

GREENVILLE UTILITIES COMMISSION

GREENVILLE, NORTH CAROLINA

ONE (1) MULTI CONDUCTOR HI CUBE TRUCK MOUNTED BODY WITH

TV INSPECTION SYSTEM

To: All Prospective Proposers and Others Concerned

Subject: Addendum No.1

The intent of this addendum is to notify all prospective proposers and others concerned that the Specifications and Documents are hereby modified as follows:

1. Replace page(s) 9, 24, 28, 33 with the below.

The foregoing changes shall be incorporated in the Specifications and Documents.

Please acknowledge receipt of this addendum by e-mailing Cleve Haddock, Purchasing Department, Buyer II at: haddocgc@guc.com (252) 551-1533

representative, or a factory trained representative, for a minimum of four (4) days at the time of delivery with follow-up training of up to three (3) additional days, to be included.

Delivery: Successful bidder shall be required to furnish Greenville Utilities with a written guaranteed delivery date upon receipt of order. Completed unit shall be delivered and placed in-service at the Greenville Utilities Operation Center, 801 Mumford Rd., Greenville, North Carolina.

OPTIONAL EQUIPMENT:

- 1 Aluminum Storage Box Mounted Under Truck
- 1 Arrow Board Mounted on Rear of Truck
- 3 Slide Out Storage Compartments at Rear of Equipment Storage Room in bumper

DETAILED SPECIFICATIONS:

CAB AND CHASSIS:

Engine	6.6 Liter Turbo Diesel, Minimum
Exhaust System	Stainless Steel if available
Emission Control Systems	Meets Government Standards
Cooling System	Heavy Duty
Wheelbase	158" Minimum or as specified by upfitter
GVWR	OEM 19,000 lb. Minimum
Suspension	Heavy Duty Springs Heavy Duty Shock Absorbers
Brakes	Power Disc – Front and Rear
Electrical	12 Volt System
Alternator	200 AMP Minimum
Battery Freedom Type	750 CCA
Fuel Tank Capacity	37 Gallons Minimum
Steering	Power Steering
Transmission	Automatic, 5 Speed, HD Electronic w/Overdrive, minimum
Tires and Wheels	6 each (Dual Rear Wheels)

Technical Requirements of the Software

- The software shall be coupled with a firmware controller to receive multiple, simultaneous inputs from connected devices to, for example, allow mainline footage, lateral footage, and inclination data to be received into the software without the need for manual input from multiple keyboards.

Database Structure and Requirements

- The inspection database shall include an asset based architecture which allows multiple inspections to be performed and retained as a historical record for the same physical location (asset). The "project based" database architecture shall store and immediately show all inspection history for each asset.
- The software shall be able to import an entire asset database.
- The software shall have the ability to import and retain the entire lists of assets despite not ever having generated an inspection.
- The inspection database shall have the ability to support and synchronize with multiple data sources, such as Microsoft Access, Oracle 8, 9i & 10g, or SQL Server. All or part of the data shall be capable of being duplicated between inspection databases and exported into multiple formats, such as, Access, PACP, Azteca, Hansen, Maximo, GSA, RJN, and ASCII. All or part of the inspection and asset information shall be able to be synchronized between the field and office with built-in automatic validation and error checking.
- The software must be based on Microsoft Windows and be a 32 bit or 64 bit Windows application, compatible with Windows 7 (32 or 64).
- The software must be capable of connection to external systems via an ODBC or OLE DB connection.
- The collected CCTV survey data shall be stored in either a Microsoft Access, SOL or Oracle tables, and be available for use by the system owner, at no additional cost.
- Databases shall be able to be created in the default directory or on any writeable drive available.
- The Database structure shall have the ability to use Microsoft SQL Server.
- The database structure shall retain information on the various structures found within a Sewer, Storm, or combined system. It is important that the structures, nodes, manholes and pipe identifiers and related attribute information be retained as separate tables from the inspection allowing import of existing data from multiple sources. The data structure allows different projects to reside within a single database. Information gathered in projects shall be available to view by project or by system. Data gathered during project inspection shall be available to view by the selected structure. Therefore, all inspections can be viewed on a structure even if gathered in different projects.

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- The data structure shall allow for the entire asset data inventory to be created or imported even if no inspections have been performed on the assets.

Televising Viewer Capabilities and Requirements

A viewer module shall be available for viewing all collected data and shall allow users to:

- View or print all available pictures.
- View all available video files.
- Review or print individually all available reports.
- View all data in the same format as the main software application.
- Use GIS map within the viewer to select assets, review inspections, and run reports.
- Use predefined and custom filters to search and sort the information and reports.

GIS and GPS Requirements

- The inspection software will integrate with GIS, GPS, and selected CMMS systems.
- The Database and Software program must be able to import and export asset data, Inspection Observations, and pipeline inspection scores from an ArcGIS 10.1 or newer shape file, personal geodatabase file, or ArcSDE files utilizing the network features to associate Sewer, Storm, or combined Mains with corresponding Node and Lateral Assets.
- Both an "import" and "export" profile shall be provided in the software to strictly control the attributes exchanged between the systems.
- The software shall provide the ability to browse to the profile location to select different profiles.
- The "import" and "export" profiles shall allow for data type conversions when the source and destination field types are not the same (i.e., allow for data type conversion of a float to an integer).
- Imported asset data from GIS, as well as exported asset data to GIS shall be filterable to bring in all asset data (full asset inventory) or selected assets / pipelines.
- The inspection software shall allow linear references to be created in GIS with corresponding hyperlinks to spawn video, still images, and other data from the inspection software or an ESRI GIS application.
- An interactive and integrated GIS map shall be viewable from within the application and allow for the initiation of inspection, creation of multiple inspections in a project format,

Vendor Name: _____

GREENVILLE UTILITIES COMMISSION

PROPOSAL FORM

The undersigned bidder hereby declares that it has carefully examined the enclosed detailed specifications for furnishing GUC with the below listed item(s). The undersigned bidder further agrees, if this proposal is accepted within thirty (30) days from the date of the opening, to furnish any or all of the item(s) upon the quoted price.

ITEM NO	QUANTITY	DESCRIPTION	DELIVERY TIME DAYS	UNIT PRICE
1	1	<u>One (1) Multi Conductor Hi Cube</u> <u>Truck Mounted With TV Inspection</u> <u>System.</u> Brand: _____ Model: _____ Annual Software Support Agreement Plan Per Year	_____	\$ _____ Annual Software Support \$ _____ \$ _____ \$ _____ \$ _____ \$ _____
		Year One (1) Year Two (2) Year Three (3) Year Four (4) Year Five (5)		

Method of Award: Item(s) one, (1) will be awarded as a total bid.