**Amendment 3 - Appendix B**

1. Page 145 Section 2.4 Faregate Functionality delete requirement ‘T” from the list.

**2.4 Faregate Functionality**

Faregates functionality shall include the following:

A. Provide egress and ingress control and limit customer throughput to one customer per transaction;

B. Provide continuous operation when network communications are not available;

C. Be configurable to support bi-directional egress and ingress control;

D. Provide safety controls to automatically retract barriers when obstructed to prevent injury or damage;

E. Provide sensing capability to limit customer throughput to one customer per transaction and to distinguish support animals and baggage from other means of fare evasion;

F. Provide configurable visual and audible alarms to identify instances of potential fare evasion or other anomalies;

G. Issue audible messages to indicate successful payment transaction and alarms to indicate unsuccessful transaction

H. Provide local and centralized faregate management; ;

I. Interface with the WMATA’s emergency alarm system to automatically open barriers in an emergency alarm event;

J. Support local and system faregate controls to place faregates in and out of revenue service;

K. Support local and centralized faregate controls to adjust the directional configuration of faregate aisles;

L. Maintain error event logs, transaction counts by type, and maintenance log data and upload data to faregate central system to support system monitoring and reporting;

M. Support local and centralized system diagnostics;

N. Provide a hierarchal faregate control protocol;

O. Provide access controls and access authentication for faregate management and maintenance;

P. Interface with WMATA’s current fare payment application to download fare tables (fare payment rules) and list service data and upload transaction data;

Q. Support the needs of all existing and future categories of Customers, including programs for specific types of Customers (students, customers with disabilities, employees, etc.) and fare structures, and fare products;

R. Quickly and efficiently verify the validity of all fare media and provide the necessary payment communication to support faregate customer interfaces and the current system payment application;

S. Provide an ISO 14443 A and B compliant payment target that both will securely support an alternative payment interface in addition to current fare media supported by WMATA current payment application.

T. ~~Securely accommodate and process fare media offered and/or distributed by WMATA or approved third parties~~;

U. Process WMATA Autoload transactions for web sales, transit benefits, and refunds;

V. Reject fare transactions from fare media that has been “hot listed” by WMATA;

W. Provide pass-back control to prohibit unlimited use media from being used for more than one customer per trip;

X. Distinguish concession fare products and discounted fare media and initiate visual indicator for the transaction;

Y. Process transactions when communication connectivity to WMATA’s fare payment application and other back end systems is not available;

Z. Support secure commination to the faregate central system and payment application central system when communication is restored;

AA. Display transactional information to customers including balance information, valid fare media, and error or event data;

BB. Provide secure local data storage and upload data to central system to support centralized faregate monitoring and dashboard reporting;

CC. Support secure manual transfer of stored data to an approved device if needed;

DD. Provide independent connectivity to station terminal and emergency button for faregate management and emergency release;

EE. Support direct interface with WMATA emergency alarm system to automatically open all faregates upon activation; and

FF. Be equipped with ground fault interrupt safety device.

1. Page 151 Section 2.7.6 Payment Process the first paragraph on the page is replaced with the edited paragraph below.

The PPT shall support all WMATA-issued SmarTrip media ~~and support an option for a non-SmarTrip secure ISO 14443 A and B media.~~ ~~This option to process transactions for this media shall be dormant and only activated under the direction of WMATA~~.

1. Page 173 Section 3.3 Media Reading the first paragraph is replaced with the edited paragraph below.

***3.3.2.3 Processor and Memory***

~~The device shall be a minimum of~~ *~~single core CPU module with 1GHz,~~* ~~commercially available and specifically designed for its intended use, that being continuous operation in a mobile device.~~ The device shall have a minimum processing capability of an i5. The device shall contain a minimum of 1 GB RAM and no less than 1 GB of Flash memory. The device shall contain one or more expansion slots to accommodate a Secure Digital High Capacity (SDHC) expansion media card.

1. Page 174 Section 3.4 Media Reading the first paragraph is replaced with the edited paragraph below.

**3.4 Media Reading**

The portable station manager device shall have a commercially available ISO/IEC-14443 compliant Type A and B contactless Payment Processing Target (PPT) or equivalent fare media reader. The SMP shall be either an integral component of the device or a separate accessory that attaches directly to the ~~PSMGC~~ Portable Station Manager Device. As a separate accessory, the PPT shall lock into place into the device casing so as to prevent unintentional disconnection. Placement of the PPT shall not inhibit use of other features of the device.

1. Page 174 Section 3.5 Communication the first paragraph is replaced with the edited paragraph below.

**3.5 Communications**

The device shall communicate with the backend to suit the needs of the WMATA. This shall include, as a minimum, communication via:

 Local Wireless System (MetroNet Wi-FI).

 Local Area Network (MetroNet LAN)

The device shall be equipped to handle communications with either system at any time. In the event that both systems are available concurrently, the ~~PSMGC~~ Portable Station Manager Device. shall automatically defer to communication on the Local Wireless System. The Contractor will work with WMATA to establish the configuration of devices for MetroNet connectivity.

1. The Price Schedule/sheet is replaced with revised and updated Price Schedule as Appendix E.