



RESOLUTION NO. _____

BOARD LETTER APPROVAL

Mona Guirguis

MONA T. GUIRGUIS
Interim Chief Information Technology Officer

J. Quiñones

JANISSE QUIÑONES
Chief Executive Officer and Chief Engineer

DATE: August 9, 2024

SUBJECT: Agreement No. 47820 for Geographic Information System Maintenance and Support with POWER Engineers, Inc.

SUMMARY

The proposed Agreement No. 47820 (Agreement) with POWER Engineers, Inc. (PEI) will provide software support for custom applications and application backend support for Power System's Geographic Information System (GIS) environment, applications, and workflows critical for Power System's business operations. PEI will also provide knowledge transfer and guidance for a term of one year and a not-to-exceed amount of \$2,000,000 (budgeted). The Agreement is a result of Request for Single Source Proposal No. 90754.

LADWP's GIS program includes custom applications that are supported by PEI technical support teams as well as backend support including, but not limited to, the following applications:

- Pole Data Application for pole spotters.
- Pole Data Sync for pole data administrators.
- Cityworks (Office Task Management) for pole spotters and street light engineers.
- Operating Number Application for engineers and drafting.
- Redline Web for drafting.
- PowerGIS Map/Map Gallery for Power System.
- Power Integrator for inspections, pole work request creation, redline and inspection photo archiving, and Work Management Information System integration.

LADWP requires this Agreement so that PEI may transfer the knowledge it has obtained in developing and implementing the current system to LADWP's Information Technology

Services (ITS), and so that the GIS environment will have the necessary professional support until the knowledge transfer is complete. This Agreement and the training PEI will provide to ITS is required until LADWP can complete a new Request for Proposal (RFP). The RFP is to contract for services needed to support new integrations between GIS and other systems, the addition of data from other divisions, and creation of new applications based on LADWP's GIS roadmap. Until that time, LADWP still requires these systems to have technical support and maintenance. PEI has supported these systems in the past and understands the complexity of LADWP's electrical system and work practices needed to continue providing this support until the RFP process is completed.

This Agreement meets the requirements for an exception to the competitive bidding requirements set forth in Los Angeles City Charter, Section 371(e)(2), "Contracts, as determined by the contracting authority, for the performance of professional, scientific, expert, technical, or other special services of a temporary and occasional character for which the contracting authority finds that competitive bidding is not practicable or advantageous." As noted above, this contract is of a temporary nature, and is needed for one year until knowledge transfer to ITS can be completed, and so PEI can take over all maintenance and support activities for the GIS environment. Additionally, because many of the applications included in the GIS environment were developed and have been maintained in the past by PEI, they have special technical qualifications needed to continue to support these systems and to provide the necessary training to ITS.

City Council approval is not required.

RECOMMENDATION

It is recommended that the Board of Water and Power Commissioners (Board) adopt the attached Resolution authorizing award of the Agreement to PEI.

ALTERNATIVE CONSIDERED

LADWP's alternative to this Agreement would potentially cause a gap in knowledge, maintenance, and support for its GIS environment until the RFP process has been completed. This is not a viable option and is not recommended.

The proposed schedule for the RFP process is provided below.

| No. | Activity | Date |
|------------|---|--------------|
| 1 | RFP Release | May 14, 2024 |
| 2 | Pre-Proposal Meeting | May 21, 2024 |
| 3 | Deadline for Submittal of Questions or Requests for Clarification | May 28, 2024 |

| | | |
|----|---|------------------------|
| 4 | LADWP's Responses to Received Questions and Request for Clarifications posted to eRSP | June 14, 2024 |
| 5 | Submittal of Notice of Intent to Submit Proposal | June 19, 2024 |
| 6 | Proposal Due Date | July 2, 2024 |
| 7 | Oral Interviews/Exercises/Demonstrations | July 2024 |
| 8 | Proposal Review Completion | August 2024 |
| 9 | Clarification [and/or Negotiation] Period | August-September 2024 |
| 10 | Notice of Intent to Award | September-October 2024 |
| 11 | Recommendation of Award to the Board of Water and Power Commissioners | November 2024 |

FINANCIAL INFORMATION

The Agreement is for a term of one year and a total not-to-exceed amount of \$2,000,000 (budgeted).

| Service Description | Estimated Expenditure |
|---------------------------------------|-----------------------|
| 01 - GIS Data Support and Analysis | \$52,800 |
| 02 - Application Administration | \$305,100 |
| 03 - Integration and Web Support | \$306,000 |
| 04 - ArcGIS Enterprise Administration | \$144,800 |
| 05 - Application Development Support | \$560,100 |
| 06 - Technical Support Lead | \$435,600 |
| Total: | \$1,804,400 |

BACKGROUND

LADWP began an effort in 2014 to retire its antiquated Intergraph Automated Mapping and Facilities Management/Facilities Rule-based Application Model Management Environment system and replace the current geographically based electrical model system with a new GIS. The new GIS is the repository for the LADWP Electric Model (EM).

The EM is an electronic representation of the electrical system from generation to the customer. It stores information on key elements of the electrical system, their attributes, location, and how they are connected to each other. The model supports numerous uses throughout LADWP's Power System.

On December 16, 2014, the Board approved Resolution 015 109, and LADWP executed Agreement No. 47283 with PEI on January 20, 2015, to provide GIS

implementation and data conversion services (Phase 1). The agreement was awarded through a competitive process. Agreement No. 47283 expired January 20, 2019.

On December 11, 2018, the Board approved Resolution 019 097, and LADWP executed sole source Agreement No. 47509 with PEI on January 24, 2019, which replaced expired Agreement No. 47283. Agreement No. 47509 provided go-live support for transitioning Power System's GIS to LADWP staff and planning for continuity to the second phase of this project. The work has been focused on production support, training, coaching, daily GIS support, business process improvements, and overall program management.

On June 9, 2020, the Board approved Resolution 020 232, and LADWP executed Amendment No. 1 to Agreement No. 47509 extending the term by two years for a total of five years and increasing the agreement amount. The Amendment was necessary due to challenges encountered with scope and resources during 2019, which slowed the progress of completing projects on the GIS roadmap. The initial budget did not sufficiently meet the project goals of production support to stabilize data discrepancies, project management, and business improvements as originally projected. Agreement No. 47509 expired January 23, 2024.

Under the previous agreements, PEI developed business critical applications for daily operations of the Power System. These custom applications are supported by their technical support teams as well as backend support. PEI is uniquely positioned to provide necessary skills and knowledge to support the critical tasks for business-critical systems including supporting inspections, custom integration to generate work requests, managing custom built GIS redline workflows, integrating with computer-aided design vendor, tracking joint pole agreements, and reporting with custom applications.

PEI has performed satisfactorily on past agreements.

ENVIRONMENTAL DETERMINATION

Determine item is exempt pursuant to California Environmental Quality Act (CEQA) Guideline 15060(c)(3). In accordance with this section, an activity is not subject to CEQA if it does not meet the definition of a project. Section 15378(b)(4) states that government fiscal activities which do not involve any commitment to any specific project which may result in a potentially significant physical impact on the environment do not meet that definition. Therefore, entering into a contract with PEI is not subject to CEQA.

CITY ATTORNEY

The Office of the City Attorney reviewed and approved the Agreement and Resolution as to form and legality.

ATTACHMENTS

- Procurement Summary
- Resolution
- Agreement

PROCUREMENT SUMMARY

| | |
|----|---|
| 1. | Recommended Vendor: POWER Engineers, Inc. (PEI) |
| 2. | Procurement Type: Request for Single Source Proposal (RSSP) |
| 3. | Procurement Details: A. Contract Status: Replacement B. Proposal Advertisement Date: December 13, 2023 C. Pre-Proposal Conference Date: N/A D. Proposal Due Date: December 20, 2023 E. Number of Downloads of Solicitation: 1 F. Number of Proposals Received: 1 G. Protest Received: : No |
| 4. | Buyer Assigned: Joelle Morisseau-Phillips |
| 5. | Contract Administrator: Wei Chou |
| 6. | LADWP System/Division: Information Technology Services |
| 7. | Contact Person for Item: Wei Chou |

A. Evaluation Rating Summary of Proposal

Not applicable to the Agreement.

B. Evaluation of Proposal

LADWP issued RSSP No. 90754 to PEI to continue maintenance and support of the Geographic Information System for one year.

The proposal provided by PEI addressed the scope items requested. The level of effort estimated in the proposal was consistent with the amount of work estimated by LADWP.

The prices have been determined to be fair and reasonable based on comparison to the hourly rates on the previous agreement, considering changes in the Consumer Price Index.

C. Procurement History

| Service/Item History – Number of Times Item or Service has been Procured | | | | | |
|--|------------|---------------------|---------------|----------------|--------------------|
| Contract/ PO No. | Contractor | Term of Contract | Start Date | Ending Date | Contract Amount |
| 47509 | PEI | 5 years | Jan 24, 2019 | Jan 23, 2024 | \$11,970,433 |
| 47283 | PEI | 4 years | Jan 20, 2015 | Jan 19, 2019 | \$11,882,181 |

| Vendor Experience-Number of Contracts Vendor had with LADWP during the past 10 years | | | | | |
|--|--|---------------------|---------------|----------------|--------------------|
| Contract/ PO No. | Contract Description | Term of Contract | Start Date | Ending Date | Contract Amount |
| 47723E | Environmental Assessment & Air Quality Services | 5 years | Sep 14, 2022 | Aug 7, 2027 | \$40,000,000* |
| 47695 | Best Management Practices for Storm Water Regulatory Compliance | 5 years | May 12, 2022 | May 11, 2027 | \$21,400,000 |
| 47509 | Geographic Information System Phase 2 Support | 5 years | Jan 24, 2019 | Jan 23, 2024 | \$11,970,433 |
| 47446F | Environmental Assessment & Air Quality Services | 3 years | Aug 28, 2017 | Aug 27, 2020 | \$4,000,000 |
| 47502 | Best Management Practices for Storm Water Regulatory Compliance | 4 years | Aug 27, 2018 | Aug 26, 2022 | \$14,750,000 |
| 47283 | Geographic Information System Implementation and Data Conversion Services | 4 years | Jan 20, 2015 | Jan 19, 2019 | \$11,882,181 |

*Cumulative amount of the multiple award agreement.

D. Local Business Preference Program (LBPP)

Not applicable to the Agreement.

E. Additional Outreach Efforts Taken

Not applicable to the Agreement.

F. Small Business Enterprises (SBE)/Disabled Veterans Business Enterprises (DVBE)/Minority Business Enterprises (MBE)/Women Business Enterprises (WBE)/Other Business Enterprises (OBE) Subcontracting Participation

Not applicable as this is a single-source agreement. However, PEI was encouraged to seek out and include SBE, DVBE, MBE, and WBE firms where feasible.

| OBE PARTICIPATION (Non-Certified Firm) | | |
|--|---------------------------------|-------------|
| Name | Description of Work | % |
| JCMB Technology | DataPort Administration Support | 1.4% |
| | OBE Total: | 1.4% |