

**APPENDIX C PRICING INDEX (Per Amendment 1)**

**DIR-TSO-3389**

**DEWBERRY ENGINEERS, INC.**

**CATEGORY: GEOSPATIAL PRODUCTS**

**NOTATION: For further Information and Pricing of CATEGORY: GEOSPATIAL PRODUCTS (Imagery), contact the Texas Natural Resources Information System (TNRIS) at StratMap@twdb.texas.gov.**

**Areas of Interest**

**SW = Statewide** – State of Texas (70,001 – 270,000 sq. miles)

**SR = Super Regional** – Ecological Areas, East Texas, West Texas, etc. (5,001 – 70,000 sq. miles)

**R = Regional** – County, Multi-County, Large Watershed, etc. (251 – 5,000 sq. miles)

**L = Local** – Corridor, Municipalities, Parks, etc. (0 – 250 sq. miles)

<b>CORE DATASETS</b>			<b>Percentage % Discount Per Sq Mile</b>
Aerial Imagery	Orthoimagery	Area of Interest	
		Statewide	30.00%
		Super Regional	30.00%
		Regional	30.00%
		Local	30.00%
Aerial Imagery	Oblique Imagery	Area of Interest	
		Super Regional	N/A
		Regional	N/A
		Local	N/A
Satellite Imagery	Archive	Area of Interest	
		Statewide	N/A
		Super Regional	N/A
		Regional	N/A
		Local	N/A
Satellite Imagery	Tasking	Area of Interest	
		Statewide	N/A
		Super Regional	N/A
		Regional	N/A
		Local	N/A
Elevation	Lidar	Area of Interest	
		Statewide	25.00%
		Super Regional	25.00%



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 DIR-TSO-3389  
 DEWBERRY ENGINEERS, INC.  
 CATEGORY: CUSTOMIZED GEOSPATIAL DATA SERVICES

**NOTATION: For further Information, Pricing and availability of CATEGORY: CUSTOMIZED GEOSPATIAL DATA SERVICES, contact the Vendor directly.**

**Areas of Interest**

- SW = Statewide** – State of Texas (70,001 – 270,000 sq. miles)  
**SR = Super Regional** – Ecological Areas, East Texas, West Texas, etc. (5,001 – 70,000 sq. miles)  
**R = Regional** – County, Multi-County, Large Watershed, etc. (251 – 5,000 sq. miles)  
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**CUSTOMIZED GEOSPATIAL DATA SERVICES - PER STATEMENT OF WORK**

CATEGORY / DESCRIPTION	Product/Service Number	Area of Interest	Product Description	DIR Customer Discount % off of SOW Quoted Cost
Planimetric Feature Extraction- Orthoimagery Derived	D-P-L	R, L	Orthoimagery Derived using softcopy photogrammetric solutions from raster data	25.00%
Planimetric Feature Extraction using lidar	D-P-O	R, L	Creation of planimetric data using lidar point cloud	25.00%
Planimetric 3D Feature extraction	3D-FE	R, L	Lidar derived	25.00%
Building Footprints	B-F	R, L	Creation of building footprints from Lidar or imagery	25.00%
Classification of Lidar	C-USGS	R, L	Classification of lidar to classes user defined	25.00%
Classification of Lidar to USGS 1.2 Specifications	C-USGS	R, L	Classification of lidar to classes and accuracy specified in USGS Specifications 1.2	25.00%
Land Use Land Cover Classification to USGS 1.2 specifications	LULC		Per SOW	25.00%
Land Use Land Cover Change detection	LULC-CD		Per SOW	25.00%
Change Detection	CD	SW, SR, R, L	Determine differences between 2 data sets	25.00%
National Hydrography Dataset (NHD) Feature Collect	NHD - F		Per SOW	25.00%

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CATEGORY / DESCRIPTION	Product/Service Number	Area of Interest	Product Description	DIR Customer Discount % off of SOW Quoted Cost
Geodatabase Design and Development of New Data Models	DD-Gdb	SW, SR, R, L	Database Design per SOW	20.00%
Geodatabase Design and Implementation - including migration/integration of existing datasets into new geodatabase models	DD-GC	SW, SR, R, L	Database creation per SOW - including migration/integration of existing datasets into new geodatabase models	20.00%
Geospatial Data Capture, Digitization, Georeferencing, Processing, and Conversion	GDC		Record drawings, as-built drawings, historical maps, photographs, survey reports from hard copy, soft copy, and various digital file formats. Examples of digitization projects include hydrographic, facilities/utilities/infrastructure, transportation, environmental, and jurisdictional boundaries	20.00%
Geospatial Analysis Including Topological, Network, and Temporal Analysis	GA-TNT		Per SOW	20.00%
Data Integration Services – Merging Vector Datasets from Multiple Sources	DIS-V		Per SOW	20.00%
Data Integration Services – Merging Raster Datasets from Multiple Sources, Resolutions, Accuracies, and Multiple Time Frames	DIS-R		Per SOW	20.00%
Metadata Creation/Update for Existing Datasets	M	SW, SR, R, L	Metadata to USGS 1.2 Specification	20.00%
Complex Surface Correlation using Algorithmic and Softcopy Photogrammetric Solutions	CSC-P		Per SOW	20.00%
Hydrologic Enforcement of Terrain Data to Support Hydrologic and Hydraulic Modeling	HET		Per SOW	20.00%

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Ground Control	GC	SW, SR, R, L	Collect and process GPS ground control for calibration of Lidar and/or for QA/QC purposes	10.00%
GPS Field Vector-based Data Collection	GPS-M		Mapping Grade (1-2 meter horizontal accuracy)	20.00%
GPS Field Vector-based Data Collection	GPS-S		Survey Grade (1-2 centimeter horizontal accuracy)	20.00%
Environmental and ecological site assessments	EE	SW, SR, R, L		20.00%
Wetland Delineation	WD	SW, SR, R, L		20.00%
Hydrographic surveys	HS	SW, SR, R, L		20.00%
Coastal surveys	CS	SW, SR, R, L		20.00%
High-water marks surveys	HWM-S	SW, SR, R, L		20.00%
Damage assessments	DA	SW, SR, R, L		20.00%
Independent Quality Control	I-QC	SW, SR, R, L	Independent quality control of outside production processes to ensure data integrity and to verify program goals are met	25.00%
Independent Quality Assurance	I-QA	SW, SR, R, L	Independent quality assurance (quantitative, qualitative and completeness checks) of lidar and imagery datasets	25.00%
Total Quality Management	I-TM	SW, SR, R, L	Manage multi-vendor teams to achieve total quality management	25.00%
Accuracy Assessments - Data Acceptance Criteria	AA-S	SW, SR, R, L	Develop geospatial data acceptance criteria for accuracy, quality and completeness	25.00%

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Accuracy Assessments - Accuracy Reports	AA-R	SW, SR, R, L	Create project accuracy reports for imagery or lidar datasets	25.00%

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**Custom Geospatial Data & Services Labor Categories**

<b>SERVICE CATEGORY</b>	<b>Detailed Service Description</b>	<b>Hourly MSRP Rate</b>	<b>DIR Customer Discount % off MSRP</b>
Project Manager	Hourly Labor Rate for Project Manager	\$161.30	10.00%
Senior Project Manager	Hourly Labor Rate for Senior Project Manager	\$229.62	10.00%
QA/QC Manager	Hourly Labor Rate for QA/QC Manager	\$144.81	10.00%
Survey Technician	Hourly Labor Rate for Survey Technician	\$74.40	10.00%
Survey Supervisor	Hourly Labor Rate for Survey Supervisor	\$109.41	10.00%
Registered Land Surveyor	Hourly Labor Rate for Registered Land Surveyor	\$200.40	10.00%
Imagery Analyst	Hourly Labor Rate for Imagery Analyst	\$87.29	10.00%
Senior Imagery Analyst	Hourly Labor Rate for Senior Imagery Analyst	\$102.65	10.00%
Senior GIS Analyst	Hourly Labor Rate for Senior GIS Analyst	\$116.03	10.00%
GIS Analyst	Hourly Labor Rate for GIS Analyst	\$83.86	10.00%
GIS Technician	Hourly Labor Rate for GIS Technician	\$81.72	10.00%
GIS/Imagery Analyst Supervisor	Hourly Labor Rate for GIS/Imagery Analyst Supervisor	\$129.84	10.00%
Photogrammetrist	Hourly Labor Rate for Photogrammetrist	\$105.43	10.00%
Senior Photogrammetrist	Hourly Labor Rate for Senior Photogrammetrist	\$266.70	10.00%
LIDAR Specialist	Hourly Labor Rate for LIDAR Specialist	\$97.13	10.00%
Senior LIDAR Specialist	Hourly Labor Rate for Senior LIDAR Specialist	\$112.56	10.00%
Remote Sensing Specialist	Hourly Labor Rate for Remote Sensing Specialist	\$87.35	10.00%
Remote Sensing Supervisor	Hourly Labor Rate for Remote Sensing Supervisor	\$132.00	10.00%
Senior System Architect	Hourly Labor Rate for Senior System Architect	\$232.68	10.00%
Senior Programmer	Hourly Labor Rate for Senior Programmer	\$207.96	10.00%
Programmer	Hourly Labor Rate for Programmer	\$187.41	10.00%
Senior Database Designer	Hourly Labor Rate for Senior Database Designer	\$182.05	10.00%
Database Manager	Hourly Labor Rate for Database Manager	\$113.49	10.00%