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Date: Revised 12/10/19
Reference: Shakopee, MN LS 16 Pump Replacement Pricing
Engineer: AE2S
Attn: Jason Benson

Scope and pricing for pump options to replace existing Fairbanks Morse Model DS54341MV 8" pump, for 2700 GPM @ 96 TDH with two pumps running as requested. Existing pump elbows will be utilized by us fabricating a custom slide bracket to the new ABS pumps. Seal fail relays will be provided and installed by others. Installation of pump will be completed by Minnesota Pump Works as requested. Any upgrades or changes to switch gear, breakers, overloads, variable frequency drives will be by others. This pricing will be valid into 2020 as I adjusted the pricing for the 3% upcoming pricing increase. This pricing is NOT a budget but a sell price for the City.

XFP205J-CB2 Option

3,700 gpm @ 106 TDH

Qty 1: ABS Model XFP205J-CB2 PE860/4 pump for ~~2700 @ 96 TDH~~, two pumps running, 2-vane contrablock impeller will produce 1922 @ 111 each pump, this is the smallest impeller so it cannot be trimmed any smaller. Motor will be explosion proof rated for 115HP, 480V/3PH, 1780 RPM with 65ft of cable and optional cooling jacket.

Qty 1: Custom Adapter Bracket to mount to KSB guide rail assembly

Qty 1: **ABS CA462 Temperature & Leakage Relay**

Qty 1: Lot of installation, pump only

Total Quote, freight and installation included:	\$47,042.00
Estimated Lead Time:	16 Weeks
Sales Tax:	Not Included

Note: When the controls are upgraded the PC441 Controller with CA511 Operator interface and (1) Each pump CA441 and CA442 will need to be installed. We have received a waiver to use the standard CA462 leakage relay on this pump until the controls upgrade and other (2) pumps are replaced.

Thank you for your consideration. Let me know if you have any questions.

Christa Dennis
Project Manager