

**SECTION 2.2: FUNCTIONALITY CRITERIA**

<b>HESSEQUA MUNICIPALITY</b>		
<b>FUNCTIONALITY POINTS CLAIM FORM</b>		
<b>1. GENERAL CONDITIONS</b>		
1.1 The tender will be evaluated in terms of functionality of tender submissions. 1.2 No tender will be regarded as an acceptable tender/responsive if it fails to achieve the minimum qualifying score for functionality of 80%. 1.3 Tenderers shall ensure that all relevant information has been submitted with the tender submission to ensure optimal scoring of functionality points. 1.4 Tenders that have achieved the minimum qualifying score for functionality shall be evaluated further in terms of the preference point system 1.5. The functionality points for this bid are allocated as indicated in table below:		
<b>Evaluation Criteria</b>		<b>Maximum Points Allocated</b>
<b>Similar Experience of Firm in Prepayment vending systems in years. (Refer Section 4.7 : Declaration of Bidders Past Experience )</b>	One (1) point for every year similar experience in prepayment vending system with at least 10 000 active meters.	<b>10</b>
<b>Similar vending projects successfully implemented. References letters must be submitted, refer note 2 below.</b>	Two (2) points for every successfully completed contract project with at least 10 000 active meters.	<b>14</b>
<b>Minimum technical requirements. See Table 3 below.</b> <i>This section is solely for compliance testing deemed to be essential for the success of the project.</i>	Bidders to indicate YES/NO where applicable. One (1) point for every YES, supporting documents to be attached and clearly referenced.	<b>43</b>
<b>1.3.2. Experience of key personnel:</b>		<b>33</b>
1.3.2.1 Senior Developer (Curriculum Vitae)	2 points for every year of relevant experience	16
1.3.2.1 Project Manager (Curriculum Vitae)	2 points for every year of relevant experience	17
<b>TOTAL POINTS</b>		<b>100</b>
<b>2. NOTE:</b>		
<b>2.1. <u>Written reference letters must contain the following information:</u></b>		
2.1.1 Company/ organisation name.		
2.1.2 Description of works completed including number of meters.		
2.1.3 Contract period.		
2.1.4 Contact details including name, department, email address and contact number.		

3. TECHNICAL REQUIREMENTS					
No.	DESCRIPTION OF REQUIREMENT	Please indicate with an "X" whether the offer complies with the requirements.			Reference (Supporting Documents Attached)
		YES	NO	COMMENT(S)	
1.	Offer including a fully functional Vending System				
2.	System commissioned two (2) weeks prior the inception date (Attach proposed implementation plan)				
3.	Vending system is fully STS and NRS compliant.				
4.	Vending system provides for all types of payment and various payment platforms as indicated in the specification.				
5.	Vending system is able to generate Electricity Base Support Token (EBSST).				
6.	Vending system is real time and on-line.				
7.	Vending system support is provided on a 24x7x365 basis.				
8.	Vending System is operational on a 24x7x365 basis.				
9.	Guarantee the systems' functional performance and any upgrades required to correct any system mal-operation will be for the Tenderer's account.				
10.	Active Vending System shall be hosted at the suppliers designated site as specified.				
11.	Back-up Vending System shall be hosted off the designated site, preferably at another dedicated site of the supplier.				
12.	Existing on-line vendors who are currently managed by the current service provider shall be fully facilitated and equipped with the necessary hardware and software.				
13.	Existing on-line vendors who are currently managed by the current service provider shall remain operational during the installation and commissioning of the new Vending System.				

14.	Vending System must be able to vend to all meters installed in the Municipality service area.				
15.	The transfer from the existing system to the new system shall be executed without any hindrance to normal vending functions in the municipal service area.				
16.	The Vending System offered is able to interface with the existing municipal billing database system as per mSCOA regulations.				
17.	The system shall be fully STS compliant and capable of vending STS prepayment credit and engineering tokens.				
18.	The Vending System shall have an Application Programme Interface (API) to allow third parties to access the system securely for integration purposes.				
19.	A Geographical Information System is linked / incorporated into the Vending system in the future. The solution will cater for GIS integration.				
20.	A Geographical Information System is linked / incorporated into the Vending system in the future. The solution should be able to display and integrate existing electrical networks and connections.				
21.	The database shall allow concurrent users to access data on a central database from various online terminals.				
22.	Generate Reports as requested, refer to tender specifications.				
23.	Provide the operating system as requested, refer to tender specifications.				
24.	Vending System shall operate on a standard readily available, PC-based machine Windows with no special modifications required to any parts.				
25.	The Tenderer shall supply a standard STS security module solution operating with a 16-bit PCI-based PC motherboard.				
26.	Printers at municipal terminals will not fade within five years after installation.				
27.	Hosted server hardware solution shall be hosted in a Tier 3 level Data Centre.				
28.	The data model shall allow multiple meters to be linked to a single consumer account. Proof must be submitted.				
29.	The software and database shall be able to accommodate, with no special changes other than hardware scaling, more than 1 million consumer records and 120 million transaction records from the main server.				
30.	The system shall allow for the use of thin client technology for the				

	<p>following business logic:</p> <ul style="list-style-type: none"> <li>• Customer Management</li> <li>• Meter Management</li> <li>• Reporting</li> </ul>				
31.	The business logic must in particular include, often used functionality that will allow end-users to view, update and query the system on-line without placing an excessive burden on bandwidth.				
32.	System could handle alternative vending options. Attach list of more options.				
33.	The system shall support a mobile engineering client				
34.	Attachment of full description and technical details of the solutions offered				
35.	The system shall support the latest version of the NRS009-6-10 XML Vend specification.				
36.	Encryption cards and security modules shall be centralized in the hosted central environment to ensure the security of the system.				
37.	There shall be a direct interface with the billing system so that arrears collected can be posted directly to the relevant account either in 'Real Time' or via batch entry at a user selectable delay on the financial management system.				
38.	Payment of collected revenue into Hessequa Municipality bank account must be completed within 48 hours (2 working days) of transaction date.				
39.	Payment of revenue received (Prepaid & Auxiliary separately) directly in the municipalities account at predetermined times together with a reconciliation of said revenue.				
40.	The tenderer must have a proven experience at least 3-year track record for revenue protection services in a municipal environment, and may be required to demonstrate their solution and provide physical proof of the in-field tools used for these services				
41.	Revenue protection reports to be submitted as specified.				
42.	Target audits and remedial action to be conducted by qualified electrician per team.				
43.	Provide training to municipal employees.				

Failure to provide the information as stated above, will result in your tender being declared non-responsive.

DECLARATION,

I, THE UNDERSIGNED (NAME) .....

CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT. I ACCEPT THAT THE MUNICIPALITY MAY ACT AGAINST ME SHOULD THIS DECLARATION PROVE TO BE FALSE.

AUTHORISED SIGNATURE: .....

NAME: .....

CAPACITY: ..... DATE: .....