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CALIFORNIA



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August 31, 2022

ELECTRONIC MAIL

To: 24 Pre-Qualified On-Call Contract Consultants of LA Sanitation

LA SANITATION ON-CALL CONSULTANT SERVICES CONTRACT ISSUANCE OF TOS SN-161 – DIGESTER GAS COLLECTION, CONVEYANCE & STORAGE SYSTEM ASSESSMENT STUDY

LA Sanitation (LASAN) is soliciting responses from 24 Prime Consultants on the Pre-Qualified On-Call List. Attached are details of required services for the Task Order Solicitation (TOS). To be considered responsive, Prime Consultants must attend a **mandatory** virtual pre-proposal meeting to be held on:

Date and Time: Tuesday, September 20, 2022, from 1:00 P.M. to 2:00 P.M.
Location: Virtual: meet.google.com/rsi-smkj-skz
By Phone: (US) +1 218-301-8697 PIN: 981 912 309#
RAMP ID: See RAMP Opportunity ID: 203980

All questions regarding this TOS before the meeting must be submitted in writing via e-mail to:

- Ms. Thu-Van Ho, thu-van.ho@lacity.org
- Mr. Sean Munoz, sean.munoz@lacity.org
- Ms. Wanda Epps, san.oncall@lacity.org

Please note that inviting your subcontractors to the meeting is optional.

The **deadline for proposal submission** is **Friday, September 30, 2022, before 2:00 P.M.** If your firm is interested in this TOS, please submit a proposal via e-mail by the indicated due date to the following LASAN staff:

- Ms. Thu-Van Ho, thu-van.ho@lacity.org
- Mr. Sean Munoz, sean.munoz@lacity.org
- Ms. Wanda Epps, san.oncall@lacity.org

Thank you for your interest and we look forward to receiving your response to this TOS. Should you decide not to submit a proposal, a **negative response is requested** with a brief explanation of the reason.

zero waste • zero wasted water

AN EQUAL EMPLOYMENT OPPORTUNITY - AFFIRMATIVE ACTION EMPLOYER

Recyclable and made from recycled waste



Your decision to not submit a proposal will not affect your eligibility for future work.

Sincerely,



Nancy Lantin, Sr. Management Analyst II
On-Call Contracts Representative
Administration Division
LA Sanitation and Environment

NL:wae

Attachment: Scope of Services

c: Master Files
Consultants
Timeyin Dafeta, LASAN
Thu-Van Ho, LASAN
Sean Munoz, LASAN
Sheri Symons, LASAN
David Santos, LASAN

**City of Los Angeles
LA Sanitation and Environment (LASAN)**

On-call Consultant Services Contract

Task Order Solicitation (TOS) SN-161 for

**Digester Gas Collection, Conveyance & Storage System Assessment
Study**

September 2022

1. Introduction

The Hyperion Water Reclamation Plant (HWRP) is the main water reclamation facility serving the City of Los Angeles and 28 other contract cities and agencies. It receives sewage from 4 million people living in its 600 square mile service area. HWRP is situated on 144 acres of prime beachfront property just south of Los Angeles International airport. It was designed to accommodate both dry and wet weather days with a maximum daily wastewater flow of 450 million gallons per day (MGD) and a peak wet weather flow of 850 MGD. On a dry weather day, an average of 260 million gallons of wastewater enters the plant. The HWRP treatment process consists of preliminary screening, enhanced primary treatment, pure oxygen activated sludge secondary treatment, egg-shaped digesters for anaerobic digestion, solid bowl centrifuges for thickening and dewatering, biosolids storage and handling facilities, and advanced foul air handling and treatment systems.

HWRP operates a high-rate two-stage digestion process. The Digestion System consists of 16 egg-shaped primary digesters and 4 batch digesters, each with a capacity of 2.5 million gallons (MG). The digesters stabilize thickened primary sludge (TPS) and thickened Waste Activated Sludge (TWAS) through the thermophilic anaerobic process. Digested sludge from the first stage digesters is routed to four second stage digesters operated in a batch mode to meet target pathogen reduction requirements by maintaining sludge retention at thermophilic temperatures ($126.9^{\circ}\text{F} < T < 131.0^{\circ}\text{F}$) for a set time (minimum 16 hours). The second stage digesters operate such that while one tank is in fill mode, one is in empty mode, and two are in sludge holding mode.

The digester gas collects in the domes of the digesters. The digester gas is saturated at 128°F , and 6.5 inches of water column (WC). It leaves the three digester batteries (D1, D2, & E) and flows to the Digester Gas Handling System via the 14-inch, 24-inch and 36-inch pipelines. The gas domes are equipped with 14-inch individual discharge pipelines that collect digester gas that then flows through a foam separator before combining in 24-inch collectors. Two 36-inch mains transfer the digester gas to the low pressure gas holders (LPGH), flares, and gas compressors. The high pressure discharge piping of the gas compressors feeds the hydrogen sulfide (H_2S) removal facility (LOCAT or Desulfurization Facility). There are connections from the high pressure discharge piping to the flares and the cogeneration plant, Hyperion BioEnergy Facility (HBEF), and process steam boiler.

There are currently two floating-roof LPGHs for digester gas storage, LPGH #1 with a capacity of 150,000 cu ft. and LPGH #2 with a capacity 112,500 cu ft. The LPGHs are

designed to maintain a system pressure of +6.5-inch of WC, utilizing the weight of the roof on the membrane-sealed system to maintain the set pressure in the digester gas collection system. Based on the current maximum digester gas flows at the plant of 6,000 scfm, the gas holders provide over 43 minutes of storage time. If more gas is generated than is consumed by Hyperion BioEnergy Facility (HBEF) or Boiler #2, the gas holder level rises to store the excess volume of gas. When the gas holder level increases beyond a setpoint of 85 percent of its maximum level, low pressure flaring is initiated. Flaring can also occur on the high pressure side of the system. This happens when the high-side pressure exceeds its setpoint of 42 psig. Low pressure flaring overrides high pressure flaring if both setpoints are reached. A pressure switch that indicates low pressure within the gas system will stop the compressors to prevent the creation of a vacuum within the system.

The HWRP currently produces approximately 6.6 million standard cubic feet per day (MMSCFD) of digester gas. The digester gas from the anaerobic digesters is compressed from approximately 6.5 in of WC at the gas compression facility to 35 psig. The speed of the compressors is adjusted based on the level of the floating roof in the low pressure gas holders. There are four new Sullair, oil-filled, rotary screw compressors rated for 5 MMSCFD/unit with two duties and two standbys. This provides a reliable capacity of 10 MMSCFD. Additionally, there are two Sullair A & B water cooled compressors rated at 3.46 MMSCFD/unit and one IGC two stage rotary lobe compressor rated at 4.67 MMSCFD.

The compressed digester gas is delivered to the Digester Gas Desulfurization Facility where the H_2S content of the digester gas is reduced to an acceptable level (less than 20 ppm). The digester gas is treated to meet the H_2S limits based on South Coast Air Quality Management District (SCAQMD) requirements, which is a daily average of less than 40 ppm H_2S in the digester gas. The removal efficiency of the desulfurization system is 90 to 95 percent. The H_2S is absorbed and ionized into scrubbing liquor. The sulfide removal process is based on a chelated iron process, where iron is kept in solution to react with the sulfides and iron alternates between a reduced Fe^{+2} and oxidized Fe^{+3} state. Elemental sulfur is removed by flotation and then dewatered. The spent solution is regenerated in an oxidizing tank by converting ferrous to ferric (Fe^{+2} to Fe^{+3}) iron.

After the removal of H_2S , the digester gas flows through a 14-inch stainless steel pipeline connecting to a 20-inch stainless steel HP Gas pipeline on the G-Street pipeway to the HBEF to be utilized for power generation. The digester gas is utilized at the HBEF for the cogeneration of approximately 22 megawatt (MW) of electrical power and 70,000 lbs per hour of steam (at 90 psig). The HBEF is designed for an average flow of 4,936 scfm digester gas (7.12 MMSCFD) and maximum flow of 6,000 scfm. The current digester gas generation is 6.6 MMSCFD. Excess digester gas, if generated, would be used in boilers or flared if the level in the low pressure gas holders reaches a high level setpoint.

The Flare system is intended to safely dispose of the waste digester gas generated within the Plant that cannot be utilized as a source of energy at the HBEF or Boiler #2 in an environmentally safe manner. There are six flares for the emergency burning of excess digester gas designed for 2,550 standard cubic feet per minute (scfm) each. In accordance with the environmental compliance with SCAQMD emission regulations, the flares are permitted for a flow rate of 2,550 scfm each, but the total volume of digester gas burned in the flares should not exceed 7,650 scfm (11 MMSCFD). The total daily digester gas volume

which can be flared based on the permits is 11 MMSCFD and current gas production is 6.6 MMSCFD.

Digester gas is a hazardous material that requires special handling to maintain safety of staff at HWRP. The digester gas collection and handling system should be reliable and efficient. This study will assess the condition of the existing piping and appurtenances to adequately and safely convey digester gas to the various facilities within the Plant. The study will also review recent improvements in the digester collection and handling system under CIP 2430 – G-Street Pipeway Rehabilitation Project completed in 2015 and CIP2441 – Digester Corrosion Rehabilitation to be completed in May 2020.

2. Scope of Services

HWRP is seeking a qualified consulting firm to provide technical support in the assessment and evaluation of existing digester gas collection, storage and conveyance system in the following process areas for long term reliability and safety:

Egg-Shaped Anaerobic Digesters to the LPGH & Gas Compressors;
LPGH to the Flares;
Gas Compressors to Desulfurization Facility;
Desulfurization Facility to Flares; and
Desulfurization Facility to HBEF and steam boiler

The proposed improvements should be cost-effective and reliable. The scope of services includes the following:

Task 1: Project Management

Consultant will maintain proactive management across all project activities and facilitate project success by meeting the schedule, objectives, and LASAN's expectations for project results, and provide an avenue for communication between Consultant team, LASAN and all stakeholders.

- Project Direction and Management includes manage project, staffing, budget, schedule, quality assurance, and deliverable review.
- Project Initiation and Kickoff Meeting to discuss related topic items, health and safety, work breakdown structure, quality management, near-term deliverables, and communication protocols.
- Meetings include coordination meetings and conference calls with LASAN to discuss project status, progress, and resolution of any potential project issues. Consultant shall prepare draft agendas in advance of project meetings for review by LASAN and also prepare meeting minutes within 48 hours of meetings completion and distribute to the team.

Task 2: Assessment of Existing Digester Gas Collection, Storage & Conveyance System & Appurtenances from the Anaerobic Digesters to the HBEF and the Flares

The consultant will evaluate the existing digester gas handling system at HWRP.

- The evaluation will assess the structural integrity of the supporting structures, the extent of corrosion to the piping including valves, all low pressure and high pressure piping and piping accessories, vacuum and pressure relief valve assemblies, flame arrestors, and plug isolation valve assemblies.
- Identify any deficiencies and the need for rehabilitation to bring the pipeline into compliance with changing regulatory requirements and maintenance and design restrictions.
- Conduct ultrasonic test on all piping and vessels. Determine if there are any restrictions in the piping that impede digester gas flow
- Some of the existing digester gas piping system is buried making it impractical to inspect and determine the physical condition. The Consultant will utilize a computer model for the piping system analysis.
- Determine if the automatic condensate system on the HP digester gas piping to the HBEF/Boiler #2 is adequate for the removal of condensate generated in the piping. Condensate should be collected and managed with minimal Operator's attention. Condensate tanks with a barometric trap are a simple way to automatically overflow condensate without releasing digester gas.
- Evaluate the existing digester gas flow meters and instrumentation. Assess differential pressure-based meters, thermal dispersion meters, and vortex shedding meters for possible testing.
- Evaluate the possibility of monitoring methane emissions from the Gas Collection, Storage & Conveyance system using sensors or drones. The new system should have the capability to identify potential methane leak or point sources using specialized airborne sensors to reduce emissions of potent greenhouse gas. Using Airborne Visible InfraRed Imaging Spectrometer – Next Generation (AVIRIS-NG) instrument or equivalent instrument should be evaluated.
- Review the work done under CIP 2430: G-Street Pipeway Rehabilitation Project in 2014 and the on-going CIP 2441: Digester Corrosion Rehabilitation and make further recommendations to avoid catastrophic failure in the future. The Consultant will make recommendations for the modification or otherwise of the system to improve efficiency and safety.

The following is a briefly description of each facility in the gas handling system.

- a. Egg-Shaped Anaerobic Digesters to the LPGH/New Sullair Gas Compressors: The gas domes on top of each digester have pressure and vacuum relief valves with water seals, pressure gauges, gas collection piping, foam trap, and spray nozzles for foam mitigation. The above equipment forms an integral part of the gas handling system that conveys digester gas from the egg-shaped anaerobic digesters to the LPGH/New Sullair Gas Compressors. Low Pressure digester gas produced through thermophilic anaerobic digestion in the primary/batch digesters is collected and conveyed through the two main 36-inch digester gas collection headers to the four Sullair, Rotary Screw Gas Compressors. The Consultant should assess the conditions of the equipment including the 14-inch, 24-inch and 36-inch low pressure piping that convey digester gas from the digesters to the LPGH and Gas Compressors. The recommendations for improvement or otherwise should focus on the operational efficiency and safety at the Plant. Please note that some of the equipment was refurbished under CIP 2441.

- ☐ The consultant will provide the pros and cons of the existing system and recommend new mixing systems, if any.
- b. LPGH to the Flares: The Flare digester gas handling system has been in operation for over 30 years. The LP digester gas piping from the LPGH to the Flares are 36-inch diameter stainless steel pipes which combines into one 36-inch stainless steel pipe that feeds the Flares.

The piping materials for both high and low pressure gas system are the same. For pipe size 4" and larger, the piping is of unlined ductile iron pipe Class 53 with mechanical joint type fittings for underground pipe and flanged type fittings for above ground pipe. For pipe size 3" and smaller, except for some sections in the pilot light system, the piping and fittings are galvanized steel pipe. The high and low pressure gas systems each have a Knockout drum at the upstream side of the header. The purpose of the knockout drums is to collect moisture entrained in the incoming gases to protect flame arrestors and burners where excessive corrosion could reduce or plug the small gas passes.

There are six major valves for each flare comprising:

- 12" High Pressure Manual Block Valve
- 12" High Pressure Pneumatic Block Valve (HPBV)
- 3" High Pressure Burner Control Valve (HPBCV)
- 18" Low Pressure Manual Block Valve
- 18" Low Pressure Pneumatic Block Valve (LPBV)
- 18" Low Pressure Burner Control Valve (LPBCV)

- ☐ The Consultant will assess the low pressure and high pressure digester gas piping and accessories from the LPGHs to the Flares and make recommendations for improvements based on new technologies to increase operational efficiency and safety.

Gas Compressors to Desulfurization Facility: High pressure sour digester gas (i.e., gas with high H₂S before going to LOCAT) is delivered to the Desulfurization Facility through a 14-inch stainless steel pipeline. The piping consists of a 14-inch 316 stainless steel piping that was installed in June 2016.

- c. Desulfurization Facility to Flares, Boiler & HBEF: High pressure digester gas from the Desulfurization Facility is delivered to the Flares, Boiler #2 and the Plant's cogeneration facility HBEF through a 20-inch stainless steel line. The piping to the Flares is a combination of a 20-inch stainless steel line and 24-inch High Density Polyethylene (HDPE) line. The piping to the HBEF and Boiler #2 starts from a 14-inch to a 20-inch stainless steel line. The piping, equipment & appurtenances were rehabilitated under CIP 2430 G-Street Pipeway Rehabilitation Project that involved dust removal, solvent cleaning, and coating. There is one automatic condensate drain and one manual condensate drain on the HP digester gas pipeline.
- ☐ The Consultant will evaluate the adequacy of the condensate drain on the piping from the Desulfurization Facility to the HBEF.

Task 2 Deliverable:

- A technical report, in electronic format, describing the changes required to achieve long term reliability, operational efficiency and address the challenges hampering the smooth and safety operation of the system.

Task 3: Identify and Evaluate Remedial Measures for addressing the Deficiencies in the Digester Gas Collection, Conveyance and Storage System & Appurtenances

- a. The consultant will identify and evaluate new technologies for addressing the problems identified under Task 2. Discuss any mitigation measures for improving the reliability of the digester gas collection, conveyance and storage system. The new technology should have the capability to address the gas handling system.
- b. The consultant will identify and evaluate new technologies for HWRP. This may include performing the following:
 - i. Testing new Pressure Reducing Valves (PRVs) and Flame Arrester Assemblies
 - ii. Conduct pilot studies if feasible
 - iii. Request and compare quotes from vendors
 - iv. Evaluate the feasibility of installing new system and identify any physical modifications required to the digester collection, conveyance and storage system prior to installation
- c. The consultant will identify and evaluate new H₂S Removal technologies for the Plant. The H₂S removal system could be a Conventional Unit, Pressure Swing Adsorption or Membrane Separation system. Evaluate the feasibility of installing the new system and identify any physical modifications required to the existing Desulfurization Facility to accommodate the proposed changes to the system.

Task 3 Deliverable:

- Draft and final report of analysis and quotes of the new system

Task 4: Propose Best Technologies for the Digester Gas Collection, Conveyance and Storage System & Appurtenances for HWRP and Action Plan for Implementation

The consultant will propose new technologies for HWRP regarding Tasks 2 and 3. The final proposed technology will be evaluated and compared to other technologies. A cost for installing the proposed technology will also be provided

Task 4 Deliverables:

- Prepare and submit final Conceptual Report (PDR) showing details of Alternative Proposals and recommend the most cost-effective alternative for implementation.

Task 5: Miscellaneous As-Needed Tasks

Perform any additional tasks that may be required as part of the study as directed by the LASAN project manager.

3. COVID VACCINATION REQUIREMENT FOR CONSULTANTS/CONTRACTORS

For the purposes of this section the terms contractor and consultant are interchangeable and deemed to have the same meaning; and the terms subcontractor and subconsultant are interchangeable and deemed to have the same meaning.

Employees of Contractor and/or persons working on its behalf, including, but not limited to, subcontractors (collectively, “Contractor Personnel”), while performing services under this Agreement and prior to interacting in person with City employees, contractors, volunteers, or members of the public (collectively, “In-Person Services”) must be fully vaccinated against the novel coronavirus 2019 (“COVID-19”). “Fully vaccinated” means that 14 or more days have passed since Contractor Personnel have received the final dose of a two-dose COVID-19 vaccine series (Moderna or Pfizer-BioNTech) or a single dose of a one-dose COVID-19 vaccine (Johnson & Johnson/Janssen) and all booster doses recommended by the Centers for Disease Control and Prevention. Prior to assigning Contractor Personnel to perform In-Person Services, Contractor shall obtain proof that such Contractor Personnel have been fully vaccinated. Contractor shall retain such proof for the document retention period set forth in this Agreement. Contractor shall grant medical or religious exemptions (“Exemptions”) to Contractor Personnel as required by law. If Contractor wishes to assign Contractor Personnel with Exemptions to perform In-Person Services, Contractor shall require such Contractor Personnel to undergo weekly COVID-19 testing, with the full cost of testing to be borne by Contractor. If Contractor Personnel test positive, they shall not be assigned to perform In-Person Services or, to the extent they have already been performing In-Person Services, shall be immediately removed from those assignments. Furthermore, Contractor shall immediately notify City if Contractor Personnel performing In-Person Services (1) have tested positive for or have been diagnosed with COVID-19, (2) have been informed by a medical professional that they are likely to have COVID-19, or (3) meet the criteria for isolation under applicable government orders.

4. Term of Engagement and Cost Estimate

The term of engagement is from the issuance date of the Notice to Proceed through July 22, 2024. It is estimated that the cost ceiling for this TOS is approximately \$355,000.

5. Solicitation Schedule (Tentative)

- Issue Task Order SolicitationDate of Cover Letter.
- Receive Solicitation Responses.....As indicated in Cover Letter.
- Conduct Interviews if necessary.....12 weeks after issuance of TOS.
- Select and Negotiate.....14 weeks after issuance of TOS.
- Execute Task Agreement Form.....16 - 24 weeks after issuance of TOS.
- **Estimated Project Start Date: October 1, 2022**

6. Solicitation Response Requirements

Solicitation Responses shall not exceed twenty (20) pages, exclusive of cover, dividers and resumes. Solicitation Responses shall be submitted to the following LASAN staff via email, no later than 2:00 P.M. on the proposal due date indicated in the cover letter:

- Thu-Van Ho, thu-van.ho@lacity.org
- Wanda Epps, san.oncall@lacity.org

Solicitation Responses shall include:

- Resume demonstrating that the candidate is capable of meeting the requirements of the Scope of Work. Resume shall include work experience history with dates, and references from past employers, owners, and/or organizations.
- Provide a proposed individual cost breakdown by tasks.
- Provide a breakdown of estimated time for completion of task.
- Proposed Billing Salary Rate Summary for the proposed candidate with all respective direct and indirect costs, markups, expenses, overhead rates and profit. (See Attachment A).
- MBE/WBE/SBE/EBE/DVBE/OBE subcontractors utilized and the percent utilization. (See Attachment A)

Note: Department of Public Works only recognizes:

- MBE/WBE certifications certified by City of LA – Bureau of Contract Administration (LABCA), LA County Metropolitan Transportation Authority (MTA), Caltrans, The Southern California Minority Supplier Development Council (SCMSDC), or Women's Business Enterprise National Council (WBENC)-WEST; and any member of California Unified Certification Program (CUCP); and
- SBE/EBE/DVBE certifications certified by LABCA or State of California – Department of General Services (CA-DGS)
- A firm can only be a MBE or WBE (not both) for a pledged amount
- A firm with multiple certifications is acceptable (i.e., a MBE/SBE/EBE/DVBE firm will fulfill 4 of 6 required categories)
- Provide a copy of valid MBE/WBE/SBE/EBE/DVBE Certifications of MBE/WBE/SBE/EBE/DVBE subcontractors utilized.
 - If a subconsultant needs to be added to Schedule A, use Mini Outreach Subconsultant Phone Log template uploaded to the RAMP (Regional Alliance Marketplace for Procurement) for this TOS.
- Statement pertaining to the candidate's availability.

7. Selection Criteria

The selection team will evaluate the proposals using the following criteria:

- A. Consultant Qualifications, Experience, and Expertise
 - Proven capability in conducting scientific studies and analysis supporting wastewater treatment and digester gas collection, conveyance, and storage facilities planning.

- Capability, and experience in providing the Scope of Services as shown in the proposal.
 - Expert knowledge and work experience associated with understanding of the issues, options, and approaches related to capital improvement projects and digester gas handling and conveyance system.
- B. Personnel Qualifications, Experience, and Expertise
- Expert knowledge and work experience associated with understanding of the issues, options, and approaches related to capital improvement projects and digester gas handling and conveyance system.
 - Expert knowledge and experience in facilities assessment and planning issues in relation to wastewater treatment, digester gas collection and conveyance system, as well as City operations and practices.
- C. Technical Approach
- Familiarity and understanding of digester gas collection and conveyance systems, studies, and projects.
- D. Project Management Approach
- Ability to effectively and rapidly meet on going needs for the related stakeholder activities.
 - Experience and proven track record with local stakeholders.
- E. Competitive Fees and Costs
- The value offered to the City considering cost in comparison to capabilities and experience of the candidates.
 - Direct and indirect costs, markups, expenses, overhead rates, and profit will be considered.

8. **Suggested MBE/WBE/SBE/EBE/DVBE/OBE Participation Levels**

The City has set anticipated participation levels (APLs) for sub-consultants as follows: 18% MBE, 4% WBE, 25% SBE, 8% EBE, and 3% DVBE. Minority, women, small, emerging, disabled veteran owned and controlled businesses must be considered along with other business enterprises whenever possible as sources of sub-consulting services.

Note: Sub-consultants that are not listed on Consultant's current Schedule A - LIST OF POTENTIAL MBE/WBE/SBE/EBE/DVBE/OBE SUBCONSULTANTS (which includes any previously approved mini outreach) cannot be included in a proposal and/or utilized without the performance of a mini outreach and approval of said outreach by LASAN. A Request to Add Sub(s) should be made at least 10 business days prior to proposal due date. If a consultant needs to add a sub to their Schedule A, please see the *Mini Outreach Phone Log and Instructions to Add Sub* document associated with this TOS and available for download within the Regional Alliance Marketplace for Procurement (RAMP). When a CONSULTANT receives from LASAN an approved Request to Add Sub(s), approved sub(s) then may be included in the proposal. **Exception:** If Request to Add Sub(s) is in the process of being approved by LASAN, CONSULTANT may submit a proposal that includes the yet to be approved sub. The Request to Add Sub(s) must have been submitted prior to the proposal due date deadline.

9. **Task Order Manager**

LASAN On-Call Contracts Representative: Nancy Lantin, Sr. Management Analyst II, On-Call Contracts Representative, Administration Division, (213) 440-8237, nancy.lantin@lacity.org. (Refer to contact via email)

Designated Task Manager for this TOS: Thu-Van Ho, Environmental Engineer, Hyperion Water Reclamation Plant (HWRP), (310) 648-5826, thu-van.ho@lacity.org (Refer to contact via email).

10. Disclaimer

The City may or may not decide to award any or part of this task order based on its sole convenience and shall not be responsible for any solicitation response costs.

ATTACHMENT A

COST REIMBURSEMENT - BILLING SALARY RATE BASIS

Firm Name	Status	Last Name	First Name	Position	Raw Rate (\$/hr)	Approved Overhead Rate	Profit	Billing Rate (\$/hr)	Effective Date	Note
Prime Firm	Prime									
Prime Firm	Prime									
Prime Firm	Prime									
Subcontracting Firm Name 1	MBE/SBE/EBE									
Subcontracting Firm Name 2	WBE/SBE/EBE									
Subcontracting Firm Name 3	MBE/SBE									
Subcontracting Firm Name 4	WBE/SBE									
Subcontracting Firm Name 4	SBE/EBE/DVBE									
Subcontracting Firm Name 5	SBE/EBE									
Subcontracting Firm Name 6	OBE									

SUMMARY

Firm Name	Status	Fee	%Fee
Prime			
Subcontracting Firm Name 1	MBE/SBE/EBE		
Subcontracting Firm Name 2	WBE/SBE/EBE		
Subcontracting Firm Name 3	MBE/SBE		
Subcontracting Firm Name 4	WBE/SBE		
Subcontracting Firm Name 4	SBE/EBE/DVBE		
Subcontracting Firm Name 5	SBE/EBE		
Subcontracting Firm Name 6	OBE		
Total Direct Labor Cost of the Prime			
Total Subcontract Expenses			
5% Administrative Fee (markup)			
Other Direct Costs (with no markup)			
Total Task Order Amount			

Total Subconsultant Participation

Pledged	MBE	WBE	SBE	EBE	DVBE	OBE
% of Total Task Order	%	%	%	%	%	%
\$ Amount	\$	\$	\$	\$	\$	\$