

State of Nebraska (State Purchasing Bureau)
REQUEST FOR INFORMATION

RETURN TO:
State Purchasing Bureau
1526 K Street, Suite 130
Lincoln, Nebraska 68508
Phone: 402-471-6500
Fax: 402-471-2089

SOLICITATION NUMBER	RELEASE DATE
RFI OCIO112415	November 24, 2015
OPENING DATE AND TIME	PROCUREMENT CONTACT
December 22, 2015 2:00 p.m. Central Time	Nancy Storant

This form is part of the specification package and must be signed in ink and returned, along with information documents, by the opening date and time specified.

PLEASE READ CAREFULLY!

SCOPE OF SERVICE

The State of Nebraska, Administrative Services, Materiel Division, State Purchasing Bureau, is issuing this Request for Information for the purpose of gathering information to support business plan development for Imagery Data Acquisition and Imagery Mapping/Hosting Services.

Written questions are due no later than November 7, 2015 and should be submitted via e-mail to as.materielpurchasing@nebraska.gov Written questions may also be sent by facsimile to (402) 471-2089.

Bidder should submit one (1) original of the entire RFI response. RFI responses must be submitted by the RFI due date and time.

RFI RESPONSE MUST MEET THE FOLLOWING REQUIREMENTS TO BE CONSIDERED VALID. RFI RESPONSE WILL BE REJECTED IF NOT IN COMPLIANCE WITH THESE REQUIREMENTS.

1. Sealed RFI responses must be received in State Purchasing Bureau by the date and time of RFI opening indicated above. No late information will be accepted.
2. RFI response must meet all specifications of the RFI.
3. This form "REQUEST FOR INFORMATION" MUST be manually signed, in ink, and returned by the information opening date and time along with bidder's response and any other requirements as specified in the RFI.
4. It is understood by the parties that in the State of Nebraska's opinion, any limitation on the contractor's liability is unconstitutional under the Nebraska State Constitution, Article XIII, Section 3, and that any limitation of liability shall not be binding on the State of Nebraska despite inclusion of such language in documents supplied with the contractor's bid or in the final contract.

BIDDER MUST COMPLETE THE FOLLOWING

By signing this Request For Information form, the bidder guarantees compliance with the provisions stated in this Request for Information.

FIRM: _____

COMPLETE ADDRESS: _____

TELEPHONE NUMBER: _____ FAX NUMBER: _____

SIGNATURE: _____ DATE: _____

TYPED NAME & TITLE OF SIGNER: _____

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I. SCOPE OF THE REQUEST FOR INFORMATION

The State of Nebraska, Administrative Services (AS), Materiel Division, State Purchasing Bureau (hereafter known as State Purchasing Bureau), is issuing this Request for Information, RFI OCIO112415 for the purpose of gathering information to support business plan development for Imagery Data Acquisition and Imagery Mapping/Hosting Services. This involves: a) primary and add-on imagery data acquisition and supporting hosting services to maintain this data and related map services, b) identifying organizations capable of providing imagery acquisition and hosting services to support this effort.

ALL INFORMATION PERTINENT TO THIS REQUEST FOR INFORMATION CAN BE FOUND ON THE INTERNET AT: <http://das.nebraska.gov/materiel/purchasing.html>

A. SCHEDULE OF EVENTS

The State expects to adhere to the tentative procurement schedule shown below. It should be noted, however, that some dates are approximate and subject to change.

	ACTIVITY	DATE/TIME
1	Release Request for Information	November 24, 2015
2	Last day to submit written questions	December 7, 2015
3	State responds to written questions through Request for Information "Addendum" and/or "Amendment" to be posted to the internet at: http://das.nebraska.gov/materiel/purchasing.html	December 11, 2015
4	RFI opening Location: State Purchasing Bureau 1526 K Street, Suite 130 Lincoln, NE 68508	December 22, 2015 2:00 PM Central Time

II. RFI RESPONSE PROCEDURES

A. OFFICE AND CONTACT PERSON

Responsibilities related to this Request for Information reside with the State Purchasing Bureau. The point of contact for the procurement is as follows:

Name: Nancy Storant
Agency: State Purchasing Bureau
Address: 1526 K Street, Suite 130
Lincoln, NE 68508
Telephone: 402-471-6500
Facsimile: 402-471-2089
E-Mail: as.materielpurchasing@nebraska.gov

B. GENERAL INFORMATION

A subsequent Request for Proposal (RFP) may not be issued as a result of this RFI. There will not be a contract as a result of this RFI and the State is not liable for any cost incurred by vendors in replying to this RFI. If an RFP is issued, the information provided will assist the State of Nebraska in developing the Request for Proposal. This RFI does not obligate the State to reply to the RFI responses, to issue an RFP, or to include any RFI provisions or responses provided by vendors in any RFP.

C. COMMUNICATION WITH STATE STAFF

From the date the Request for Information is issued and until RFI opening (as shown in the Schedule of Events), contact regarding this RFI between potential vendors and individuals employed by the State is restricted to written communication with the staff designated above as the point of contact for this Request for Information.

The following exceptions to these restrictions are permitted:

1. Written communication with the person(s) designated as the point(s) of contact for this Request for Information;
2. contacts made pursuant to any pre-existing contracts or obligations; and
3. State-requested presentations, key personnel interviews, clarification sessions, or discussions.

Violations of these conditions may be considered sufficient cause to reject a vendor's response to the RFI. No individual member of the State, employee of the State, or member of the Interview Committee is empowered to make binding statements regarding this RFI. The State of Nebraska will issue any clarifications or opinions regarding this RFI in writing.

D. WRITTEN QUESTIONS AND ANSWERS

Any explanation desired by a vendor regarding the meaning or interpretation of any Request for Information provision must be submitted in writing to the State Purchasing Bureau and clearly marked "RFI OCIO112415 Imagery Data Acquisition; Questions". It is preferred that questions be sent via e-mail to as.materielpurchasing@nebraska.gov. Questions may also be sent by facsimile to 402-471-2089, but must include a cover sheet clearly indicating that the transmission is to the attention of Nancy Storant, showing the total number of pages transmitted, and clearly marked "RFI OCIO 112415 Imagery Data Acquisition; Questions".

It is recommended that Bidders submit questions sequentially numbered, include the RFP reference and page number using the following format.

<u>Question Number</u>	<u>RFP Section Reference</u>	<u>RFP Page Number</u>	<u>Question</u>

Written answers will be provided through an addendum to be posted on the Internet at <http://das.nebraska.gov/materiel/purchasing.html> on or before the date shown in the Schedule of Events.

E. SUBMISSION OF RESPONSE

The following describes the requirements related to the RFI submission, handling and review by the State.

To facilitate the response review process, one (1) original of the entire RFI response should be submitted. RFI responses must be submitted by the RFI due date and time.

A separate sheet must be provided that clearly states which sections have been submitted as proprietary or have copyrighted materials. RFI responses should reference the request for information number and be sent to the specified address. Please note that the address label should appear as specified on the face of each container. Rejected late responses will be returned to the bidder unopened, if requested, at vendor's expense. If a recipient phone number is required for delivery purposes, 402-471-6500 should be used. The Request for Information number must be included in all correspondence.

F. PROPRIETARY INFORMATION

Data contained in the response and all documentation provided therein, become the property of the State of Nebraska and the data become public information upon opening the response. If the vendor wishes to have any information withheld from the public, such information must fall within the definition of proprietary information contained within Nebraska's public record statutes. All proprietary information the vendor wishes the state to withhold must be submitted in a sealed package, which is separate from the remainder of the response. The separate package must be clearly marked PROPRIETARY on the outside of the package. Vendor may not mark their entire Request for Information as proprietary. Failure of the vendor to follow the instructions for submitting proprietary and copyrighted information may result in the information being viewed by other vendors and the public. Proprietary information is defined as trade secrets, academic and scientific research work which is in progress and unpublished, and other information which if released would give advantage to business competitors and serve no public purpose (see Neb. Rev. Stat. §84-712.05(3)). In accordance with Attorney General Opinions 92068 and 97033, vendors submitting information as proprietary may be required to prove specific, named competitor(s) who would be advantaged by release of the information and the specific advantage the competitor(s) would receive. Although every effort will be made to withhold information that is properly submitted as proprietary and meets the State's definition of proprietary information, the State is under no obligation to maintain the confidentiality of proprietary information and accepts no liability for the release of such information.

G. REQUEST FOR INFORMATION OPENING

The sealed responses will be publicly opened and the responding entities announced on the date, time, and location shown in the Schedule of Events. Responses will be available for viewing by those present after the opening. Vendors may also contact the state to schedule an appointment for viewing RFI responses.

H. LATE REQUEST FOR INFORMATION RESPONSES

RFI responses received after the time and date of the RFI opening will be considered late responses. Rejected late responses will be returned to the bidder unopened, if requested, at bidder's expense. The State is not responsible for responses that are late or lost due to mail service inadequacies, traffic, or any other reason(s).

III. PROJECT DESCRIPTION AND SCOPE OF WORK

The bidder should provide the following information in response to this Request for Information.

A. PURPOSE AND BACKGROUND

State, local and federal agencies and private groups in Nebraska have demonstrated a need for accurate and precise aerial imagery data and services to meet their varied business requirements for planning and management including but not limited to:

1. property assessment,
2. public safety,
3. emergency management,
4. E9-1-1 / NG9-1-1,
5. utilities,
6. natural resources,
7. infrastructure,
8. transportation,
9. environment,
10. agriculture, and
11. economic development.

The Nebraska Information Technology Commission (NITC) GIS Council is preparing a business plan for the acquisition, maintenance, and distribution of a current, high-quality, statewide imagery dataset for the Nebraska Statewide Imagery Program. The State of Nebraska, Office of the CIO (OCIO) who will be responsible for providing coordination and procurement functions for the Nebraska Statewide Imagery Program.

The State is requesting specific information that reflects current imagery acquisition technology and services currently being offered in industry. This includes, but is not limited to, information about equipment capabilities, data collection procedures and methodologies, data quality and controls, derivative products, and data hosting.

Digital color orthoimagery data acquisition, quality control processes, and data sharing requirements will need to meet the State's standards. The NITC Imagery Standards (NITC 3-204 Imagery Standards) are located at <http://nitc.ne.gov/standards/3-204.html>. Based on these standards, the state anticipates that the base product will be 30-cm (12-inch) pixel resolution orthoimagery statewide, plus ancillary data products. Additional considerations are being made for add-on or buy-up options for resolutions of 15-cm (6-inch) and 7.5-cm (3-inch) imagery for specific counties, municipalities, or project areas with varying size of coverage areas.

The geographic context of Nebraska occupies an area of approximately 77,353 square miles. In addition to this area, the entire perimeter of the State shall be buffered by at least 1,000 feet. The border with the State of South Dakota, Iowa, and Missouri along the Missouri River shall be buffered a minimum distance of 1,000 feet or to the opposite river bank, whichever distance is greater. In addition to these dimensions, data coverage shall extend to the geographic extents of a delivery tile grid, so that no "No-Data" areas exist in any source or final data product.

The long term goal is to acquire a seamless baseline of imagery for approximately one-third of the state per year in an ongoing rotation. Additional acquisition areas and buy-ups will be determined by negotiations among counties, municipalities, and certain project areas needing higher resolution imagery and other ancillary data products through out-of-cycle participation.

The larger municipalities would like to consider a two-year rotation than three years for the primary and add-on data acquisition products. Figure 1 provides an example scenario to consider in defining phased project areas for data acquisition. This scenario is only an example and is subject to change based on the final outcome of the business plan. There can be many different approaches and variations to where and when future imagery data can be collected. Some of the questions in the request for information is to seek input on criteria necessary for determination of these scenarios for collection of data.



Figure 1. Example flight acquisition areas by phase to be considered in a three year rotation.

Primary Data and Service Products

The following imagery data products are being considered in the State's planning.

Digital Color Orthoimagery 4-band (RGB+IR)

1. 30-cm (12-inch) pixel resolution, delivered in 5,000 x 5,000 foot grid tiles

Services

The State is interested in other services associated to data map viewers, data hosting, and other value-added services.

1. Data hosting for raw tiles, cached, and/or mosaic of imagery files.
2. Online image services map viewer for allowing visual quality control of the processed imagery before physical delivery of the final product.
3. Web map services such as OGC Web Map Service (WMS) for the imagery products captured in addition to other historical imagery products.

Add-on Data and Service Products

Digital Color Orthoimagery 4-band (RGB+IR)

1. 15-cm (6-inch) pixel resolution, delivered in 2,500 x 2,500 foot grid tiles
2. 7.5-cm (3-inch) pixel resolution, delivered in 1,250 x 1,250 foot grid tiles

Obliques

Many counties, municipalities, and projects are interested in oblique imagery. The State realizes that data products for oblique imagery data acquisition vary by Vendor. The State is interested in 2-way and 4-way obliques with various resolutions that you currently provide (i.e., 4, 6, 9, and 12 inch).

1. Oblique 2-Way
2. Oblique 4-Way

Services

The State is interested in services associated with the add-on data products that would include data map viewers, data hosting, and other value-added services.

1. Data hosting for raw tiles, cached, and/or mosaic of imagery files.
2. Online image services map viewer for allowing visual quality control of the processed imagery before physical delivery of the final product.
3. Web map services such as OGC Web Map Service (WMS) for the imagery products captured in addition to other historical imagery products.
4. Other new technology or value-added services for use with imagery-based products. Examples can include:
 - a. Enhanced Compression Wavelet (ECW) and Mr. SID formats
 - b. Elevation, height above ground surface, DEMs, and digital surface models
 - c. Planimetric capture and other analysis for feature extraction, impervious surfaces, land use / land cover, and other vegetative indices
 - d. Stereo imagery and 3-D data/models
 - e. Multi-, hyperspectral, and thermal imaging
 - f. Unmanned Aerial Systems (UAS) data capture

Other Considerations

The following considerations should be taken into account while responding to this request.

1. Some cities, counties or project areas may select to have their jurisdictions flown at a time that is out of a particular phase (e.g., not part of that year's project area).
2. The State requires only digital imagery sensors. The same family of sensors shall be used for each product set.
3. Tiles shall cover whole delivery areas (County, City/Town, project areas) with some overlap.
4. In the case where adjacent counties captured in the same year have different pixel resolutions, the highest resolution tile shall be delivered, and the Vendor shall not resample from a larger source pixel (lower resolution) size to a smaller pixel size (higher resolution). This will require the Vendor to process the higher resolution counties first.
5. Product deliverables will need to be provided as two (2) separate portable USB storage device hard drives with one delivered to the OCIO and the other delivered to the individual county, or city/town, or other buy-up delivery area depending on the final data delivery agreement.

6. Before orthoimagery production starts, a representative sample of urban, rural, agriculture, forest, and wetland area for each of the product deliverables shall be submitted by the Vendor to the State for review and approval of radiometric settings, including color balancing, overall tone, dodging, brightness and contrast. Image radiometry shall be agreed upon before deliveries commence. The Vendor shall be held accountable to match the approved image data.
7. The vendor shall post orthoimagery to a web-based service to be used by the State for quality control. The State will use this system for review and acceptance of imagery, before delivery of the imagery on disk drives. The system shall provide for a means for the State to create quality control call-outs.
8. The first county delivered (each year) shall be used as a pilot to verify processing, radiometry, quality control, naming and delivery.

B. INFORMATION REQUEST CRITERIA

The State has developed a set of minimum standards for imagery acquisition, quality control processes, and data sharing requirements. Please refer to these standards when providing sufficient information for the following requests for information and questions. The Imagery standards are located at <http://nitc.ne.gov/standards/3-204.html>.

1. Information about your Company and Services

- 1.1 Provide the following technical contact information about your organization. A technical contact is someone who the State can contact at a later date about technical questions related to the project requirements.
 - a. Vendor name
 - b. Technical Contact person
 - c. Technical Contact information (address, email, phone, fax, web site)
- 1.2 Size and Scope of Business
 - a. Please include number of service years in the photogrammetry industry, number of employees, breadth of product and services in relation to annual sales volume. If you include other subcontractors to do work on your behalf include the company names and same level of detail on breadth of product and services to annual sales volume that they contribute.
 - b. Total number of planes equipped with sensors designed for meeting project requirements.
- 1.3 Location of main business and satellite offices
- 1.4 Do you own and/or contract out for data hosting? Whether yes, no, or both, please describe the scope of services that you or other entity provides.

2. Data Acquisition, Quality Control, and Product Delivery

- 2.1 Describe your overall data collection and post-processing procedures.
 - a. Provide a description about the following equipment and other capabilities that you use to acquire digital orthoimagery data.

- i. Aircraft
 - ii. Sensors with calibration details
 - iii. GPS and ground control capabilities
 - b. Describe how you use ground control
 - i. How do you establish horizontal and vertical control?
 - ii. How will the imagery be referenced to the control?
 - iii. Describe any use of existing control using sensors, accuracy, collection techniques and processing.
 - c. What other options exist for deliveries in other projections / coordinate systems?
 - d. Poor weather or other events can prevent or slow the process of obtaining data acquisition to meet the State's standards. Based on past projects what actions have you done to work around these situations while meeting project requirements and timelines?
 - e. In cases where data does not meet the State's standards how do you handle re-flights?
 - f. Describe any proposed alternative technologies that you may consider (e.g. Satellite digital imagery, Unmanned Aerial System (UAS)). What are the anticipated risks and benefits associated to these alternative technologies?
- 2.2 Describe typical product delivery options that you provide for data deliverables?
- a. What would be an expected timeline in number of days/months per each phase in Figure 1. for the following objectives.
 - i. The flight and data acquisition.
 - ii. QA/QC of the data
 - iii. Develop of final deliverable to final delivery data
 - iv. Total time from beginning to end
 - b. Do you store all raw source, intermediate and final digital files for a period of time at your expense? If so, for how long?

3. **Estimated Costs**

- 3.1 What are the minimum and maximum costs associated to specific data product deliverables? Include estimated pricing per size of coverage area per square mile in Table 1. Consider both leaf-on and leaf-off conditions if they vary by price. If there are additional costs associated to areas other than those listed, you are encouraged to provide those estimated prices.

Table 1. Estimated Data cost per size of coverage area per square mile.

Data Deliverable	Description	Estimated Cost per Size of Coverage Area per Square Mile
1.	Digital color, 4-band (RGB+IR), 32-bit with 12-bit unsigned pixel depth per band) orthoimagery, at <u>30-cm (12-inch) pixel resolution, delivered in 5,000 x 5,000 foot grid tiles</u> (provided by the State), with no "No-Data" areas; delivered as complete county coverages; in untiled (striped), uncompressed GeoTIFF file format (without embedded pyramids); Nebraska State Plane zone: NAD83/2007HARN, US Survey Feet.	<p>30,000 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p> <p>10,000 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p> <p>400 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p>
2.	Digital color, 4-band (RGB+IR), 32-bit with 12-bit unsigned pixel depth per band) orthoimagery, at <u>15-cm (6-inch) pixel resolution, delivered in 2,500 x 2,500 foot grid tiles</u> , with no "No-Data" areas; delivered as complete county coverages; in untiled (striped), uncompressed GeoTIFF file format (without embedded pyramids); Nebraska State Plane zone: NAD83/2007HARN, US Survey Feet.	<p>30,000 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p> <p>10,000 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p> <p>400 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p>
3.	Digital color, 4-band (RGB+IR), 32-bit with 12-bit unsigned pixel depth per band) orthoimagery, at <u>7.5-cm (3-inch) pixel resolution, delivered in 1,250 x 1,250 foot grid tiles</u> , with no "No-Data" areas; delivered as a complete delivery area; in untiled (striped), uncompressed GeoTIFF file format (without embedded pyramids); Nebraska State Plane zone: NAD83/2007HARN, US Survey Feet.	<p>30,000 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p> <p>10,000 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p> <p>400 Square Miles \$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)</p>

4.	Obliques 2-Way	
	12 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	9 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	6 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	4 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	Other Resolutions, if not listed here	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
5.	Obliques 4-Way	
	12 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	9 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	6 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	4 inch GSD	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)
	Other Resolutions, if not listed here	\$ _____ / Sq. Mile (min) \$ _____ / Sq. Mile (max)

- 3.2 What factors do you consider that determine the overall data acquisition and quality control costs?
- 3.3 How do you handle costs associated to geodetic/survey control required for use in the project? In other words, where adequate control does not exist do you include these costs in the base price or is this a separate cost? If it is separate, please describe this and the estimated costs associated to developing control.
- 3.4 What are the approximate data processing costs for conducting QA/QC for items in the NITC 3-204 Imagery Standards.
- 3.5 What are the estimated costs associated to specific service deliverables? Include estimated pricing per size of coverage area per square mile in Table 2. If there are additional costs associated to areas other than those listed, you are encouraged to provide those estimated prices.
- 3.6 Do you provide a charge and/or have licensing constraints for specific APIs or viewer plugins to access and view your imagery products? For example, a

specific API used to rotate and view Oblique images, make measurements or allow users to conduct other geoprocessing aspects to the imagery data.

Table 2. Estimated Service costs (minimum and maximum) associated to data map viewers, data hosting, and other value-added services. Provide separate estimated costs for primary and add-on data and services if they differ.

Service Deliverable	Description	Estimated Cost
1.	Primary data hosting for raw tiles, cached, and/or mosaic of imagery files. Data hosting for other historical imagery data sets.	\$ _____ (min) \$ _____ (max) \$ _____ (min) \$ _____ (max)
2.	Online image services map viewer for allowing visual quality control of the processed imagery before physical delivery of the final product.	\$ _____ (min) \$ _____ (max)
3.	Web map services such as OGC Web Map Service (WMS) for the imagery products captured in addition to other historical imagery products. WMS service for acquired imagery WMS for other historical imagery data sets	\$ _____ (min) \$ _____ (max) \$ _____ (min) \$ _____ (max) \$ _____ (min) \$ _____ (max)

4.	<p>Other new technology or value-added services for use with imagery-based products.</p> <p>Examples can include:</p> <p>a. Enhanced Compression Wavelet (ECW) and Mr. SID format. Base pricing per one ECW and Mr. SID file per input file at 20:1 compression using a 5,000x5,000 foot tile.</p> <p>b. Elevation, height above ground surface, DEMs, and digital surface models</p> <p>c. Planimetric capture and other analysis for feature extraction, impervious surfaces, land use / land cover, and other vegetative indices</p> <p>d. Stereo imagery and 3-D data/models</p> <p>e. Multi-, hyperspectral, and thermal imaging</p> <p>f. Unmanned Aerial Systems (UAS) data capture</p>	<p>\$ _____ (min) \$ _____ (max)</p>
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4. Additional Requests for Information

- 4.1 Please provide three references of State government projects similar to the information being asked in this request.
- 4.2 Provide an example metadata (*.xml) file that you file along with the completion and deliver of a product dataset.
- 4.3 Please provide any additional comments and recommendations.

Form A

Vendor Contact Sheet

Request for Information Number OCIO Imagery

Form A should be completed and submitted with each response to this solicitation document. This is intended to provide the State with information on the vendor's name and address, and the specific persons who are responsible for preparation of the vendor's response.

Preparation of Response Contact Information	
Vendor Name:	
Vendor Address:	
Contact Person & Title:	
E-mail Address:	
Telephone Number (Office):	
Telephone Number (Cellular):	
Fax Number:	

Each vendor shall also designate a specific contact person who will be responsible for responding to the State if any clarifications of the vendor's response should become necessary. This will also be the person who the State contacts to set up a presentation/demonstration, if required.

Communication with the State Contact Information	
Vendor Name:	
Vendor Address:	
Contact Person & Title:	
E-mail Address:	
Telephone Number (Office):	
Telephone Number (Cellular):	
Fax Number:	