July 31, 2014

ADDENDUM NUMBER 2
PS-10 REHABILITATION / PS-5 & PS-6 WETWELL COATING

Attention: **ALL BIDDERS AND PLAN HOLDERS**

You are hereby notified that the project specifications for the above referenced project are revised and supplemented as follows:

REVISION NUMBER	REVISION SUMMARY	Revised Plan Sheet, Revised Specification Page, or Revised Document
1	Revises the Bid Opening Date from August 1st, 10:00 AM to August 4th, 1:00 PM	Replace pages LD-7 and LD-8 with new pages LD-7 and LD-8
2	Revises Special Provision 1-07.24 Rights of Way with new Special Provision 1-07.24 Rights of Way.	Replace page SP-21 with new page SP-21
3	Replaces Paragraph 1.03.A.12 of Specification 02105, Temporary Sewage Bypass, with a new Paragraph 1.03.A.12.	Replace pages 02105-2 and 02105-3 with new pages 02105-2 and 02105-3.

This addendum forms a part of the Contract Documents and modifies the original Plans and Specifications, for which proposals are now due no later than **August 4th, 2014, Monday, 1:00 p.m.**

Acknowledge receipt of this addendum on the Proposal form of the Bid Documents in the Contract Documents.

PROPOSAL WILL BE CONSIDERED IRREGULAR AND WILL BE REJECTED IF RECEIPT OF ADDENDUM IS NOT ACKNOWLEDGED

City of Fife
Public Works Department

By: _____
Russ Blount, P.E.
Public Works Director

INVITATION FOR BIDS

Notice is hereby given that sealed bids will be received by the City of Fife at City Hall up to the hour of 1:00 p.m. on August 4th, 2014, for the City of Fife **PS-10 Rehabilitation / PS-5 and PS-6 Wetwell Coating** and will then be opened and publicly read. City Hall located at **5411 23rd Street East, Fife, Washington**. Proposals received after **1:00 p.m.**, on **August 4th, 2014**, will not be considered.

The PS-10 Rehabilitation includes the following:

- Install primary and secondary vaults and conduit to route primary power around the pump station site, as well as serve the pump station with 460 V power. Tacoma Power will install the primary and secondary cabling as well as the transformer.
- Install temporary sewage bypass pumping systems at the pump station to allow the station to be taken out of service.
- Install water system isolation valves and other improvements at the east and west ends of the site to allow isolation and protection of a water main located immediately south of the pump station site.
- Install shoring between the pump station site and Industry Drive to allow the installation of the new valve vault and buried piping.
- Remove and replace the pumps in the existing wetwell, including a new electrical and control system.
- Construct new cover slabs with aluminum hatches over the wetwell and the new valve vault.
- Construct a weather cover over the new electrical area and a bollard/curb feature to protect the weather cover from damage.
- Replace curb and gutter along Industry Drive, construct curb ramp, patch and overlay damaged road and parking areas.

The PS-5 and PS-6 Wetwell Coating improvements include the following:

- Install temporary sewage bypass pumping systems at the pump stations to isolate the wetwell.
- Remove the existing polyurea coating in the wastewater pump station wetwells.
- Inspect the wetwell wall and floor areas for groundwater leakage, seal all leaks by injection grouting, and repair damaged concrete to restore original shape (under a force account arrangement).
- Perform a TV inspection of the 36-inch diameter influent line at both stations.
- Prepare concrete and metal surfaces in the wetwell and the piping in the valve vaults with abrasive blasting or high pressure water jetting, and apply new coatings to the prepared surfaces.
- Install a wetwell mixing/aeration system for controlling odors and grease collection at both stations.
- Replace the existing 20-inch diameter flow meter at PS-6.
- Patch and overlay damaged roadway areas near the bypass manholes.
- Bid Alternative No. 1A and 1B: Install a cured-in-place liner in the 36-inch diameter influent pipeline at both stations

All work shall be in accordance with the Contract Documents, City of Fife Standards, and WSDOT 2014 Standard Specifications. Pierce County prevailing wage requirements are in effect.

Bidder's Qualification Criteria:

The Contracting Agency has established project specific supplemental criteria, in accordance with RCW 39.04.350(2), for determining Bidder responsibility. The apparent two lowest Bidders will be requested to

submit to the Contracting Agency within 48 hours of the official bid tabulation by the City, project descriptive data and Owner contact information for the following:

- Two projects completed since 2010 that included a minimum of 1,000 square feet of epoxy-based or polyurethane-based concrete coating.
- Two projects completed since 2010 that included excavation for a pump station structure that required the installation of a dewatering system (sump-only systems excluded) and operating pumps, piping, and electrical equipment.

Details of the Bidders Qualification Criteria requested are provided in the bid documents.

Pre-Bid Meeting:

A pre-bid meeting will be held on July 15th, with strict adherence to the following schedule:

- 9:00 to 9:45 AM—PS-10, 3949 Industry Drive E
- 15 minute travel time
- 10:00 to 10:45—PS-5, Corner of 20th St E and 20th St Drive
- 15 minute travel time
- 11:00 to 11:45—PS-6, 4402 20th St E

Attendance at the meeting is not mandatory, however this will be the only opportunity for bidders to visit the sites. Hatches will be opened over the wetwell, valve vault, and the meter vault. Attendees are to bring their own personal protective equipment.

Bid Submittal Instructions:

Plans, specifications, and addenda may be viewed and obtained online at www.bxwa.com. Click on: "Posted Projects," "Public Works," "City of Fife," and "Projects Bidding." The plan holder's list is maintained by Builder's Exchange of Washington, Inc. Registration for the plan holder's list may be made online, by phoning (425) 258-1303, or at Builder's Exchange of Washington located at 2607 Wetmore Ave, Everett, WA. The documents are also available at the City of Fife's website at http://www.cityoffife.org/?p=city_departments&a=public_works&b=project_bids_and_awards.

All bids shall be submitted on the prescribed Bid Forms and in the manner as stated in this invitation and in the Bid Document and said bids shall be accompanied by a bid deposit in the form of cash, cashier's check, certified check, postal money order, or a surety bond to the City of Fife in the amount of five percent (5%) of the total amount of the bid. **Bid Bonds submitted on other than the bond form provided by the City may be subject to rejection. Faxed bids and/or surety bond will not be accepted.**

Bids must be submitted in a sealed envelope with the outside clearly marked "sealed bid" with the bid opening date and time, and the project name as it appears in this invitation and the name and address of the bidder. Bids shall be addressed to the **City Clerk, City of Fife-5411 23rd Street, Fife, WA 98424.**

The City of Fife reserves the right to reject any or all bids and to waive irregularities in the bid or in the bidding.

No Bidder may withdraw his proposal after **1:00 p.m., August 4th, 2014,** or before award of Contract, unless said award is delayed for a period exceeding sixty (60) days.

Liquidated Damages: The Project must be physically completed within 260 working days. Liquidated damages of $1,000.00 will be assessed for each calendar day of delay in completion of the Project.

Phone inquiries regarding the project may be directed to **Russ Blount, P.E., (253) 896-8677 or email at Rblount@ cityoffife.org** or **Ken Gill, P.E., (253) 922-9315 or email at KGill@cityoffife.org.**

Carol Etgen
City Clerk

1-07.23 Public Convenience and Safety

1-07.23(1) Construction Under Traffic

(******)

The second paragraph of this section is to be revised as follows:

The Contractor shall maintain existing roads, streets, sidewalks, and paths within the project limits, keeping them open, and in good, clean, safe condition at all times. Deficiencies caused by the Contractor's operations shall be repaired at the Contractor's expense. Deficiencies not caused by the Contractor's operations shall be repaired by the Contractor when directed by the Engineer, at the Contracting Agency's expense. The Contractor shall also maintain roads, streets, sidewalks, and paths adjacent to the project limits when affected by the Contractor's operations. Snow and ice control will be performed by the Contracting Agency on all projects. Cleanup of snow and ice control debris will be at the Contracting Agency's expense. The Contractor shall remove or repair any condition resulting from the work that might impede traffic or create a hazard.

All costs for work described in this section 1-07.23 will not be measured for separate payment, but shall be included in the lump sum price for "Project Temporary Traffic Control".

1-07.24 Rights of Way

(October 1, 2005 APWA GSP)

Delete this section in its entirety, and replace it with the following:

Street right of way lines, limits of easements, and limits of construction permits are indicated in the Plans. The Contractor's construction activities shall be confined within these limits, unless arrangements for use of private property are made.

Generally, the Contracting Agency will have obtained, prior to bid opening, all rights of way and easements, both permanent and temporary, necessary for carrying out the work. An exception to this is the construction easement necessary for PS-10, specifically the parking lot area north of the pump station site.

Contact Information for this property owner is as follows:

Jo Ann A. Bahian, Property Manager, Prologis, Inc.
12720 Gateway Drive, Suite 110
Tukwila, Washington, 98168
(206) 414-7615
e-mail: jbahian@prologis.com

The Contractor shall be responsible for providing, without expense or liability to the Contracting Agency, any additional land and access thereto that the Contractor may desire for temporary construction facilities, storage of materials, or other Contractor needs. However, before using any private property, whether adjoining the work or not, the Contractor shall file with the Engineer a written permission of the private property owner, and, upon vacating the premises, a written release from the property owner of each property disturbed or otherwise interfered with by reasons of construction pursued under this contract. The statement shall be signed by the private property owner, or proper authority acting for the owner of the private property affected, stating that permission has been granted to use the property and all necessary permits have been obtained or, in the case of a release, that the restoration of the property has been satisfactorily accomplished. The statement shall include the parcel number, address, and date of signature. Written releases must be filed with the Engineer before the Completion Date will be established.

8. The discharge lines of the duty pump and backup pump shall connect together in the vicinity of the bypass pumps, and a single discharge line shall extend to the connection to the forcemain downstream of the wetwell, as indicated in the Contract Drawings.
9. The discharge lines of the duty pump and backup pump shall be equipped with check valves to isolate each of the pumps from the common discharge line.
10. The bypass pipe connection at the designated forcemain connection is to have a shut-off valve to isolate the bypass system from the existing piping.
11. Comply with local noise level rules, regulations and ordinances. Each internal combustion engine used on the job shall be equipped with a critical grade muffler. Maximum noise levels of equipment shall not exceed 69 dBA at 30 ft.
12. Contractor shall assign a knowledgeable, trained worker to be the bypass system operator of the temporary sewage bypass system.
    a. The bypass system operator will be responsible for the proper operation of the bypass system 24 hours per day.
    b. The City is to be provided this worker's contact number to call in the event a high water alarm (as indicated with the activation of the emergency beacon on the bypass pump) occurs after normal work hours.
    c. The bypass system operator is to respond to an emergency notification by quickly determining the cause and implementing corrective procedures, including mobilizing other resources (per the following paragraph).
13. Maintenance and repair support for the sewage bypass pumps is to be available at the project site within 1 hour after notification, 24 hrs per day, 7 days a week.

B. The required flow capacity of the temporary sewage bypass systems for each pump station is indicated on the Contract Drawings.

PART 2 PRODUCTS

2.01 SEWAGE BYPASS PUMPS

A. Temporary sewage bypass pumps shall be diesel engine driven non-clog pumps, Godwin Pumps, as rented by Xylem, Kent, WA, or approved equal.

B. Sewer Plugs:
1. Sewer plugs for PS-5 and PS-6 are to have a through-pipe of a minimum of 8-inches in diameter, equipped with a blind flange.
2. Sewer plugs for PS-10 are to have a through-pipe of a minimum of 4-inches in diameter.
3. Plugs are to be manufactured by Lansas, or approved equal

PART 3 EXECUTION

3.01 TEMPORARY SEWAGE BYPASS

A. General:
1. When possible, plan and execute the work to install the temporary sewage bypass system during normal working hours.
2. Do not undertake any work to install the temporary sewage bypassing system until all specified submittals have been submitted and reviewed.
3. The work requiring temporary sewage bypass flow shall be executed vigorously to limit the amount of time the temporary system is in operation.
4. Coordinate with the Project Engineer for approval of extended work hours if this is desired.

B. Provide 48 hours notice to the Project Engineer as well as to the City for the installation of the temporary sewage bypass system. Keep the Project Engineer and the City informed of any changes in the schedule.

C. PS-5 and PS-6 Bypass System Installation
   1. Coordinate with the City when planning to install the temporary suction pipe in the bypass manholes upstream of PS-5 and PS-6 to have the City shut off upstream pump stations that have forcemains that discharge into the bypass manholes. The pumps stations can be shut down, utilizing available storage capacity in the sewage collection system, for the following time periods under most conditions:
      a. PS-5 Bypass Manhole: PS-6 can be shut down for 2.5 hours.
      b. PS-6 Bypass Manhole: PS-8 can be shut down for 2.5-3.0 hours. PS-12 can be shut down for 3.0-4.0 hours.
   2. The Contractor is to plan the installation of the temporary suction pipe in the bypass manholes in stages between the necessary operation of the upstream pump stations.
   3. City crews will be on-site when the Contractor desires to initiate the operation of the temporary sewage bypassing system.
   4. The Contractor is to demonstrate the proper operation of the control system for the sewage bypassing system, including all alarms.
   5. After the start-up of the sewage bypassing system and the proper operation of the system has been demonstrated, the City will complete the shut-down of the pump station, and vactor liquid wastes remaining in the wetwell.
   6. The City will then remove the existing submersible pumps and related level switches from the wetwell.

D. The Contractor shall be liable for all cleanup, damages, and resultant fines in the event of a wastewater spill.

E. Equipment:
   1. Provide pumps, piping, valves, and other equipment necessary to construct the temporary sewage bypass system.
   2. Furnish the necessary labor and supervision to set up and operate the sewage pumping and bypass system while work is being performed in the wetwell.

F. Provide 48 hours notice to the Project Engineer as well as to the City for the removal of the temporary sewage bypass system. Keep the Project Engineer and the City informed of any changes in the schedule.

G. PS-5 and PS-6 Bypass System Removal:
   1. After acceptance of the work requiring a sewage bypass has been obtained, the Contractor is to coordinate with the City on the re-installation of the pumps and level controls in the wetwell.
   2. After the removal of the upstream sewer plug and the City's successful start-up of the pump station, remove the temporary suction pipe in the bypass manholes upstream of PS-5 and PS-6. Coordinate with the City for the shut off upstream pump stations as described previously for the installation of the temporary suction pipe.
   3. The Contractor is to plan the removal of the temporary suction pipe in the bypass manholes in stages between the necessary operation of the upstream pump stations.
   4. Remove the temporary bypass pipe connection to the piping manifold in the valve vault.
   5. Haul all temporary piping, pumps, and other bypass equipment from the site.

3.02 RESTORATION AND REPAIR

A. Repair any damage that may result from the installation, maintenance, and operation of the sewage bypassing system.

END OF SECTION