

TAB 7

POINT PAPER
GEOGRAPHIC INFORMATION SYSTEM (GIS)
Arc SDE UPDATE

COP JOB # 05- 445

Problem:

Since the initial upload of the City's GIS, ESRI has released ArcSDE 9.2. The City has received ArcSDE 9.2 as part of its maintenance agreement with ESRI. ArcSDE is no longer a stand-alone product. It is now known as ArcSDE technology and is included with both the ArcGIS Desktop and ArcGIS Server products.

Background:

TBE delivered and loaded the datasets on to the City's GIS server in September of 2006. At that time, the City was using ESRI's ArcSDE 9.1 as the spatial database engine to for its GIS with the SQL Server as the database.

Alternatives:

1. Do nothing.
2. Authorize the execution of Work Assignment #1 with TBE to upgrade the GIS to ArcSDE 9.2 and provide administration and maintenance training.

Recommendation:

Authorize the execution of Work Assignment #1 with TBE to upgrade the GIS to ArcSDE 9.2 and provide administration and maintenance training.

Budget Impact:

Work Assignment #1 is not to exceed \$5,149.00 and will be charged to account number 0015423116 Budget of \$10,000 for FY 08.

TBE Group, Inc.
WORK ASSIGNMENT # 1

Pursuant to the City of Palmetto Agreement for Professional Engineering Services, entered into by and between the CITY OF PALMETTO (City) and TBE Group, Inc. (Consultant), the City hereby authorizes the following professional services under said Agreement:

TITLE OF PROJECT: **Geographic Information System (GIS) – ArcSDE Update
COP Job # 05 - 445**

DESCRIPTION OF AUTHORIZED SERVICES:

The following scope of services represents the engineering services associated with upgrading the GIS from ArcSDE 9.1 to ArcSDE 9.2.

<u>TASK</u>	<u>ESTIMATED COST</u>
1. ArcSDE 9.2 Upgrade	\$3,805.00
2. ArcSDE Administration and Maintenance	\$1,344.00

METHOD OF COMPENSATION: The compensation to the Consultant for the performance of the above identified services shall be pursuant to the Rate Schedule as defined in said Agreement, to the extent set forth as follows:

Lump Sum Fee: \$5,149.00

The Consultant agrees to perform the professional services outlined above at the method of compensation set forth above, upon receipt of authorization from the City of Palmetto.

Attest:

Craig D. Snyder
Secretary

TBE Group, Inc.

By: Robert G Brown Sr VP

Robert G Brown Sr VP 11/07/07
(Printed Name/Title) Date

The City of Palmetto hereby authorizes the professional services outlined above at the method of compensation set forth above.

CITY OF PALMETTO, FLORIDA

By: _____

(Printed Name/Title) Date

CITY OF PALMETTO
Geographic Information System (GIS) – ArcSDE Update

SCOPE OF SERVICES

1.0 BACKGROUND:

TBE has been assisting the City of Palmetto (the City) with their GIS/EAM implementation project since 2005. We began by developing the City's GIS geodatabase which included:

- Basemap Feature Dataset
- Potable Water Feature Dataset
- Wastewater Feature Dataset
- Reclaimed Water Feature Dataset
- Stormwater Feature Dataset

TBE delivered and loaded the datasets on to the City's GIS server in September of 2006. At that time, the City was using ESRI's ArcSDE 9.1 as the spatial database engine to for its GIS with the SQL Server as the database. Since the initial upload of the City's GIS, ESRI has released ArcSDE 9.2. The City has received ArcSDE 9.2 as part of its maintenance agreement with ESRI. ArcSDE is no longer a stand-alone product. It is now known as ArcSDE technology and is included with both the ArcGIS Desktop and ArcGIS Server products.

ArcSDE technology is an integrated part of ArcGIS Desktop and ArcGIS Server and a core element of any enterprise GIS solution. Its primary role is to act as the database access engine to spatial data, its associated attributes, and metadata stored within a relational database management system (RDBMS).

2.0 PROJECT TASKS:

Task 1: ArcSDE 9.2 Upgrade

TBE will work on-site and remotely with City IT Staff to install ArcSDE 9.2. TBE will perform the following:

1. Uninstall ArcSDE 9.1
2. Install ArcSDE 9.2
3. Create database on GIS Server
4. Load the following datasets into database on the GIS Server
 - Basemap (parcels, street centerline, latest aerial photography)
 - Potable Water
 - Wastewater
 - Reclaimed Water
 - Stormwater
5. Create standard utility map document for City's ArcExplorer users.

Task 2: ArcSDE Administration and Maintenance

TBE will provide the City with six (6) hours of on-site ArcSDE Administration and Maintenance training. The training will cover:

- Versioning
- Data Reconciliation and Posting
- Data Loading
- Database creation
- Database maintenance

3.0 EXCLUSIONS:

Services not identified in the Scope of Services and performed at the request of the Client will be considered additional services. If the City wishes to execute any activities not listed under the Scope of Services, TBE will prepare a change order for approval.

4.0 PERSONNEL:

Consultant is proposed to use the following personnel for this work assignment:

- Rick Bowers, P.E., Director
- Craig Payne, Senior GIS Analyst
- Nathan Kerr, GIS Analyst

The Consultant shall not make changes in the professional personnel working on activities without the written notification to the City's Contract Manager. This Agreement will remain in effect until the completion of the project and acceptance by the City of Palmetto.

SCHEDULE

TBE is prepared to start immediately upon receipt of a Notice to Proceed. TBE anticipates the Scope of Services to be completed within one (1) month from the receipt of Notice to Proceed.

END OF SCOPE