

Memorandum

November 6, 2019

To: Rick Trice, DPW

From: Randy Newsom, Operations Supt.

Subject: Recommendation to Purchase Sewer Main Camera

In the 2019-20 Water & Wastewater Department Budget a new Sewer Main Camera was approved. This camera will replace our current camera system which is over 10 years old and exceeded its life expectancy.

The budgeted amount is \$110,000 funded from the Water & Wastewater Capital Outlay Account 05-7000-50-00. The cost of the new camera system is \$105,557.00 and will be purchased through Lonestar Municipal Equipment utilizing the BuyBoard contract. This will result in a cost savings of \$4,443.

I would like to recommend to Council for consideration and approval of the purchase of the Sewer Main Camera from Lonestar Municipal Equipment utilizing the BuyBoard Contract # 593-19 in the amount \$105,557.00. I would like to get this on the agenda for next Council on November 19, 2019.

Lonestar Municipal Equipment

13233 Alyssum Drive

Fort Worth, TX 76244

Paul@LonestarME.com

<https://www.lonestarmunicipalequipment.com>

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Estimate

ADDRESS

Randy Edwards
City of Saginaw, TX
P.O. Box 79070
Saginaw, TX 76179

SHIP TO

Randy Edwards
City of Saginaw, TX
P.O. Box 79070
Saginaw, TX 76179

ESTIMATE # 1176**DATE** 10/31/2019**EXPIRATION DATE** 11/30/2019

ACTIVITY	QTY	RATE	AMOUNT
***PER BUYBOARD CONTRACT 593-19			
Proteus:VCU500 Van Fit Controller: The truck build alternative to the CCU208 has all the same features but instead utilizes a computer monitor (not included) instead of the built in screen on the CCU208. Power supply for the controller is 1U rack mounted. (WILL DO FOR THE PRICE OF THE CCU208 I QUOTED, NORMALLY IS \$15,780. THIS IS BETTER FOR VAN/TRAILER INSTALLATIONS)	1	11,830.00	11,830.00
Proteus:CRP140 5.5" - 24" Pipe Crawler: 6 wheel drive, steerable, pressurized, inclination sensor, built in multi-frequency sonde, motorized elevator and lowering device. Features our patented wheel lock system. Supplied with 6 x 3.5" rubber wheels. Compatible with the Crawler Cradle (PCC01) for pipe diameters up to 40"	1	19,652.00	19,652.00
Proteus:ACR350 1,150 Foot Fully Synchronized Reel: Self-layering to keep the cable neat and tidy. Removable drip tray. Synchronized with the crawler for hassle-free retrieval. Includes 1,150 (CAP350) feet of cable and the Bluetooth joystick remote controller (RJP01).	1	31,981.00	31,981.00

ACTIVITY	QTY	RATE	AMOUNT
Proteus:CAM028 Pan & Rotate + Zoom Camera Head With Laser Measurement: High resolution camera module with 120x zoom (10 x Optical, 12 x Digital). Extremely powerful LED lighting, twin lasers, pipe diameter measuring sensor, auto/ manual focus, pressurized, endless rotation, +/- 135° pan, pressure rated to 1 bar.	1	17,858.00	17,858.00
Proteus:VIP05 Truck Mount Link Cable Box: A 16' cable runs from the controller to the box where the reel is then connected with an included 5' link cable. Allows for cable reels to be connected and disconnected from the back of the truck for portable use.	1	658.00	658.00
Proteus:PKP01-OS Pressure Kit" for Proteus cameras and crawlers. Supplied in a plastic case with space for 2 canisters. Please note: CO ₂ or N ₂ canisters must be sourced locally.	1	674.00	674.00
Proteus:88100Z CO2 Canister	2	17.00	34.00
Proteus:CGP01 Lower Manhole Roller: Features a roller system to help prevent the cable from damage when entering into the pipe. It should be attached to the manhole and is supplied with a rope for fastening.	1	658.00	658.00
Proteus:TRP01 Top Manhole Roller: An adjustable manhole top roller to suit most sizes of manhole opening. Helps to prevent cable damage	1	658.00	658.00
Proteus:QRW90HG/150 High Grip- For use with CRP140 in 6 to 8" pipes	4	253.00	1,012.00
Proteus:QRW90CB/150 Carbide Wheels - For use with CRP140 in 6 to 8" pipes	4	403.00	1,612.00
Proteus:QRW115/150 Black Rubber- For use with CRP150 in Pipes 8 to 12"	4	232.00	928.00
Proteus:QRW115HG/150 High Grip- For use with CRP140 in Pipes 8 to 12"	4	290.00	1,160.00
Proteus:QRW115CB/150 Carbide Wheels - For use with CRP140 in Pipes 8 to 12"	4	461.00	1,844.00
Proteus:QRW140/150 Black Rubber- For use with CRP150 in Pipes 12 to 18"	4	253.00	1,012.00
Proteus:QRW140XL/150	4	342.00	1,368.00

ACTIVITY	QTY	RATE	AMOUNT
Black Rubber- For use with CRP150 in Pipes 18" and up.			
Proteus:ALB300 Auxiliary Lights & Backeye Camera: Extremely powerful LED light. Features a color rearview camera to aid crawler reversing. For use with CRP150 and CRP300 crawlers.	1	2,683.00	2,683.00
Proteus:EWP01 CRP140/150 Extra Weight Plate: 5.5-pound weight plate for CRP140/150. Gives the crawler extra downforce to allow for more traction in tricky pipe conditions.	1	432.00	432.00
Proteus:VGP350 Van Mounted Cable Guide Roller- For ACR350 Only: Fully adjustable cable guide roller for 1,150' motorized reels. Ideal for van fit installations to help reduce friction for smooth pay off and retrieval.	1	4,208.00	4,208.00
Sales Reel rack cabinet 2/ slide out tray and door.	1	1,550.00	1,550.00
Sales Tool box with locking drawers to prevent drawers from opening while in motion	1	1,070.00	1,070.00
Labor Labor to install tool box, cabinet, and camera system, including wiring	15	125.00	1,875.00
SUBTOTAL			104,757.00
SHIPPING			800.00
TOTAL			\$105,557.00

Accepted By

Accepted Date