
Cochin Smart Mission Limited
10th Floor, Revenue Tower, Park Avenue,
Kochi - 682 011, India.
Phone: 0484-2350355, 2380980
E-mail: csmltenders@gmail.com

TnD No.: CSML/ TND / 2018 /64 /074

Dt: 07/08/2018

To:

All participating Bidders

Dear Sir,

Sub:- ADDENDUM-II for the Request for Proposals (RFP) for Implementation of Integrated Traffic Management System in Kochi Under Smart City Mission -Reg.

Ref: **(1) Tender ID: 2018_KMRL_195508_1**

(2) RFP: CSML/Mobility/RFP/001 Dated: 09/03/2018

Other Ref:- (1) CORRIGENDUM 8- Tnd No.: CSML/ TND / 2018 /64 /070 Date: 24/07/2018
(2) CORRIGENDUM 7- Tnd No.: CSML/ TND / 2018 /64 /064 Date: 07/07/2018
(3) **Minutes of the Pre Bid Meeting & ADDENDUM-I**-Tnd No.: CSML/ TND / 2018 /64 /059
Dt: 18/06/2018
(4) CORRIGENDUM 6- Tnd No.: CSML/ TND / 2018 /64 /058 Date: 16/06/2018
(5) CORRIGENDUM -5- Tnd No.: CSML/ TND / 2018 /64 /053 Date: 31/05/2018
(6) CORRIGENDUM -4- Tnd No.: CSML/ TND / 2018 /64 /041 Date: 15/05/2018
(7) CORRIGENDUM -3- Tnd No.: CSML/ TND / 2018 /64 /029 Date: 19/04/2018
(8) CORRIGENDUM -2- Tnd No.: CSML/ TND / 2018 /64 /015 Date: 02/04/2018
(9) NIT Revised- NIT No. CSML/Mobility/RFP/001 Date: 13/03/2018
(10) CORRIGENDUM -1- Tnd No.: CSML/ TND / 2018 /64 /005 Date: 05/03/2018
(11) Notice inviting Tender -NIT No. CSML/Energy/RFP/001 Date: 23/02/2018

With reference to the above, the **ADDENDUM-II** 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: ADDENDUM-II

Sd/-
Managing Director
Cochin Smart Mission Limited

Cochin Smart Mission Limited (CSML)

ADDENDUM-II

For

Request for Proposals (RFP) for Implementation of Integrated Traffic Management System in Kochi Under Smart City Mission

(Tender ID: 2018_KMRL_195508_1)

(RFP: CSML/Mobility/RFP/001 Dated: 09/03/2018)

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.

** Note: In this document, wherever ADDENDUM-I or Minutes of Pre-bid Meeting is indicated it refers to the **Minutes of the Pre Bid Meeting & ADDENDUM-I issued vide-TnD No.: CSML/TND / 2018 /64 /059 Dt: 18/06/2018***

1	<p>In Clause No. 1.2.2. Earnest Money Deposit (EMD) Under “1. Instruction to Bidders”, [page 13]</p> <p><u>‘Contents published as’</u></p> <div data-bbox="289 1234 1503 1415" style="border: 1px solid black; padding: 5px;"><p>In terms of this RFP, a Bidder is required submit EMD of Rs. 5,00,000 (Rupees Five Lakh Only) in the form of Bank guarantee issued by a scheduled commercial bank in India Or through online e-Tendering Payment Gateway</p></div> <p><u>‘to be read as’</u></p> <div data-bbox="289 1507 1503 1822" style="border: 1px solid black; padding: 5px;"><p>In terms of this RFP, a Bidder is required to submit EMD of Rs. 5,00,000 (Rupees Five Lakh Only) in the form of Bank guarantee issued by a scheduled commercial bank in India issued in favour of Managing Director, Cochin Smart Mission Limited, Payable at Kochi. Validity of Bid security: In case of bid security issued in the form of Bank guarantee, shall originally be compulsorily valid for 180 days. Otherwise bids are likely to be rejected. Format of the Bid security is provided in Annexure 7 of the RFP.</p></div>
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2	<p>For Clause No. 1.4.4. Pre-Qualification Criteria-Table pertaining to (1) Sl.No.PQ1 –Legal Entity and (2) ‘Sl.No.PQ3 –Experience Under “1. Instruction to Bidders”, and further amended vide Sl. No.14 of Minutes of Pre-Bid Meeting*[page 14] and Sl. No.3 [page 122] of *ADDENDUM-I* – under the columns “Specific requirements” and “Documents Required” at Page 22– <u>‘Contents published as’</u></p>														
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl. No</th> <th style="width: 15%;">Basic Requirement</th> <th style="width: 45%;">Specific Requirements</th> <th style="width: 30%;">Documents Required</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">PQ1</td> <td style="text-align: center;">Legal Entity</td> <td>The Sole Bidder or the Lead Member and 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</td> <td> <ul style="list-style-type: none"> Copy of Certificate of Incorporation / Registration under Companies Act, 1956/2013 </td> </tr> <tr> <td style="text-align: center;">PQ3</td> <td style="text-align: center;">Experience</td> <td>The Sole Bidder or Lead Member or any member of its consortium should have successfully supplied and implemented (1) at least 1 (One) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 24 Crores OR (2) at least 2 (Two) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 15 Crores each OR (3) at least 3 (Three) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 12 Crores each in last 5 (Five) financial years (FY 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18)</td> <td> <ul style="list-style-type: none"> Copy of Work Order(s) Copy of completion certificate(s) </td> </tr> </tbody> </table>	Sl. No	Basic Requirement	Specific Requirements	Documents Required	PQ1	Legal Entity	The Sole Bidder or the Lead Member and 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	<ul style="list-style-type: none"> Copy of Certificate of Incorporation / Registration under Companies Act, 1956/2013 	PQ3	Experience	The Sole Bidder or Lead Member or any member of its consortium should have successfully supplied and implemented (1) at least 1 (One) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 24 Crores OR (2) at least 2 (Two) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 15 Crores each OR (3) at least 3 (Three) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 12 Crores each in last 5 (Five) financial years (FY 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18)	<ul style="list-style-type: none"> Copy of Work Order(s) Copy of completion certificate(s) 		
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PQ1	Legal Entity	The Sole Bidder or the Lead Member and 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	<ul style="list-style-type: none"> Copy of Certificate of Incorporation / Registration under Companies Act, 1956/2013 												
PQ3	Experience	The Sole Bidder or Lead Member or any member of its consortium should have successfully supplied and implemented (1) at least 1 (One) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 24 Crores OR (2) at least 2 (Two) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 15 Crores each OR (3) at least 3 (Three) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 12 Crores each in last 5 (Five) financial years (FY 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18)	<ul style="list-style-type: none"> Copy of Work Order(s) Copy of completion certificate(s) 												
	<p><u>‘to be read as’</u></p>														

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Sl. No	Basic Requirement	Specific Requirements	Documents Required
PQ1	Legal Entity	<p>Sole bidder / Lead Bidder</p> <p>The Sole Bidder or the Lead Member and consortium Members should be registered in India under Companies Act 1956/2013 (as amended) and should have been in operation for at least 3 years as on date</p>	<p>Sole bidder / Lead Bidder and Consortium Members shall furnish following</p> <ul style="list-style-type: none"> • Copy of Certificate of Incorporation • Copy of Registration under Companies Act, 1956/2013 / Copy of Registration Certificates • Copy of purchase orders showing at least 3 years of operations OR Certified true copy of relevant extracts of balance sheet and profit loss statements for last 3 years demonstrating bidder have been in operation for at least 3 years as on date of submission of the bid
PQ3	Experience	<p>The Sole Bidder or Lead Member or any member of its consortium should have successfully supplied and substantially* implemented or completed (1) at least 1 (One) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 24 Crores OR (2) at least 2 (Two) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 15 Crores each OR (3) at least 3 (Three) Integrated Traffic Management System (ITMS) with the project cost not less than Rs. 12 Crores each In India or abroad during 1st March 2011 through 28th February 2018 for any PSU /</p>	<p>Sole bidder / Lead Bidder or any Consortium Members shall furnish following</p> <p><u>In Case of ongoing project</u></p> <p>Case study + Copy of work order + Assignment Details as per the format provided.</p> <p><u>In Case of completed project</u></p> <p>Case study + Copy of work order + Assignment Details as per the format provided.+ Completion Certificate</p> <p>In case of Non-Disclosure Agreement (NDA), Company</p>

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		<p><u>Government Institution / Urban Local Bodies / government offices.</u></p> <p><u>Bidder can propose separate (one or more) projects for each component for evaluation.</u></p> <p><u>*Note: substantially implemented means scope of works included under the Contract has been physically and financially completed by more than 80% (Copy of work done / experience certificate clearly indicating the same shall be furnished).</u></p> <p><u>(For works done in India, Experience certificate issued by person not lesser than rank of executive engineer or who so ever issued the contract shall be provided).</u></p> <p><u>(For works done Abroad, Experience certificate issued by contract issuing authority or by authorized appropriate authority shall be provided).</u></p>	<p>Secretary / Chartered Accountant Signed Certificate providing details of Scope of work and Value and stage of project.</p> <p>In case the experience shown is that of the bidder's parent / subsidiary company, then the following additional documents are required:</p> <ul style="list-style-type: none"> • Letter from the Company Secretary/ Chartered Accountant of the bidder certifying that the entity whose experience is shown is parent/subsidiary Company • Shareholding pattern of the bidding entity as per audit reports • Parent Company and subsidiary company shall be construed as defined under company's act 2013 <p>The format for finishing project details are enclosed as Annexure 1.4.1, 1.4.2 and 1.4.3</p>
	<p>Note:</p>	<ol style="list-style-type: none"> 1. For International projects, copy of client certificate and other documents shall be duly verified by Indian embassy / High Commission. The same shall be submitted with the bid document. 2. For projects where fee has been received in any currency other than Indian Rupees, then the foreign currency conversion rate available on Reserve Bank of India's portal as on 9th March 2018 shall be used for conversion of amount in foreign currency to Indian Rupees equivalent. 3. Bidders are allowed to submit experience in terms of technical qualification of 	

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their holding company and/or subsidiary company only. Experience of the parent company and subsidiaries in the same domain abroad can be considered if the subsidiary in India is held by more than 51% stake holding. An Undertaking Letter in the form annexed as Annexure 2.5 (attached) to be submitted from parent Company that, there will be unconditional support to the bidding entity for technology / software etc. However, the parent/ subsidiary company of the Bidder should on its own meet the technical experience as stipulated in this RFP and should not rely for meeting the technical experience criteria on its sister subsidiary/ co-subsiary company or through any other arrangement like Technical Collaboration agreement. For the purpose of this clause,

4. a holding company, in relation to one or more other companies, means a company of which such companies are subsidiary companies; and
5. a subsidiary company' in relation to any other company (that is to say the holding company), means a company in which the holding company— (a) controls the composition of the Board of Directors; or (b) exercises or controls more than one-half of the total share capital at its own
6. For the purpose of evaluation criteria, if the bidding company (the lead bidder in case of consortium) is 100% subsidiary of an international or Indian company then the lead bidder's parent company's or parent company's other subsidiary relevant experience can be considered as lead bidder's experience.
7. Projects executed for bidder's own or bidder's group of companies shall not be considered.

For the above criteria bidder means Sole bidder / Lead bidder or its consortium partners (in case of consortium)

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3	<p>In Clause No. 1.4.5. Technical Evaluation Criteria-Table pertaining to (1) Experience of implementing Integrated Traffic Management System (ITMS) system in India [at Page 24] (2) Experience in Supply & Implementation of ATCS / VA Managed Signals (3) Experience of implementing Control Centre with either (i) ATCS or (ii) V A Signals or (iii) Surveillance system [(2) and (3) were amended vide Sl. No.6 [page 124] and Sl. No.7 [page 125] of ADDENDUM-I*] under the columns “Criteria” and “Method of allotting marks for technical score”– ‘Contents published as’</p>		
Criteria	Maximum Marks (Weightages)	Method of allotting marks for technical score	
<p>Experience of implementing Integrated Traffic Management System (ITMS) system in India</p>	15 Marks	<p>Sole bidder / any member of Consortium having implemented 2 or above Integrated Traffic Management System (ITMS) system will be awarded 15 marks and other bidders will be allocated marks proportionately.\</p> <p>E.g. Bidder with experience of 1 Integrated Traffic Management System (ITMS) system will get 7.5 marks</p>	
<p>Experience in Supply & Implementation of ATCS / VA Managed Signals</p> <p>Copy of the Client Certificate as a proof has to be attached</p>	15 Marks	<p>Sole bidder / any member of Consortium having carried out 20 ATCS / VA Managed Signals or above will be awarded 15 marks and other bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of 10 ATCS / VA Managed Signals will get 7.5 marks</p>	
<p>Experience of implementing Control Centre with either (i) ATCS or (ii) V A Signals or (iii) Surveillance system</p> <p>Copy of the Client Certificate as a proof has to be attached.</p>	15 Marks	<p>Sole bidder / any member of Consortium having implemented Control Centre with either (i) ATCS or (ii) VA Signals or (iii) Surveillance system in 2 cities or above will be awarded 15 marks and other bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of implementing 1 Control Centre with either (i) ATCS or (ii) VA Signals or (iii) Surveillance system will get 7.5 marks</p>	

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'to be read as'

Criteria	Maximum Marks (Weightages)	Method of allotting marks for technical score
Experience of implementing Integrated Traffic Management System (ITMS) system in India <u>or abroad</u>	15 Marks	<p>Sole bidder / any member of Consortium having implemented 2 or above Integrated Traffic Management System (ITMS) system will be awarded 15 marks and other bidders will be allocated marks proportionately.\</p> <p>E.g. Bidder with experience of 1 Integrated Traffic Management System (ITMS) system will get 7.5 marks</p> <p><u>Marks will be allocated at 75% of the marks indicated above in case of experience outside India</u></p>
Experience in Supply & Implementation of ATCS / VA Managed Signals in India <u>or abroad</u>	15 Marks	<p>Sole bidder / any member of Consortium having carried out 20 ATCS / VA Managed Signals or above will be awarded 15 marks and other bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of 10 ATCS / VA Managed Signals will get 7.5 marks</p> <p><u>Marks will be allocated at 75% of the marks indicated above in case of experience outside India</u></p>
Experience of implementing Control Centre with either (i) ATCS or (ii) V A Signals or (iii) Surveillance system in India <u>or abroad</u>	15 Marks	<p>Sole bidder / any member of Consortium having implemented Control Centre with either (i) ATCS or (ii) VA Signals or (iii) Surveillance system in 2 cities or above will be awarded 15 marks and other bidders will be allocated marks proportionately.</p> <p>E.g. Bidder with experience of implementing 1 Control Centre with either (i) ATCS or (ii) VA Signals or (iii) Surveillance system will get 7.5 marks</p>

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		<p><u>Marks will be allocated at 75% of the marks indicated above in case of experience outside India</u></p>
<p>Documents required to be furnished for all the above Criterias:</p> <p>Sole bidder / Lead Bidder or any Consortium Members shall furnish following:</p> <p><u>In Case of ongoing project</u></p> <p>Case study + Copy of work order + Assignment Details as per the format provided+ certificate on stage of completion.</p> <p><u>In Case of completed project</u></p> <p>Case study + Copy of work order + Assignment Details as per the format provided.+ Completion Certificate</p> <p>In case of Non-Disclosure Agreement (NDA), Company Secretary / Chartered Accountant Signed Certificate providing details of Scope of work and Value and stage of project.</p> <p>In case the experience shown is that of the bidder’s parent / subsidiary company, then the following additional documents are required:</p> <ul style="list-style-type: none"> • Letter from the Company Secretary/ Chartered Accountant of the bidder certifying that the entity whose experience is shown is parent/subsidiary Company • Shareholding pattern of the bidding entity as per audit reports • Parent Company and subsidiary company shall be construed as defined under company’s act 2013 <p>The format for finishing project details are enclosed as Annexure 1.4.1, 1.4.2 and 1.4.3</p>		
<p>Note:</p> <ol style="list-style-type: none"> 1. For International projects, copies of client certificate and other documents shall be duly verified by Indian embassy / High Commission. The same shall be submitted with the bid document. 2. For projects where fee has been received in any currency other than Indian Rupees, then the foreign currency conversion rate available on Reserve Bank of India’s portal as on 9th March 2018 shall be used for conversion of amount in foreign currency to Indian Rupees equivalent. 3. Bidders are allowed to submit experience in terms of technical qualification of their 		

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holding company and/or subsidiary company only. Experience of the parent company and subsidiaries in the same domain abroad can be considered if the subsidiary in India is held by more than 51% stake holding. An Undertaking Letter to be submitted from parent Company that, there will be unconditional support to the subsidiary for technology / software etc. However, the parent/ subsidiary company of the Bidder should on its own meet the technical experience as stipulated in this RFP and should not rely for meeting the technical experience criteria on its sister subsidiary/ co-subsiary company or through any other arrangement like Technical Collaboration agreement. For the purpose of this clause,

4. a holding company, in relation to one or more other companies, means a company of which such companies are subsidiary companies; and
5. a subsidiary company' in relation to any other company (that is to say the holding company), means a company in which the holding company— (a) controls the composition of the Board of Directors; or (b) exercises or controls more than one-half of the total share capital at its own
6. For the purpose of evaluation criteria, if the bidding company (the lead bidder in case of consortium) is 100% subsidiary of an international or Indian company then the experience of lead bidder's parent company or parent company's other subsidiary can be considered as lead bidder's experience.
7. Projects executed for bidder's own or bidder's group of companies shall not be considered.

For the above criteria bidder means Sole bidder / Lead bidder or its consortium partners (in case of consortium)

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4	<p>For Clause No. 1.4.4. Pre-Qualification Criteria of Sl. No. PQ5- Certifications, Under “1. Instruction to Bidders” and further amended vide Sl. No.4 [page 122] of ADDENDUM-I* – <u>‘Sentence published as’</u></p> <p>“The Sole Bidder or the Lead Member of consortium should have a valid <u>ISO 9001:2015 and ISO 27001:2013</u>. Also, the Lead bidder (System Integrator) should be <u>CMM level 5/ISO 9001:2015 certified.</u>”</p> <p><u>‘to be read as’</u></p> <p>“The Sole Bidder or the Lead Member of consortium should have a valid <u>ISO 27001:2013 certification</u>. Also, the Sole Bidder or the Lead Member of consortium should have <u>ISO 9001:2015 or CMM 5 certification</u>”</p> <p>Similarly,</p> <p>Also, for Sl.No.7 of Annexure 1.1 - Check-list for the Pre-Qualification Proposal, and further amended vide Sl. No.4 [page 122] of ADDENDUM-I* -<u>‘Sentence published as’</u></p> <p>“Valid copy of <u>ISO 9001:2015 and ISO 27001:2013 certifications</u>. Also <u>CMM level 5/ISO 9001:2015 certifications</u>”.</p> <p><u>‘to be read as’</u></p> <p>“The Sole Bidder or the Lead Member of consortium should furnish a valid <u>ISO 27001:2013 certification</u>. Also, the Sole Bidder or the Lead Member of consortium should furnish <u>ISO 9001:2015 or CMM 5 certification</u>”.</p>
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5	<p>In Minutes of Pre-bid Meeting* under clarifications of Sl. No. 46 at Page 86 and 87 of Clause 2.7.3 Fixed Camera <u>'Sentence published as'</u></p> <p>'Vendors to consider <u>optimal shutter speeds for capture of speeds upto 120 kph'</u></p> <p><u>'to be read as'</u></p> <p>'Vendors to consider <u>shutter speeds for capture speeds upto 200 kph'</u></p>
6	<p>Annexure 1.4 – Format to Project Citation at Page 104–</p> <p><u>'Replaced by'</u></p> <p>Annexure 1.4.1 - Format to Project Citation- Experience</p> <p>Annexure 1.4.2 - Credential Summary</p> <p>Annexure 1.4.3 - Bidder's Experience - Client Citations</p> <p>Attached at the end of the document</p>
7	<p>For "CERTIFICATE AS TO AUTHORISED SIGNATORIES" at Page 109 <u>'following is also accepted'</u></p> <p>'CERTIFICATE AS TO AUTHORISED SIGNATORIES or Board Resolution clearly indicating the authorization'</p>
8	<p>For Clause No. 2.3.4. PTZ and Fixed Camera's, Under the heading "2.3. Description of Equipment", in "2. Scope of Work and Terms of Reference" and further amended vide Sl. No.12 [page 127] of ADDENDUM-I*, <u>'Paragraph published as'</u></p> <p><u>"Apart from Traffic Surveillance cameras providing a bird's eye view of the traffic situation, most modern day camera's come with edge analytic features that enable the detection of over speeding, lane changing, stop line violation and rash driving. These camera's coupled with Automatic Number Plate Recognition can help in booking violations automatically. Live feeds from the cameras installed at strategic locations also through manual means can book helmetless driving, driving without seat belt, talking on mobile while driving etc. These cameras can also be used to monitor any unforeseen situation at any location such as major accidents, traffic disruption due to any security considerations. Appropriate immediate action can then be taken by the traffic police."</u></p>

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	<p><u>'to be read as'</u></p> <p><u>“Traffic Surveillance cameras essentially provide a bird’s eye view of the traffic situation. Live feeds from the cameras installed at strategic locations at intersections, are obtained at the Control Center and traffic violations can be booked immediately. These cameras can also be used to monitor any unforeseen situation at any location such as major accidents, traffic disruption due to any security considerations. Appropriate immediate action can then be taken by the traffic police.”</u></p>								
9	<p>For Clause No.2.7.1 VA Traffic Signals / ATCS under the heading “2.7 Broad Specifications”, under Section “2. Scope of Work and Terms of Reference” and further amended vide SI. No.15 [page 129] of ADDENDUM-I*, under Appendix-1 Of Addendum-Under the heading “Table 1.2 Signal Lamp Specifications General” [Page 140] <u>'Contents published as'</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 50%;">Item</th> <th style="width: 50%;">Specifications</th> </tr> </thead> <tbody> <tr> <td>Convex <u>Tinted</u> Lens</td> <td>Available, with Visors</td> </tr> </tbody> </table> <p><u>'to be read as'</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 50%;">Item</th> <th style="width: 50%;">Specifications</th> </tr> </thead> <tbody> <tr> <td>Convex <u>Plain or Tinted</u> Lens</td> <td>Available, with Visors</td> </tr> </tbody> </table>	Item	Specifications	Convex <u>Tinted</u> Lens	Available, with Visors	Item	Specifications	Convex <u>Plain or Tinted</u> Lens	Available, with Visors
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For Clause No.2.7.1 VA Traffic Signals / ATCS under the heading “2.7 Broad Specifications”, under Section “2. Scope of Work and Terms of Reference” and further amended vide Sl. No.15 [page 129] of ADDENDUM-I*, under Appendix-1 Of Addendum-Under the heading “Table 1.3 Signal Lamp Specifications ” [Page 140] **‘Contents published as’**

Description	RED LED	AMBER LED	GREEN LED
Operating Temperature range	0° C to +85° C	0° C to +85° C	0° C to +85° C
Intensity of full aspect	260 Cd Minimum	380 Cd Minimum	400 Cd Minimum

‘to be read as’

Description	RED LED	AMBER LED	GREEN LED
Operating Temperature range	15° C to +60° C (conforming to Class A)	15° C to +60° C (conforming to Class A)	15° C to +60° C (conforming to Class A)
Intensity of full aspect	260 Cd Minimum	380 Cd Minimum	200 Cd Minimum

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11	<p>For Clause No. 2.3.7. Control Centre, Under “2. Scope of Work and Terms of Reference” and further amended vide Sl. No.14 [page 129] of ADDENDUM-I*, at the end of the <u>‘Paragraph published as’</u></p> <p>“The data from the Cameras and devices shall be transmitted on dedicated MPLS VPN using GPON, 4G or Wi-Fi with inbuilt redundancy to the SaaS based Solution Management System located in the cloud which should be minimum Tier III certified. All software solutions which are part of the ITMS should be provided as a SaaS hosted in a tier III data center with DRC. State of the art AI and big data analysis shall ensure that Cameras, VMS, RLVD, Sensors, IoT are functioning in a controlled efficient manner. The ITMS solution shall be tested and audited by a competent third party appointed by the client”.</p> <p><u>‘following paragraphs are added’</u></p> <p><u>It is envisioned that video/image data will be stored in the cloud and backed up in the Data Center (Situated in the Control Centre while other data feeds could be held in the Cloud /edge devices.</u></p> <p><u>The control centre is tentatively fixed on the second floor of North Police Station. The approximate dimension is 2500 square feet.</u></p> <p><u>Activities at the control centre will include Challaning of vehicles booked via manual means. All automatic detection feeds should be made available to an automated challaning centre elsewhere.</u></p>						
12	<p>For Clause No.2.7.1 VA Traffic Signals / ATCS under the heading “2.7 Broad Specifications”, under Section “2. Scope of Work and Terms of Reference” and further amended vide Sl. No.15 [page 129] of ADDENDUM-I*, under Appendix-1 Of Addendum-Under the heading “Table 1.4 Timer Specifications” [Page 141 and 142] <u>‘Contents published as’</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 50%; padding: 5px;">Item</th> <th style="width: 50%; padding: 5px;">Specifications</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Wireless Countdown Mode</td> <td style="padding: 5px;">Users Xbee band with controller (up to 1 km near line of sight)</td> </tr> <tr> <td style="padding: 5px;">Cabinet size (<u>2 digit</u>)</td> <td style="padding: 5px;">As per OEM supply</td> </tr> </tbody> </table> <p><u>‘to be read as’</u></p>	Item	Specifications	Wireless Countdown Mode	Users Xbee band with controller (up to 1 km near line of sight)	Cabinet size (<u>2 digit</u>)	As per OEM supply
Item	Specifications						
Wireless Countdown Mode	Users Xbee band with controller (up to 1 km near line of sight)						
Cabinet size (<u>2 digit</u>)	As per OEM supply						

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13	<p>For Clause No. 2.7.2. PTZ Camera under the heading “2.7 Broad Specifications”, under Section “2. Scope of Work and Terms of Reference” and further amended vide Sl. No.16 [page 129] of ADDENDUM-I*, under Appendix-2 Of Addendum-Under the heading “Table 2.1 PTZ camera Technical specifications” [Page 148] <u>‘Contents published as’</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl. No.</th> <th style="width: 40%;">Description</th> <th style="width: 50%;">Requirement</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Optical Zoom</td> <td><u>47X</u> or Better</td> </tr> <tr> <td>10</td> <td>Tilt Speed</td> <td>Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: <u>200°/s</u></td> </tr> </tbody> </table> <p><u>‘to beread as’</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl. No.</th> <th style="width: 40%;">Description</th> <th style="width: 50%;">Requirement</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>Optical Zoom</td> <td><u>30X</u> or Better</td> </tr> <tr> <td>10</td> <td>Tilt Speed</td> <td>Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: <u>160°/s</u></td> </tr> </tbody> </table>	Sl. No.	Description	Requirement	4	Optical Zoom	<u>47X</u> or Better	10	Tilt Speed	Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: <u>200°/s</u>	Sl. No.	Description	Requirement	4	Optical Zoom	<u>30X</u> or Better	10	Tilt Speed	Tilt Manual Speed: 0.1°~120°/s, Tilt Preset Speed: <u>160°/s</u>
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14	<p>For Clause No. 2.7.3. Fixed Camera under the heading “2.7 Broad Specifications”, under Section “2. Scope of Work and Terms of Reference” and further amended vide Sl. No.16 [page 129] of ADDENDUM-I*, under Appendix-2 Of Addendum-Under the heading “2.2 Fixed Camera -Technical Specifications” [Page 150] <u>‘Contents published as’</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr style="background-color: #f2f2f2;"> <th style="text-align: center;">Sl. No.</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Requirement</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td>Lens</td> <td>5~<u>90mm</u> - Motorized Zoom Autofocus Lens</td> </tr> <tr> <td style="text-align: center;">10</td> <td>Protocols</td> <td>TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, <u>PPPoE</u>, NTP, UPnP, SMTP, <u>SNMP</u>, IGMP, 802.1X, QoS, IPv6, <u>Bonjour</u></td> </tr> <tr> <td style="text-align: center;">11</td> <td>Standard</td> <td>ONVIF(<u>PROFILE S,PROFILE G</u>),<u>PSIA,CGI,ISAPI</u></td> </tr> <tr> <td style="text-align: center;">16</td> <td>IR Distance</td> <td><u>180 meters</u> or Better</td> </tr> </tbody> </table> <p><u>‘to be read as’</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f2f2f2;"> <th style="text-align: center;">Sl. No.</th> <th style="text-align: center;">Description</th> <th style="text-align: center;">Requirement</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td>Lens</td> <td>5~<u>50mm</u> - Motorized Zoom Autofocus Lens</td> </tr> <tr> <td style="text-align: center;">10</td> <td>Protocols</td> <td>TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6</td> </tr> <tr> <td style="text-align: center;">11</td> <td>Standard</td> <td>ONVIF</td> </tr> <tr> <td style="text-align: center;">16</td> <td>IR Distance</td> <td><u>120 m</u> or better</td> </tr> </tbody> </table>	Sl. No.	Description	Requirement	4	Lens	5~ <u>90mm</u> - Motorized Zoom Autofocus Lens	10	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, <u>PPPoE</u> , NTP, UPnP, SMTP, <u>SNMP</u> , IGMP, 802.1X, QoS, IPv6, <u>Bonjour</u>	11	Standard	ONVIF(<u>PROFILE S,PROFILE G</u>), <u>PSIA,CGI,ISAPI</u>	16	IR Distance	<u>180 meters</u> or Better	Sl. No.	Description	Requirement	4	Lens	5~ <u>50mm</u> - Motorized Zoom Autofocus Lens	10	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6	11	Standard	ONVIF	16	IR Distance	<u>120 m</u> or better
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15	<p>In Annexure 3.2 - Financial Proposal Format & Instructions in Sl.No.a) [Page 114] at the end of paragraph <u>‘Sentence published as’</u> ‘ie Technical proposal and Prequalification documents along with EMD’.</p> <p><u>‘Deleted’</u></p>																														

Bidders shall make note of the same & submit their Proposals accordingly.

Sd/-
Managing Director
Cochin Smart Mission Limited

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Annexure 1.4.1 - Format to Project Citation- Experience

Self-Certification for project execution experience to be furnished comprising of following details / format in Bidder's letter head. (Lead Bidder / Consortium member is requested to furnish)

This is to certify that <Name of Bidder> has been awarded with the following projects as detailed below:

Sl. No	Item	Details	Attachment Ref. Number
1	Name of the Project		
2	Date of Work Order		
3	Client Details (Name, Designation,, Contact details and complete address)		
4	Scope of Work		
5	Contract Value in (INR)		
6	Current status of the project (Completed /Ongoing / Withheld)		
7	Activities / scope of work completed by Bidding entity as on 28 th February 2018		
8	Value of work completed for which payment received		
9	Start Date and Completion Date		
10	% of physical progress and % of financial progress as on 28 th February 2018		

Note: The Bidder is required to use above formats for all the projects referenced by the bidder for the Pre-Qualification criteria and technical bid evaluation.

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Annexure 1.4.2 - Credential Summary

Lead Bidder / Consortium member is requested to submit the details in the following format

Sl. No.	Name of Project	Name of Client	*Client Type	Project / Contract Value (in INR)	**Project Components	*** Documentary Evidence provided (Yes / No)	**** Project Status (Completed / Ongoing / Withheld)
1							
2							
3							
4							
5							
6							
7							
8							
9							

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Sl. No.	Name of Project	Name of Client	*Client Type	Project / Contract Value (in INR)	**Project Components	*** Documentary Evidence provided (Yes / No)	**** Project Status (Completed / Ongoing / Withheld)
10							
11							
12							

NOTE:

***Client type –**

- Indicate whether the client is **Government or PSU or Private**

****Project Components –**

- Indicate the major project components

*****Documentary evidence provided –**

- Indicate the documentary evidence provided with the detailed project credential like **work order / purchase order / completion certificate / letter of appointment**

******Project Status –**

- **Completed (date of project completion) or Ongoing (project start date)**

Annexure 1.4.3 - Bidder's Experience - Client Citations

Lead Bidder / Consortium member is requested to furnish the credentials in the following format for both Pre-qualification and Technical criterion. All credentials should be followed by relevant documentary proof.

General Information

- (a) Name of the project
- (b) Client for which the project was executed
- (c) Name and contact details of the client

Project Details

- (d) Description of the project
- (e) Scope of services
- (f) Technologies used
- (g) Relevance to the current project
- (h) Outcomes of the project

Other Details

- (i) Total cost of the project
- (j) Total cost of the services provided by the respondent

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- (k) Duration of the project (no. of months, start date, completion date, current status)

Other Relevant Information

- (l) Letter from the client to indicate the successful completion of the projects (if any)
- (m) Copy of Work Order/Agreement

N.B - If the project is ongoing, bidder must clearly specify which of the stages/phases/milestones are completed and which are ongoing and at what stage of completion and produce a self-certificate



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Annexure 2. 5 – Parent Company Guarantee for support to bidder

Brief description of Contract-----

Name and address of Employer -----(together with successors and assigns).

We have been informed that ----- (hereinafter called the "Contractor") is submitting an offer for such Contract in response to your invitation, and that the conditions of your invitation require his offer to be supported by a parent company guarantee.

In consideration of you, the Employer, awarding the Contract to the Contractor, we (----- name of parent company) irrevocably and unconditionally guarantee to you, as a primary obligation, the due performance of all the Contractor's obligations and liabilities under the Contract, including the Contractor's compliance with all its terms and conditions according to their true intent and meaning.

If the Contractor fails to so perform his obligations and liabilities and comply with the Contract, we will indemnify the Employer against and from all damages, losses and expenses (including legal fees and expenses) which arise from any such failure for which the Contractor is liable to the Employer under the Contract.

This guarantee shall come into full force and effect when the Contract comes into full force and effect. If the Contract does not come into full force and effect within a year of the date of this guarantee, or if you demonstrate that you do not intend to enter into the Contract with the Contractor, this guarantee shall be void and ineffective. This guarantee shall continue in full force and effect until all the Contractor's obligations and liabilities under the Contract have been discharged, when this guarantee shall expire and shall be returned to us, and our liability hereunder shall be discharged absolutely.

This guarantee shall apply and be supplemental to the Contract as amended or varied by the Employer and the Contractor from time to time. We hereby authorise them to agree any such amendment or variation, the due performance of which and compliance with which by the Contractor are likewise guaranteed hereunder. Our obligations and liabilities under this guarantee shall not be discharged by any allowance of time or other indulgence whatsoever by the Employer to the Contractor, or by any variation or suspension of the works to be executed under the Contract, or by any amendments to the Contract or to the constitution of the Contractor or the Employer, or by any other matters, whether with or without our knowledge or consent.

This guarantee shall be governed by the law of the same country (or other jurisdiction) as that which governs the Contract and any dispute under this guarantee shall be finally settled under the Rules of Arbitration of the same country by one or more arbitrators appointed in accordance with such Rules. We confirm that the benefit of this guarantee may be assigned subject only to the provisions for assignment of the Contract.

Date

Authorised Signature (s)

With Seal of Company