DEPARTMENT OF ECOLOGY
State of Washington

FY2016 Stormwater Pre-Construction Grants

Final Offer and Applicant List

November 2015
Publication no. 15-10-046

Publication and Contact Information

This report is available on the Department of Ecology's website at
https://fortress.wa.gov/ecy/publications/SummaryPages/1510046.html

For more information contact:

Water Quality Program
P.O. Box 47600
Olympia, WA 98504-7600

Phone: 360-407-6600

Washington State Department of Ecology - www.ecy.wa.gov

o Headquarters, Olympia	360-407-6000
o Northwest Regional Office, Bellevue	425-649-7000
o Southwest Regional Office, Olympia	360-407-6300
o Central Regional Office, Yakima	509-575-2490
o Eastern Regional Office, Spokane	509-329-3400

If you need this document in a format for the visually impaired, call the Water Quality Program at 360-407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

FY2016 Stormwater Pre-Construction Grants

Final Offer and Applicant List

Water Quality Program Washington
State Department of Ecology
Olympia, Washington

This page purposely left blank.

Table of Contents

Introduction

In June of 2015, the Washington Department of Ecology (Ecology) solicited grant proposals from Phase I and II Municipal Stormwater National Pollutant Discharge Elimination (NPDES) Permitees to develop stormwater retrofit capital construction projects that utilize green retrofit principles to address stormwater problems from existing development. Funding for this program is provided through a variety of stormwater project capital budget appropriations.

This competitive grant program is available only to cities and counties covered by a municipal stormwater NPDES permit. Ports, universities, school or drainage districts, state agencies covered by municipal stormwater permits, or other secondary permittees were not eligible to apply directly for this funding, but could partner with a permitted city or county. For information on local governments covered by the permits and permit requirements, see Ecology's website at: http://www.ecy.wa.gov/programs/wq/stormwater/municipal/index.html

Funding program purpose

Stormwater from existing development is one of the largest contributors of pollution to water bodies in Washington State and results in damage to streams and aquatic habitat. This program is designed to assist municipal permitees in planning and designing stormwater projects that use green retrofit principals to address stormwater issues from existing development. Permitees will be provided with technical assistance from Ecology staff as they develop construction plans which include best management practices that use soils and vegetation to mimic pre-disturbance hydrologic processes of infiltration, filtration, storage evaporation, or transpiration.

Projects designed under this grant program will be reviewed by Ecology engineers, and Ecology-accepted projects will be eligible to compete for construction funding through Ecology's Water Quality Combined Funding Program.

Applicant eligibility

This is a competitive grant program open to all cities or counties in Washington State covered by a NPDES Phase I or Phase II Municipal Stormwater General Permit. Ports, universities, school districts, drainage districts, state agencies, or other secondary permittees were not eligible to apply directly for this funding program but may partner with a permitted City or County.

Grant ceiling and match

Grant funding requests and offers may **not exceed $250,000**. There is no lower limit for proposals. There are **no match requirements** and grant awards will cover 100 percent of eligible costs of the grant offer amount. Applicants could submit multiple project applications, however only the highest ranked proposal from each applicant were funded. If funding is available, and all applicants with a proposal that scored above 600 points have received funding, Ecology will fund additional projects based on project rank.

Eligible projects

Projects designed under this grant program must:

1) Address stormwater issues from existing development,
2) Be designed in accordance with the Stormwater Management Manual for Eastern Washington, Stormwater Management Manual for Western Washington, or equivalent manual, **and**
3) Use soils and vegetation to mimic pre-disturbance hydrologic processes of infiltration, filtration, storage evaporation, or transpiration.

Eligible project costs may include:

- Development of an Ecology Design Report.
- Environmental review and permitting.
- Cultural resource assessments.
- Geotechnical investigations
- Project area surveying and mapping
- Outreach and public notice to property owners and local residents.
- Development of responses to Ecology comments and 90% construction documents.

Evaluation process

Ecology staff evaluated projects for eligibility based on responses provided in the application and materials uploaded into EAGL (Ecology's Administration of Grants & Loans). Projects were evaluated based on the guidelines outlined below. Evaluated proposals must meet a minimum score of 600 to be eligible for funding.

Category	Evaluation Criteria	Maximum Possible Points
Water Quality Benefit (700 points)	Application clearly demonstrates how the area that is proposed for treatment is connected to the water body targeted for improvement.	250
	BMPs proposed are appropriate for treating identified pollutants and the site conditions.	250
	The applicant has a reasonable plan to move forward with construction of the project once the design is complete.	150
Project Feasibility (300 points)	The scope of work demonstrates the applicants understanding of all the planning tasks that must be accomplished to prepare the project for construction.	250
	The planning project schedule is reasonable and includes sufficient time to complete all elements.	150

Ineligible project components

Ineligible projects or project components may include but are not be limited to:

- Construction activities.
- Projects to control flooding that do not provide a water quality benefit.
- Projects that treat runoff from new or re-development.
- Decant facilities.
- Treatment of process water.
- Projects required by court or administrative order or for mitigation.
- Grant application preparation.
- Projects that treat or control run-off from undeveloped or agricultural areas.
- Monitoring.
- Installation of construction BMPs.
- Projects that propose to re-direct water out of the watershed, install conveyance without treatment, or replace culverts to provide for flood control or fish passage.
- Projects that degrade existing wetlands.
- In-stream work.
- Land acquisition.

Grant Management

The following are important terms and conditions that play a role in the day-to-day decisions made on grant projects. A complete listing of the administrative requirements for all grants and loans administered by Ecology is contained in the *Administrative Requirements for Recipients of Ecology Grants and Loans Managed in EAGL*; see: https://fortress.wa.gov/ecy/publications/publications/1401002.pdf.

Administration

Applicants may request reimbursement of up to 15% of the total eligible project cost as Task 1 Project Administration and Management. This task includes the cost of preparing quarterly and final reports and payment requests, maintaining project documentation and managing the project.

Recipients may include an overhead charge of up to 25% of salaries and benefits for employees for time spent specifically on the project.

Agreement development

The funding agreement is the formal written contractual arrangement signed by authorized representatives of the recipient and Ecology. The agreement, at a minimum will include: an approved scope of work, total project costs, a budget, performance schedule and Ecology General Terms and Conditions. Ecology assigns a project management team to each funded project. The team consists of:

- A **project/financial manager** from the Lacey headquarters office (primary contact for technical assistance and day-to-day questions).
- A **project engineer or technical advisor** from either Lacey headquarters or the regional office, as needed.

The Ecology project management team will use information contained in the funding proposal as the basis for developing the funding agreement. It will take less time to develop a funding agreement with a clearly defined project proposal that includes measurable objectives and an accurate budget. Ecology may withdraw or reduce project funding if a task is determined to be ineligible during the negotiation process.

Payment requests and project reporting

All grant payments are made on a reimbursement basis. All projects are required to provide a progress report at least quarterly and with each payment request. Failure to provide adequate and timely progress reports will result in denied payment requests and may result in project termination or other action.

If the recipient fails to submit two or more consecutive quarterly reports via the EAGL grant management system, Ecology may consider this failure to provide progress reports as non-performance and initiate actions to amend or terminate this agreement.

Project completion dates and extensions

Applicants may incur project costs on and after the **effective date of July 1, 2015** however expenditures cannot be reimbursed until the agreement has been signed by Ecology's Water Quality Program Manager. While applicants can incur eligible costs before the agreement is signed, they do so at their own risk.

Projects must be completed no later than March 31, 2017. Extensions may be approved for extenuating circumstances by formal amendment. Extensions will not be authorized for projects that have not diligently pursued project completion or have not provided adequate and timely progress reports.

Applicant List Summary

Ecology received 46 grant applications totaling $8,584,091 in requests for project funding. Based on project eligibility and funding available, Ecology proposes to provide $8,334,091 to fund 45 projects. The priority list of rated projects is available at the end of this publication.

SFY16 Stormwater Preconstruction Final Offer and Applicant List

Rank	Score	Application Number	Applicant Name	Project Title	Funding Award	Project Short Description	Footnotes
1	922.5	WQSWPC-2016-Wenatc-00028	Wenatchee city of	North Wenatchee Stormwater Outfall Removal & Water Quality Improvements	$70,000	This project will complete the planning and design to remove urban stormwater discharges from the Wenatchee River, a 303d listed waterbody, and improve the water quality of the stormwater runoff to a mitigation wetland by passing it through a biofiltration or bioinfiltration best management practice.	1
2	920	WQSWPC-2016-WalWal-00035	Walla Walla city of	Isaacs Avenue Corridor Stormwater Green Retrofit Project	$212,200	Stormwater facilities will be designed to treat and infiltrate stormwater runoff along 1.2 miles of Isaacs Avenue from Penrose Street to Wilbur Avenue. This will effectively eliminate stormwater discharges to the existing piped storm drain system that currently discharges to Mill Creek. This project will also reduce impervious surface area by eliminating unnecessary pavement areas where possible.	1
3	862.5	WQSWPC-2016-SpCoSU-00038	Spokane County - Stormwater Utility	Linwood Basin Water Quality Retrofit Project	$250,000	This project proposes to retrofit existing stormwater facilities in a large basin area located in north Spokane. The new facilities will incorporate water quality BMPs in areas developed prior to the requirement for stormwater treatment. Bio-infiltration swales and Filterra biofiltration units, including conveyance and disposal facilities, will provide complete stormwater management. Expected pollutant removal includes TSS, TPH (oils), metals and phosphorus.	1

4	856.5	WQSWPC-2016-ClydHi-00069	Clyde Hill city of	84th Ave NE Stormwater Retrofit and Pedestrian Improvements	$150,000	The 84th Ave NE Stormwater Retrofit and Pedestrian Improvements project will install a combination of Ecology TAPE approved stormwater facilities and Low Impact Development facilities to provide treatment along 84th Ave NE in Clyde Hill between NE 12th St. and NE 28th St. The cost-efficient project will result in improved stormwater quality in Fairweather Bay Creek which subsequently drains into Lake Washington.	1
5	850	WQSWPC-2016-Spokan-00008	Spokane city of	CSO Basins 14 & 15 Green Infrastructure	$250,000	Stormwater management of CSO Basin 14 and CSO Basin 15 will reduce the amount of stormwater entering the City's combined sewer system (CSS) of Combined Sewer Overflow (CSO) Basin 14 and 15. This project proposes to remove stormwater from the CSS by constructing bioretention facilities to treat and infiltrate runoff.	1
6	844	WQSWPC-2016-Tukwil-00062	Tukwila city of - Public Works	53rd Avenue S Stormwater Retrofit	$246,515	Provide water quality treatment to the maximum extent feasible for existing pollution generating impervious surface within the roadway right of way for 53rd Avenue S between S 144th Street and S 137th Street. The goal of the retrofit is to provide cost effective treatment of the existing roadway surface as part of a pedestrian and bicycle safety improvement project prior to discharge into the Duwamish River.	1
7	836.5	WQSWPC-2016-Shorel-00052	Shoreline city of	10th Avenue NE Stormwater Improvements	$250,000	Project will plan and design stormwater system modifications to improve water quality and drainage capacity along 10th Avenue NE between NE 165th Street and NE 175th Street, a headwater area for Little's Creek, a Thornton Creek tributary. The	1

						project will consist of a combination of bioretention facilities and pipe system improvements.	
8	818.5	WQSWPC-2016-PoulPW-00036	Poulsbo city of - Public Works Department	Noll Road Corridor Stormwater Retrofit	$250,000	The Noll Road Corridor Stormwater Retrofit would maximize water quality treatment of stormwater runoff from a developed urban basin, help normalize stream hydrology via biorentention and treatment wetlands, and compliment this effort with the restoration of degraded stream buffers to a native plant complex. Stormwater runoff from the existing basin currently flows untreated to Bjorgen, Dogfish and Lemolo Creeks, and Liberty Bay.	1
9	817.5	WQSWPC-2016-Ewena-00039	East Wenatchee city of	19th Street NW/Cascade Avenue: Green Retrofit & LID Stormwater Facility	$250,000	This project will improve water quality in the Columbia River by retrofitting roadside ditch systems to conveyance piping in conjunction with roadway improvements including sidewalk, curb, gutter, and catch basins. The conveyance pipe will discharge into a proposed LID facility. This LID stormwater facility will reduce sediment and heavy metal through means of biofiltration and infiltration. The facility will serve 19th Street NW west of SR 28 and a portion of Douglas County's Cascade Avenue.	1
10	817.5	WQSWPC-2016-SpoVal-00002	Spokane Valley city of	Appleway Stormwater Improvements, Farr to University (PE Only)	$140,000	New LID stormwater facilities including swales along both sides of a principal arterial.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

11	816	WQSWPC-2016-KiCoPW-00030	Kitsap County - Public Works	Mickelberry Road Water Quality Treatment	$100,000	Engineering design, survey and utility location identification will be performed to support water quality treatment on Mickelberry Road in Silverdale. Runoff from a medium use urban area will be treated with Filterra units prior to discharge to the Dyes Inlet estuary. Preliminary utility locate information indicates unts can be placed within the sidewalk prism. This project was previously identified as a high priority retrofit in the Silverdale Low Impact Development Plan.	1
12	810	WQSWPC-2016-Fernda-00040	Ferndale city of	Ferndale Terrace Stormwater Improvements Project	$250,000	This a design project to prepare Final (bid ready) Plans, Specifications and Estimates for a retrofit project for water quality improvements within the Ferndale Terrace Right-of-Way between Vista Drive and Hendrickson Avenue in Ferndale, WA. Improvements will be achieved by re-constructing the road to include, to the maximum extent feasible, a pervious pavement system, bioretention facilities, and/or compost amended filter strips.	1
13	800	WQSWPC-2016-Spokan-00010	Spokane city of	TJ Meenach Stormwater with Levy Project	$80,000	The objective of this project is to manage stormwater on TJ Meenach Drive from Northwest Boulevard to Pettet Drive. Currently stormwater in this area drains to the Municipal Separated Storm Sewer System (MS4) which discharges directly to the Spokane River without further treatment.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

14	795	WQSWPC-2016-SpoVal-00009	Spokane Valley city of	Chester Creek Diversions (PE Only)	$100,000	The Chester Creek Diversions project will be to produce a 90% design (PS & E) and to obtain the permitting to remove up to 5 culverts that currently discharge into Chester Creek. Water that is currently piped to Chester Creek north of Dishman Mica Road will be treated by using low impact development (LID), wet weather green infrastructure, and best practices that will decrease the stormwater impact of its facilities on the environment.	1
15	787	WQSWPC-2016-MaryPW-00018	Marysville city of - Public Works Department	Historic Downtown Green Retrofit	$250,000	This proposed project will design appropriate green retrofit stormwater infrastructure in the most effective areas within the Historic Downtown area of Marysville. This retrofit will be designed in order to provide treatment for areas of a basin of existing development that currently discharge stormwater directly to the Ebey Slough, a tributary of Snohomish River untreated. The design would target the use of soils and vegetation that mimic pre-disturbance hydraulic processes.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

16	785	WQSWPC-2016-Olympi-00050	Olympia city of	Green Stormwater Retrofit Designs	$150,000	The Green Stormwater Retrofit Design project will assess feasibility and prepare designs for retrofit projects in designated neighborhood centers and urban corridors within the City of Olympia. Following the goals and policies of the 2015 City of Olympia Comprehensive Plan and the EPA study “Greening America's Capitals” prepared May 2015, pre-construction designs will build on prior planning work aimed at increasing urban green space, protecting aquatic habitat, and improving water quality.	1
17	782.5	WQSWPC-2016-Spokan-00013	Spokane city of	Cochran Biofiltration Facility at TJ Meenach	$150,000	This project will provide stormwater improvements to the City of Spokane’s Cochran Basin; the largest stormwater basin in the City’s urban storm drain system. Runoff within these project limits currently drains to the Spokane River without any treatment. This portion of the larger Cochran Basin project will allow the City to design and construct a biofiltration channel along North TJ Meenach Drive to treat approximately 10% of Cochran basin's stormwater.	1
18	782.5	WQSWPC-2016-Spokan-00026	Spokane city of	CSO Basin 25 Stormwater Separation	$250,000	Separation of stormwater from the CSO 25 Basin	1
19	780	WQSWPC-2016-Spokan-00012	Spokane city of	CSO Basin 34 WSDOT Stormwater Mitigation from I-90	$250,000	Design to separate, treat, and infiltrate Interstate 90 stormwater runoff from the City of Spokane’s combined sewer system.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

20	777.5	WQSWPC-2016-Vancou-00006	Vancouver city of	Burton Channel Residential LID Retrofits	$250,000	This stormwater improvement project in the Burton Ridge and Oakbrook neighborhoods will provide for design engineering of stormwater facilities that will be constructed to capture, treat, and infiltrate approximately 82 acres of urban street runoff currently draining untreated directly into Burton Channel. The City will partner with these neighborhoods to select appropriate and desirable BMP locations and provide information to residents on the water quality benefits of LID.	1
21	760	WQSWPC-2016-Spokan-00011	Spokane city of	N Monroe (Indiana to Cora) Stormwater Project	$80,000	The objective of this project is to manage stormwater on Monroe St from Indiana to Cora. Currently stormwater in this area drains to the Municipal Separated Storm Sewer System (MS4) which discharges directly to the Spokane River without further treatment.	1
22	757.5	WQSWPC-2016-Renton-00058	Renton city of	SE 172nd Street and 125th Ave SE Green Stormwater Infrastructure Project	$250,000	Project will retrofit approximately 2 acres of pollutant generating impervious surface within a residential neighborhood located in the Benson Hill neighborhood of Renton by providing water quality treatment and flow control and infiltration of storm runoff through the use of bioretention swales and permeable concrete sidewalks.	1
23	743.5	WQSWPC-2016-BuriPW-00027	Burien city of - Public Works Department	SW 165th St LID Retrofit Improvements	$70,500	The purpose of this project is to rehabilitate and retrofit a street with zero stormwater management infrastructure, as well as a severely deteriorated roadway, with water quality, flow control, roadway, and conveyance improvements based on LID principles, including pervious pavement and bioretention.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

24	737.5	WQSWPC-2016-GigHPW-00043	Gig Harbor city of - Public Works	Point Fosdick Drive Pedestrian Improvement Project (Project)	$250,000	The Project will provide sidewalk along Point Fosdick Drive which is currently a two lane street without sidewalk. The Project is approximately 1600-ft in length from Briarwood Lane to 36th Street. The Project will incorporate low impact development where feasible, such as porous pavements,bio-retention swales and native plants. The Project will extend the recently completed pervious sidewalk from Briarwood Lane to the sidewalk at the intersection of 36th Street.	1
25	737	WQSWPC-2016-KiCoPW-00042	Kitsap County - Public Works	Silverdale Way Green Street Phases 1 and 2	$250,000	Engineering design, soils analysis, survey, and utility locate will be performed supporting water quality treatment of two nearly adjacent drainage basins along the commercial corridor of Silverdale Way from Bucklin Hill Road to Byron Street. Up to 46 acres of runoff will be designed to the 90% design level for treatment. Runoff treatment will protect aquatic life, water contact recreation and shellfish beds in Dyes Inlet.	1

26	734	WQSWPC-2016-Mukilt-00034	Mukilteo city of	Mukilteo Stormwater Low Impact Development Retrofit Pre-Construction	$171,975	Mukilteo recently completed an Ecology-funded, Watershed-Based Stormwater Retrofit and Pre-Design Plan. A detailed analysis of targeted sub-basins to support site-specific retrofit planning and pre-design work was conducted. The City is requesting additional funds to continue this work to complete pre-construction tasks for two high priority LID facilities. This work would fund a site survey, development of construction documents, design report, environmental permitting, and public outreach.	1
27	729	WQSWPC-2016-Bellev-00064	Bellevue city of	164th NE Impervious Sidewalk Removal and LID Retrofit	$102,700	This proposal offers a unique opportunity to combine efforts of stormwater improvement, remove existing impervious surfaces, and add vegetation to improve neighborhood character. An existing asphalt trail is underused and redundant, and an adjacent grass ditch is over 50 years old and underperforming. The potential addition of a bike lane and crosswalk will improve non-motorized options and potentially reduce runoff pollution as these options are increasingly used by surrounding communities.	1
28	717.5	WQSWPC-2016-PoAnPW-00001	Port Angeles city of - Public Works	City Hall Parking Lot LID Retrofit	$102,000	Permeable pavement and bioretention will be installed at the City Hall parking lot to improve water quality of urban runoff into Peabody Creek, a 303 (d) listed water body for bacteria. This basin is the highest priority in Port Angeles based on a water quality data analysis report and field testing.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

29	713	WQSWPC-2016-WhCoPW-00033	Whatcom County - Public Works Department	Agate Bay Stormwater Improvements	$120,000	This project will design for construction low impact development (LID) stormwater control facilities and stormwater treatment BMPs designed to remove phosphorus and bacteria in urban runoff draining to Lake Whatcom from 240 acres in the Agate Bay sub-watershed. Several different methods of treatment and infiltration will be implemented to reduce phosphorus loading and other pollutants to Lake Whatcom. Runoff that is not infiltrated will be treated in filter systems at key locations.	1
30	692.5	WQSWPC-2016-BrePRD-00031	Bremerton city of - Parks and Recreation Department	Bremerton Retrofit of Lions Park Boat Launch and Parking Lot & Dock Removal	$250,000	The project will reduce stormwater contaminants from flowing into the Washington Narrows and Dyes Inlet of Puget Sound which will result in better water quality for ESA-listed marine life and shellfish beds in the area. The project will result in construction-ready designs for retrofitting the Lions Park boat launch and parking area with bio-filtration systems, while also designing for the removal of 120 creosote-coated pilings and a rotten, 75 year old dock.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

31	692.5	WQSWPC-2016-Burlin-00005	Burlington city of	Pine Street Pervious Concrete Shoulders	$234,530	This project will provide for planning, permitting, and design of pervious concrete to replace gravel shoulders. By reducing impervious area and treating storm water through the soils cation exchange, water quality will improve (Gages Slough, Skagit River, Puget Sound). This is the second project in an effort to reduce the amount of City owned impervious gravel surfacing. The first project, designed using $120K ecology grant will be constructed in 2016 also using an ecology grant.	1
32	690	WQSWPC-2016-LyndPW-00053	Lynden city of - Public Works Department	Judson Street Downtown Low Impact Development Demonstration Project	$120,000	The Judson Street project will plan for and design low impact development retrofits for an approximately five square block area of existing older neighborhood in downtown Lynden. This project will be completed concurrently with development of City Municipal Code and adoption of LID Design Standards and serves as a demonstration of applicable LID techniques including enhanced treatment Best Management Practices to improve water quality.	1
33	690	WQSWPC-2016-MaVaPW-00077	Maple Valley city of - Public Works	Witte Road SE Phase 4 Street Improvements	$75,000	The purpose of this project to add sidewalk and bike lanes to existing road-Witte Road SE. Other improvement include modifying the intersections at SE 256th St and 220th Ave SE to improve traffic flow. The use of Low Impact Development BMP will be considered.	1
34	690	WQSWPC-2016-Milton-00056	Milton city of	City Hall Campus Stormwater LID Retrofit	$250,000	The City of Milton will replace the parking lots at the Milton City Hall Campus with pervious concrete. The project will evaluate the feasibility of infiltrating 100% of the runoff onsite. The project will also provide	1

						rain gardens to infiltrate roof runoff from the administration building and activity center to the extent feasible. This project will provide water quality benefits to Hylebos Creek, a 303(d) listed surface water.	
35	687.5	WQSWPC-2016-PoAnPW-00014	Port Angeles city of - Public Works	16th Street LID Retrofit	$160,000	Permeable pavement and natural dispersion techniques will be designed on 16th Street to improve water quality of urban runoff into Tumwater Creek, a 303 (d) listed water body for bacteria.	1
36	682.5	WQSWPC-2016-GigHPW-00047	Gig Harbor city of - Public Works	50th Street Pedestrian Improvement Project	$250,000	The 50th Street Pedestrian Improvement Project (Project) will provide sidewalk along 50th Street which is currently a two lane paved street without any sidewalk. The Project is approximately 600-ft in length and will incorporate low impact development where feasible such as porous pavements, bio-retention swales and appropriate native plants. The Project will include porous sidewalk on both sides of the street from KLM Veteran's Memorial Park to 38th Avenue.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

37	682.5	WQSWPC-2016-ThCoRS-00004	Thurston County - Resource Stewardship Department	Woodard Creek Basin Stormwater Retrofit Site 1	$96,600	The project site is located within a sub-basin to Woodard Creek that is developed with rural roads and residential land uses. In the current condition, runoff does not flow through any water quality BMPs prior to discharging into Woodard Creek. The creek flows north and discharges into Woodard Bay and then Henderson Inlet which has a bacteria, DO, pH, and temperature TMDL. The project will install biofiltration swales and a modular wetland to treat the runoff.	1
38	670	WQSWPC-2016-TacoES-00032	Tacoma city of - Environmental Services Department	Retrofit existing poor performing biofiltration swales to bioretention	$172,500	Complete feasibility Investigation and design to retrofit two existing poor performing biofiltration swales to bioretention to enhance performance and aesthetics. The City has identified two existing biofiltration swales that were built between 2004 and 2010 for evaluation and possible upgrade to bioretention facilities. As part of the evaluation, a geotechnical investigation will be undertaken to determine the feasibility for infiltration at the sites or if underdrains will be required.	1
39	662	WQSWPC-2016-Renton-00055	Renton city of	NE 16th St - Jefferson Avenue NE Stormwater Green Connection Project	$250,000	Proposed project will design flow reduction and water quality treatment facilities for approximately 2,100 linear feet of roadway to include bioretention facilities, a storm conveyance system and permeable concrete sidewalks to retrofit NE 16th St (between Harrington Ave NE and Jefferson Ave NE); and Jefferson Ave NE (between NE 16th St and NE 12th St) in the Sunset Area Community by designing sidewalk improvements along an existing roadway where most feasible.	1

40	652.5	WQSWPC-2016-ChCoPW-00051	Chelan County - Public Works Department	Squilchuck Creek Basin Stormwater Retrofit	$200,000	Chelan County proposes to investigate opportunities to improve water quality within the Squilchuck Creek Basin. Within this 100 acre basin, the stormwater system provides only conveyance, for which untreated stormwater is discharged into Squilchuck Creek. There is not any dedicated water quality treatment for this system. Land uses range from residential, commercial, and industrial activities. The County is seeking pre-construction funding to investigate stormwater retrofit opportunities.	1
41	635	WQSWPC-2016-KiCoPW-00015	Kitsap County - Public Works	Blaine Avenue Stormwater Treatment Wetland	$250,000	The Blaine Avenue Treatment Wetland project would maximize water quality treatment of stormwater runoff from a developed 14 acre urban basin, normalize hydrology via an engineered wetland, and compliment this effort with the restoration of degraded estuary buffer to a native plant complex. Stormwater runoff from the existing basin currently flows untreated directly to Dyes Inlet in Silverdale, Kitsap County.	1
42	622.5	WQSWPC-2016-Richla-00079	Richland city of	Meadow Springs LID Stormwater Project Et Al	$120,000	This project will improve water quality in the Columbia River through installation of a water quality facility. This project will provide treatment for Total Suspended Solids (TSS), Oil (Total Petroleum Hydrocarbons), Dissolved Copper, Dissolved Zinc, and Total Phosphorus and will also reduce flows to Columbia River by increasing stormwater infiltration and providing stormwater detention.	1

SFY16 Stormwater Preconstruction Final Offer and Applicant List

43	620	WQSWPC-2016-EverPW-00072	Everett city of - Public Works Department	Reduction of CSOs at Two Snohomish River Outfalls through GSI	$247,550	This project will identify, evaluate, and design Green Stormwater Infrastructure (GSI) projects in two combined sewer collection basins (SR07 and SR08) to reduce Combined Sewer Overflows (CSOs) from these outfalls into the Snohomish River to the regulated limit of one per outfall per year. Reducing CSO into the Snohomish River will reduce pollutant contributions and improve water quality. Projects will be constructed in 2017 to meet the requirements of the city's NPDES Permit and Agreed Order.	1
44	619.5	WQSWPC-2016-PuyaPW-00046	Puyallup city of - Public Works	WSU LID Frontage Improvements-Phase 4B	$181,108	The work includes construction of approximately 750 linear feet of permeable roadway. Improvements will widen the existing roadway from four lanes to five lanes to include a center two-way left turn lane. Other work elements include construction of concrete traffic curb, planter strip, pervious concrete sidewalks, cement concrete driveway approaches, luminaires, miscellaneous utility improvements, culvert replacement, and wetland mitigation.	1
45	612.5	WQSWPC-2016-Anacor-00076	Anacortes city of	Anacortes LID Demonstration Downtown Commercial and Clyde Creek Residential	$180,913	The City of Anacortes is applying to this program in anticipation of acquiring funding to design LID stormwater retrofit projects in two distinct land use areas to address stormwater issues from existing development. The proposed projects will be developed concurrently with existing Capital Improvement Plans and the incorporation of LID will serve as a demonstration to the community and developers.	1

46	598	WQSWPC-2016-KCWLRD-00007	King County - Water and Land Resources Division	Hylebos Creek Tributary 0006 Small Basin Retrofit Planning and Design	$0	This project will create a basin-wide stormwater retrofit plan for the Hylebos Creek Tributary 0006 stream basin; develop predesigns for at least two identified retrofit projects and 90% design plans for at least one retrofit project; and advance an outcome-based, systematic approach to stormwater retrofitting of another degraded stream basin in King County.	2
				Total	$8,334,091		

Footnotes

1. Maximum grant award. Final grant award will be determined through the grant agreement negotiation process and limited to eligible grant expenses.
2. Project proposal did not attain the required minimum score of 600 to be eligible for funding.