

# TASK ORDER REQUEST FOR PROPOSAL

DIGITAL HI-RES NRI IMAGERY SERVICES

for the

USDA Agriculture Research Service (ARS)  
Small Area Aerial Photography Services

**Task Order Solicitation Number: SAC-TO-2-11-2**

**Task Order Issue Date: 24-MAR-2011**

**Proposal Due Date: 22-APR-2011**



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

#### NOTICE TO OFFEROR

Proposals submitted in response to this RFP must be identified with the following information labeled on the outside of the mailing package:

SOL.NO: SAC-TO-2-11-2

DUE DATE: 22-APR-2011, 2:00 PM

RECEIVING OFFICE: CONTRACTING

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

## **NOTICE TO OFFERORS :**

PLEASE NOTE THE FOLLOWING SPECIAL TASK ORDER INSTRUCTIONS:

This simplified task order RFP is issued under the multi-award fixed-price IDIQ contract (USDA-NRCS-2-11) established in the base year 2011. Task Order awards will be made based on procedures established in Section L-3.1 of the contract.

General requirements are for direct digital, four (4) band, unprocessed (radiometrically uncorrected) imagery, and processed (orthorectified) imagery at two (2) separate ground sample distances (15 cm for Area Segments, and 3 cm for Points). See Paragraphs 3.5 and 3.6.

There is a requirement to notify Government prior to planned imagery acquisition. See Paragraph 3.3 (b) Approximate Photographic Periods, Notification.

This RFP is subject to the Availability of Funds Clause (FAR 52.232-18), See Paragraph 5.4.

**TASK ORDER REQUEST FOR PROPOSAL**

**PART I – PRICING PROPOSAL**

**SMALL AREA TASK ORDER – DIGITAL HI-RES NRI SITES**

**1.0 DIRECT DIGITAL AERIAL PHOTOGRAPHY SERVICES**

Furnish aerial photography 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 in Paragraph 1.2 are subject to change through the negotiation process of selecting the “Best Value” source for task order award.

**1.1 Pricing Proposal – Project 1, Digital High Resolution NRI Sites**

<b>PROJECT 1 – DIGITAL HIGH RESOLUTION NATIONAL RESOURCES INVENTORY (NRI) SITES, AERIAL PHOTOGRAPHY AND RELATED SERVICES</b>				
COMPANY NAME:		AUTHORIZED SIGNATURE:		DATE:
<b>PROJECT 1 - PRICING PROPOSAL</b>				
PROPOSED STATES	TOTAL QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
		NRI AREA SEGMENT	\$	\$
		NRI POINT	\$	\$
GRAND TOTAL:				\$

**1.2 State Description, Quantities, and Check List**

The following are state area segment and point quantities for the 2011 Digital High Resolution NRI Site requirements. Please mark the appropriate space provided below (Check Box) next to the state(s) you are offering in your task order proposal.

CHECK BOX	STATE	NRI AREA SEGMENTS	NRI POINTS
[ ]	ARIZONA	12	24
[ ]	IDAHO	7	14
[ ]	OKLAHOMA	13	26
[ ]	TEXAS	13	26
[ ]	WYOMING	10	20
<b>TOTALS:</b>		<b>55</b>	<b>110</b>

**PLEASE NOTE: The minimum unit of offer is a complete state including all NRI Area Segments and NRI Points associated with that state.**

## 2.0 TASK ORDER REQUIREMENTS

The general scope of this task order is to procure vertical, high resolution, direct digital, 4-band aerial imagery in several formats for the inventory of natural resources for the National Resources Inventory program (NRI). The United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS), Agricultural Research Service (ARS) shall use the imagery acquired under this task order to collect and measure natural resource data by means of photo interpretation and use of Geographic Information Systems (GIS) technologies.

### 2.1 Task Order Performance Period

The performance period for the acquisition and delivery of Digital High Resolution NRI imagery is: **Date of Award (May 2011) through October 15, 2011.**

### 2.2 Intended Use of Photography

The primary use of the digital imagery is for the ARS to conduct work on general research objectives including assessment and monitoring of rangelands at landscape, watershed, and regional scales, remediation of degraded rangelands, livestock management strategies, and ecosystem responses to changes in climate, and other management issues. Within each area segment and point, data is collected on land cover and use, soil erosion, rangeland, farmland, wetlands, and characteristics of other natural resources.

### 2.3 Location of Work

The 2011 Digital High Resolution NRI Site project covers a sample of 55 NRI Area Segments and 110 NRI Points located in five (5) states: Arizona, Idaho, Oklahoma, Texas, and Wyoming. Please refer to Exhibit 1, Digital High Resolution Locations.

### 2.4 Task Order Deliverables

The following deliverables shall be submitted by the Contractor and prepared in accordance with this Task Order and the IDIQ contract specifications including work statement (Section C), packaging and marking (Section D), inspection and acceptance (Section E), and delivery schedule (Section F). The Contractor shall not mix imagery or other files from multiple states on hard drives.

- (a) Unprocessed Imagery: Radiometrically uncorrected 4-band, single point georeferenced, uncompressed, digital image files in 16-bit GeoTiff format.
  - (1) Area Segment imagery requires coverage at 15 cm resolution.
  - (2) Point imagery requires single image exposure at 3 cm resolution.
- (b) Orthoimagery: 4-band orthorectified mosaics covering each segment and 4-band orthorectified imagery of each point within the segment. Orthorectified imagery will be delivered in two formats:
  - (1) 16 bit GeoTiff format, and
  - (2) 8 bit JPEG 2000 compressed format.
- (c) Footprint Shapefile: State-based ESRI compatible polygon shapefile showing the individual image footprints for area segments and points coverage.
- (d) Metadata: FGDC compliant metadata file for unprocessed and orthorectified imagery.

### 3.0 TECHNICAL REQUIREMENTS

The specific technical requirements of this task order are as follows. Please reference the IDIQ Contract (USDA-NRCS-2-11) for other terms, conditions and technical requirements not addressed in this task order.

#### 3.1 Size of Hi-Res NRI Area Segments:

The nominal size of the area segments is approximately 160 acres (1/4 square mile). Most segments within this sample set are approximately 160 acres with the exception of one 62 acre and one 210 acre segment in Arizona, and three segments in Wyoming ranging from 646 to 692 acres. The individual point image shall cover a minimum footprint of 200 meter by 200 meter area centered on the centroid point.

#### 3.2 Project Flight Plan Description:

##### (a) Segment Flight Requirements:

- (1) Flight Orientation: North - South or East – West.
- (2) Flight altitudes will be as necessary to acquire 15 cm pixel (+/- 4%) imagery including the 400 meter buffer.
- (3) Buffer: A minimum buffer zone of 1,320 feet, (402 meters) or (1/4 mile) is required beyond the actual segment boundary.

##### (b) Point Flight Requirements:

- (1) Flight Orientation: North - South or East – West.
- (2) Flight altitudes will be as necessary to acquire 3 cm pixel (+/- 4%) imagery.
- (3) The image center point shall be within 10 meters of point centroid and shall be acquired with a single exposure.
- (4) Minimum image footprint is 200 meters by 200 meters

##### (c) Government Furnished Data:

- (1) Coverage Shapefile: The Government will provide shape files identifying the location and boundaries of the 55 individual area segments and the locations of the 110 individual points that are associated with this project. The Government will also provide ASCII comma delimited text (.txt) files containing lists and data for the segment and point centroids.
- (2) Metadata Template: The Contractor will be furnished upon award two (2) data text files (.txt) containing Federal Geographic Data Committee (FGDC) compliant metadata templates to be used when creating the unprocessed digital image files and orthorectified files as required in paragraph 3.5(e) and 3.6(f) respectfully.

#### 3.3 Approximate Photographic Periods:

##### (a) Photo Period:

The photo period for each of the 55 segments and 110 points will be indicated in the text file that will be provided upon award. The starting dates specified range from March 15 to July 1, 2011, and ending dates specified range from May 15 to August 15, 2011. However all March 15<sup>th</sup> start dates will be changed to the task order award dates which are estimated to occur in early May 2011 and end dates of May 15<sup>th</sup> will be extended accordingly. Please see Exhibit 3, NRI Hi-Res Project Data, for start and end dates by county.

- (b) Notification:
  - (1) The contractor shall provide notification to USDA two weeks prior to planned acquisition of the awarded sites to allow ground collection of data at the sites.
  - (2) The contractor shall provide notification to USDA of imagery acquisition for a state project upon complete acquisition of all imagery within that state.
- (c) Refer to the Contract, Section F-5, Performance of the Work.

### 3.4 Photographic Conditions:

- (a) Minimum Sun Angle: 50 degrees
- (b) Image Acquisition: Photography shall be undertaken when skies are **clear, free from smoke, clouds, cloud shadows, excessive haze**, and well-defined images can be resolved. The ground shall be free from snow, standing water (other than natural or man-made ponds and lakes), flood waters from streams which have overflowed their banks, and wet ground which obscures field, soil or crop lines.

### 3.5 Unprocessed Digital Image Files

Contractor shall provide single point georeferenced, radiometrically uncorrected digital image files at the resolution indicated herein. The images shall be submitted in the native camera footprint and shall be projected in the 1983 North American Datum (NAD83) and 1988 North American Vertical Datum (NAVD88), using the corresponding native Universal Transverse Mercator (UTM) zone. Non-frame based camera systems shall limit file sizes to no greater than 2GB per image and the actual footprint shape will be mutually agreed upon by the Government and the Contractor.

- (a) Ground Sample Distance (GSD): Area Segments will have 15 cm ( $\pm 4\%$ ) resolution; Points will have 3 cm ( $\pm 4\%$ ) resolution.
- (b) Image Quality. The Contractor shall not make any radiometric enhancements, such as stretching, dodging, or other Look Up Table (LUT) adjustments, to the acquired imagery.
- (c) File Format. The 4-band imagery shall be 16-bit per band in accordance with the Adobe TIFF and GeoTIFF Specifications and shall have the following band order: Red, Green, Blue, and Infrared. GeoTIFF files shall be saved such that the first pixel (0,0) is the northwest corner of the image. The image shall be saved so that the most northwest corner of the image is saved to the file as the top left pixel (i.e. north faces up on a computer screen). Files shall use the naming convention specified in Exhibit 2, File Naming Convention.
- (d) Media Requirements. All georeferenced imagery shall be delivered on external computer hard drives as defined in Section D-1(d)(1), Hard Drive Disks, stored in a single subdirectory under the root directory called "georeferenced". The Contractor shall not mix imagery or other files from multiple states on hard drives.
- (e) Metadata. The Contractor shall create Federal Geographic Data Committee (FGDC) compliant, per FGDC-STD-001-1998 specification, metadata file for each digital image file. Metadata must parse cleanly through the USGS metadata parser "mp" version 2.8.10 (or later version) without any errors.

### 3.6 Color-corrected, Orthorectified Mosaicked Image Files

The Contractor shall create color-corrected, orthorectified 16-bit mosaicked image files for the area segments, and color-corrected, 16-bit orthorectified image files for the points, using the imagery associated with the files created in Paragraph 3.5, Unprocessed Digital Image Files. The orthorectified mosaicked segment, covering the entire area segment including the 400 meter buffer, and the orthorectified point shall use the same projection system as the unprocessed digital image files.

- (a) Image Quality. The Contractor shall color-correct the mosaics and points so they radiometrically match the ground at the time of exposure including, but not limited to, any dodging, histogram stretching, brightness adjustments, and/or color balancing. The orthoimagery shall not contain any borders, artifacts, or other non-image items.
- (b) File Format. Orthorectified imagery will be delivered in two formats:
  - (1) 4-band, 16-bit per band, georeferenced tagged image file format (GeoTIFF) with the appropriate TIFF tag values, and
  - (2) 4-band, 8-bit JPEG 2000 compressed format with a 10:1 compression ratio.Files shall use the same file naming specified in Exhibit 2, File Naming Convention.
- (c) Raster Support File. The Contractor shall provide an AUX (ESRI compatible Auxiliary statistic/projection file) and a RRD (ESRI compatible Reduced Resolution Dataset pyramid file) for each image file. The auxiliary file shall contain the proper projection information for the file and shall match the information in the GeoTIFF header. The files shall use the same naming convention as the image files but with an “.aux” and “.rrd” extension respectively.
- (d) Horizontal Accuracy. All orthorectified digital image files shall have 95% of all well-defined points tested fall within two (2) meter of true ground location.
- (e) Media Requirements. All imagery shall be delivered on external computer hard drives as defined in Section D-1(d)(1), Hard Drive Disks, stored in a single subdirectory under the root directory called “ortho”. The Contractor shall not mix imagery or other files from multiple states on hard drives.
- (f) Metadata. The Contractor shall create a Federal Geographic Data Committee (FGDC) compliant, per FGDC-STD-001-1998 specification, metadata file for each digital image file. Metadata must parse cleanly through the USGS metadata parser “mp” version 2.8.10 (or later version) without any errors.

### 3.7 Footprint Shapefiles

The Contractor shall provide two polygon shapefile indexes, one for area segments and the other for points, for each awarded state. The index shall contain a polygon for actual exposure footprint for each digital image files created in Section 3.5, Unprocessed Digital Image Files. The coordinates shall be expressed in Decimal Degrees and formatted to the same datum and projection required for the GeoTIFF image files.

- (a) File Format. The footprint shapefile(s) shall be a ESRI® compatible shapefile format. The shapefile(s) shall include the following attributes:

<u>ATTRIBUTE DATA</u>	<u>COLUMN NAME</u>	<u>DATA TYPE</u>	<u>EXAMPLE</u>
Image file name	INAME	Char(24)	04005_102301R_0001_20110723.tif
Image acquisition date	IDATE	Char(10)	2011-07-23
Polygon start date/time <sup>1</sup>	SDATE	Char(16)	2011/07/23 13:52
Polygon end date/time <sup>1</sup>	EDATE	Char(16)	2011/07/23 13:53
Corrected center point latitude (DD.DDDDDD)	LAT	Double(19)	57.71936
Corrected center point longitude (-DDD.DDDDDD)	LON	Double(19) <sup>2</sup>	-135.41498
Flight altitude in meters at camera (MMMMM.MM; MSL)	FLTALT	Double(19) <sup>2</sup>	7048.63
Camera manufacturer	CAM_MAN	Char(50)	Leica Geosystems
Camera model	CAM_MOD	Char(25)	DMC
Aircraft type <sup>3</sup>	AC_TYPE	Char(50)	C441
Aircraft tail number	ACTAILNUM	Char(10)	N12345R

<sup>1</sup> Local 24-hour clock. The start/end time will be for the collection of the individual polygon (will be the same for frame-based systems)

<sup>2</sup> Double data type shall be length of 19 (18 precision, 11 scale)

<sup>3</sup> ICAO designator (i.e., use C441 for a Cessna 441 Conquest II)

- (b) Media. Complete copies of the footprint shapefiles shall be delivered on all hard drives delivered to the Government. The files shall be stored in a single subdirectory under the root directory called “index”.
- (c) Metadata. The Contractor shall create FGDC compliant, per the FGDC-STD-001-1998 specification, metadata file for each footprint shapefile. Metadata must parse cleanly through the USGS metadata parser “mp” version 2.8.10 (or later version) without any errors. No metadata template will be provided.

### 3.8 Direct Digital Sensor:

The direct digital imagery acquisition requirements will be for the collection of visible (Red, Green, Blue) and color near infrared (IR) imagery. The digital sensor system shall be a tested, stable, geometrically calibrated system with appropriate documentation, suitable for use in precision photogrammetric orthoimagery applications.

- (a) Digital sensor acquisitions require the compliance with the technical requirements and specifications of this task order and Attachment B, General Direct Digital Camera Specification of the IDIQ contract, which defines the essential elements in securing high quality direct digital imagery.
- (b) The Contractor is required to provide a detailed technical description and sample image of the digital camera/sensor being proposed for use.
- (c) The digital sensor system shall have the appropriate image resolving power and field of view required to provide the required ground sample distance (GSD).

#### 4.0 DELIVERY SCHEDULE

##### 4.1 Original Materials - Delivery Schedule

All delivery materials required for all original aerial photography for a project shall be shipped as soon as completed but not later than 60 calendar days after the photographic season has ended, or any season extension thereof. Prompt delivery of all materials will better assure the timely inspection and prompt payment for accepted materials.

##### 4.2 Remake Materials - Delivery Schedule

All remake materials requested by USDA shall be shipped as soon as possible after correction is made, but no later than 15 days after receipt in the Contractor's facility of the materials or data required to make the corrections. Signed delivery receipts will be required to verify date of receipt of such data or materials by the Contractor.

#### 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 the Contract, Section G-6, Small Business Subcontracting Plan, FAR Clause 52.219-09.

##### 5.3 Task Order Ombudsman

The Director of USDA-FSA-Aerial Photography Field Office shall serve as the Task Order Ombudsman and is 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. The Task Order Ombudsman may be contacted at telephone (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.

#### 5.5 Non-Discrimination Statement

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its program and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of Discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

#### 5.6 Confidentiality Statement

Site locations of the National Resources Inventory (NRI) are "For Official Use Only" and shall remain confidential. Site locations, represented in either hardcopy or digital form, are available exclusively for use by government authorized personnel conducting resource inventory activities or other authorized use.

Before release of exact site locations, contractor primes and subcontractors must have agreed to, and have on file, a signed non-disclosure statement. (See Exhibit 9 of the IDIQ Contract, Required Documentation and refer to the Contract Section C-1.1(d) Confidentiality Agreement)

**LIST OF EXHIBITS AND ATTACHMENTS**

<b>EXHIBIT</b>	<b>DESCRIPTION</b>	<b>PAGE</b>
Exhibit 1	2011 NRI Locations (1 page)	10
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EXHIBIT 1

2011 NRI Locations

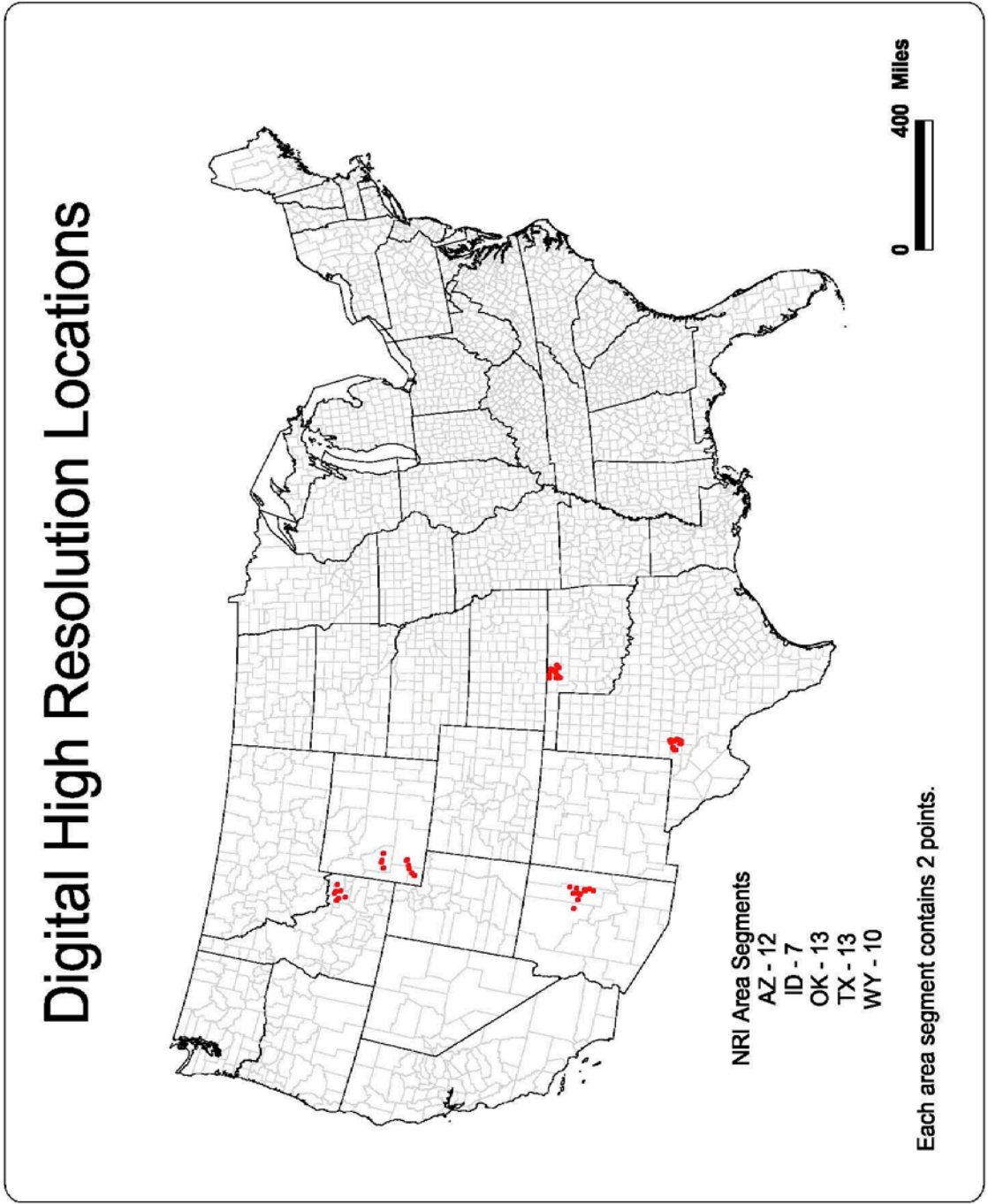
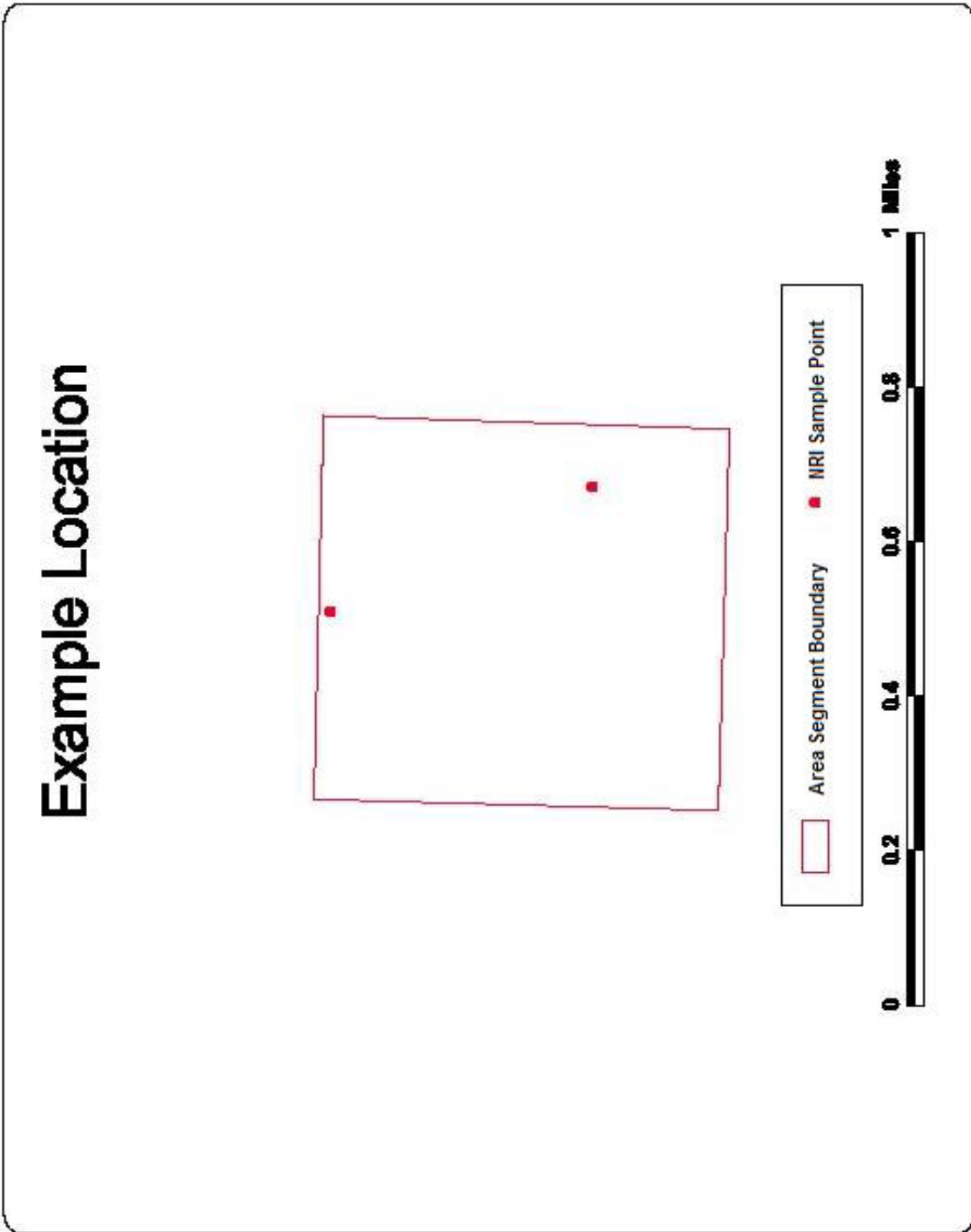


EXHIBIT 2  
NRI SITE EXAMPLE



USDA Natural Resources Conservation Service

NDGC Fort Worth, Texas, December 2010

EXHIBIT 3NRI HI-RES PROJECT DATA

State	County	Fips Code	Segment Count	Point Count	Minimum Elevation In feet	Maximum Elevation In feet	Season Start Date	Season End Date
Arizona	Coconino	04005	1	2	5524	5524	03-15-11	05-15-11
Arizona	Navajo	04017	11	22	4999	5997	03-15-11	05-15-11
Idaho	Clark	16033	3	6	5161	5445	03-15-11	06-15-11
Idaho	Fremont	16043	2	4	5180	5725	06-15-11	07-31-11
Idaho	Jefferson	16051	2	4	4800	4833	06-15-11	07-31-11
Oklahoma	Woods	40151	10	20	1394	1860	07-01-11	08-15-11
Oklahoma	Woodward	40153	3	6	1873	1994	07-01-11	08-15-11
Texas	Ector	48135	5	10	2880	3176	03-15-11	07-01-11
Texas	Martin	48317	1	2	2851	2851	07-01-11	08-15-11
Texas	Midland	48329	7	14	2799	2900	07-01-11	08-15-11
Wyoming	Sublette	56035	4	8	6880	7797	06-15-11	08-15-11
Wyoming	Sweetwater	56037	3	6	6289	6426	06-15-11	08-15-11
Wyoming	Uinta	56041	3	6	6383	7400	06-15-11	08-15-11
		<b>Totals:</b>	<b>55</b>	<b>110</b>				

## EXHIBIT 4

### FILE NAMING CONVENTION

#### **Unprocessed Digital Image Files:**

File Name: <project ID code>\_<exposure>\_<yyyymmdd>.tif

<project ID code> - project ID code assigned to each segment and point centroid  
<exposure> - consecutively numbered value (4 characters padded with leading zeros)  
<yyyymmdd> - image exposure date

Segment Example: 04005\_102301R\_0001\_20110627.tif

Point Example: 04005\_102301R1\_0001\_20110627.tif

#### **Color-corrected, Orthorectified Mosaicked Image Files:**

File Name: <project ID code>\_<yyyymmdd>\_ortho.<ext>

<project ID code> - project ID code assigned to each segment and point centroid  
<yyyymmdd> - majority image exposure date  
<ext> - file extension

Segment Example: 04005\_102301R\_20110627\_ortho.tif

Point Example: 04005\_102301R1\_20110627\_ortho.tif

For 8-bit JPEG 2000 compressed format:

Segment Example: 04005\_102301R\_20110627\_ortho.jp2

Point Example: 04005\_102301R1\_20110627\_ortho.jp2

#### **Segment and Point Image Footprint Shapefile:**

File Name: <project ID code>\_shapefile.<ext>

<project ID code> - project ID code assigned to each segment and point centroid  
<ext> - ESRI ArcGIS shapefile format (i.e., .dbf, .prj, .sbn, .sbx, .shp, and .shx)

EXHIBIT 5 – 2 Pages**REQUIRED DOCUMENTATION****1.0 AIRCRAFT TO BE USED IN COMPLETION OF ITEM(S) IN THIS ORDER**

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

<b>Aircraft Make/Model</b>	<b>Registration No. (Tail No.)</b>	<b>Operating Ceiling</b>	<b>Offeror Owned (check appropriate block)</b>
			<input type="checkbox"/> Yes <input type="checkbox"/> No *
			<input type="checkbox"/> Yes <input type="checkbox"/> No *

\* If the aircraft is/are not offeror owned, a written statement of availability from the owner of the aircraft must be enclosed.

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

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

<b>Certification Report Number</b>	<b>Camera Make/Model</b>	<b>Camera Serial Number</b>	<b>Offeror Owned (check appropriate block)</b>
			<input type="checkbox"/> Yes <input type="checkbox"/> No *
			<input type="checkbox"/> Yes <input type="checkbox"/> 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.

**3.0 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 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.

**4.0 KEY PERSONNEL INTENDED FOR PERFORMANCE ON THIS ORDER**

List all key professional and technical personnel intended to perform on this task order. 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.

<i>Indicate by Linear Miles</i>	<b>Remaining Work - Winter</b>	<b>Remaining Work – Summer</b>
U.S. Government Contracts		
All Other Contracts		