HP STATE AGRICULTURAL MARKETING BOARD
VIPANAN BHAWAN, KHALINI, SHIMLA-171002.

Ref. No. HMB(G)2-31/2017 dated 19th May,2017

CORRIGENDUM

In continuance of tender notice published in The Tribune, Indian Express & Amar Ujala dated 10.3.2017 the following modifications are made in the tender document and notified for information of prospective bidders:

Sr. No	Existing provision	page	Revised
1.	**7.5 Vehicle Separators cum differentiators**: prevents tail gating and identifying type of vehicle. The Optical light Curtain is used to separate two different vehicles travelling with a minimum headway. Further in conjunction with the information from the vehicle detector loop the direction of travel like reverse entry or vehicle rolling back from lane, is also recorded	10	**7.5 Vehicle Separators cum differentiators**: prevents tail gating and identifying type of vehicle. The Optical light Curtain is used to separate two different vehicles travelling with a minimum headway
2.	**7.6 User Fare Display** UFD shall convey Weight, overweight and charges applicable. No. of Axles. When vehicle crosses over the WIM the scoreboard display the class, charges of vehicle. It should be placed in such a manner that it should be visible to Truck Driver. The User Fare Display shall display alphanumeric messages, as commanded by the Toll Lane Controller to indicate the amount of toll due, the status of user accounts and other information to users. The UFD shall be able to display alphanumeric characters (A to Z and 0 to 9), special characters (e.g. >, *, <, W, etc).	11	**7.6 User Fare Display** UFD shall convey Weight of vehicle. It should be placed in such a manner that it should be visible to Truck Driver. The User Fare Display shall display alphanumeric messages, as commanded by the Toll Lane Controller to indicate the amount of toll due, the status of user accounts

<table>
<tr><td></td><td></td><td></td><td>and other information to users. The UFD shall be able to display alphanumeric characters (A to Z and 0 to 9), special characters (e.g. >, *, <, W, etc).</td></tr>
<tr><td>3.</td><td>7.11RFID reader:
<table>
<tr><th>Sno</th><th>Parameter</th><th>Particular</th></tr>
<tr><td>1</td><td>Frequency</td><td>UHF 865 MHZ to 867 MHZ
readers that comply with E
(USA) standards, ISO/IEC 1</td></tr>
<tr><td>2</td><td>Communication</td><td>Ethernet/ Serial communic
232 C / RS 485)</td></tr>
<tr><td>3</td><td>RF Power
maximum</td><td>1 W – transmitted & 4 W –
Isotropically Radiated Pov</td></tr>
<tr><td>4</td><td>Reading
distance</td><td>The Trans receiver mounte
ground on a gantry. the co
should sense up to 4 mete</td></tr>
<tr><td>5</td><td>Operating
Temperature</td><td>-40°C to +55°C (-40°F to 131°</td></tr>
<tr><td>6</td><td>IP Rating</td><td>IP 67</td></tr>
</table></td><td>13</td><td>deleted</td></tr>
<tr><td>4.</td><td>7.13RFID TAG:
<table>
<tr><td>Power</td><td>Tags are Passive</td></tr>
<tr><td>Frequency</td><td>UHF 860 MHZ to 960 MHZ
standards</td></tr>
<tr><td>Data Transfer Rate</td><td>At least 512 kbps under ide
512 kbps under field condi</td></tr>
<tr><td>Protocol</td><td>EPC Gen 2, ISO 18000-6C</td></tr>
</table></td><td>13-14</td><td>deleted</td></tr>
</table>

	Dimensions (including the substrate/ backing)	Maximum area occupied on the windshield shall be 50 Sq. cm.		
	Material	Plastic substrate with printed antenna		
	Tamper Proof RFID Label	The tags should be RFID Tamper Proof Label specially designed for tagging directly to a surface, such as Glass (windshield) of an automobile. Any attempt to rip or tamper the label (tag) should result in disabling the functionality of the tags to ensure a unique one to one relationship between the tag and the vehicle thereby preventing unauthorized tag removal and transfers. Such features of the RFID label should result in following actions: - 1. Destroy or Damage the Antenna 2. Break the chip-antenna connection.		
5.				**Word RFID Tag appearing in the tender document stand deleted**
6.	**7.16Solution covering Key Point** * Barrier will open and Vehicle will proceed for it's destination		**15-16**	**deleted**
	• **The Bill of Quantity)Form-4** • UHF RFID reader with distance range of up to 6 meters or above. Qty. 1 No. • RFID Tag Qty. 2000 nos.			**deleted**
7.	PRICE BID PROFORMA 1. Axle weighing in motion System load cell based axle load 30 T each capacity in platform size 0.7m x 3m should be able to accommodate the longest trailer combination as per IRC 6 with maximum speed restricted to max 15 kmph. Qty 2		29	Axle weighing in motion System load cell based axle load 30 T each capacity in platform size 0.7m x 3m should be able to accommodate the longest trailer combination with maximum speed restricted to max

			15 kmph. Design and Supply of Retrofit All Steel Deck Size 0.7m x 3m,(Model/Brand/ Series Qty 2
	2. Design and Supply of Retrofit All Steel Deck Size 0.7m x 3m,(Model/Brand/Series Qty. 2	29	**Merged as above**
8.	12.vehicle sensors Infrared / Laser or better immune to water ingression and other weather conditions. Qty. 1 nos	29	**deleted**
9.	24.UHF RFID reader with distance range of up to 6 meters or above. Qty 1	29	**deleted**
10.	25,.RFID Hand held reader for card validation. Qty.1	29	RFID Hand held smart card reader for card validation Qty. 2
11.	RFID tags Qty. 1000 nos.	30	RFID Reader 1000 nos.

Managing Director