



### **Agenda Action Form Overview**

The Board is requested to approve an amendment to the existing Xylem d/b/a Godwin Pumps services contract in the amount of \$123,500 for a total contract value of \$153,500 to continue to provide emergency pumping services at the Stirrup Iron Creek Lift Station and to authorize the County Manager to execute the amendment with Xylem d/b/a Godwin Pumps.

### **Background/Justification**

On May 29, 2018 both 200 HP wastewater pumps failed at the Stirrup Iron Creek Lift Station. The remaining 70 HP wastewater pump remained in service but was not capable of handling wastewater flow during high flow events (i.e. severe weather). Xylem was immediately contacted as our emergency pumping vendor to provide assistance. Xylem delivered one diesel pump on May 29, 2018 and delivered an additional submersible bypass pump on May 31, 2018. Additionally, both 200 HP pumps were sent for repair to Pete Duty and Associates.

On June 28, 2018, Durham County received one repaired 200 HP pump and Xylem removed the diesel pump from the site. Pete Duty and Associates noted the second 200 HP pump was a total loss and was not repairable. The submersible bypass pump has remained continuously in service since May 31, 2018.

It is critical for the submersible bypass pump to remain in service until a new 200 HP wastewater pump is purchased and installed to remain compliant with Department of Environmental Quality (DEQ) regulations and minimize the risk of a sanitary sewer overflow. North Carolina DEQ require pump stations shall be equipped “with multiple pumps such that peak flow can be pumped with the largest pump out of service” (15A NCAC 02T .0305). Additionally, Durham County’s Collection System Permit (WQCS00038, Section I.7) outlines similar requirements. As the 70 HP pump alone is insufficient, a second standby pump is required.

The temporary submersible pump should remain in service until completion of the Stirrup Iron Creek Lift Station Capacity Improvements (IFB 18-029R1) project. Upon completion of IFB 18-029R1, the pump station will have three 200 HP pumps in service. The anticipated completion date for the project is late April or early May of 2019. The lead time on purchasing a new pump and scheduling installation is comparable to the completion of the construction project. Additionally, as the concrete pump bases are suspected to be the cause of the pump failures, it would be prudent to wait until the completion of IFB 18-029R1 to identify any issues before installation of a new pump.

### **Policy Impact**

This action is in accordance with Durham County Strategic Plan Goal 4: “Environmental Stewardship and Community Prosperity,” as this project will continue to minimize the risk for a sanitary sewer overflow at the Stirrup Iron Creek Lift Station due to insufficient pumping capacity. Additionally, this action will allow Durham County to stay in compliance with the County’s Collection System Permit and DEQ regulations.



**Procurement Background**

**Type of purchase**

- ☐ Goods
- ☒ Services
- ☐ Architect, Engineer or Surveyor Services
- ☐ Construction and Repair

**Did this request for purchase go through a bid process? Yes ☐ No ☒**

*Goods: Bids required if  $\geq \$30,000$ , BOCC approval if  $\geq \$90,000$*

*Services: Bids required if  $\geq \$30,000$ , BOCC approval if  $> \$40,000$*

*Construction/Repair work: Bids required if  $\geq \$30,000$ , BOCC approval if  $\geq \$500,000$*

If yes, attach a copy of bid tab and the minority and women business enterprise (MWBE) compliance review form provided by the Purchasing Division.

If no, why?

- ☐ Sole source exemption
- ☐ Cooperative purchasing program exemption
- ☐ State and federal contract exemption
- ☒ Contract is an amendment to an existing contract
- ☐ Other (please explain)

**If exempted from bidding, has this request been reviewed and approved by the Purchasing Division in the agenda Legistar system? Yes ☒ No ☐**

If no, why?

**Fiscal Impact**

The service contract will be funded through the Enterprise Fund and should not exceed \$153,500.

**Recommendation**

The County Manager recommends the Board approve the amendment to the existing Xylem d/b/a Godwin Pumps services contract in the amount of \$123,500 for a total contract value of \$153,500 to continue to provide emergency pumping services at the Stirrup Iron Creek Lift Station and to authorize the County Manager to execute the amendment with Xylem d/b/a Godwin Pumps.