

AECOM Technical Services, Inc.
DIR-CPO-4495 Appendix C Pricing Index

BRAND	CATEGORY	DESCRIPTION	DISCOUNT % OFF MSRP
Hexagon	Orthophotography - Archive (15 cm)	Imagery or orthophotography previously captured and processed from fixed wing or satellite. Pricing Unit: square kilometer	5.00%
Hexagon	Orthophotography - Archive (30 cm)	Imagery or orthophotography previously captured and processed from fixed wing or satellite. Pricing Unit: square kilometer	5.00%
Hexagon	Elevation - Archive (DSM derived from 15 cm)	Elevation data previously captured and processed. Pricing Unit: square kilometer	5.00%
Hexagon	Elevation - Archive (DSM derived from 30 cm)	Elevation data previously captured and processed. Pricing Unit: square kilometer	5.00%
N/A	LiDAR - Manned Aircraft (0.5 m spacing)	LiDAR acquisition and processing, manned aerial platform. Full classification (98% of all buildings >= 1000 square feet classified). Minimum AOI is 500 square miles. Pricing Unit: square mile	5.00%
N/A	Orthophotography - Manned Aircraft (4 band, 6 inch)	Orthophotography acquisition and processing, manned aerial platform. Minimum AOI is 500 square miles. Pricing Unit: square mile	5.00%
N/A	Orthophotography - Manned Aircraft (4 band, 3 inch)	Orthophotography acquisition and processing, manned aerial platform. Minimum AOI is 500 square miles. Pricing Unit: square mile	5.00%
MAXAR	Satellite Imagery – Archive (Panchromatic, 30 cm, >90 days)	Imagery or orthophotography captured by a sensor orbiting Earth (>90 days). Pricing Unit: square kilometer	5.00%
MAXAR	Satellite Imagery – Archive (3-band or 4-band color/near IR, 30 cm, >90 days)	Imagery or orthophotography captured by a sensor orbiting Earth (>90 days). Pricing Unit: square kilometer	5.00%
MAXAR	Satellite Imagery – Archive (8-band color/near IR, 30 cm, >90 days)	Imagery or orthophotography captured by a sensor orbiting Earth (>90 days). Pricing Unit: square kilometer	5.00%
MAXAR	Satellite Imagery - Archive (SWIR, 3.7 m, >90 days)	Imagery or orthophotography captured by a sensor orbiting Earth (>90 days). Pricing Unit: square kilometer	5.00%
MAXAR	Satellite Imagery – Select Plus New Collection (Panchromatic, 30 cm)	New tasks for imagery or orthophotography to be captured by a sensor orbiting Earth. Pricing Unit: square kilometer	5.00%
MAXAR	Satellite Imagery – Select Plus New Collection (3-band or 4-band color/near IR, 30 cm)	New tasks for imagery or orthophotography to be captured by a sensor orbiting Earth. Pricing Unit: square kilometer	5.00%
MAXAR	Satellite Imagery – Select Plus New Collection (8-band color/near IR, 30 cm)	New tasks for imagery or orthophotography to be captured by a sensor orbiting Earth. Pricing Unit: square kilometer	5.00%

MAXAR	Satellite Imagery - Select Plus New Collection (SWIR, 3.7 m)	New tasks for imagery or orthophotography to be captured by a sensor orbiting Earth. Pricing Unit: square kilometer	5.00%
N/A	Aerial Imagery Interpretation	The inspection, evaluation, or interpretation of aerial photographs.	10.00%
N/A	Artificial Intelligence/Machine Learning	The development and utilization of automated processes to extract/discover useful information from data.	10.00%
N/A	Bathymetric Survey Services	Surveys of underwater depths.	10.00%
N/A	Data Analytics	Activities associated with identifying and analyzing trends in data.	10.00%
N/A	Database Management	The organization, storage, retrieval, and security of a database.	10.00%
N/A	Datasets - BIM Data	Create a BIM from geospatial data and integrate them into GIS data products.	10.00%
N/A	Datasets - Change Detection	The analyzing of two separate but similarly georeferenced data with the goal of determining change.	10.00%
N/A	Datasets - Data Conversion	Changing a dataset from one form to another.	10.00%
N/A	Datasets - Digitization	The development of GIS data layers through the digitization of hard copy images, maps, surveys, or other reporting methods.	10.00%
N/A	Datasets - Elevation Derived Hydrography (EDH)	Development of hydrography layer, such as the National Hydrography Dataset (NHD) from LiDAR, orthoimagery, and community base data. Products include high-resolution hydrology datasets of surface water including direction of flow. Additionally surface slope rasters can be used along with extracted slope, and high and low elevation points for closed polygon hydro features to estimate change in volume of water over time. Final data can be included in the NHD.	10.00%
N/A	Datasets - Field Data Collection	Field efforts to collect data via observation, tablet, form, or any other process.	10.00%
N/A	Datasets - Flood Related Mapping Support	Perform flood related mapping analysis and create standard derivative products. A common post flood need is the development of post flood, structure substantial damage estimate (SDE) datasets. AECOM designed the SDE FEMA tools and has additionally developed dashboards and customized field collection tools that ensure quality data captured at a much more reduced cost and quicker timeline.	10.00%
N/A	Datasets - Georeferenced Spatial Datasets	The editing, reprojection, analysis, or manipulation of any dataset that contains internal coordinates.	10.00%
N/A	Datasets - Geospatial Data Analysis	Analysis of geospatial data including LiDAR, orthophotography, multispectral imagery, hyperspectral imagery, IFSAR, or thermal imagery. Examples of deliverable outputs might include volumetric analysis, vegetation encroachment of transmission lines, distribution of feature analysis, riparian buffer density, change detection, predictive analysis, site suitability analysis/selection, etc.	10.00%

N/A	Datasets - Land Use / Land Cover	Development of high resolution land use/ land cover rasters from multispectral aerial imagery, LiDAR, and planimetric data. Impervious surface - Creation of impervious surface planimetric datasets using orthophotography, LiDAR or other existing geospatial data. Resource mapping - Perform wetland and unique habitat delineation. Canopy cover - Development of high-resolution canopy cover from multispectral aerial imagery.	10.00%
N/A	Datasets - LiDAR Classification/Processing	Detailed classification or processing of LiDAR point clouds	10.00%
N/A	Datasets - Planimetrics - Field Survey Derived	Development of planimetric data captured from field surveys. This type of collection can support asset management and utility mapping.	10.00%
N/A	Datasets - Structure from Motion	Structure from Motion processing of unmanned imagery, sometimes known as PhoDAR. Allows 3D terrain and structure product creation. Datasets could include 3D models, topography, contours, meshes	10.00%
N/A	Datasets - Terrestrial 3D Point Clouds	The creation of point clouds via scanning, surveying, or photogrammetric means.	10.00%
N/A	Datasets - UAS Post Processing	Processing of raw UAV imagery into orthophotography, digital surface models, or surface point clouds.	10.00%
N/A	Development - Geospatial Web Application Development	Web-based mapping applications to provide remote access, as example to imagery, online base maps, and floodplain mapping data; and other mapping applications, web or otherwise to support related themes of interest to DIR partners and customers.	10.00%
N/A	Development - GIS Application Development	Software development of tools, queries, viewers, or applications that utilize GIS data.	10.00%
N/A	Development - Web-Based Application Development	The creation of applications that reside on remote servers.	10.00%
N/A	Development - Web-Based Interfaces	Software development of solutions to be deployed in web-based interfaces.	10.00%
N/A	General GIS Services	Efforts that involve the editing, manipulation, or creation of vector or raster datasets; the design and development of geodatabases; data attribution; geocoding.	10.00%
N/A	GIS Managed Cloud Services	The hosting, management, manipulation, or analysis or data in a cloud based environment.	10.00%
N/A	GIS Training, Education, and Knowledge Base Transfer	Training, course, manuals, or any other form of knowledge transfer related to GIS.	10.00%
N/A	Ground Control Survey	Perform ground control collection and provide survey report.	10.00%
N/A	Hard Copy Scanning	Scanning of hardcopy maps to create digital versions. Additionally, the maps can be georeferenced to a datum and projection.	10.00%
N/A	IT Systems and GIS Integration	Any task related to bringing together sub-systems into a single system.	10.00%
N/A	Modeling - Hazard Model Development	By leveraging geospatial data and geographic information systems predictive hazard models can be developed to address natural or man-made events.	10.00%

N/A	Modeling - Topological, Hydrological, and Cartographic Modeling	The development and utilization of computer simulations.	10.00%
N/A	Oblique Imagery - Manned Aircraft	Imagery that is typically obtained via an airframe that includes non-nadir or oblique looks at the ground.	10.00%
N/A	Oblique Imagery - Unmanned Aerial System (UAS)	Imagery that is typically obtained via an airframe that includes non-nadir or oblique looks at the ground.	10.00%
N/A	LiDAR - Unmanned Aerial System (UAS)	LiDAR acquisition and Processing, Unmanned Aircraft System (UAS) / Drones.	10.00%
N/A	Orthophotography - Unmanned Aerial System (UAS)	Orthophotography acquisition and processing, Unmanned Aircraft System (UAS) / Drones.	10.00%
N/A	Other Imaging Sensors - Unmanned Aerial System (UAS)	The utilization of any sensor beyond RGB imagery and LiDAR. Sensors types could include multispectral, hyperspectral, thermal, or a magnetometer.	10.00%
N/A	Mobile LiDAR	LiDAR capture from a vehicle other than an airframe.	10.00%
N/A	Terrestrial Laser Scanning	Tripod or handheld LiDAR scans.	10.00%
N/A	Quality Assurance/Quality Control	Comprehensive SME reviews of georeferenced datasets that could include, but not be limited to LiDAR, orthophotography, UAS data, or other geospatial datasets.	10.00%
N/A	Web Mapping Services	Development and/ or support of georeferenced maps images published to the internet.	10.00%

Services

SERVICE NAME	SERVICE DESCRIPTION (provide detailed service features)	Unit of Issue	Discount % off MSRP/List (2 decimals)
Aerial Imagery Interpretation	The inspection, evaluation, or interpretation of aerial photographs.	production hour	10.00%
Artificial Intelligence/Machine Learning	The development and utilization of automated processes to extract/discover useful information from data.	production hour	10.00%
Bathymetric Survey Services	Surveys of underwater depths.	production hour	10.00%
Data Analytics	Activities associated with identifying and analyzing trends in data.	production hour	10.00%
Database Management	The organization, storage, retrieval, and security of a database.	production hour	10.00%
Datasets - BIM Data	Create a BIM from geospatial data and integrate them into GIS data products.	production hour	10.00%
Datasets - Change Detection	The analyzing of two separate but similarly georeferenced data with the goal of determining change.	production hour	10.00%
Datasets - Data Conversion	Changing a dataset from one form to another.	production hour	10.00%
Datasets - Digitization	The development of GIS data layers through the digitization of hard copy images, maps, surveys, or other reporting methods.	production hour	10.00%

Datasets - Elevation Derived Hydrography (EDH)	Development of hydrography layer, such as the National Hydrography Dataset (NHD) from LiDAR, orthoimagery, and community base data. Products include high-resolution hydrology datasets of surface water including direction of flow. Additionally surface slope rasters can be used along with extracted slope, and high and low elevation points for closed polygon hydro features to estimate change in volume of water over time. Final data can be included in the NHD.	production hour	10.00%
Datasets - Field Data Collection	Field efforts to collect data via observation, tablet, form, or any other process.	production hour	10.00%
Datasets - Flood Related Mapping Support	Perform flood related mapping analysis and create standard derivative products. A common post flood need is the development of post flood, structure substantial damage estimate (SDE) datasets. AECOM designed the SDE FEMA tools and has additionally developed dashboards and customized field collection tools that ensure quality data captured at a much more reduced cost and quicker timeline.	production hour	10.00%
Datasets - Georeferenced Spatial Datasets	The editing, reprojection, analysis, or manipulation of any dataset that contains internal coordinates.	production hour	10.00%
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VOLUME DISCOUNT

BRAND NAME	PER TRANSACTION	FREQUENCY	ADDITIONAL DISCOUNT
All Proposed Services	\$100,000-\$250,000	Per Transaction	add 1.50%
All Proposed Services	\$250,001-\$500,000	Per Transaction	add 2.00%
All Proposed Services	\$500,001-above	Per Transaction	add 3.00%