

Additional Funding Request **Invoice**

VA049	CSS# 23919 WO# 11785 Asset# NA
<p>Description of Repairs</p> <p>Labor and Materials to disassemble, clean flange, replace gaskets, and reassemble leaking pump.</p> <p>***Update - Arrived on site to perform work. Found that one of the isolation valves that is needed to isolate the pump does not hold. Additional funds are needed to now shut off main water valve to building and replace the isolation valve in addition to the original scope.</p> <p>*****Update - Once pump was disassembled it was found that the impeller was broken and the pump required replacement. The seal kit was still used in order to stop the pump from leaking while a new pump was ordered. Pump replacement is covered under CSS 24823 WO 12167 however 10 hours of labor are included from it on this ticket to keep both under \$2500.</p> <p>Detailed Timeline of Events (Covers CSS 24823 and CSS 23919):</p> <p>March 5th- Shut off gate valves to isolate pump to remove old gasket and install new gasket. Found, gate valve at supply side didn't seat to cut water supply to pump. Had to order new valve.</p> <p>April 17th- Found external room gate valves on domestic water supply main didn't shut water supply on domestic side off to the building. I came to this conclusion after draining system with valves in the seated shut off position for 1.5 hours. I made Mark Anderson aware and asked for plumbing schematics. Mark contacted Scott Grenier. Scott said he would find the plans and email them to me. I continued walking the exterior of the building looking for the primary water valve access for the building. To isolate water supply due to main gate valves at building not working. Once I received the original plumbing schematics, I located the street level water main. And had to acquire a larger water key to shut water off.</p> <p>April 20th - Documented external room leaking gate valves, when in seated position. Picked up water key. Shut water off at street main water shut off. Drained system for 1.5 hours. Removed pump in mechanical room, found pump impeller broken in pieces inside pipe. Cleaned old gasket out of flange seal, replaced with new flange gasket. Re installed pump with new gasket, to stop original leak for service call. Removed old gate valve to isolate pump and found gate valve stem rusted and seized inside pipe, broken in the position not to shut water off to pump. Attempted to extract seized and broken stem from inside water line. To install new gate valve and turn water back on to the building. Was unable to remove seized stem from inside water line.</p>	

	<p>Determined to remove 10 in section of 1in water line and install new ball valve shut off was efficient to expedite the repair. Ordered new 1in ball valve and 1in copper piping.</p> <p>April 21st Picked up parts (1in copper water line, fittings to turn water back on to supply building). Arrived at site gained access. Removed broken gate valve and piping. Installed new fittings and 1in copper water line. Turned water back on at street level. Returned to mechanical room upstairs to check for leaks and test water pressure. Labeled external room gate valve not to be opened, and labeled water key in external valve room. Made Mark Anderson aware of what was done, and where water key was.</p> <p>April 23rd - Returned with 1in ball valve. Turned water off to building at street. Drained system for 1 hour. Opened water line, installed new 1in ball shut off valve. Turned water main back on, checked for leaks. Tested water supply pressures.</p> <p>May 1st - Picked up new pump, returned to site, installed new flange gasket and pump. Turned water back on. Checked for leaks. Wired pump to power from junction box. Checked water supply pressures. Cleaned up area, notified personnel of work completion.</p>															
Diagnosis: Initial Work Order	Low water pressure. toilet not flushing properly.															
Diagnostic Fee	\$240															
Additional Labor Cost to Perform Repairs	<p>\$ 1600</p> <p>TW Labor 20 hours @ 80/hr</p>															
Additional Material Cost to Perform Repairs	<p>\$245.20</p> <table border="1"> <tr> <td>Rebuild Seal kit Bell and Gossett - 6HKZ3</td> <td>1</td> <td>\$189.72</td> <td></td> <td>\$189.72</td> </tr> <tr> <td>Sales Tax</td> <td></td> <td></td> <td></td> <td>\$9.49</td> </tr> <tr> <td>Gate Valve 5JLU6</td> <td>1</td> <td>\$45.99</td> <td></td> <td>\$45.99</td> </tr> </table>	Rebuild Seal kit Bell and Gossett - 6HKZ3	1	\$189.72		\$189.72	Sales Tax				\$9.49	Gate Valve 5JLU6	1	\$45.99		\$45.99
Rebuild Seal kit Bell and Gossett - 6HKZ3	1	\$189.72		\$189.72												
Sales Tax				\$9.49												
Gate Valve 5JLU6	1	\$45.99		\$45.99												
Total Cost of Repair	\$ 2,085.20															



WORK INVOICE

CSS #: **23919**

Work Order #: **11785**

Emergency

Urgent

X

Routine

Company Name:	Tidewater, Inc.	Facility ID:	VA049
Contractor POC:	Adam Colopy		
Telephone No:	740-819-6207	Building/Location; (e.g., Classroom/Room #)	Mech Room
E-Mail Address:	adam.colopy@tideh2o.net		
Assigned Technician(s):	Richard Walker		

DESCRIPTION of WORK and EXPLANATION for REPAIRS or REPLACEMENT

Labor and Materials to disassemble, clean flange, replace gaskets, and re assemble leaking pump.

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*****Update - Once pump was disassembled it was found that the impeller was broken and the pump required replacement. The seal kit was still used in order to stop the pump from leaking while a new pump was ordered. Pump replacement is covered under CSS 24823 WO 12167 however 10 hours of labor are included from it on this ticket to keep both under \$2500.

LABOR/MATERIAL		MATERIAL/ SUB UNIT DOLLAR AMOUNT	LBR/HR \$80	LINE ITEM TOTAL DOLLAR AMOUNT
ITEM	QUANTITY			
Labor			6	\$480.00
Rebuild Seal kit Bell and Gossett - 6HKZ3	1	\$189.72		\$189.72
Sales Tax				\$9.49
Gate Valve 5JLU6	1	\$45.99		\$45.99
Additional Labor Needed			4	\$320.00
Additional Labor from CSS 24823 WO 12167 (to keep under 2500)			10	\$800.00
Diagnostic Labor			3	\$240.00
SUB-TOTAL COSTS:		Materials Total	\$245.20	Labor \$1,840.00
		TOTAL		\$2,085.20

CERTIFICATION OF WORK SERVICE CALL

(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: VA049 Date of Visit: 4/29/2020

Contractor Personnel on Site:

1. <u>Richard Walker</u>	4. _____
2. _____	5. _____
3. _____	6. _____

Service Call Number

CSS# 23919 / 24823 WO# 11785 / 12167

Description of Repairs

Installed new 1in ball valve domestic water shut off, and installed new pump and flange gasket and oiled new pump. Turned power back on to pump and checked for operating status, pump is working with no leaks. Purchased water main shutoff key and left in exterior valve room for facility. Also, verified that that the water pressure was at proper levels and all plumbing fixture are working properly.

CERTIFICATION OF WORK

To be signed by the Contractor:

Print Name: Richard Walker Date: 4/29/2020

Signed: 

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: _____ Date: _____

Signed: ONY.1007219551 Digitally signed by
GRENIER.SCOTT.ANTH Date: 2020.05.04 08:52:41 -04'00'

E-Mail: _____

