



## Ogden City Corporation

### Request for Bid

#### Mapping City-Owned Light Poles, Streetlights, and Electrical Lines Services

#### Q & A

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1. What is the anticipated project budget amount for this project?

*\$400,000.00 was requested as a Capital Improvement Project. Under III. OUTLINE OF EXPECTATIONS AND QUALIFICATIONS\* - (F) – “This project is expected to be done in phases”. We estimated this project would take three years. The \$400,000.00 would be split in thirds. The first phase/year would focus on the central section of Ogden, the second phase/year would focus on the north end of Ogden, and the final phase/year would focus on the southern end of Ogden, as outlined in the RFB. Depending on the bids received, \$400,000.00 could be the right amount, or not enough.*

2. Is there an anticipate completion date for this project?

*No specific date. We anticipate this project will take three years to complete. Phase one/1 year – Phase two/2<sup>nd</sup> year – Phase three/3<sup>rd</sup> year. “This project is expected to be done in phases. Phase one will focus on central Ogden, Utah, 17th Street to 30th Street, east to west limits. Phase two will focus on the northern end of Ogden, Utah, 17th Street to northern limits and east to west limits. Phase three will focus on the southern end of Ogden, Utah, 30th Street to southern limits and east to west limits. It is anticipated that the contract term will cover all phases of the project”.*

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3. How many connections (customer meters) does the utility serve?

Most of our lights on light poles are not metered. We pay a flat rate on the light poles that are not metered.

4. Does Exhibit E (CITY BOUNDARY) identify the boundary of the Ogden Electric Network or does the City serve outside these limits or into rural areas that should be considered as part of the project boundary? If so what assumptions should be made as to the size of system owned outside of the boundary provided?

Exhibit E identifies Ogden City's boundaries. We do not have light poles outside of Ogden City's boundaries.

5. Are interconnects with Rocky Mountain Power clearly identified with RMP stickers? Are there detailed territory maps that can be used to help determine the connection locations?

In the past, Ogden City was given a list of all Ogden City owned light poles by Rocky Mountain Power. A lot of the information given was not specific. We have created our own records to help the winning bidder. I estimate most interconnects are labeled by Rocky Mountain Power.

6. Under scope item B.f, is it intended that every service address be identified and noted?

*B. Identify and map city-owned electrical wiring. F. Identify what the electrical line feeds.* – Most of the wiring that will be mapped feed light poles. A small amount of wiring will feed electrical outlets that are used for downtown Christmas lights and power to tie in automatic sprinklers to water trees in the downtown area. We are asking the winning bidder to identify the whether the electrical line feeds a light pole, several light poles, downtown electrical outlets used for Christmas lights or electrical used for downtown automatic sprinklers. We will

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have an employee available to help the winning bidder. We have employees that are somewhat knowledgeable of our electrical system.

7. Will a list of standard voltages be provided for the vendor to use in determining scope item B.b?

No. This process is new to us. We are hoping the winning bidder has equipment that can identify the voltage of each wire they connect to.

8. Is it intended that voltage be tested or measured on every line segment as part of this scope?

Yes.

9. It is stated that the vendor is to provide an interactive GIS map, but web services to edit live on a dashboard will be provided. Shall the vendor provide their own interactive GIS map for Ogden, while editing a feature service from the city? Please explain the expected GIS workflow.

We ask that the vendor provide their own interactive GIS map for Ogden. The main thing we are asking is the winning bidder coordinates with Ogden City's GIS department to make sure these are mapped properly.

10. Page 13 Bc – Is depth information available from record drawings or is the vendor responsible for invasive investigation to determine depth?

Our locating equipment does not have the ability to get the depth of the underground wiring. We have no records. This is why it was worded "*Depth of each electrical line (if possible)*". It was anticipated that the winning bidder might have equipment that can estimate the depth.

11. Approximately What percent of the system is underground on the primary?

It is assumed that by "primary", you mean a transmission line. To the best of our knowledge, we do not have any transmission lines.

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12. Approximately What percent of the system is underground on the secondary?

It is estimated that most of our light poles are fed by underground wiring.

13. Does Ogden want only point data delivered or a fully completed/connected GIS map?

Ogden City would like a fully completed/connected GIS map that can identify the items mentioned in *Exhibit A – Scope of Work*.

14. Please clarify if this mapping project includes both primary and secondary infrastructure?

It is assumed that by “primary”, you mean a transmission line. To the best of our knowledge, we do not have any transmission lines. We are asking the bidder to identify where we connect to Rocky Mountain Power’s source, map our electrical lines that are after Rocky Mountain Power’s connection source and map the light poles our wiring feeds. A small amount of wiring will feed electrical outlets that are used for downtown Christmas lights and power to tie in automatic sprinklers to water trees in the downtown area. We are asking the winning bidder to identify the whether the electrical line feeds a light pole, several light poles, downtown electrical outlets used for Christmas lights or electrical used for downtown automatic sprinklers.

15. Can we obtain the current mapping used for the electric system for reference. Paper images or current electronic data? If so, how can we request this?

Ogden City has an estimated number of 1,437 streetlights. A recent project that converted city lights to LED’s show 1,229 lights were replaced, but some city owned lights already had LED’s. Ogden City will offer all streetlight information to help the winning bidder identify each streetlight and map all streetlights correctly. All information we have will be offered to the winning bidder.

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16. Do you have an estimate of structures (poles/pull boxes)?

Ogden City has an estimated number of 1,437 streetlights. A recent project that converted city lights to LED's show 1,229 lights were replaced, but some city owned lights already had LED's. Pull boxes – Ogden City has information that will be offered to the winning bidder. As of now, we do not have an estimate of the number of pull boxes.

17. Page 14 Item c-2 – Is Ogden requesting the vendor provide deliverables in both CAD and GIS format or is this just a request if CAD drawings are used as part of the project that they be passed on to the client upon completion.

A GIS format is what we are requesting.

18. Section X on page 10 and 11 Is it acceptable to include standard Statement of Qualifications, Examples, Team, experience, and scope approach for Ogden's consideration of our response?

Yes, it is acceptable to submit all that you have asked as long as you submit all that is requested in section X. *BID SUBMITTALS*.

19. Are you looking to the vendor to provide maintenance and support to the interactive GIS map after the project phases are complete or will the map just be setup and handed off to the IT/GIS Department.

After all phases are complete, we would like the GIS map set up and handed off to our IT/GIS Department. The map given to us by the winning bidder will give us a starting point. In the future, as new light poles are added and new wiring installed, we would be able to add the new additions to the map.

20. Will the City either provide rough quantities of all scopes of work or revise the lump sum bid requirements of Exhibit C to unit pricing? Without known quantities it is not possible to provide accurate lump sum pricing for this scope of

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work. For example: 1,000 LF of overhead wiring and 500 pull boxes will have a significantly different cost to collect than 100,000 LF of overhead wiring and 5,000 pull boxes. Providing this information after the bids are submitted does not allow bidders to have a full understanding of the project scope.

Rough Quantities - Ogden City owned streetlights are spread throughout Ogden. Ogden City has an estimated number of 1,437 streetlights. A recent project that converted city lights to LED's show 1,229 lights were replaced, but some city owned lights already had LED's. We do not have an estimate amount on other items mentioned in Exhibit A.

21. Exhibit A Scope of Work Section D. Timeline, states 1 year per phase. How many phases are anticipated for this project and what are the individual phases?

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22. How many feet of electrical lines is there to be analyzed?

Ogden City has an estimated number of 1,437 streetlights. A recent project that converted city lights to LED's show 1,229 lights were replaced, but some city owned lights already had LED's. Ogden City will offer all streetlight information to help the winning bidder identify each streetlight and map all streetlights correctly. All information we have will be offered to the winning bidder.

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23. Is there any significant amount of electrical lines not associated with lighting?

We are asking the bidder to identify where we connect to Rocky Mountain Power's source, map our electrical lines that are after Rocky Mountain Power's connection source and map the light poles our wiring feeds. A small amount of wiring will feed electrical outlets that are used for downtown Christmas lights and power to tie in automatic sprinklers to water trees in the downtown area. We are asking the winning bidder to identify the whether the electrical line feeds a light pole, several light poles, downtown electrical outlets used for Christmas lights or electrical used for downtown automatic sprinklers.

24. What percentage of the work requires off-street or restricted access? (in an alley, around a building, or behind a locked gate)

An estimated 96% would be located near the city street frontages and under roads in Ogden City. It is highly unlikely that access to rear property would be necessary, but there is always a possibility.

25. Will the City accept a scanned copy of the Exhibit C Bid Form or would it be preferred to submit the original copy?

Please refer to section *X Bid Submittals*. An original copy and duplicate copy of the submittal will meet the requirements.

26. Does the City classify "Light Pole" and any utility pole with electric distribution conductor(s) attached, or only joint-use or stand along primary or secondary electrical distribution pole with a streetlight affixed?

Any utility pole, joint-use pole, or stand-alone pole that has a city owned streetlight on it.

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27. How many miles of electrical distribution network are encompassed in this project?

Ogden City owned streetlights are spread throughout Ogden. Ogden City has an estimated number of 1,437 streetlights. A recent project that converted city lights to LED's show 1,229 lights were replaced, but some city owned lights already had LED's. There is an estimated 316 lane miles of roads in Ogden City.

28. Does the City possess electric circuit maps for both aerial and underground distribution?

- o If so, in what format are the maps available (GIS, CAD, PDF, hardcopy)?

Ogden City will offer all streetlight information to help the winning bidder identify each streetlight and map all streetlights correctly. All information we have will be offered to the winning bidder. We have GIS maps of city owned streetlights. These GIS maps will be offered to the winning bidder.

29. Does the City know the location of each electrical padmount, and what is the quantity?

Ogden City has some information on locations, but nothing in detail. We will send employees out to help with all of the information we have. City Blue Stakers will be able to offer information and we have an employee that works with our electrical contractors that understands a little of our electrical system.

30. Is any of the City's electrical distribution network encompassed in this project within a gated community or inaccessible via vehicle?

An estimated 96% would be located near the city street frontages and under roads in Ogden City. It is highly unlikely that access to rear property would be necessary, but there is always a possibility. Gated communities are usually private.



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31. Does the City currently have a map (digital or hard copy) depicting pole locations labeled (or attributed) with Pole ID?

We have mapped our city owned lights with information given to us by Rocky Mountain Power and contractors that replaced our lights with LED lighting. We will offer GIS data to the winning bidder. We found that not all information is accurate. Light poles are mapped close to where we think they are, but Pole ID numbers might not match.

32. Does the City currently employ a GIS for their electric distribution network?

- If so, is a specific data model/schema employed?

Yes, Ogden City uses GIS. Please submit what you can offer and we will review.