



Request for Proposal #2016-018
Design/Build Services for Trickleing Filter Renovation
Wastewater Treatment Plant
City of Pittsburg, Kansas

ADDENDUM #1

Clarifications:

The existing rotary distributor in Trickleing Filter Basin No. 2 consists of a two-arm unit. These arms have been damaged by corrosion to the point that a structural failure is likely.

General Info:

The following information is based on plant operational records and the original plans for the construction of the basin. In field conditions will need review and confirmed as part of the final design.

Table with 2 columns: Parameter and Value. Parameters include Peak Flow Rate (6,944 gpm), Average Flow Rate (2,430 gpm), Minimum Flow Rate (694 gpm), Inside Diameter of Basin (126'-0"), Center Pier Inside Diameter (2'-4"), Maximum Operating Head (6.8'), Water Surface Elevation - Existing Primary Clarifiers (907.60), Outlet Pipe from Existing Primary Clarifiers (24" CIP), Pipe Length (80 feet (min) to 230 feet (max)), Fitting Losses (equivalent pipe length) (196 feet (min) to 630 feet (max)), Top of Media Elevation (900.80), and Top of Concrete at Center Pier (900.45).

This renovation is to include replacement of the center assembly, new unit shall be bolted to existing concrete center pier. Please note that it is anticipated during removal of existing unit that the seal contains mercury and will need to be properly handled.

Attached:

Plant Layout
Existing Trickling Filter No. 1 Photos
Existing Trickling Filter No. 2 Photo



Filter Basin #2

Filter Basin #1





Filter Basin #2
Arm



Filter Basin #2



Filter Basin #2



Filter Basin #1