



July 20th, 2017

Attn: Betsy Waite, PE
City of Gainesville Public Works
405 NW 39th Ave.
Gainesville, FL 32609

Ms. Waite,

Thank you for the opportunity to provide pavement and roadway asset management services to the City of Gainesville. Transmap's ON-SIGHT™ vehicle, which is equipped with the newest Laser Crack Measurement System (LCMS), Ladybug5 30MP camera, and HD LiDAR, will be surveying the City's roads and capturing pavement and roadway asset data (sidewalks, ADA ramps). The LCMS uses laser line projectors, high speed cameras, and advanced optics to acquire high resolution 3D profiles of the road.

Transmap has been successfully completing pavement and roadway asset management projects across the country for over 23 years. We have provided support for over 30 Florida municipalities such as the City of Palm Bay, the City of Bonita Springs, the City of Boca Raton, the City of Coral Springs, the City of Pompano Beach, the City of Delray Beach, the City of Hollywood, the City of Clearwater, the City of Cooper City, the City of Sarasota, Escambia County, Manatee County, Osceola County, Pasco County, etc.

Please see attached our price quotes and day schedule for the City's pavement and roadway asset management project. Please do not hesitate to contact me on my cell at (614) 537-6297 or by email at cschorling@transmap.com with any questions.

Best regards,

A handwritten signature in blue ink, appearing to read "CS", written over a light blue horizontal line.

Craig Schorling, GISP
Vice President
Transmap Corporation

Transmap Corporation
Pavement Management System
City of Gainesville, FL
Day Schedule

7/18/2017

Task	# of Days
Notice to Proceed	1
Project Kick-off Meeting	1
City Staff needs to be part of Kick-off	TBD
Mobilization	3
ON-SIGHT Raw Data Collection (408 centerline miles)	14
Advanced Inspections (Post Processing)	14
Network Setup	3
Pavement Condition Evaluation	29
PMS System QA/QC Load - (MicroPAVER)	2
Walkout Inspection QA/QC	3
GIS Integration	3
Final MicroPAVER Load - Delivery PCI load	2
PCI Results Delivered	2
Pavement Management Boot Camp	2
City Staff needs to be a part of Boot Camp	TBD
Pavement Reporting	10
Draft Pavement Reporting Delivered	1
City Staff Review on Draft Reporting	TBD
Software Training (MicroPAVER)	2
City Staff Availability for training	TBD
Final Pavement Reporting Delivered	2
Transmap Project Management (on-going during project)	

*Project schedule will start when vehicle is mobilized to the City
Total pavement implementation project will take approximately 4 months,
weather and City staff availability permitting.
Depending on project start date, Transmap may modify day schedule because
of corporate project load.
BOLD text represents critical paths that the City needs to be involved in

**City of Gainesville, FL
Price Quote is Valid for 30 Days**

1) Pavement Management Program Roads

Task	Description	Comments	Transmap Units	Transmap Price	Total
1a	ON-SIGHT™ Raw Data Collection Includes LiDAR (units = centerline miles)	Raw roadway data and image capture. 360-degree image view of all roadways (ROW) with dedicated ROW cameras and ground-based LiDAR (100% roadway coverage). Transmap will utilize our Crack Map 3D technology (LCMS) for pavement collection - also driven in both directions	408	\$92.99	\$37,939.92
1b	Advanced Inspection Processing - Profilometer (units = lump sum)	Transmap uses an ASTM compliant E950 profilometer and will process all rutting and ride collected data.	1	\$4,985.00	\$4,985.00
1c	Network Setup and Review (units = hours)	Transmap will review the City's centerline file and set up the required network for loading into MicroPAVER. This includes any existing data from the City that needs to be incorporated into the pavement management system.	10	\$99.00	\$990.00
1d	Pavement Inspection (units = samples)	Detailed surface distress analysis using Transmap's Crack Map 3D approach. Transmap uses ASTM D6433 compliant methods - Vehicle automated collection using a combination of lasers, 2D/3D images and field walkout, average pavement width of segment included (price includes field verification)	7,292	\$5.69	\$41,491.48
1e	MicroPAVER Load (units = lump sum)	Formatting pavement sample data and centerline file for mass load into MicroPAVER using scripts	1	\$1,000.00	\$1,000.00
1f	GIS Integration (units = hours)	Transmap will link all PCI data to the City's centerline file. If any other GIS work is needed to be done, the hours can be purchased.	18	\$99.00	\$1,782.00
1g	Pavement Management Practices Definition "Boot Camp" (price is per day)	Transmap will meet with the City to review maintenance/rehabilitation activities, analysis procedures, and collect any existing information on roadways (ADT data, construct dates, maintenance dates, etc.)	2	\$1,750.00	\$3,500.00
1h	Pavement Reporting (units = hours)	Transmap will put together tabular and GIS map data to support traditional/preventative maintenance pavement reporting. Budget scenarios with actual dollar amounts per M&R activity.	44	\$125.00	\$5,500.00
1i	MicroPAVER Software (units = software)	Transmap will purchase MicroPAVER software for the City. This pricing is based on the City having at least one registered APWA member. This is a download that comes with 2 installations.	1	\$1,005.00	\$1,005.00
1j	On-Site MicroPAVER Training (units = day's) Expenses included	Transmap will provide on-site training for up to five City personnel on MicroPAVER 1 training.	2	\$2,800.00	\$5,600.00
1k	Transmap Project Management Pavement (units = hours)	Estimated minimum hours - If the City needs more hours based on the amount of assistance from Transmap, standard rates apply.	63	\$99.00	\$6,237.00
1l	ArcGIS Server Web-Based Image Viewer (free access for 6 months after project completion)	Transmap will set up the City to view all collected images in a web hosted environment. PCI results, Sample locations, Distress data, Orthophotography and GIS basemap layer will be posted in ArcGIS Online.	0	\$875.00	

Subtotal **\$110,030.40**

Pavement Subtotal **\$110,030.40**
Palm Bay Discount 5% **-\$5,501.52**
Additional Capacity Discount **-\$5,000.00**
Total Pavement Project **\$99,528.88**

***Discount of \$10,501.52 applied if approved by August 30, 2017**

* This pricing will be honored if the City is able to use the Palm Bay contract. If the City can't use this contract, then pricing will be null and void

**City of Gainesville, FL
Price Quote is Valid for 60 Days**

4) Sidewalks/ADA Ramps

Task	Description	Comments	Transmap Units	Transmap Price	Total
4a	Requested Assets (units = centerline miles) Rates based on standard attributes	street name, unique ID, unique ID (street centerline), type (concrete, paver, etc), Failure Locations, - ADA truncated dome (yes,no), color	408	\$46.00	\$18,768.00
4b	GIS Integration (units = hours)	Transmap will link all asset data to the City's centerline file. If any other GIS work is needed to be done, the hours can be purchased.	12	\$99.00	\$1,188.00
4c	Transmap Project Management Assets (units = hours)	Estimated minimum hours - If the City needs more hours based on the amount of assistance from Transmap, standard rates apply.	14	\$99.00	\$1,386.00

Subtotal **\$21,342.00**