


Memo

To: City Council
From: Amy E. Gilson, P.E., Director of Public Works 
Date: April 22, 2015
Re: UV Project Change Order

Attached you will find Bulletin #2 for the ultraviolet disinfection project at the wastewater treatment plant. This Bulletin (change order) is for work requested by the staff that will improve their operations. It includes moving a hatch and installing steps, relocating a blower into the new building, and demolishing a wall inside the tank. We these changes are beneficial and the costs quoted are reasonable.

Therefore, I am recommending approval of Bulletin #2 for Davis Construction Company in the amount of \$ 12,807.92.

If you have any questions, please let me know.

MOORE & BRUGGINK, INC.

Consulting Engineers

2020 Monroe Avenue, N.W.

Grand Rapids, MI 49505-6298

CHARLOTTE UV SYSTEM BULLETIN NO. 2

Please quote the following bulletin items. Provide a breakdown of labor and materials. This is not a change order. We will review your prices and if acceptable, a change order will be written to include or delete these items of work.

1. Drawing S01 Rev B – TROJAN UV LAYOUT

See attached sketch which details several changes discussed at the Progress Meeting #2.

1. Move 32" x 32" hatch to allow for access via manhole steps.
No Cost Change
2. Add MH ladder steps at 12" spacing. (10 steps)
Add: \$ 513.47
3. Move blower and demo blower building. (By plant staff)
No Cost Change
4. Route blower intake piping or hose to upper part of north wall. (By plant staff)
No Cost Change
5. Cut hole through building and mount blower intake piping and filter/silencer on the north wall with coupling for plant staff to attach to.
FHC \$8,139 Davis 406.95 Add: \$ 8,545.95
6. Core hole through floor for PVC piping down to west tank.
FHC \$737 Davis \$36.85 Add: \$ 773.85
7. Cut hole through building for PVC piping to east tank.
FHC \$737 Davis \$36.85 Add: \$ 773.85
8. Core hole through floor for PVC piping down to east tank.
FHC \$737 Davis \$36.85 Add: \$ 773.85

2. Drawing 6 of 16 – UV System Improvements Plan

1. Demolish block wall in east chlorine contact tank. Davis 41,822.75

☒ Adjust seals on inlet gate to assure water-tight seal.

FHC 51,359 Davis 167.95

Add: \$ ~~3,249.76~~ 1822.75

Net Change: \$ 14,630.67

12,807.92

Please return Bulletin by March 24, 2015 for review.

Davis Construction Co.

Date