

**NATIONAL TRANSPORT AUTHORITY**  
**MSI Building, Royal Road, Les Cassis, Port Louis, MAURITIUS**

**To: All Bidders**

**Supply, Installation, Configuration, Commissioning and Maintenance of Passenger Information System for Buses at Smart Bus Shelter**  
**Procurement Reference No. NTA/14/40/ONB 10/2018-19**

**ADDENDUM NO. 1**

SN	Queries	Clarifications
1.	<b>Can you please share the specification of the digital signage at bus stops/bus shelters to display information?</b>	It is up to the bidder to propose so that the equipment becomes an integral technical component of the whole system.
2.	<b>Should users be able to search for routes and bus stops on the digital signage at bus stops/shelters or only view the estimated arrival time of buses?</b>	Only view the estimated arrival time of buses is required.
3.	<b>Can we propose only public cloud hosting or have to propose local hosting with the GOC also?</b>	Please refer to “2.0 Proposed systems and infrastructure” of the section V. Schedule of requirements. No maintenance cost is required if the infrastructure of GOC will be proposed for hosting of application. However, the bidder may quote for alternative hardware solutions and the price should be provided with the price schedule as alternative (bidder should also provide the maintenance charges for a period of 5 years of the alternative they are proposing).
4.	<b>For the demo, should we show the integration with both the RHT and NTC system or only one would suffice?</b>	For integration demo, both of the bus operators in scope will be required.
5.	<b>Please share the list of Bus routes to be implemented in the pilot phase deserving the specified corridors in section IV page 60.</b>	Curepipe to Port Louis via Floreal, Vacoas, Quatre Bornes, Rose Hill, Beau Bassin – 170 and 170A  Curepipe to Saint Pierre via Phoenix, Ebene, Bagatelle, Helvettia - 173/173A and 153/153A
6.	<b>What is the number of buses with GPS operating on the routes?</b>	To consult operators as per requirements.
7.	<b>What is the total number of bus stops on the corridors specified?</b>	As per bidding document.
8.	<b>Can we propose a royalty-free version of Oracle as RDBMS instead of an open source RDBMS?</b>	The RDBMS should be either a freeware or Open source.

9.	<b>Why do we need to submit alternative source of energy to the PIS facilities on sites when the displays are not part of the scope?</b>	There should be a display and energy source should be available or in consultation with owner of shelters.								
10.	<b>What is the power rating of the screens already installed?</b>	<p>Refer to answer of query 1. However, the electrical parameters of the digital signage board will be</p> <table border="1" data-bbox="886 411 1536 709"> <thead> <tr> <th data-bbox="886 411 1227 474">Electrical Parameters</th> <th data-bbox="1227 411 1536 474"></th> </tr> </thead> <tbody> <tr> <td data-bbox="886 474 1227 579">Operating voltage</td> <td data-bbox="1227 474 1536 579">220 V – 240 V, single phase AC, 50 Hz</td> </tr> <tr> <td data-bbox="886 579 1227 642">Power consumption</td> <td data-bbox="1227 579 1536 642">specify</td> </tr> <tr> <td data-bbox="886 642 1227 709">Electrical connection</td> <td data-bbox="1227 642 1536 709">BS 1363</td> </tr> </tbody> </table>	Electrical Parameters		Operating voltage	220 V – 240 V, single phase AC, 50 Hz	Power consumption	specify	Electrical connection	BS 1363
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11.	<b>Do we need to quote for the civil works in relation to the alternative power source to be provided?</b>	Yes, as indicated in the financial proposals.								
12.	<b>Why do we need to provide maintenance cost of the Passenger Information System Devices over annual period when displays are not part of the scope?</b>	Displays are within the scope.								
13.	<b>What is your expectation for the maintenance of the equipment?</b>	To be provided by the bidder for at least 5 years								
14.	<b>How do you propose to deal with vandalism? Would the NTA bear any replacement cost if the equipment/alternative power source are vandalized?</b>	Bidder to propose.								
15.	Referring to section 3.12, integration of GPS data from existing buses, it is stated that “Even the integration of the data is not part of the current scope” and then in section 1.1 It is also mentioned that “Bidder will be required to ensure that data from Bus operators as listed in the scope are integrated with the proposed GPS tracking system or SBIS. <b>We want to clarify if integration of data from existing CPS units on buses is part of the current scope or not and if we need to demonstrate this integration during evaluation phase?</b>	Integration of existing data from bus operators in not part of this exercise, however bidder should demonstrate how data from bus operator will be integrate with the proposed system once the system is operational for availing bus arrival time.								
16.	<b>The total number of buses working on each routes in both corridors specified.</b>	<p>Curepipe to Port Louis via Floreal, Vacoas, Quatre Bornes, Rose Hill, Beau Bassin - 170/170A - 20</p> <p>Curepipe to Saint Pierre via Phoenix, Ebene, Bagatelle, Helvettia - 173/173A - 9</p> <p style="text-align: center;">153/153A - 10</p>								

17.	<p><b>The number of trips by route (Average by day).</b></p>	<p>Bus Route 170 - 15  Bus Route 170A - 9  Bus Route 173/173A - 100  Bus Route 153/153A - 110</p>
18.	<p>As per Page 61, Smart Bus Shelter: note 1. Kindly note that procurement of digital boards is not within the scope of this procurement exercise.</p> <p>As per Page 68, Section 3.2 Smart Bus Information System (SBIS): maintain a database of the bus routes, Bus stops, smart Bus Shelters <b>with</b> and without Digital Boards along each route and bus time schedules for each Bus route</p> <p><b>Can you please clarify whether Digital Boards need to be proposed.</b></p>	<p>Yes.</p>
19.	<p>As per the Scope of Work, Alternative Source of Electrical Energy: Any alternative source of energy to the Passenger Information System facilities, on site, shall have to be submitted with a risk checklist so that comparative advantages and disadvantages could be easily captured against any cost implications. <b>Can you please clarify on same whether we need to propose same.</b></p>	<p>All smart shelters have an electricity source which is under the responsibility of the owner. Hence a bidder shall have to liaise with the owner to determine any source of electricity for its digital board.</p>
20.	<p>1.5 Connectivity with Existing Smart Shelters - Page55</p> <p>The server shall also include interconnectivity with Passenger Information System Devices at Smart Shelter.</p> <p><b>Do we need to quote for connectivity as well? Kindly confirm.</b></p>	<p>Bidder should quote for 4G connectivity for each bus shelter in scope as an optional item; however, the client will decide whether to procure the 4G connectivity once the digital signage board are procured and installed at each bus shelter.</p>
21.	<p><b>Do we need to quote for servers or VMs will be provided by GOC?</b></p> <p>As per the RFP, Maintenance cost of the server shall be provided in a different sheet from the maintenance cost of the Passenger Information System Devices over annual period to cover an overall maintenance period of five years. All costs shall be included of VAT and any other taxes which might be applicable.</p>	<p>The bidder may quote for alternative hardware solutions and the price should be provided with the price schedule as alternative (bidder should also provide the maintenance charges for a period of 5 years of the alternative they are proposing).</p>
22.	<p><b>Can you please confirm if a Pre-Bid Meeting will be organised for this tender.</b></p>	<p>No, however bidders are encouraged to have site visits at smart shelters and any other visits at the premises of concerned bus operators</p>

23.	<b>We shall be grateful if NTA can extend the deadline for submission by at least two weeks.</b>	No, as the planning for implementation of the project has already been finalized.
24.	<p>“The bidder will be required to provide full documentation and carry out tests to show successful integration (Simulation) of the data from bus operators with the proposed SBIS.”</p> <p><b>Does this require integration with both RHT and NTC? If yes, can you please advise who we should contact to obtain approval</b></p>	NTA will assist in facilitating all procedures required as far as permissible.
25.	<p>“Bidders should quote for communications between the sites and GOC.”</p> <p><b>Are we referring to a private line between bus operator's server and NTA server in GOC?</b></p>	Bidder should quote for 4G connectivity for each bus shelter in scope as an optional item; however, the client will decide whether to procure the 4G connectivity once the digital signage board are procured and installed at each bus shelter.
26.	<b>Does the bidder have to provide the GPS device?</b>	No, however bidders shall have to coordinate with operators for provision of such facilities on board of buses.
27.	<b>What does “Physical Units: LOT” refer to in “List of Goods and Delivery Schedule” section implies?</b>	The whole system as conceptualized in the bidding document.
28.	<b>Who is the provider of the smart shelter?</b>	Private Promoter upon approval of the NTA
29.	<b>As per tender document page 76, there is a requirement for a site visit. However no details for the site visit is mentioned. Please advice</b>	Bidders are encouraged to have site visits at smart shelters and any other visits at the premises of concerned bus operators.
30.	<p><b>Permission section: “Bidders need to ensure that necessary permissions/approvals of the contractor already controlling contracted smart shelters, under the approved protocol, have been obtained and shall submit evidence thereof when submitting a bid. Bidder shall act upon the annex of the Smart Bus Shelters as provided at Page 114”</b></p> <p><b>Grateful if you could send us the list of bus shelter owner</b></p>	<p>AV Express Ltd.</p> <p>Sidkoun Ltd.</p> <p>AV Techno World Co. Ltd.</p>
31.	<b>Due to the complexity of this tender, we would appreciate a three(3) weeks extension to finalise the proposed solutions.</b>	No, as the planning for implementation of the project has already been finalized.
32.	<b>We also request to have a editable version of the bidding document (.doc or .docx or .rtf)</b>	Will be uploaded on our website.