

Page 29. Amendment to include a new Line Number, 7.2 Added:

<u>Item No</u>	<u>Description</u>	<u>Estimated Qty</u>	<u>Unit Cost</u>	<u>Total Cost</u>
7.1	AMR Firmware and Software	1 each	_____	_____
			Monthly Cost	Annual Cost
7.2	Monthly Service Fee (if applicable)		_____	_____

TECHNICAL SPECIFICATIONS ON ITEM 7.1

DESIGN and PERFORMANCE SPECIFICATIONS Radio AMR Firmware and Software	COMPLY YES OR NO	COMMENTS <i>Size, weight, type, etc.</i>
AMR mobile meter reading software shall collect and store customer account information and meter reading data for transmission to handheld and mobile collector devices. Software shall function as a graphical interface between the RF endpoint and the meter reading hardware and incorporate GPS mapping capability. Software shall provide for upload to a meter data management system (MDM) for utility billing and data analytics. The software shall have custom analytics functions to produce reports that show customer water usage trends. Software shall provide a database usable by the existing GWA water billing system (CIS).		
The Vendor shall provide a training environment and provide any required updates (data and configuration) at agreed upon intervals.		
DESIGN and PERFORMANCE SPECIFICATIONS Radio AMR Firmware and Software	COMPLY YES OR NO	COMMENTS <i>Size, weight, type, etc.</i>
GWA requires that training be provided to all appropriate staff including IT, Customer Service, Utility Billing, Field Services, Maintenance and Administrators. The training shall be sufficient to enable them to configure, implement, and properly operate and maintain all components of the AMR system including Meters, Registers, Endpoints, MDM, and integration software. Describe the proposed training services, training curriculum and how your training program evolves in depth (basic vs. advanced) to support users as they get comfortable with the system. Provide samples.		
The Vendor shall represent and warrant that the software,		

<p>as delivered to GWA, does not contain any program code, virus, worm, trap door, back door, timer, or clock that would erase data or programming or otherwise cause the software to become inoperable, inaccessible, or incapable of being used in accordance with its user manuals, either automatically, upon the occurrence of Licensor-selected conditions, or manually on the command of a person.</p>		
<p>All available updates to the mobile meter reading software and firmware shall be promptly communicated to GWA and assistance provided to download to GWA reading devices (laptops and handhelds) and train GWA staff on usage.</p>		
<p>The vendor shall provide explanation of its mobile software and firmware update process and its proposed methodology for providing updates and training to GWA staff.</p>		

General Requirements:

AMR software shall have a warranty to meet specified standards for a minimum of 10 years after shipment from the manufacturer.

Software must provide an inventory upload file that GWA is able to use for its meter inventory system via a format provided by GWA.

Specification sheets shall be provided for each software type in the final bid.

All technical specification sheets for the AMR software shall be included in the final response to IFB. Such information shall include format, users guide, and computer platform requirements.

Sample software for which a bid is submitted may be requested by GWA to assure compatibility with existing GWA billing system software.

INSPECTION, REGISTRATION AND TESTS:

The vendor shall be responsible for delivering all software in a first-class condition.

BIDDING ON:

MFG: _____

BRAND: _____

PLACE OF ORIGIN: _____

DATE OF DELIVERY: _____
 (AFTER RECEIPT OF PURCHASE ORDER)