

**APPENDIX C PRICING INDEX
DIR-TSO-3391 (Per Amendment 1)
FUGRO USA LAND, 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)
L = Local – Corridor, Municipalities, Parks, etc. (0 – 250 sq. miles)

CUSTOMIZED GEOSPATIAL DATA SERVICES - PER STATEMENT OF WORK

CATEGORY / DESCRIPTION	Product / Service Number	Area of Interest (see notes above table)	Product Description	DIR Customer Discount % off of SOW Quoted Cost
<i>Derivative Datasets - Planimetric Mapping</i>	<i>DDa-PM</i>	<i>SW, SR, R, L</i>	<i>Planimetric mapping products produced from imagery and/or lidar</i>	<i>5.00%</i>
<i>Derivative Datasets - Planimetric Mapping Update</i>	<i>DDa-PMU</i>	<i>SW, SR, R, L</i>	<i>Review, update and package existing Planimetric data from newly acquired imagery and/or lidar data</i>	<i>5.00%</i>
<i>Derivative Datasets - Lidar Enhancement</i>	<i>DDa-LE</i>	<i>SW, SR, R, L</i>	<i>Enhancement to lidar data by providing value added services like hydro-enforced DEM, building footprints, etc.</i>	<i>5.00%</i>
<i>Derivative Datasets - Change Detection Analysis Lidar</i>	<i>DDa-CDAL</i>	<i>SW, SR, R, L</i>	<i>Change analysis against lidar products over multiple dates</i>	<i>5.00%</i>
<i>Derivative Datasets - Change Detection Analysis Imagery</i>	<i>DDa-CDAI</i>	<i>SW, SR, R, L</i>	<i>Change analysis against imagery products over multiple dates</i>	<i>5.00%</i>
<i>Derivative Datasets - Land Use / Land Cover Mapping</i>	<i>DDa-LULC</i>	<i>SW, SR, R, L</i>	<i>Cartographic mapping services to delineate land use and land cover from imagery and lidar data products</i>	<i>5.00%</i>
<i>Derivative Datasets - Hazard Mapping</i>	<i>DDa-HM</i>	<i>SW, SR, R, L</i>	<i>Geologic mapping services to delineate hazard areas</i>	<i>5.00%</i>
<i>Derivative Datasets - 3D Modeling</i>	<i>DDa-3DM</i>	<i>SW, SR, R, L</i>	<i>3 Dimensional Modeling from lidar, orthos or oblique imagery</i>	<i>5.00%</i>
<i>Data Development - Ground Control Collection</i>	<i>DDe-GC</i>	<i>SW, SR, R, L</i>	<i>Ground control land survey services</i>	<i>5.00%</i>
<i>Data Development - Check Point Surveying</i>	<i>DDe-CPS</i>	<i>SW, SR, R, L</i>	<i>Land survey services for setting and processing check points to verify accuracy of mapping products</i>	<i>5.00%</i>
<i>Data Development - Rapid Response Mapping</i>	<i>DDe-RRM</i>	<i>SW, SR, R, L</i>	<i>Rapid mobilization of aircraft and crew to collect and process airborne lidar, orthoimagery or oblique imagery post event</i>	<i>5.00%</i>
<i>Data Development - Virtual World Asset Management</i>	<i>DDe-VWAM</i>	<i>SW, SR, R, L</i>	<i>Roames virtual world asset management building model creation and reporting</i>	<i>2.00%</i>
<i>Data Development - Mobile Lidar and Pavement Analysis - Pavement performance data collection and processing - Low Complexity</i>	<i>DDe-LPppl</i>	<i>SW, SR, R, L</i>	<i>Pavement performance data collection and processing - Low Complexity assumes highway data collection and processing over low complexity area of interest within an Urban area defined by city limits shown on publically available census polygon data. Data deliverables can include Roughness, Rutting, Profile, Distress, Faulting, Texture.</i>	<i>15.00% Minimum of 1000 miles of collection</i>
<i>Data Development - Mobile Lidar and Pavement Analysis - Pavement performance data collection and processing - High Complexity</i>	<i>DDe-LPppH</i>	<i>SW, SR, R, L</i>	<i>Pavement performance data collection and processing - High Complexity assumes highway data collection and processing over low complexity area of interest within an Urban area defined by city limits shown on publically available census polygon data. Data deliverables can include Roughness, Rutting, Profile, Distress, Faulting, Texture, Pavement management implementation, network analysis.</i>	<i>15.00% Minimum of 1000 miles of collection</i>
<i>Data Development - Mobile Lidar and Pavement Analysis - Mobile Asset Data Collection and processing - Low Complexity</i>	<i>DDe-LPmaL</i>	<i>SW, SR, R, L</i>	<i>Mobile Asset Data Collection and processing, High Complexity includes the data collection and processing efforts for mobile mapping products with a low density of asset deliverables. Deliverables include classified lidar point cloud, planimetric mapping data of asset information and location, etc.</i>	<i>15% With a minimum of 1000 miles of collection</i>

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CUSTOMIZED GEOSPATIAL DATA SERVICES - PER STATEMENT OF WORK				
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Data Development - Mobile Lidar and Pavement Analysis - Mobile Asset Data Collection and processing - High Complexity	DDe-LPmaH	SW, SR, R, L	Mobile Asset Data Collection and processing, High Complexity includes the data collection and processing efforts for mobile mapping products with a high density of asset deliverables. Deliverables include classified lidar point cloud, planimetric mapping data of asset information and location, etc.	15.00% Minimum of 1000 miles of collection
Data Development - Bathymetric Surveying	DDe-BS	SW, SR, R, L	Bathymetric data collection and processing	5.00%
QAQC - Orthoimagery	QAQC-O	SW, SR, R, L	Independent review of orthoimagery projects, products, quality and accuracies	5.00%
QAQC - Lidar	QAQC-L	SW, SR, R, L	Independent review of lidar projects, products, quality and accuracies	5.00%
QAQC - Planimetric Data	QAQC-P	SW, SR, R, L	Independent review of planimetric projects, products, quality and accuracies	5.00%
QAQC - Digital Terrain Models	QAQC-DTM	SW, SR, R, L	Independent review of Digital Terrain Model projects, products, quality and accuracies	5.00%
QAQC - Land Use / Land Cover	QAQC-LULC	SW, SR, R, L	Independent review of Land Use / Land Cover projects, products, quality and accuracies	5.00%
QAQC - Imagery Accuracy Assessment	QAQC-IAA	SW, SR, R, L	Imagery accuracy assessment using ground control check point survey	5.00%
QAQC - Lidar Accuracy Assessment	QAQC-LAA	SW, SR, R, L	Lidar data accuracy assessment using ground control check point survey	5.00%