Go-LIVE by the successful bidder (hereinafter referred to as the “agency”).

Online bids/e-tenders are invited from specialized agencies or reputed manufacturers for supply of Mechanized Vacuum Suction Sweeping Machine (hereinafter referred as the “Machine”) and also carry out operations and preventive maintenance of such machines. The agency selected through this tender will be responsible for supply of Four (04) Mechanized Vacuum Suction Sweeping Machine as per mentioned specifications defined in this RFP/Addendum and allied equipment’s.

1. The agency shall be responsible for Operation and Maintenance (comprehensive) of the Machine including supply of manpower, fuel, consumables and other allied works for these machines for a period of three years, after date of supply and approval of same by CSML.
2. The agency shall be responsible for daily road sweeping of the approximate 75 km road length in ABD area and its adjoining areas including collection, storage, transportation and disposal of street sweeping waste.
3. Mechanical sweeping shall also cover footpaths and center verge of specified roads.
4. In case for any reason mechanical sweeping is not possible on a particular day, agency shall make alternate arrangement for sweeping the specified roads manually

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5. The agency shall ensure 100% attendance of the operator(s) and other workers (hereinafter referred to as manpower) and equipment at all the times and furnish daily performance MIS of work executed as per schedule of operation.
6. The agency shall carry out all type of the repairs & maintenance (R&M) related to Radiator leakage, engine water pump, wheel hub, electrical works, external leakages (oil / water / diesel), mechanical / hydraulic settings, transmission settings, brake / steering jobs, brush replacement / repairs etc. and any other R&M related with these machines, within 24 hours of reported breakdown of machine. The agency shall provide a replacement for duration, till the broken equipment is rectified and mobilized back to work. Beyond this, a penalty as per provisions shall be activated and may result in payment deduction as per applicable provisions.
7. The agency must carry out all major repairs such as structural/chassis, engine, hydraulic motor and pumps, clutch overhaul, suspension etc. , provided that they may be required to arrange for a replacement, till the maintained machine is back to work

2.2 Obligation of the Agency/Supplier

The agency is required to ensure the following:-

1. To supply the Machine as per the specifications mentioned in this tender document.
2. The agency shall maintain a small workshop for minor repairs within 1 month of award of contract/ outsource it to local vendors for the same at its discretion. The agency shall ensure smooth availability of consumables & non-consumables inventory in a manner that smooth continuity of daily operations is maintained.
3. The agency shall provide prescribed uniform, and all protective gear required to be worn during operations, to the manpower provided by it, as per job requirements.
4. All equipment deployed shall fulfilled the legal requirements in terms of RTO registration, road tax payment, applicable insurance and all drivers employed are expected to hold fitness certificate and required license, before they start operations. The equipment shall be registered in name of Kochi Municipal Corporation.

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5. The vendor shall also appoint authorized person, who shall be responsible for day to day coordination with designated officials of CSML/Kochi Municipal Corporation regarding street sweeping operations.
6. To provide and deploy sufficient manpower i.e. operators and workers (Both Skilled and Un-Skilled).
7. To provide operation and maintenance facilities as specified in this tender document including obtaining of all the relevant pollution check certificates and fitness certificates from concerned Govt. authorities.
8. To provide insurance cover to the manpower and driving license of respective category.
9. To provide uniform and wages/salaries, ESI, EPF, Medical benefits etc. to its manpower as per applicable statutory laws of Central/State Govt.
10. To appoint one Nodal person who shall be contacted by the Corporation/CSML in connection with day to day activities.
11. To pay electricity charges, water charges and sewer charges etc., if any connections are availed by agency.
12. Payment of the cost of GPS equipment as well as recurring charges for the same.
13. Indemnify the Corporation against any claims and liabilities, whatsoever occurring due to the agency operations related to equipment, manpower and other issues.
14. Handing over of the machine in good operational condition after expiry of contract period.
15. Whenever, the agency considered it necessary that repair is not practically possible to carry out at the site, the Machine can be taken to the agency's dealer site/workshop. The decision to take the Machine to dealer's workshop will be at the sole discretion of the agency. In such case the delivery to/collection of the Machine from the dealer's service location, including towing (if necessary), salvage, freight or other transportation charges, if any, including of providing of the driver, are to be borne by the agency.
16. Establish routine and process for all site activities related to the maintenance of the Machine.
17. On the job training of the technical team of the Corporation shall be given by the agency to carry out activities like daily checks, washing, greasing, general inspection, body bolts tightening and other preventive maintenance
18. The collected waste materials should be brought to nearby secondary collection point of KMC without any additional claim.
19. Insurance and registration charges including road tax of the Machine.

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2.3 Obligation of Corporation.

To provide parking space and space for setting up workshop for carrying out minor repair.

1. Facilitate registration of vehicle with local RTO and payment of road tax.
2. To provide a designated spot/location or vehicles for unloading of the material collected in the Machine through sweeping.
3. Pruning of tree branches, removal of cables etc. or any obstruction which might create hindrance in the movement of machine, for which advance intimation at least 24 hours before shall be given by the agency to the concerned Nodal Officer of Corporation.
4. To provide supervisory staff during the operation.
5. CSML shall not be responsible for penalties raised by law enforcing agencies such as road accidents, traffic violations, which may be caused during the operations by the staff of vendor. He/she shall ensure situations with full legal compliance and no operations are disrupted on account of such activities.

2.4 Service Level agreement

Penalty: - The Managing director, CSML reserves the right to impose financial penalty as follows:

Table 2.1 SLA Particulars

Default	Monitoring Mechanism	Penalty/Deduction	Tolerance	Rectification
In case of failure of supply of mechanical sweepers as defined under deliverables under Project Implementation	As per Physical verification	Rs. 10,000/- per day for the period of delay in terms of days	No Tolerance	Within 15 days from defined timeline under project implementation schedule

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Schedule under clause 3.2 of the RFP.				
Not Covered/swept any road length in ABD area during the O&M period (Refer details of road length on page no. 39 of 45 of Addendum 2)	Through GPS/Physical Verification/Reporting from Site	Rs. 500/- Per Km/Per Day	No Tolerance	Within 24 hours
Non-Deployment of Mechanical Sweepers during the O&M period	Through GPS/Physical Verification/Reporting from Site	Rs. 5000/- Per Day Per vehicle	No penalty in case machine will be deployed within 12 hours after notification	Within 48 hours
Dumping of mechanical sweeping silt at non-designated place	Through GPS/Physical Verification/Reporting from Site	Rs.250/- per instance	No Tolerance	Within 24 hours

In case the amount of penalty during project implementation period including O&M period, is more than 20% of the total O&M charges, the Authority reserves its right to impose penalty separately from liquidated

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damages, but reserving its right to terminate the Contract including other such remedies as per terms and conditions of this Contract and other applicable laws.

2.5 Technical Specifications for the Machines

A. General Specifications:-

1. Mechanized Vacuum Suction Sweeping Machine:

i. The machine should be able to sweep the road/ street etc. at a minimum speed of **5 km/hour** and should be capable of sweeping of various materials like leaves, pebble (by vacuum suction), stones (up to 100 mm size) as well as dust, & dirt etc. The machine should have a dust collector container of minimum **1 Cu. M.**

ii. The entire sweeping operation like lowering and raising of central and side brushes, suction nozzle, operating of sweeping brushes etc. should be hydraulic / pneumatic actuated. The machine should have hydraulic tipping facility for dumping of the collected material. Further, it should have lowering / lifting and locking / unlocking of the rear dump discharge door.

iii. The machine should have a wandering hose, Light weight stainless steel suction nozzle with 4 m long flexible suction hose

a. Minimum Sweeping Width = **2000 mm**

b. Minimum no. of Brushes = **1 center & 2 side**

iv. The vacuum suction system should incorporate a cyclonic separator along with Bag Filters filtration system with continuous cleaning during sweeping with compressed air jets, for efficient, trouble free & cleaning of filters and easy to maintain road sweeping and to ensure that the suction efficiency of the machine is not affected at any time during sweeping due to dust loading Blower exhaust air.

v. Lights should be provided on side brushes, sweeping head & at rear of the machine for an easy night sweeping operations as an option

vi. The machine should be self-sufficient in all aspects including cleaning of dust load, during sweeping operation, with or without spray of water.

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vii. Machine must be able to handle both wet & dry type of waste without any trouble.

Table 2.2 Sweeping Machine Specifications

S. No.	Parameter	Specification
1	Model	Mechanized Vacuum Suction Sweeping Machine
2	Capacity with 1 center and 2 Side Brushes	Min 2000 MM
3	Hopper capacity	Min 1 cu m
4	Sweeping speed	Min 5 km/ hr.
5	Sweeping Capacity	Min 15000 sqm/hr
6	Fuel Tank Capacity	Approx.30 Ltr.
7	Turning Radius	Max. 5000 mm
8	Environmental Compliance	Minimum BS IV Standards
9	Material of Construction for Frame & Body	Heavy Duty Steel Frame
10	Cooling System	Water Cooled
11	Equipment's	Debris hopper, CCD Camera System for reverse parking and Engine compartment mounted on heavy duty truck
12	Hopper Material	SS (SS-304) hopper to withstand corrosion and other coastal area specific issues.
13	Engine	Auxiliary Engine capacity with min 30 HP
14	Sweeping head	Suction nozzles and sweeping brushes
15	Dumping Height	Not greater than 1500 mm
16	Dust Control System	Pleated filtration & cyclone system considering minimum of 200 liter water tanker (SS-304) with sprinkling system to avoid dust emissions
17	Light provision	Side brushes, sweeping head & at rear of the machine
18	Paint	One coat of anti-rusting / anti- corrosion coat, prior to enamel paint coat
19	Controls	Control panel mounted in front of operator including controls and Gauges
20	Permissible Noise Levels	78 Decibel Inside Driver Cabin and Ambient Levels of 85 Decibels during operations

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BOQ – Financial Format

- a. Basic Unit Rate in **Figures** To be entered by the Bidder **Rs. P**

Should be Read as

BASIC UNIT RATE (including Registration, Insurance, Road Tax, Permits, transportation, loading, unloading & all applicable duties, royalties, taxes etc. other than applicable GST) In **Figures** to be entered by the **Bidder Rs.**

- b. Truck Mounted Sweeping Machine

Should be Read as

Mechanized Street Sweeping Machines

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Total Road Length in ABD Area

a. Road Length- Fort Kochi ABD Area

S.No.	Road Name	Length (Km)	Width (m)
1	St Jacob Road - Jew Street	0.26	6.00
2	AB Salem Road	0.25	7.95
3	Jew Town Road	0.52	6.30
4	Synagogue Lane	0.14	3.90
5	Moulana Azan Road	0.39	10.95
6	Bazaar Road	1.25	7.50
7	Panchira Paul Road	0.19	6.90
8	Swasthik Road	0.40	7.23
9	Bombay Tailoring System	0.21	4.60
10	M Mahalu Road	0.33	10.80
11	TA Kunjali Srank Road	0.40	10.20
12	Indian Chamber Road	0.15	9.43
13	Pallupalam Road	1.26	8.90
14	New Road	0.81	11.85
15	Gopalakrishnan Avenue Road	0.22	6.55
16	Pandithan Temple Road	0.48	6.30
17	Jain Temple Road	0.20	7.70
18	Koonam Kurish Road	0.33	5.80
19	Eraveli Road	0.50	9.00
20	Mohammed Abdul Rahman Road	0.95	9.67
21	Off Mohammed Abdul Rahman Road-1	0.11	4.90
22	Off Mohammed Abdul Rahman Road-2	0.11	4.40
23	Off Mohammed Abdul Rahman Road-3	0.11	3.80
24	Kshema Bhavan Road	0.45	7.67
25	off Shiva Raman Road-1	0.26	5.90
26	off Shiva Raman Road-2	0.15	5.00
27	Muhyidheen Palli Road	0.21	8.40
28	Chakkara Idukku Road	0.52	8.23
29	Adhikari Valappu Road	0.69	6.90
30	Dr. JA Bhatt Road	0.39	9.53
31	Karippalem Road	0.36	10.00
32	Govt Higher Secondary School Rd.	0.40	10.70
33	Krishnan Nair Road	0.38	5.00
34	Cheralai Road	1.18	9.87
35	Sindhura Bhagavathi Temple Road	0.25	8.00
36	Church Road	0.43	7.20
37	Kunnumpuram Juma Masjid Road	0.87	8.30
38	Eraveli Canal Road east	0.57	7.80
39	Eraveli Canal Road west	0.57	7.00
40	Mini Market Road	0.45	9.20
41	Mahboob Park Road	0.24	7.90

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42	Near Government Hospital	0.72	10.20
43	Poovath Road	0.47	9.00
44	YMCA Road	0.34	6.00
45	Off Tower Road I	0.13	6.70
46	Off Tower Road II	0.21	5.00
47	River Road	0.15	19.00
48	Tower Road	0.28	8.60
49	Off Tower Road	0.47	18.40
50	Princess Street	0.36	6.50
51	Burgher Road	0.18	5.40
52	Off Princess Street	0.09	5.50
53	Rose Street	0.19	8.00
54	Ridsdale Road	0.29	20.00
55	Parade Road	0.21	11.20
56	St Francis Church Road	0.60	29.50
57	Dutch Cemetery	0.43	8.70
58	Lilli Street	0.15	7.40
59	Fosse Road	0.26	9.40
60	Bastian Road	0.33	9.30
61	Quiros Street	0.18	8.70
62	Santa Cruz Road	0.33	12.00
63	KJ Herschel Road,Elphinston Road	0.78	8.33
64	KL Bernad Master Road	0.30	7.20
65	Ridsdale Branch Road	0.26	6.80
66	CSI Road	0.16	7.00
67	Off KL Bernad Master Road	0.31	5.83
68	Kunnumpuram Road	0.30	5.00
69	Near Pattalam Ground	0.14	4.40
70	Bishop Kureethara Road	0.92	10.50
71	Mac Kenzie Lane	0.24	3.40
72	Pattalam Road	0.24	9.00
73	Chirattapalem Road	0.30	12.70
74	Thamaraparambu Road	0.52	4.80
75	Off Mac Kenzie Lane	0.12	4.80
76	Part KJ Herschel Road,Elphinston Road	0.51	19.50
77	Off Ammankovil Road	0.19	5.00
78	Off Poovath Road	0.17	5.60
	Total	29.71	

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b. Road Length- Ernakulam ABD Area

SI No.	Road Name	Length (Km)	Width (m)
1	Market Road	1.65	8.17
2	TD Road	1.93	7.81
3	P T Usha Road	0.36	10.20
4	A K Sheshadri Road/ Mullassery Canal Rd	0.25	7.10
5	Narakatra Road	0.25	6.73
6	Convent Road	0.43	6.77
7	Gopala Prabhu Road	0.45	6.77
8	Srnivasa Mallan Road	0.27	4.95
9	Vittappa Prabhu Road	0.17	5.38
10	Jew Street	0.77	6.65
11	T D East Sannidhi Road	0.20	6.90
12	TD West Sannidhi	0.56	7.03
13	ASP ROAD	0.49	4.50
14	Kavilvatrom Road	0.31	6.50
15	Payyappilli Road	0.61	5.97
16	Muslim Steet	0.12	7.73
17	Off Muslim Street	0.11	5.01
18	Broadway	1.10	9.81
19	Kuttappayi Road	0.37	11.33
20	Basin Road	0.43	8.13
21	Near market pond	0.13	3.50
22	Syraian Church Road	0.16	6.63
23	Alphonsa Road	0.84	8.03
24	Cleetus Road	0.11	3.17
25	PO link Road	0.20	6.32
26	Merchants road	0.15	4.37
27	Press Club Road	0.19	8.63
28	Theresa Lane 1	0.08	4.20
29	Theresa Lane 2	0.05	4.50
30	Karunakaran Road	0.22	7.23
31	St.Alberts High School Road	0.28	4.50
32	Putharikkal Lane	0.08	6.61
33	Cannon Shed Road	0.33	8.93
34	Off TD Road (Below Cannon Shed Road)	0.11	4.00
35	Thottokattu Road	0.20	8.07
36	Chandra Shekara Menon Road	0.26	7.17
37	K T Koshi Avenue	0.30	12.00
38	MITTATHULLIL GANGA MENON ROAD	0.10	2.61
39	Club Road	0.16	12.20
Total		14.78	

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1.3.14 TECHNICAL EVALUATION CRITERIA (SUPPORTING DOCUMENTS TO BE ATTACHED)

S.No.	Criteria	Maximum Marks (Weightages)	Method of allotting marks for technical score
1	Financial Capability – Annual Turnover - Prime bidder's average annual turnover for the period FY 2014-15, 2015-16 and 2016-17	20 Marks	<p>The Sole Bidder (Manufacturer / Authorized dealer) or the JV (Joint Venture) / consortium members altogether having average annual Turnover of Rs. 93 Lakh and above from sale of Mechanized Street Sweeping Machines.</p> <p>Also, in case of JV (Joint Venture) / consortium satisfying the following:</p> <p>(i) Lead member of JV (Joint Venture) / consortium having minimum average annual Turnover of Rs. 48 Lakh and above and</p> <p>(ii) other member of JV (Joint Venture) / consortium having minimum average annual Turnover of Rs. 45 Lakh and above</p> <p>will be awarded 20 marks and other bidders will be allocated marks proportionately.</p>
2	<p>Experience for having supplied, installed and commissioned, Mechanized Street Sweeping Machines in India</p> <p>Copy of the Client Certificate as a proof has to be attached</p>	30 Marks	<p>Sole bidder / any member of Consortium having supplied, installed and commissioned Mechanized Street Sweeping Machines of more than 8 No.'s in India will be awarded 30 marks and other bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of supplied, installed and commissioned 4 No.'s Mechanized</p>

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			Street Sweeping Machines in India will get 20 marks
3	<p>Experience of operation and maintenance of Mechanized Street Sweeping Machines in a ULB / city of India</p> <p>Copy of the Client Certificate as a proof has to be attached</p>	35 Marks	<p>Sole bidder / any member of Consortium having carried out Operation and Maintenance of Mechanized Street Sweeping Machines each in 2 or above cities / ULBs in India will be awarded 35 marks and other bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of Operation and Maintenance of Mechanized Street Sweeping Machines in one city / ULB in India will get 17.5 marks</p>
4	The identity of the Bidder	15 Marks	If the Sole Bidder or Lead Member or any member of its consortium is Mechanized Street Sweeping Machines manufacturer, will be awarded with 15 marks.

However, there is no marking system against the presentation but successful bidder has to give the comprehensive presentation (approach methodology, O&M Plan etc.) for taking up this assignment

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CORRIGENDUM- 14

Project Name: RFP for Supply, Operation and Maintenance of Mechanized Street Sweeping Machines

S L N O	Pag e No	RFP Volume & Section	Earlier Clause	Revised Clause
1		<p>1. Instruction to Bidders/ Applicants</p> <p>1.2 KEY REQUIREMENTS OF THE BID</p> <p>1.2.2 EARNEST MONEY DEPOSIT (EMD)</p>	<p>1. In terms of this RFP, a Bidder is required to submit EMD of Rs. 1,00,000 (Rupees One Lakh Only) through online e-Tendering Payment Gateway (https://etenders.kerala.gov.in).</p> <p>2. The Unsuccessful Bidder's EMD will be returned on issue of, Letter of Acceptance (LOA) to the Successful bidder. The Bid Security, for the amount mentioned above, of the successful bidder would be returned upon submission of Performance Bank Guarantee for an amount equal to 10% of Total Contract Value in the format provided in Annexure 8 of the RFP.</p> <p>3. No interest will be paid by AUTHORITY on the EMD amount and EMD will be refunded to all Bidders (including the successful bidders) without any accrued interest on it</p> <p>4. The Bid submitted without EMD, mentioned above, will be summarily rejected</p> <p>5. The EMD may be forfeited:</p> <p>a) If a Bidder withdraws his bid or increases his quoted prices during</p>	<p>1. In terms of this RFP, a Bidder is required to submit EMD of Rs. 1,00,000 (Rupees One Lakh Only) through online e-Tendering Payment Gateway (https://etenders.kerala.gov.in).</p> <p>2. The Unsuccessful Bidder's EMD will be returned on signing of contract with the Successful bidder. The Bid Security, for the amount mentioned above, of the successful bidder would be returned upon submission of Performance Bank Guarantee for an amount equal to 10% of Total Contract Value in the format provided in Annexure 8 of the RFP.</p> <p>3. No interest will be paid by AUTHORITY on the EMD amount and EMD will be refunded to all Bidders (including the successful bidders) without any accrued interest on it</p> <p>4. The Bid submitted without EMD, mentioned above, will be summarily rejected</p> <p>5. The EMD may be forfeited:</p> <p>a) If a Bidder withdraws his bid or increases his quoted prices during</p>

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			<p>the period of bid validity or its extended period, if any.</p> <p>b) In case of a successful bidders, if the Bidder fails to sign the contract in accordance with the terms and conditions.</p> <p>c) If during the bid process, a bidder indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.</p> <p>d) If, during the bid process, any information is found false / fraudulent / mala-fide, and then AUTHORITY shall reject the bid and, if necessary, initiate action as per applicable provisions.</p> <p>e) If the bidder does not agree to correct arithmetic error.</p> <p>6. The decision of AUTHORITY regarding forfeiture of the EMD shall be final and binding upon bidders.</p>	<p>the period of bid validity or its extended period, if any.</p> <p>b) In case of a successful bidders, if the Bidder fails to sign the contract in accordance with the terms and conditions.</p> <p>c) If during the bid process, a bidder indulges in any such deliberate act as would jeopardize or unnecessarily delay the process of bid evaluation and finalization.</p> <p>d) If, during the bid process, any information is found false / fraudulent / mala-fide, and then AUTHORITY shall reject the bid and, if necessary, initiate action as per applicable provisions.</p> <p>e) If the bidder does not agree to correct arithmetic error.</p> <p>6. The decision of AUTHORITY regarding forfeiture of the EMD shall be final and binding upon bidders.</p> <p>7. With respect to guarantees issued in favour of CSML, Applicant/contactors/Bidder has to submit the copy of SFMS advice /Swift advice along with the original paper guarantees.</p> <p>8. SFMS/Swift advice to be issued to our below account with Axis Bank and the paper guarantee will be operative only after receiving the SFMS/Swift advice at our Bank.</p> <p>Bank : Axis Bank Limited</p>
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Cochin Smart Mission Limited (CSML)

				Account name : COCHIN SMART MISSION LIMITED Account Number : 918020079716734 IFSC Code : UTIB0000081 Branch : Kochi Branch Swift Code : AXISINBB081
2	101	Annexure 1.5 - Consortium Agreement	DRAFT MEMORANDUM OF UNDERSTANDING EXECUTED BY MEMBERS OF THE CONSORTIUM	Pls. see attached Annexure

For further updates visit website www.etenders.kerala.gov.in, www.csml.co.in, www.kochimetro.org - Under organization name – “Kochi Metro Rail Ltd”.

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Annexure 1.5 - Consortium Agreement

DRAFT MEMORANDUM OF UNDERSTANDING EXECUTED BY MEMBERS OF THE CONSORTIUM

[On Non-judicial stamp paper of Rs 200 duly attested by notary public]

This Memorandum of Understanding (MoU) entered into this day of [Date] [Month] 2018 at [Place] among----- (hereinafter referred to as " ") and having office at [Address], India, as Party of the First Part and ----- (hereinafter referred to as " ") and having office at [Address], as Party of the Second Part and ----- (hereinafter referred to as " ") and having office at [Address], as Party of the Third Part.

The parties are individually referred to as Party and collectively as Parties.

WHEREAS CSML, has issued a Request for Proposal dated [Date] (RFP) from the Applicants interested in RFP for “Supply, Operation and Maintenance of Mechanized Street Sweeping Machines” under Smart City Mission:

AND WHEREAS the Parties have had discussions for formation of a Consortium for bidding for the said Project and have reached an understanding on the following points with respect to the Parties' rights and obligations towards each other and their working relationship.

AS MUTUAL UNDERSTANDING OF THE PARTIES, IT IS HEREBY AGREED AND DECLARED AS FOLLOWS:

- i. The purpose of this Agreement is to define the principles of collaboration among the Parties to:
 - a. Submit a response jointly to Bid for the “RFP “Supply, Operation and Maintenance of Mechanized Street Sweeping Machines” under Smart City Mission as a Consortium.
 - b. Sign Contract in case of award.
 - c. Provide and perform the supplies and services which would be ordered by the Authority pursuant to the Contract.
- ii. This Agreement shall not be construed as establishing or giving effect to any legal entity such as, but not limited to, a company, a partnership, etc. It shall relate solely towards the Authority for “RFP for “Supply, Operation and Maintenance of Mechanized Street Sweeping Machines”” under Smart City Mission for and related execution works to be performed pursuant to the Contract and shall not extend to any other activities.
- iii. The Parties shall be jointly and severally responsible and bound towards the Authority for the performance of the works in accordance with the terms and conditions of the RFP document, and Contract.
- iv. ----- (Name of Party) shall act as Lead Member of the Consortium. As such, it shall act as the coordinator of the Party’s combined activities and shall carry out the following functions:

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- a. To ensure the technical, commercial and administrative co-ordination of the work package
 - b. To lead the contract negotiations of the work package with the Authority.
 - c. The Lead Member is authorized to receive instructions and incur liabilities for and on behalf of all Parties.
 - d. In case of an award, act as channel of communication between the Authority and the Parties to execute the Contract
- v. Each member of the Consortium agrees to place at the disposal of the Joint Venture, the benefit of all its experience, technical knowledge and skill, and shall in all respects bear its share of responsibility and burden of completing the contract. The parties herein shall be responsible for physical and financial distribution of work as under.

Party A or Lead Partner: Financial responsibility: -----(Minimum 51%)
Profit / loss sharing ratio: -----

Party B : Financial responsibility: -----
Profit / loss sharing ratio: -----

Party C : Financial responsibility: -----
Profit / loss sharing ratio: -----

- vi. All rights, interests, liabilities, obligations, risks, costs, expenses and pecuniary obligations and all net profits or net losses arising out of the Contract shall be shared or borne by the Parties in the above Proportions.
- vii. The members in the proportion as mention in clause-v shall contribute sufficient Initial fixed capital for timely execution of the project including commissioning & operating period as per the contract.
- viii. That the Parties shall carry out all responsibilities as Developer in terms of the Project Agreement.
- ix. That the broad roles and the responsibilities of each Party at each stage of the Bidding shall be as below:
Party A:
Party B:
Party C:
- x. That the broad roles and the responsibilities of each Party at each stage of the project execution shall be as below:
Party A:
Party B:
Party C:
- xi. That the Parties affirm that they shall implement the Project in good faith and shall take all necessary steps to see the Project through expeditiously.
- xii. That this MoU shall be governed in accordance with the laws of India and courts in Kerala shall have exclusive jurisdiction to adjudicate disputes arising from the terms herein.



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In witness whereof the Parties affirm that the information provided is accurate and true and have caused this MoU duly executed on the date and year above mentioned.

(Party of the first part)

(Party of the second part)

(Party of the third part)

Witness:

i.

ii.