TASK ORDER
REQUEST FOR PROPOSAL
Solicitation Number: AK-TO-6-10-1

OPTION YEAR 2010

Tongass National Forest, Alaska

Solicitation Issue Date: April 30, 2010
Proposal Due Date: May 26, 2010

U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY
AERIAL PHOTOGRAPHY FIELD OFFICE

NOTICE TO OFFEROR

Any proposal submitted for this RFP must be identified with the following information labeled on the outside of the mailing package:

TASK ORDER SOL.NO.: AK-TO-6-10-1
DUE DATE: MAY 26, 2010, 4:30 PM
RECEIVING OFFICE: CONTRACTING

Mail To: AERIAL PHOTOGRAPHY FIELD OFFICE
CONTRACTING OFFICER
2222 WEST 2300 SOUTH
SALT LAKE CITY UTAH 84119-2020

PLEASE NOTE THE FOLLOWING SPECIAL TASK ORDER INSTRUCTIONS

This Task Order RFP solicitation is for the Option Year 1 of the contract, covering the 2010 performance period.

Proposals must be presented in two parts, a pricing proposal and a technical proposal. Please do not secure your proposal using a "plastic comb" or spiral type bindings and limit the size to a maximum of 20 double-sided pages (Documentation and samples required in accordance with Attachment A of the contract may be submitted in a separate referenced attachment and will not be counted towards the page limitation). Task order awards will be made based on procedures established in Section L-3 of the contract, USDA-FS-6-09.

The quality of Alaska digital elevation models (DEMs) is historically poor and/or nonexistent and Contractors are encouraged to review all possible approaches to meet the task order requirements. Contractors should provide a detailed description of the technical approach and processes used to achieve the horizontal accuracy requirements of this task order project.

The Government's obligation under this task order RFP is contingent upon the availability of funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment, other than the minimum guaranteed amount, may arise until funds are made available to the Contracting Officer for all or part of the task order requirements. The Government also reserves the right to award less than the total quantities stated in the project item.

PART I – PRICING PROPOSAL

TASK ORDER REQUEST FOR PROPOSAL

TONGASS NATIONAL FOREST, ALASKA ORTHOIMAGERY PROJECT

1.0 PROJECT ITEM 1: TONGASS NATIONAL FOREST, ALASKA (AREA 3)

Furnish direct digital imagery services and all related services and supplies in accordance with the requirements, specifications, terms, conditions, clauses, and provisions specified herein and in the original indefinite-delivery, indefinite-quantity contract, effective for the periods stated in the schedule. The Government's proposed project areas, quantities, and other parameters listed below, are subject to change through the negotiation process of selecting the "Best Value" source for task order award.

1.1 Pricing Proposal

TONGASS NATIONAL FOREST, ALASKA (AREA 3)				
COMPANY NAME: **Aero-Metric, Inc.**		AUTHORIZED SIGNATURE:		
PROJECT ITEM	**QTY**	**UNIT**	**UNIT PRICE**	**TOTAL AMOUNT**
Tongass NF, AK Area 3	80	DOQQQ	$	$

PRICING PROPOSAL INSTRUCTIONS:
In the space provided above, indicate the unit price (price per DOQQQ) and total amount. In case of discrepancy between the unit price and the total amount, the unit price is presumed to be correct, subject, however, to correction to the same extent and in the same manner as any other mistake (see paragraph M-2.2, Price Evaluation of the contract). **PLEASE NOTE: The minimum unit of offer is a project item.**

1.2 Intended Use of Photography

The imagery shall be used by U.S. Forest Service to collect and measure natural resource data by means of photo interpretation and Geographic Information Systems (GIS) technologies.

1.3 Contract Performance Period

The contract performance period for the acquisition and delivery of Tongass National Forest, AK, Area 3, in Option Year One is: Date of Award through December 31, 2010.

1.4 Delivery Schedule

All delivery materials required under this task order shall be delivered on or before the following dates. The Contractor shall maintain a copy of the all data until APFO acknowledges receipt.

DATA ITEM	DUE DATE
All materials (see paragraph 1.6 below, Materials to be delivered)	November 15, 2010

If a task order extension is granted, an "interim" CPM and Stereo Block Files and IMU Data Files (*if option 2 is exercised*), by the due date specified above. A final delivery of the interim products shall be submitted per the terms of the task order extension.

1.5 Project Requirements

(a) Project Code and Agency Designator: 610020 and USDA-F, respectfully.

(b) Spatial Resolution: All imagery shall have a 30 cm (1 ft) ground sample distance (GSD) or better.

(c) Relative Horizontal Accuracy Requirements: All DOQQQs and CPM shall have 95% of all well-defined points tested fall within 13.9 meters of true ground.

(d) Radiometric Resolution: All imagery shall be collected in 4-band at a minimum of 12-bits per band.

(e) Acquisition Period: June 1, 2010 through September 15, 2010.

(f) Minimum Sun Angle: 35 degrees.

(g) Project Projection: US State Plane Zone 1 (Oblique Mercator), FIPS 5001, NAD 83, GRS 1980, meter units.

(h) Project Flight Requirements. See Section C-5.3 of the Contract.

1.6 Materials to be Delivered:

Two (2) copies/sets of all deliverables are required under this task order. Only the items listed below shall be prepared and submitted by the Contractor, unless options are exercised. All contract materials shall be prepared in accordance with specifications and work statement (Section C), packaging and marking (Section D), inspection and acceptance (Section E), and delivery schedule (Section F) requirements.

Project Flight Plan (for approval)
Digital Ortho-rectified Quarter-quarter Quadrangle (DOQQQ) Tiles*

Compressed Project Mosaic(s) (CPM)*
Accuracy and Quality Control Reports*
Progress Reports
Photo-center Files*

*Associated Metadata Required

(a) Project Flight Plan. See Section B-2.2 of the contract.

(b) DOQQQ Tiles. All imagery shall be an 8-bit per channel 4-band color corrected image tile. See Section C-6.3 of the contract.

(c) Compressed Project Mosaics (CPMs): The CPM shall be compressed and saved in LizardTech's MrSID® Generation Three (MG3) format. When encoding the CPM, the following settings shall be applied: compression block size of 64; both the transparency and background values set to an RGB value of 0,0,0 (black); and use the "maximum zoom level" applicable to the input image, for example: checking the "Use Maximum Zoom Levels for Image" button in the encoding options menu. Compression ratio shall be 15:1. All standard MrSID® MG3 files generated by the LizardTech software (i.e., .sid, .sdw, and .txt) shall be included. The image header shall contain correct ESRI compatible projection information for the mosaic. All CPM compression shall be at the same ratio and settings. See Section C-6.4.

(1) MrSID Log File. The Contractor shall provide the "text" file created when generating the CPM. The file shall use the same naming convention as the CPM but with a ".txt" extension.
(2) Auxilary File. The Contractor shall provide an ".aux" file containing ESRI® projection information for each CPM. The auxiliary file shall contain the proper projection information for the mosaic and shall match the information in the CPM header. The file shall use the same naming convention as the CPM but with an ".aux" extension.

(d) Accuracy and Quality Control Reports. See Section C-8 of the contract.

(e) Daily Progress Reports. See Section C-7.1 and Section J, Exhibit 3 of the Contract

(f) Photo-Center Data File. Contractor shall prepare a digital photo-center data file for the aerial photography delivered under this task order. The photo-center file shall be formatted to the projection in 1.5(g). See Section C-7.3 of the Contract.

1.7 Government-Furnished Property

No additional Government-Furnished Property (GFP) will be provided in addition to the item(s) of property listed in the contract.

2.0 OPTION 1: UNPROCESSED 16-BIT IMAGE FILES

The Government will consider price proposals on an optional award for uncompressed, unprocessed 16-bit image files. The Contracting Officer may exercise this option by notice to the Contractor within ninety (90) days of the contract award. If this option is exercised this requirement will be incorporated into and become part of this Task Order. The Contracting Officer may or may not exercise this option.

OPTION 1: UNPROCESSED 16-BIT IMAGE FILES				
PROJECT ITEM	**QTY**	**UNIT**	**UNIT PRICE**	**TOTAL AMOUNT**
Tongass NF, AK Area 3		EXPOSURE	$	$

2.1 Materials to be Deliverables:

Two (2) copies/sets of all deliverables are required under this option. Only the item listed below shall be prepared and submitted by the Contractor required under the base task order. All contract materials shall be prepared in accordance with specifications and work statement (Section C), packaging and marking (Section D), inspection and acceptance (Section E), and delivery schedule (Section F) requirements.

(a) Unprocessed 16-bit Image Files. See Section C-6.1 of the Contract. Associated metadata is required to be delivered under this option.

3.0 OPTION 2: COLOR CORRECTED 8-BIT IMAGE FILES & STEREO BLOCK FILES

The Government will consider price proposals on an optional award for Color Corrected 8-bit Image Files and Stereo Block File(s). The Contracting Officer may exercise this option by notice to the Contractor within ninety (90) days of the contract award. If this option is exercised this requirement will be incorporated into and become part of this Task Order. The Contracting Officer may or may not exercise this option.

OPTION 2: COLOR CORRECTED 8-BIT IMAGE FILES, STEREO BLOCK FILES, & IMU DATA FILES				
PROJECT ITEM	**QTY**	**UNIT**	**UNIT PRICE**	**TOTAL AMOUNT**
Tongass NF, AK Area 3		EXPOSURE	$	$

3.1 Materials to be Delivered

Two (2) copies/sets of all deliverables are required under this option. Only the item listed below shall be prepared and submitted by the Contractor required under the base task order. All contract materials shall be prepared in accordance with specifications and work statement (Section C), packaging and marking (Section D), inspection and acceptance (Section E), and delivery schedule (Section F) requirements.

(a) Color Corrected 8-bit Image Files. See Section C-6.2 of the contract. Associated metadata is required to be delivered under this option.

(b) Stereo-Block Files. See Section C-6.7 of the contract. Associated metadata is required to be delivered under this option.

(c) IMU DATA FILES. See Section C-6.5 of the contract. Associated metadata is required to be delivered under this option.

4.0 OPTION 3: PROVEN ACCURACY ASSESSMENT

The Government will consider price proposals on an optional award for a Proven Accuracy Assessment. The Contracting Officer may exercise this option by notice to the Contractor within ninety (90) days of the contract award. If this option is exercised this requirement will be incorporated into and become part of this Task Order and replace Section C-8.1 of the Contract for accuracy assessment requirements. The Contracting Officer may or may not exercise this option.

OPTION 3: PROVEN ACCURACY ASSEMENT				
PROJECT ITEM	**QTY**	**UNIT**	**UNIT PRICE**	**TOTAL AMOUNT**
Tongass NF, Area 3	1	PROJECT AREA	$	$

4.1 Material to be Delivered:

The Contractor shall conduct a horizontal accuracy assessment of the tiles and provide a written report on the measured results. The report shall contain data related to inspected points and a statement of accuracy meeting 3.2.3 of the National Standard for Spatial Data Accuracy (NSSDA). Example statement: "Tested 13.9 meters horizontal accuracy at 95% confidence level".

5.0 ADMINISTRATIVE MATTERS

5.1 Annual Representations and Certifications

Contractors shall complete electronic annual representations and certifications at http://orca.bpn.gov in conjunction with the required registration in the Central Contractor Registration (CCR) database. Contractors shall submit updates to the Online Representations and Certifications Application (ORCA) as necessary, but at least annually, to ensure they are kept current, accurate, and complete. The representations and certifications are effective until one year from the date of submission or update to ORCA. Please refer to Section K-1, Annual Representations and Certifications, FAR Clause 52.204-8 of the contract.

5.2 Small Business Subcontracting Plan

If applicable, all Contractors, except those certified as a small business concern, shall submit a subcontracting plan that separately addresses subcontracting with small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business concerns, small disadvantaged business and women owned small business concerns. The subcontracting plan shall be included and made a part of the resultant task order award and be negotiated with the Contracting Officer during the task order negotiation period. Failure to submit and negotiate the subcontracting plan shall make the offeror ineligible for award. Please refer to Section I-9, Clauses Incorporated by Reference, Small Business Subcontracting Plan, FAR Clause 52.219-09 of the contract.

5.3 Task Order Ombudsman

The Director of USDA-FSA-Aerial Photography Field Office shall serve as the Task Order Ombudsman responsible for reviewing complaints from the contractors and ensuring that all of the contractors are afforded a fair opportunity to be considered for task orders issued under this contract. To contact the task order Ombudsman please phone (801) 844-2907, or mail to: Director, APFO, 2222 West 2300 South, Salt Lake City, UT 84119.

5.4 Availability of Funds (FAR 52.232-18, April 1984)

Funds are not presently available for this contract. The Government's obligation under this contract is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the Contracting Officer for this contract and until the Contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.

LIST OF EXHIBITS AND ATTACHMENTS

Exhibit	Description	Page
Exhibit 1	Required Documentation (3 pages)	9-11
Exhibit 2:	Project Item Map (1 page)	12

EXHIBIT 1
Required Documentation

1.0 AIRCRAFT TO BE USED IN COMPLETION OF ITEM(S) IN THIS CONTRACT

In the space provided below, the list all aircraft proposed for use on this task order.

Aircraft Make/Model	**Registration No.** ***(Tail No.)***	**Operating Ceiling**	**Offeror Owned (check appropriate block)**
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *

* If the aircraft is/are not offeror owned, a written statement of availability from the owner of the aircraft must be enclosed. See Section C-4, Equipment Requirements.

2.0 CAMERA(S) TO BE USED IN COMPLETION OF ITEM(S) IN THIS CONTRACT

In the space provided below, list all cameras proposed for use on this task order. Current calibration report(s) must be enclosed or on file at the Aerial Photography Field Office.

Manufacturer's Calibration Report Date	**Make/Model**	**Serial Number (digital sensors)**	**Offeror Owned (check appropriate block)**
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *
			[ ] Yes [ ] No *

* If the camera(s) is/are not offeror owned, a written statement of availability from the owner(s) of the camera(s) must be enclosed. See Section C-4, Equipment Requirements.

3.0 PAST PERFORMANCE REFERENCES

If no previous contracts have been held by the offeror with the Aerial Photography Field Office, list two (2) references with whom the offeror has held similar contracts. If possible, one reference should be within the Federal Government.

(List company or agency name, address, name of person to contact, and telephone number)

(1)	(2)

4.0 KEY PERSONNEL INTENDED FOR PERFORMANCE ON THIS CONTRACT

List all key professional and technical personnel intended to perform on this contract. List may include project manager, pilot(s), photographer(s), and key back-up or support personnel.

Name	Title	Education	Years of Experience

5.0 INCOMPLETE CONTRACTS AS OF DATE OF PROPOSAL

In the space provided below, the Contractor is requested to indicate the remaining work that may coincide or conflict with the work proposed in this task order.

Indicate by Linear Miles	**Remaining Work - Winter**	**Remaining Work - Summer**
U.S. Government Contracts		
All Other Contracts		

6.0 DIGITAL SENSOR APPROVAL REQUIREMENTS

Each offeror proposing to use a digital camera/sensor, shall have on file with the Aerial Photography Field Office, or shall submit with the offer, (1) a report of calibration, (2) sample digital imagery, (3) digital sensor documentation from the camera/sensor proposed for use. Please refer to Contract Attachment B for digital camera/sensor approval requirements.

For each digital sensor proposed to be used, please indicate which statement is correct:

[ ] Digital Sensor Approval Requirements on file at APFO.

[ ] Digital Sensor Approval Requirements submitted with offer.

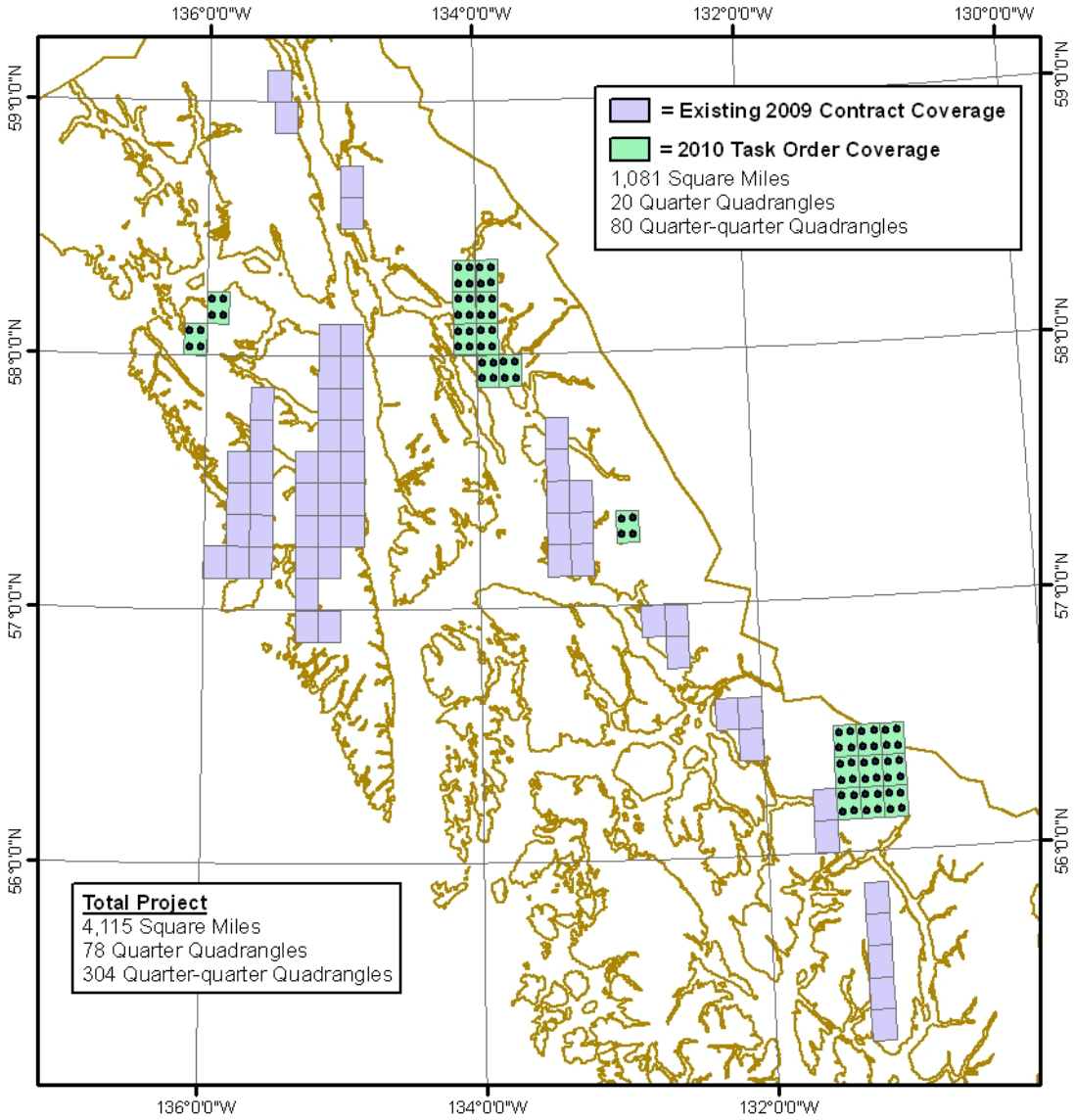
7.0 CURRENT FINANCIAL STATEMENT

Offerors may be required to provide a "current" financial statement. For purposes of this solicitation, a current financial statement would be the most recent annual report, updated, if necessary, so that information reflects the company's financial status within 6 months.
All data shall be certified by an authorized company officer as to its accuracy and veracity or validated by an independent certified public account. If necessary, the Contracting Officer may request additional financial information.

Financial information received will be treated as confidential and will not be used for purposes other than evaluation of financial responsibility. Failure to provide this information may delay or prohibit the Contracting Officer from making an affirmative decision on the offerors responsibility. Please indicate which statement is correct:

[ ] Current financial statement on file at APFO.

[ ] Current financial statement submitted with offer.

Exhibit 2
Project Item Map

U.S. DEPARTMENT OF AGRICULTURE
AERIAL IMAGERY
SOLICITATION NO: USDA-FS-6-10
ITEM 1: Tongass National Forest, ALASKA
GSD: 30cm (11.8 inches) Quarter Quad Center
PROJECT IDENTIFICATION CODE: 610020