Working with Seattle City Light

- For additional information on any of the following selected contracting opportunities, contact the
- SCL WMBE Program Manager, Kara Williams, at kara.williams@seattle.gov or (206) 684-3641.
- All current public work solicitations can be accessed by registering on eBid Exchange at

www.ebidexchange.com/seattle

Project Name:	2 nd Avenue Extension Streetlight Infrastructure Replacement	
Division Name:	Engineering & Technology Innovation Business Unit	
Location details:	2nd Avenue Extension South between S. Washington and S. Main Streets	
Anticipated contract	Bid Date: July 2019	
advertisement date:	NTP Date: September 2019	
Estimated budget:	Total Project Costs: \$996,172 Construction Costs: \$656,372	
Description:	The goal of this proposed project is to replace the underground	
	infrastructure for eight (8) historic three globe streetlight poles on 2nd	
	Avenue Extension South between South Washington and South Main	
	Streets. This site is located within the Pioneer Square Historic District. This	
	life safety need was identified by Metro Transit and SPD in mid-November	
	after repeated failures and repair cycles.	
	An engineering consultant will be hired to provide design services, prepare	
	the public works bid documents and provide construction support for this	
	project.	
	h. Jean	



5th Avenue NE & Meridian Direct Bury Cable Replacement

Division Name:	Engineering & Technology Innovation Business Unit
Location details:	38 blocks in North Seattle and the City of Shoreline, (5 th Ave N. 145 th to N. 165 th and Meridian N. 145 th to N. 163 rd).
Anticipated contract	Bid December 2019
advertisement date:	Construction start January 2020
Estimated budget:	\$24,899,739
Description:	These projects will replace City Light's direct-buried underground electrical cable that has been identified as highly likely to fail in the near future.
	These projects consist of civil design and restoration work associated with underground electrical facility replacement and system upgrade work for approximately 38 blocks in North Seattle and the City of Shoreline. Civil design work items include surveying, pot holing, pavement removal, trench excavation, vault and conduit installation, backfill and pavement restoration.
	An engineering consultant will be hired to provide civil design services, preparing a public works contract for the civil work, plan design support during the civil and electrical construction work.



Map data ©2017 Google

Project Name:	Skagit Water Meter Installation		
Division Name: Location details: Anticipated contract advertisement date:	Generation Operations, and Engineering Newhalem, WA Whatcom County July 2019		
Estimated budget:	\$ 500,000.00 plus WSST		
Description:	The Washington State Water Use Efficiency (WUE) law (WAC 246-690) requires water systems to use water efficiently, therefore water meters must be installed on the Newhalem customer connections. Currently, there are no water meters. The new water meters will assist with calculating the leakage rate. Approximately, 57 water meters are schedule to be installed on both residential/ commercial systems throughout the town of Newhalem. Also, as part of the project: the sidewalks, lawns, and paving that is disrupted during construction will be replaced.		

Photo 1 – Typical area where new waters meter will be installed.



Project Name:	Diablo Lake Fuel Dock Upgrades
Division Name:	Generation Operations, and Engineering
Location details:	Diablo Lake, WA Whatcom County
Anticipated contract	July 2019
advertisement date:	
Estimated budget:	\$400,000.00
Description:	The Diablo Lake Fuel Dock Upgrades consists of replacing the existing fuel dock and dispenser with new ones, installing piles, replacing the existing rock bulkhead with a new crib wall, adding a new steel platform and adding a new aluminum access gangway.

Photo 1- Existing dock, fuel dispenser, and bulkhead to be replaced.



Project Name:	Alaskan Way Viaduct Demolition Project
Division Name:	Engineering and Technology Innovation Business Unit
Location details:	Alaskan Way between S. Royal Brougham Way and Battery Street
Anticipated contract	WSDOT's Design-build general contract was awarded 2018
advertisement date:	Construction Start February 2019
	Construction Complete July 2019
Estimated budget:	\$1M
Description:	The Alaskan Way Viaduct (AWV) Demolition project will remove the existing seismically sensitive elevated viaduct and supporting structure from Seattle's waterfront.
	City Light's scope of work will be the protection of its assets in the area to ensu

City Light's scope of work will be the protection of its assets in the area to ensure reliable and safe provision of power, including existing ductbanks, vaults, and the Transmission lines.

WSDOT's scope of work includes demolition and removal of the existing viaduct and support structure and some restoration work.

These projects will consist of Civil design and restoration, Electrical network design, plan review, construction management, traffic control, debris removal.



Boundary Banks 151-154 Sprayed Concrete Replacement

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description: Generation Operations and Engineering Business Unit Boundary Hydroelectric Project – Pend Oreille County Bid October 2019 Construction start August 2020 \$3.0M Remove asbestos-containing sprayed concrete on the rock ceiling of large power transformer bay at the Boundary Powerhouse. Attach new drainage system to rock ceiling. Attach and ground reinforcing mesh and apply new sprayed concrete. Some design/engineering will be required in the contract.

One transformer bay will be completed per year, with start dates of approximately August 2020, August 2021, August 2022, and August 2023.



Brace Point LID

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description: Engineering & Technology Innovation Business Unit West Seattle – Brace Point Neighborhood Bid December 2018 Construction start January 2020 \$9M

The project consists of installing underground electrical conduit in the Brace Point neighborhood to replace 13,000± lineal feet of direct-buried primary electrical cable and restoration work. City Light will coordinate with the consultant to complete final underground civil / utility design work including all duct banks, conduit, hand holes, and vaults for the electrical distribution system and street light system.

The existing buried cable is over 40 years old. City light injected direct buried cable to extend cable life, however approximately 30 to 50% of the cable cannot be injected and must be replaced.

Underground, 4 - inch diameter PVC conduit will be installed by a contractor, using open trench method. The new conduit will generally run between existing vaults. A few vaults may be substandard and would be replaced. Later, cable will be pulled through the new conduit by City Light Crews.



Project Name: Battery St. Tunnel Decommissioning Project **Engineering and Technology Innovation Business Unit Division Name:** Location details: **Battery Street Tunnel Anticipated contract** WSDOT's Design-Build Contract has been awarded advertisement date: **Construction Start February 2019** Construction Complete October 2020 **Estimated budget:** \$10.5M **Description:** The Battery Street Tunnel Decommissioning project will result in the closure the Battery Street Tunnel (BST) once the new SR99 tunnel is opened. Existing City Light primary circuit duct banks will be protected in place while the tunnel is filled with fill material. New secondary circuit duct banks will be constructed prior to filling the tunnel. Additionally, streetlighting and signaling feeders will be relocated.

These projects consist of Civil and Electrical ductbank and connection design, hazardous waste cleaning and disposal, construction management.



Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description: City of Burien – 1st Avenue S Phase 3 – Undergrounding

Engineering & Technology Innovation Business Unit City of Burien Bid 2019 Construction start 2020 \$5–10M The City of Burien will make street improvements along 1st Avenue South from South 140th Street to South 128th Street.

Seattle City Light utility infrastructure located within the project boundaries currently runs overhead on the east and west side of 1st Avenue South.

As part of this project, the City of Burien has requested that the overhead power and communication lines be relocated to underground.



Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description: City of Burien – 1st Avenue S Phase 3 – Undergrounding

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Seattle City Light utility infrastructure located within the project boundaries currently runs overhead on the east and west side of 1st Avenue South.

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OMS Phase II Implementation

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description:

Customer Care

Not applicable – intangible asset

\$1,391,460

Upgrade Outage Management System – significant upgrade as existing software is approaching end-of-life.

- A system integrator was selected in 2019, but there is a potential it could go out to bid again since a contract is not yet signed.
- An RFP for a Quality Assurance contract will occur in 2019.

CCB Upgrade

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description: Customer Care

Not applicable – intangible asset

Unidentified – part of Software Replacement Strategy master-project CCB Upgrade – upgrade to the CCB (Customer Care & Billing) software

• An RFP for a Quality Assurance contract will occur in 2019.

AMI Upgrade

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description:

Customer Care

Not applicable – intangible asset

Unidentified – part of Software Replacement Strategy master-project AMI Upgrade – full integration between CCB and AMI, resulting in the availability of interval data for all customers with AMI meters.

- A system integrator RFP will go out to bid in 2019
- An RFP for a Quality Assurance contract will occur in 2019.

WAMS Upgrade

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description:

Customer Care

Not applicable – intangible asset

Unidentified – part of Software Replacement Strategy master-project WAMS Upgrade – substantial upgrade to the Work Asset Management System, including addition of operational device management and firmware for the AMI meters.

- A system integrator RFP will go out to bid in 2019
- An RFP for a Quality Assurance contract will occur in 2019.

Mobile Workforce Implementation

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description:

Customer Care

Not applicable – intangible asset

2019: \$1,136,478; 2019-2021 Total: \$3,489,702

Implementation of software-as-a-service to connect devices used by field personnel to City Light software systems.

- [Kelly to give me status of RFP for SI]
- An RFP for a Quality Assurance contract will occur in 2019.

Project Name: Diablo Dry Dock Environmental Engineering Evaluation/Cost Analysis

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description: Environment Land & Licensing Unit Diablo Dry Dock Facility, Diablo Lake (Skagit) Advertisement Q2 2019 Contract start Q3 2019 \$500,000 This contract will be a consulting contract.

Environment Land and Licensing will be hiring a consultant to assist in investigating and preparing an Engineering Evaluation/Cost Analysis (EE/CA) for the Diablo Dry Dock site. The site is on National Park Service land and is a federal CERCLA (Superfund) site that is anticipated to require a Non-time Critical Removal Action.

This contract will be for highly specialized environmental characterization and risk analysis work that will also require an engineering evaluation.

East Pine Substation Expansion Project

Administering Department: SCL

Bidding Thru: SPU / FAS

General Information and Project Description:

- **Project Location**: The East Pine Substation site is located at 1501 23rd Avenue East, Seattle, WA 98122. It is bordered by East Pine Street to the north, 23rd Avenue to the east, East Union Street to the south, and 22nd Avenue to the west.
- Project Description: East Pine Substation (EPS) was originally constructed in 1966-67 and is considered an essential facility providing power to hospitals located on First and Capitol Hills. A course of action was recommended by Seattle City Light (City Light) under its Capital Improvement Program (CIP) to improve capacity, reliability, and security at the EPS. A strategic goal of the CIP is to ensure that the facilities serving City Light Customers' provide the lowest cost and reliable power as possible. One of the recommended actions for EPS includes: relocation of North and West perimeter wall to the property line and modification/ addition of security gate structures along North / West perimeter wall.
- The project consists :
 - Relocation of North and West perimeter walls to the property line and modification /addition of security gate structures along North /West perimeter wall
- **Goal:** To ensure adequate capacity and reliability into the future by modification /expansion of perimeter wall, security gate structures.
- Objective :
- Use engineering consultants and construction contractors, to design and construct in order to relocate the walls out of their current footprint toward the property line and seismic upgrades of the control building.
- • Meet Historical preservations and permit requirement
- • Minimize neighborhood construction impact by regular communication with customers.
- • Ensure restoration as is condition or even better.
- • Meet or exceed Seattle City Light security standard

Target Bid Date:Q 4 2018Working Construction Estimate:Approx. TBD







Project Name:	Environmental Remediation Construction Services Contract
Division Name:	Environment Land & Licensing Unit
Location details:	Various City Light facilities/properties; primarily in-service area
Anticipated contract	Bid Q1 2019
advertisement date:	Construction start Q2 2019
Estimated budget:	\$1,000,000 (IDIQ)
Description:	This contract is anticipated to be a task-order public works contract; through FAS.
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Environment Land and Licensing is responsible for the remediation of City Light properties identified as having levels of contaminants above WA State Model Toxics Control Act (MTCA) cleanup standards. Remediation is typically accomplished by physical removal of contaminated soils and/or materials using a cleanup or remediation construction contractor. This contract will be utilized to accomplish the remedial construction activities of this program.

Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description: North Surface Street Project

Engineering and Technology Innovation Business Unit
Alaskan Way between S. Royal Brougham Way and Battery Street
Construction Start February 2019
Construction Complete October 2020
\$1.3M (City Light Aurora Crossings Ductbank Work Only)
The North Surface Streets restoration project includes backfilling SR-99 cut section north of Battery Street Tunnel, reconstruction of Aurora Avenue as surface street
between Denny Street and Harrison Street, reconnection of Thomas and John street
grids, additional new signals at Denny, John, and Thomas intersections with Aurora, adjusting adjacent existing sidewalks and side street channelization to match new
Aurora configuration, retaining existing combined sewer, installing new, separate
stormwater conveyance system for reconstructed pavement and providing 26kV duct
banks across Aurora at Thomas and John Streets.

These projects consist of Civil and Electrical ductbank design, trench excavation, vault and conduit installation, backfill, pavement restoration



Project Name:	PSANI – Broad Series Inductor
Division Name:	Engineering & Technology Innovation Business Unit
Location details:	Seattle - Broad street, near Harrison Street and Taylor Ave
Anticipated contract	Bid July 2019
advertisement date:	Construction start December 2019
Estimated budget:	\$18M
Description:	The installation of a 115kV series inductor and other necessary equipment on the existing Massachusetts-Union-Broad (MA-US-BR) transmission line reduces the risk of City Light equipment reach and overload condition due to a potential increase in

1. Install a 6 Ohm oil insulted series inductor on the existing MA-US-BR transmission line.

regionally transferred power through the City Light's transmission system.

- 2. Install a 21.3 MVAR 115kV capacitor bank.
- 3. Install 115kV 2000A breaker, gas insulated switchgear (GIS) System.

Scope of work may require to expanding the substation beyond it's current fence line at its northwest corner. Expansion would require the vacation of portion of Broad Street near Harrison Street and Taylor Avenue North.



Project Name:	Diablo Reflector Bar Housing Deconstruction	
Division Name:	Generation Operations and Engineering	
Location details:	Diablo, Skagit Facility, Whatcom County	
Anticipated contract	Bid Date: December 2019	
advertisement date:	Construction Start April 2020	
Estimated budget:	\$1,600,000	
Description:	The existing residential structures originally constructed for the large numbers of workers building and operating the dams and powerhouses are no longer essential and have outlived their intended lifespan. Over the years many houses have been eliminated. Following the 2011-16 Skagit Plan, residents are in the process of moving from the Reflector Bar to the Hollywood neighborhood where houses are being systematically refurbished and upgraded with energy efficient features. Two Hollywood houses will be demolished as well as the 12 vacated Reflector Bar houses, and corresponding paved streets and the remaining open space rehabilitated to its natural condition.	



Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description:

Systems Operations Center – Seismic Upgrade

Facilities, Security & Emergency Management 614 NW 46th Street, Seattle WA, 98107 Q1 - 2019

\$5.0M

The Seattle City Light System Operations Center (SOC) is a 28,000-square-foot building in the Ballard neighborhood of Seattle, Washington. The building houses Seattle City Light's Control Room, critical power management, and communication infrastructure. It is essential that the building is operational and accessible for immediate occupancy post disaster.

The System Operation Center will receive seismic upgrades to meet the Immediate Occupancy (IO) or Life Safety (LifeS) structural performance objective criteria, as determined by the structural evaluation performed by SCL and Reid Middleton. Seismic upgrades to address these deficiencies would greatly increase the building's seismic reliability and increase its ability to operationally support the post-seismic recovery of the City of Seattle.

Project Name:	North Service Center – Central Lot Development
Division Name:	Facilities, Security & Emergency Management
Location details:	1149 N 98 th St, Seattle, WA 98103
Anticipated contract	2QT - 2019
advertisement date:	
Estimated budget:	\$1M
Description:	The central lot is currently used by SCL vegetation management and civil crews to store materials and vehicles. There is a current architecturally designed redevelopment plan for this lot to be converted to secured employee parking and accommodate all

the Automated Motor Pool (AMP) fleet vehicles.

Proj	ect	Na	me:
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Division Name: Location details: Anticipated contract advertisement date: Estimated budget: Description:

North Service Center – Space Renovation

Facilities, Security & Emergency Management 1300 N 97th St, Seattle, WA 98103 3QT - 2019

\$1.2M

Space is at premium at the North Service Center (NSC) both for employee office work stations, employee parking and for outside yard space and has been for quite some time. Modernizing office work spaces is intended to improve employees' work environment, provide work stations that promote better health by providing electric lift tables and improved office seating and ergonomic consideration. SCL work area guidelines encourages work space layouts and design that allow access to windows and natural light for all employees.

The current and existing work stations are out of compliance with the new City of Seattle standards and many finishes are past their useful age and are in an over-worn state and need to be updated. Current City and SCL standards are to pull work stations away from the exterior windows so that natural light is able to enter into all work spaces and allow a more equitable access to an open, airy and natural work environment. The new standard also aims at eliminating overhead bins to encourage open work areas and to help reduce systemic clutter.

Project Name:	South Park Marina Remedial Investigation	
Division Name:	Environment Land & Licensing Unit	
Location details:	South Park Marina, Seattle, WA along the Lower Duwamish Waterway	
Anticipated contract	Advertisement Q2 2019	
advertisement date:	Contract start Q3 2019	
Estimated budget:	\$500,000	
Description:	This contract will be a consulting contract.	
	Environment Land and Licensing will be hiring a consultant to conduct a Remedial Investigation (RI) and prepare a final RI report for the South Park Marina site. The site is adjacent to the Lower Duwamish Waterway and is a state listed cleanup site. At this time it is unknown whether the City will be required to participate in any future actions beyond the RI. This site has shared liability with the Port of Seattle and the South Park marina owners. These parties will be participating in the selection of the consultant. This contract will be for highly specialized environmental characterization.	

Project Name:	South Park Marina Remedial Investigation	
Division Name:	Environment Land & Licensing Unit	
Location details:	South Park Marina, Seattle, WA along the Lower Duwamish Waterway	
Anticipated contract	Advertisement Q2 2019	
advertisement date:	Contract start Q3 2019	
Estimated budget:	\$500,000	
Description:	This contract will be a consulting contract.	
	Environment Land and Licensing will be hiring a consultant to conduct a Remedial Investigation (RI) and prepare a final RI report for the South Park Marina site. The site is adjacent to the Lower Duwamish Waterway and is a state listed cleanup site. At this time it is unknown whether the City will be required to participate in any future actions beyond the RI. This site has shared liability with the Port of Seattle and the South Park marina owners. These parties will be participating in the selection of the consultant. This contract will be for highly specialized environmental characterization.	

Project Name:	Task Oder Unit Price Contract (TOUPS)
Division Name:	Engineering & Technology Innovation Business Unit
Location details:	SCL Service Territory
Anticipated contract	Bid Date: March 2019
advertisement date:	NTP Date: Later April 2019
Estimated budget:	Total Project Costs: \$2,000,000
Description:	Previously call TOPS the TOUPS contract will provide Streetlight Engineering with a single public works contractor to perform streetlight infrastructure replacement projects on an on-call basis. Each project will be initiated by issuance of a work order. This annual contract will have the ability to have multiple projects under construction simultaneously. The work will take place within the SCL service territory.

Project Name:	Underdeck LED Lighting Upgrade: Jackson, King, Dearborn I-5 Overpasses,
	& Cloverdale SR-99 Overpass
Division Name:	Engineering & Technology Innovation Business Unit
Location details:	1. The SR-99 overpass at South Cloverdale Street
	2. The I-5 overpass on South Jackson Street
	3. The I-5 overpass on South King Street
	4. The I-5 overpass on South Dearborn Street
Anticipated contract	Bid Date: February 2019 - Work Location 1
advertisement date:	NTP Date: late March 2019 - Work Location 1
	Bid Date: May 2019 - Work Locations 2 thru 4
	NTP Date: August 2019 - Work Locations 2 thru 4
Estimated budget:	Total Project Costs: \$1,696,418 Construction Costs: \$1,341,018
Description:	The goal of this proposed project is to replace/upgrade the existing low mount underdeck HPS light fixtures at four (4) locations in Seattle to improve light levels, increase public safety, and lower O & M costs.
	Concord Engineering has been hired to provide design services, prepare the public works bid documents and provide construction support for this project.



