

NOTE – City Light is required to include all questions received so there may seem to be duplication of topics/questions.

THE FOLLOWING QUESTIONS/ANSWERS PERTAIN TO THE RFQ AND SUBMITTAL REQUIREMENTS:

QUESTION

Do our references need to be non-Seattle City Light staff?

ANSWER

No

QUESTION

There is no description of what is required for the Mandatory References. Is request information limited to Name, Title, Organization name, phone and email?

ANSWER

Yes

QUESTION

Submittal Checklist on Page 18

8. Resumes of Key Personnel – Maximum of 5

Does the limit of 5 apply to each firm on the team, or maximum of 5 resumes for the entire team?

ANSWER

Provide a total of 5 resumes to include the Key Personnel on the project whether from the Prime or Subs.

QUESTION

Performance Schedule and Budget. Budget is estimated to be \$2.3M. Is this the estimate for both engineering and construction? Or is this construction only estimate?

ANSWER

The estimated \$2.3M is for this Scope of Work in the RFQ.

QUESTION

The requirement is that “all pages are to be numbered sequentially and closely follow the requested formats.” Some sections are pre-numbered such as City of Seattle Consultant questionnaire, consultant agreement, WMBE Inclusion Plan. Are these sections to be renumbered?

ANSWER

Add your own page numbers sequentially from beginning to end so if SCL has questions all pages will be numbered and easily referred to.

QUESTION

“The city has page limits specified in the Response Format section 8”. We have not found any such reference in section 8.” We have not found any such reference in section 8, Contract Modification. Do you mean Section 10. Response Materials and Submittal?

ANSWER

Yes

QUESTION

We have found no “overall” total page limitation, but only limitations on certain of the submittal information. Page lengths are only identified for:

Item 2. Letter of Interest

Item 4. Minimum Qualifications

Item 6. Proposal Response, and

Item 7. Mandatory References

Please verify that there are no page limits on the other submittal checklist items.

ANSWER

There are no other page limitations. The only other restriction is 5 resumes total.

QUESTION

How are we expected to fill out WMBE form when we do not have dollars amounts? And may we just fill out % overall goal, and do we need to do 5 goals for each WMBE sub?

ANSWER

Please refer to RFQ Section 2 for the estimated budget of this project. Read the WMBE Inclusion Plan instructions in their entirety and fill the form out completely as instructed.

THE FOLLOWING QUESTIONS/ANSWERS ARE RELATED TO THE PROJECT SCOPE/TIMELINE:

QUESTION

Section 2.1 Do you require SDOT (or Shoreline) S.I.P. base maps and files?

ANSWER

Yes, it will include all information that will support the design and construction.

QUESTION

Section 3.1

As written, the civil work is split in two parts that don't seem to make sense.

Section 3.1.3 has the civil design limited to pavement material and dimensions plus sidewalk replacement and repair.

Does the section 3.1.3 wording below refer to ADA ramp design & details? (Section 6.2 #5 sections a. & e. also seem to address ADA ramps). Perhaps scope wording may be combined to be more consistent? Curb ramp restoration layout (as required)

Curb ramp restoration details and sections (as required)

It seems that there should be only one scope section for the Civil Engineering Plans and Specifications (Scale 1"=20') vs. 3.1.3 page 7, and then again under Section 6.2 - #5. Page 9

ANSWER

Yes, "curb ramp" and "ADA ramp" are used interchangeably here. Distribution (3.1.3) and Streetlight (Section 6.2.5) are on separate P.O. and their design may not overlap (ie, in the same ductbank); therefore, it is stated in both sections. If design overlap, do not duplicate in streetlight plans. Distribution design shall cover streetlight whenever they overlap. Streetlight plans will cover areas not in the Distribution design.

QUESTION

Under Deliverables(s) – last bullet point on page 7 states:

SCL will develop the Specifications from 90% and the Consultant shall provide responses on the 100% Bid Specifications (due within weeks) – and Section 7.2 Bid & Construction Support (page 10) seems to imply SCL will develop the Contract Specifications needed by FAS to go out to bid for the contract, which seems to conflict with Task 3 Contract Drawings and Specifications section 3.1 Drawings and Specifications . Which states "Consultant shall prepare20 scale, project Specifications in American Public Works Association (APWA) format. In Section 6 on page 8 item 13. Prepare project Specifications (Master Specs, current edition)

On Page 3 "The successful candidate.....produce construction bid documents to advertise....."

Are you asking for the consultant to prepare the FAS project Specifications to allow City of Seattle to advertise for Contract, or will SCL develop the Specifications as stated above and the consultant(s) assist? It is not clear from the scope. Please confirm what is actually being requested.

ANSWER

The Consultant will be asked to provide engineering estimates, bid quantities and engineering specific documents ie construction standards, technical spec. for the project at 90% completion of design. SCL will provide specifications template for consultant to modify. Consultant will review at 100%.

REGARDING Section 6:

Section 6.1 on top of page 8

#6 and #7 vs. SCL Furnished Services:

#6. Prepare as-built drawings of existing electrical service.

7. Prepare as-built drawings for conduit and wire schedule.

SCL-Furnished Services, Information and Items

SCL will make available, at the Consultant's request and if it is available in the City' systems, the following:

1. Record drawings and As-builts of the project area
2. SCL Design Criteria & Standards
3. Assist consultant to perform existing electrical vault surveys.

QUESTION

On page 5 in SCL Furnished Services it states that SCL will provide as-builts. On page 8 points 6 and 7 state that the consultant will prepare as-builts for electrical service and conduit wire schedule. Please confirm the as-built submittals, process and requirements.

ANSWER

SCL will provide as built of the existing direct bury cable distribution system that are available in SCL's archives for the engineering consultant to use as reference during planning and design. The civil contractor typically will be required to prepare the final construction as built for SCL's future reference of the new underground distribution system. The engineering consultant may be asked to assist the civil contractor prepare and/or confirm SCL's asset and facility locations to be used in the construction as built.

QUESTION

#10. Perform lighting calculations, AGI32 point-by-point calculations to SDOT lighting standards for Arterials and submit to SDOT for review and comment.

The project appears to be exclusively in the City of Shoreline right-of-way. It seems that the required illuminance criteria should adhere to City of Shoreline standards (i.e. Appendix J – Street Lighting Criteria of the City of Shoreline EDM) and SCL and City of Shoreline would be the reviewing agencies. Please clarify.

ANSWER

There will be some civil construction that will take place just south of 145th within the city of Seattle city limits, so yes, SDOT will be involved in street lighting calculations review.

QUESTION

#12. Prepare Site Plans, One Line Diagram, and Pole Layout Plan as separate sheets of the Feeder Replacement project plan set.

The “Feeder Replacement project” is not mentioned anywhere else in the RFQ. Please clarify this reference.

ANSWER

The 5th Ave and Meridian projects are both “Feeder Replacement” projects. SCL is replacing the existing direct bury distribution system in these areas with updated conduit and duct bank distribution infrastructure. Upon the new system infrastructure’s completion and SCL’s acceptance of the new system, SCL crews will pull in new feeder cable into the new vaults and conduits.

QUESTION

#14. Prepare all required NREC forms and calculations.

Please clarify the “NREC” reference.

ANSWER

That is a typo. NERC: North American Electric Reliability Corporation

QUESTION

#16 says only want Engineer’s estimate for 60%, 90% and 100% - however on page 5 Milestone Deliverables: you ask for Engineers estimates for 30%, 60%, 90% and 100% submittals. Please confirm the Street Light folks don’t want a 30% Engineer’s estimate in Section 6 scope?

ANSWER

Engineer’s estimates at 60%, 90% and 100% will suffice for both distribution and street lighting.

QUESTION

#18. Provide sealed permit submittal (hard copies) drawings/specs. What is “sealed” – do you mean PE stamped?

ANSWER

Yes

QUESTION

#21. Prepare design of the entire project as one phase. – Please explain intent here, do you expect a single bid package for both alignments? General Notes. Please explain your expectation of complete drawing sets – one for UGE replacement of direct Buried cables (PE stamped) and a second complete drawing set (PE stamped) for Section 6 – Street Lights

ANSWER

The 5th Ave NE and the Meridian Ave cable replacement projects are two separate civil projects that will each consist of constructing new underground distribution and underground street lighting civil infrastructure. SCL will require the engineering consultant to create separate sets of design plans for each project. Each set of design plans will include the underground distribution and underground street lighting civil infrastructure design as well as any applicable information in the plan sets so a civil contractor can competently construct these projects.

QUESTION

#23. Provide Street Light construction support services as defined in the RFQ (Section 7.3?) as follows:

d. Perform substantial completion inspection and prepare punch lists. (would a consultant typically do this?) Please clarify.

e. Perform final inspection to verify that punch list items are corrected. (would a consultant typically do this?) Please clarify.

Seems like consultant may support the SCL Contract Field Inspector/Engineer -on site on these items vs. actually being contracted to do them. Please clarify?

ANSWER

The final system inspections for distribution and street lighting are typically done by SCL inspectors with assistance from the civil contractor and their subcontractors. The engineering consultant is usually not a part of SCL's final inspection process. Of course, there may be instances when the engineering consultant may be asked to render a clarification of the approved plans during the final inspection process.

QUESTION

f. #23 Participate in project Commissioning inspection.

Seems like consultant may support the SCL Contract Field Inspector/Engineer -on site on this item. Please clarify.

ANSWER

The final system inspections for distribution and street lighting are typically done by SCL inspectors with assistance from the civil contractor and their subcontractors. The engineering consultant is usually not a part of SCL's final inspection process. Of course, there may be instances when the engineering consultant may be asked to render a clarification of the approved plans during the final inspection process.

QUESTION

Section 6.2 on page 9 Section 5 g. Traffic Control Sheets – please confirm if this refers to Traffic Control plans for the contract or specific design of Traffic Control conduits, handholes and related traffic control equipment.

ANSWER

This refers to the design of any applicable traffic control assets and/or facilities that will need to be constructed or installed as a part of the future civil work. The civil contractor will be responsible for providing traffic control plans for the civil contract.

#6, a, makes reference to SDOT review. It seems like this would be City of Shoreline DPW rather than SDOT.

QUESTION

Does SCL intend to issue the streetlight system design as a separate Construction Bid package?

ANSWER

- 1) Everything between the main duct bank and the street light distribution handhole would be in the "distribution" scope of work. Everything (conduits, foundations poles, wiring and fixtures) "downstream" of the street light distribution handholes would be "street light" scope of work and funded by Street Light Engineering.
- 2) As far as soft costs, I propose Street Light Engineering pay a percentage of the total construction soft costs as a percentage (see below) of the overall construction costs. This is how I pay for my soft cost expenses for street light construction as part of SDOT Capital projects.
- 3) $\text{Street Light Costs} / \text{Total Contract Value} = \%$
 $\text{Total Project Soft Costs} \times \% = \text{Street Light Engineering's share of Total Project Soft Costs}$.
- 4) This will require separate street light drawings and specifications in the contract documents and street light specific lines item in the bid documents.

QUESTION

The project title references "...5th and Meridian Ave NE and Meridian Ave. N."- Should it read, "5th Ave NE and Meridian Ave N"?

ANSWER

5th Ave NE and Meridian Ave N

QUESTION

Is the work to be designed under one or two engineering contracts, one for 5th Ave NE and a second for Meridian Ave. N?

ANSWER

One. Both will be designed under this contract. They will be separate construction bid package. All Street Light engineering costs should be broken out/itemized.

QUESTION

Task 1 – Administration

Section: 1.2 Project meetings – Meeting Types:

4. Could you please indicate the number and approximate Consultant hours for the

A: Peer Review Workshop

B: Community Meeting, anticipated number of events, schedule (workday vs. weekday evening vs. weekend)

ANSWER

This is unknown and would be as needed.

QUESTION

Section: 2.1 Data/Mapping Collection

5. Under the section discussing Coordination with One Call locate service, there is a requirement for thrust block locating and potholing by the engineer. Is it envisioned that the engineer would hire just vacuum truck potholing, or would the engineer also hire a locate crew (not Dial Dig) for preparation of basemaps?

ANSWER

Both. Potholing to design around critical path such as thrust blocks as it requires 10' radius clearance. If in doubt, pump it out.

QUESTION

For such potholing, will it be the Engineer or the potholing contractor to get SDOT permits for potholing and temporary patching?

ANSWER

Consultant or their sub.

QUESTION

Under Electrical Field investigation – SCL is to provide line staff to open & drain vaults. Will SCL coordinate crew availability and access (i.e. no-parking signs to prevent vehicles parking on top of vaults)?

ANSWER

Yes

QUESTION In section 3.1.3 Half-tone image of base mapping is required. Half-tone images are not supported by AutoCAD. AutoCAD line weight & color can be used with the SCL standard plotting DST file.

ANSWER

Noted.

QUESTION

Section: 6. Street Lighting Design SOW

Section: 6.1 Street Light Design

There is a requirement to prepare as-built drawings of existing “electrical service” – Please clarify the level of verification and if SCL crew will “ring” out service conductors while investigating vaults to verify addresses of electrical service conductors in vaults?

ANSWER

SCL will typically support the planning and design phase of the project by providing an underground crew to assist with any required vault surveys. To be as efficient as possible with the SCL URD crew's time, SCL would prefer to only perform one vault survey per project. A detailed “1-line” drawing should suffice as long as vault/handhold numbers and approximate locations are maintained

QUESTION

Prepare as-built drawings for conduit and wire schedule – Please clarify the level of verification. Is this just “butterfly drawings” or is more detailed information required or are you looking for size & feet of conduit and size and feet of existing conductors?

ANSWER

SCL would prefer that all of the as builts for these projects are as detailed as possible. A detailed “1-line” drawing should suffice as long as wire size and approximate routing are shown.

QUESTION

AGI32 point-by-point calculations – Will SCL provide workstation work-station access in SCL facilities to the software? If not, can the software be either an hourly charge, reimbursable, or general project overhead charge?

ANSWER

The SCL “hotel” workstation will be made available at no cost. It is assumed the consultant will be versed in operation of the software as no training by SCL employees will be provided.

QUESTION

Please clarify the discussion on “non-SCL Standard fixtures?” Is it required to upgrade non-standard features to current SCL standards? Is it required for the Engineer to coordinate with “others” so that not use standard materials can be used in this assignment?

ANSWER

These projects will only be using SCL Standard Fixtures that SCL currently stocks in its warehouse. There will be no Non-Standard Fixtures used on these projects.

QUESTION

Please clarify the requirement on “Lighting control schedule and/or control diagrams?” Will this be an upgrade to existing lighting system?

ANSWER

The street lighting design will be for the civil infrastructure only. The requirement for Lighting control schedule and/or control diagrams is N/A for both of these projects

QUESTION

Section: 6.2 Street Lighting Task: Civil Engineering

Is the Street Lighting to be a separate Construction bid package?

ANSWER

No. Street lighting and the distribution system will be in the same construction bid package

QUESTION

Will the Street Lighting design have a separate set of review meetings and review schedule?

ANSWER

No. Plan review for street lighting can happen at the same time as the review for the distribution design

QUESTION

The Consultant will prepare UMP applications for Street Lighting. Will this be a separate permit from the other undergrounding design?

ANSWER

No. The street lighting will be covered under the same UMP application

QUESTION

The Consultant/Engineer is to provide project closeout support in item "8." Such as as-built drawings. This requirement conflicts with the requirement in Section 7.3, which explicitly excludes the Consultant from...." Record drawings (SCL to revise CAD drawing per contractor's red line as-built drawings." Please clarify this conflict.

ANSWER

Please disregard item "item 8" and comply with Section 7.3