

**Amendment
City of Corpus Christi
Purchasing Division**

Date: June 6, 2017

Service Agreement: Preventative Maintenance of the Breakpoint Chlorination System

Amendment No.: 2

Service Agreement Current Value: \$242,810.00

The **City and Grace Water Services, LLC**, are parties to the above-described Service Agreement, which, together with this Amendment No. 2 and all previously executed amendments, if any (collectively, the "Service Agreement"), constitutes the entire agreement and understanding between the parties. By execution of this Amendment No. 2, the parties desire to modify the Service Agreement as follows:

I.


The parties agree to exercise the option to extend the Service Agreement, which provides for preventative maintenance of the breakpoint chlorination system ("System"), for another 24-month period beginning August 13, 2017, and ending at midnight on August 12, 2019. Due to Contractor's increased costs, preventative maintenance for the 2017-2019 extension period is \$209,601.00 in accordance with Quote #015922OSO ("Exhibit A"), which Exhibit A is attached to and made a part of this Amendment No. 2.

II.

Additionally, Contractor has provided pricing for upgrades to several components of the System which must be completed for public health and safety reasons, such upgrades being detailed on page 2 of Exhibit A in the amount of \$227,275. Contractor shall proceed with the upgrade work upon receipt of a notice to proceed issued by the Contract Administrator and shall diligently pursue completion of the work in accordance with the completion dates or timeline stated in Exhibit A.

Service Agreement Amended Value: \$679,686

CONTRACTOR



Mario Zanelli
Contractor

6/20/17
Date

CITY OF CORPUS CHRISTI

Maria Pedraza
Procurement Manager

Date

Attachments:

Exhibit A – Quote #015922OSO

Grace Water Services, LLC

19406 Little Pine Lane

Katy, Texas 77449

251 851-5544

mzanelli@gracewaterservices.net



DATE: May, 14 2017

Project: OSO Water reclamation NH3 reduction Chemical feed, and controller
2 Year extension and additional equipment upgrades.

Engineer: LNV (original design)

PRICING: Indicated per bid item.

QUOTE # 015922OSO

Quote valid for 90 days

1- Original Quote # 015922OSO

1* (5769) 24 Site inspection including field adjustments \$30,240.00

2* (5769) Peristaltic Parts and Consumables replacement \$36,000.00

Includes:

32 replacement hoses

4 rollers

Lot connections fittings

Lot adjustments and calibrations

3* (5769) Analyzer Probes replacement \$87,850.00

4* (5769) GE Fanuc logic Calibration, testing and revisions. \$55,511.00

Includes:

8 Total chlorine probes 0-20 mg/l

8 Free chlorine probes 0-20 mg/l

4 PH probes 0-14

4 ORP probes 0-1000

Total Cost \$ 209,601.00

GWS

Project: OSO Water reclamation NH3 removal

2-year Preventive Maintenance Extension Additional Upgrades to keep system up to date and working properly. Due to electrical failures the following needs to be addressed. Performance will commence on the issuing of a Notice to Proceed, ordering and preparation work estimated time of 4-6 weeks for completion.

- 1- GE PPS system upgrade
Includes:
Software Upgrade latest version
RTU hardware upgrade to improve remote communication (currently communications is below 60%)
Added battery backup request for the main HMI
Graphic development changes (currently not responding 100%)
UPS system upgrade (currently units are not performing 100%)
Main pc mirror unit with license and new display
Cost to perform upgrade **\$68,550.00**
- 2- East side ultrasonic level equipment for a total of 4 6500 gallons' bulk tanks (Units are not responding)
Cost to perform upgrade **\$18,975.00**
- 3- Sodium Bisulfite Chemical feed system Upgrade.
Includes:
3 Peristaltic feed pumps with analog I/O
Lot piping and new connection fittings
Cost to perform upgrade **\$33,850.00**
- 4- Junction Box analyzer panel upgrade
Includes:
HA6ACT analyzer with 2 0-10mg/l probes, 1 0-10mg/l probe, and one PH with temperature probe 0-14 range
Cost to perform upgrade **\$24,650.00**
- 5- West side Pumps # 5, and 6. There are a total of 6 Pumps for each site. Only replace a total of 4 pumps due to severe corrosion, two remaining pumps are still required.
Includes:
Peristaltic feed Pumps with analog I/O+ new connection, and flex connectors
Cost to perform upgrade **\$36,850.00**
- 6- West and East Bleach system replacement (existing ball valves where installed in 2012)
Includes;
Replacing all/ 1" ball valves, 2" ball valves, and 3" bulk tank supply ball valves.
Cost to perform upgrade **\$44,400.00**

Total for the 2 year and additional equipment upgrades \$436,876.00

Thank you for the opportunity to present this proposal. If we can be of any further service, please do not hesitate to call on us.

Sincerely,
Mario Zanelli
Grace Water Services, LLC