



CITY OF FARMINGTON

800 Municipal Drive
Farmington, NM 87401-2663
(505) 599-1373
Fax (505) 599-1377
<http://www.fmtn.org>

REQUEST FOR PROPOSALS
FOR
GLOBAL POSITIONING SYSTEM (GPS) FIELD INVENTORY FOR THE
FARMINGTON ELECTRIC UTILITY SYSTEM (FEUS)
RFP #14-100302

IMMEDIATE ATTENTION
ADDENDUM TWO

October 23, 2013

Notice to Offerors: The above referenced Request for Proposal (RFP) is hereby amended as follows:

The following questions or requests for clarification were received. Following each question or request for clarification is the response.

1. In order for us to submit a bid on this project do we need to complete a “vendor application for Registration” prior to submitting our bid? I understand that we need to return the “Acknowledgement of Receipt Form” prior to October 21st in order to receive addendums and be considered.

[It is not mandatory to be registered in order to submit a proposal.](#)

2. The RFP does not specify a “software” type for the database and “addendum one” leads me to understand that we would provide this software during the project. Most GIS databases use common commercial platforms like GE Smallworld, ESRI, or ArcGIS databases and have “licensed” users. How many licensed users would need access? Would most just need “View” access? How many would be licensed to make “database changes”?

[FEUS already has made use of an ESRI ELA. Our database structure is set to a SQL environment. We don't need software for that. We are looking for software for Photo viewing as stated on Page, 10, Item c.2. It states that all photographs, along with a Web Viewer Tool must be available for viewing at FEUS starting on the second day of the collection process.](#)

3. The RFP lists taking a lot of digital pictures of attributes. Pictures are typically fairly large with higher resolution (3 MB each). Doing the math on just the poles we would be looking at over a terabyte of pictures. Would these pictures be attached to the asset in the spatial database?

[Yes, all Pictures should be linked to the pertaining structure that was inventoried using the GPS and be available for viewing in both ESRI and using a Web Viewer tool.](#)

4. Page 10 states “All photographs, along with a “web Viewer Tool”, must be available for viewing at FEUS starting on the second day of the collection process.” Who’s responsibility is it to build the “Web Viewer Tool”? It will be difficult to download the pictures and spatially attach them to a GIS database on the day after they are taken.

PURCHASING

The Web Viewer tool is the responsibility of the Offeror. The photos need to be able to be viewed, preferably by querying by address, by FEUS staff that does not have access to Arcmap.

5. Page 14 and page 16 state "Horizontal Accuracy = Sub-foot". The Trimble GPS data collection units that we purchased earlier this year are survey grade devices with sub-meter accuracy. In order to get down to sub-foot accuracy, it will take significantly longer for additional satellite lock-in time which will drive the cost up significantly for very little gain in accuracy for the FEUS. Did you really want sub-foot accuracy or did you mean sub-meter accuracy as used by the US government?

FEUS is requiring sub-foot accuracy.

6. Page 15 states "Incremental data deliveries are to be furnished to FEUS by substation and shall be in FEUS's standard personal Geodatabase schema." We've experienced problems in the past with personal geodatabase and had to convert it to a file geodatabase. Can we get a copy of the standard personal geodatabase and standard schema for review?

FEUS can provide a standard schema upon request. Requests should be sent to Kristi Benson at kbenson@fmtn.org. This schema will be available on Monday, October 28, 2013. The PGDB will be given to the awarded Offeror. Also, a File Geo database will be acceptable in place of a Personal Geo database.

7. Page 15 states "Interface with Futura Software Systems". Will licenses for Futura be required to be supplied to FEUS or does FEUS already have this software and a partial database?

We already have and are using Futura. Which is nothing more than an extension onto Arcmap.

8. Page 16 states "The offeror shall provide persons with sufficient experience to conduct the training." How many people will need to be trained and how many classes are expected?

There will be approximately 6-8 people that will need initial training on the web-viewer tool and 3 people trained on loading new Photo's into the awarded Offeror's software for the "web-viewer" tool and being able to view the photo's in Arcmap.

9. the ability to view pictures next day after collection. Will alternate approaches and alternate bids be considered on this requirement?

Yes, alternate Bids and approaches will be considered.

10. Will all data collection be performed from the ground or will FEUS provide personnel with a bucket to obtain nameplate data pictures on transformers?

Data Collection will take place at ground level. All transformers are marked on the outside of the can with the company number which can be seen and photographed from the ground. Other devices such as; fuses, capacitors, etc., are marked on the pole and will also be inventoried from the ground.

11. What is FEUS common distribution voltage(s)?

13.8

12. Will padmounted transformers have exterior markings on secondary voltages or will FEUS provide personnel to access inside nameplate?

They are marked on the outside. Should for some reason any equipment need to be opened, FEUS will provide a qualified individual for that at our (FEUS) own cost.

13. How does FEUS wish to handle inaccessible consumer meters?

This will be determined on a case by case basis.

14. In addition to manholes and vaults, does FEUS have subsurface transformers and/or restricted access equipment in consumer buildings?

We do not have subsurface transformers or restricted access equipment. Though we may have a padmount transformer that has had a fence built around it.

15. Will access be required into confined space areas to inventory cable size, etc.?

Not necessary, we have no confined space areas.

16. Is a copy of the FEUS's PGDB schema available prior to submittal of this RFP?

See question #6 above.

17. Will FEUS provide personnel with access to records and field data to assist with the collection of the Feature and Attribute Data in Section 3.d?

FEUS will provide, within reason, records and field data to assist with collection of all Feature Attribute data.

18. The GPS configuration specification calls for a "sub-foot" horizontal accuracy and a "5 meter" vertical accuracy. The specification can easily be met by survey-grade GPS receivers, but may be more difficult using resource-grade receivers. Is it the City's desire for the successful offeror to use resource-grade or survey-grade GPS receivers?

FEUS has no preference as to which GPS receivers are used, so long as Sub-Foot Horizontal accuracy is maintained.

19. Will the collection software and equipment used for the project be purchased by the City?

The awarded Offeror will need to have their own equipment and collection software. FEUS does have their own equipment for future use of the upkeep of both Photos and new construction inventory.

20. The RFP mentions 137 miles of underground utilities. Does FEUS expect those utilities to be continuously located or is it sufficient to "connect the dots" between critical points. "Connecting the dots" will be sufficient in most case except where Cul-De-Sacs may reside. In which case a curved line may be drawn in versus a straight line. FEUS will make the call in such cases.

21. The RFP calls for a Web Viewer Tool. Is FEUS not using FuturaWebMap? If not, is the successful offeror responsible for development of the Web Viewer Tool mentioned in Section 3.c.2 of the RFP?

FEUS does not use FuturaWebMap. The Web Viewer tool is for those in the Utility that do not have access to Arcmap and want to view the Photographs taken of each structure, device, transformers, meters, etc.

22. Can FEUS provide a detailed list of assemblies used by FEUS prior to RFP deadline?

FEUS can provide a detailed list of assemblies upon request. Requests should be sent to Kristi Benson at kbenson@fmtn.org. This list will be available on Monday, October 28, 2013. However, we are in the middle of renaming our assemblies to an RUS nomenclature so the names of the assemblies will change. This needs to be kept in mind when looking over the assemblies.

23. This project is not a verification of existing data and spatially correcting the maps but a NEW GPS inventory to build an entirely new GIS for FEUS in Futura GIS?

FEUS does plan to use this data to build a new GIS for FEUS. We plan to replace the existing GIS by feeder, when we receive the completed Inventory of each Feeder. However, if an Offeror can show me that it would be more cost effective to verify and spatially correct existing data we are willing to look at that.

24. Can FEUS explain how FEUS determines Pole Ownership? OR provide a decision tree example?

For the most part, all of the poles that FEUS owns are stamped with our name on it. For those poles that aren't stamped (with either FEUS or local phone company), but have primary conductor on it, is assumed that FEUS owns the pole. For poles with only Secondary conductor (meaning no other types of services on the pole) without a stamp it is assumed that FEUS owns the poles.

25. Can FEUS provide an example database prior to the Bid due date?

See question #6 above.

26. Does FEUS expect Contractor to construct a Pole tag and apply that pole tag? If the tag is to be assembled in the field and applied how will the number be generated and what numbers will that generally be?

FEUS expects to use tags that have been pre-stamped with a unique number and/or letter combination to be placed on the pole at the time of inventory.

27. Is FEUS open to have contractor open UG dead Front equipment to determine service location?

FEUS will provide a qualified person to open any UG equipment necessary.

28. Is the purpose of the substantial picture request so that FEUS can QC the field work remotely?

That is not the only reason that FEUS is requesting pictures. We would like those people in our Organization without access to mapping to be able to see these photos for use in everyday working practices. Being able to query these photos by address would be a huge benefit to us.

29. DOES FEUS expect the contractor to hire regional help for the data collection on this project or use full time personnel?

FEUS will provide qualified personnel to open any UG equipment all other personnel will be the responsibility of the contractor to hire and manage.

30. Is FEUS open for alternative time frame?

Yes, we are open to alternative time frames.

31. Is FEUS open for alternative scopes of work?

Yes, we are open for alternative scopes of work, however, keep in mind that at the end of it all we need our system inventoried and to be spatially correct.

32. Is FEUS expecting and NESC violations to be determined in the field? If so would FEUS expect contractor to measure violations?

No, we are not expecting this. What I expect is to be notified if during the inventory the personnel find something broken to notify me as soon as they can. I do not expect you to measure or determine NESC violations.

33. How will landowners be notified that survey crews will be on their property. Is this the selected consultant's responsibility?

FEUS will notify landowners that Survey Crews will be on their property. We will send out flyers along with the monthly bills and also have a recording on our IVR.

34. May the selected consultant use ATV's?

The selected consultants may use ATV's with the following provisions; The selected consulting firm must have a training course and safety plan in place and the operator must have completed this training course, may not operate an ATV on private property unless prior permission is obtained from private property owner. (This will not be the responsibility of FEUS.) Selected consultants must also abide by all, local, state and federal rules and regulations.

35. Is it possible to get an empty copy of the data schema / PGBD we are expected to use?

See question #6 above.

36. For the deliverable can we provide a File Geodatabase instead of a personal geodatabase?

Yes, a File Geodatabase may be used instead of a Personal Geodatabase.

37. Is it possible to get a copy of all of the previous questions / answers from the other respondents?

This Addendum Two includes all questions and answers.

38. In the RFP it asks to provide training on GPS data collection. Please clarify if this is part of the scope of work. If so, would the selected consultant be purchasing the GPS units? Do you have a preference on brand and quantity?

Yes, it is part of the scope of work. The City will provide it's own GPS units. The City wants to know how the selected consultant collects the data and or Photos so that it can continue with accurate mapping and photographing once the Project is complete.

39. In portions of the RFP it asks to provide costs for data maintenance; however, I do not see this mentioned within the scope. Just to clarify, is data maintenance part of this scope and if so, for what duration?

The data maintenance would include the software package provided by the awarded Offeror for the Web Viewer Tool. Reference, Exhibit A, Cost of Proposal, Pricing Table No. 3.

40. When would you like the project completed?

The timeframe set for the project is 18 months. Reference Page 23, Item 18.a.

41. Costs aside, Does FEUS prefer that the selected consultant utilize a handheld GPS unit such as a GeoXH rather than a survey grade unit such as RTK unit?

FEUS has no preference in what type of GPS unit is to be used so long as the sub-foot accuracy is met and the selected consultant can provide the required documentation for post-processing.

42. Will there be any collection of linear features such as overhead or underground distribution lines? We to double check that we don't need to have the underground lines located and then shot ... etc.

FEUS expects that Overhead and Underground distribution lines will be drawn in on a point to point basis. Except in cases where Underground lines may lay in Cul-De-Sacs. In such cases the line should follow the curve of the Cul-De-Sac. In all cases conductor size will need to be correctly indicated.

43. Is there more information available on the needs\requirements for the interface with Futura (as mentioned in Item f.3 in the RFP)?

We need the data to be able to be read by ArcMap and we need it loaded into a database structure that will work with both Arcmap and Futura. I can supply them (and any that request it) an empty database structure of what we currently use.

If your request for proposal has already been submitted to this office, and this addendum will affect your proposal, please contact this office and we will return your proposal. Any proposals that have been received, and are not requested to be returned will remain in this office unopened until **November 5, 2013 at 2:00 p.m.**

Receipt of this addendum shall be noted on Page 4 in the Request for Proposal documents for the above referenced RFP.

/s/ Kristi Benson

Kristi Benson, CPPO, CPPB

Purchasing Supervisor

Phone: (505) 599-1368

Fax: (505) 599-1159

Email: kbenson@fmtn.org