



**City of Newberg 2013 Inflow & Infiltration Study Project**  
**Additional Information for the RFQ**  
*(Issued on August 27, 2013)*

The City of Newberg has limited video tapes of sewer lines (less than 10% of the entire conveyance system from the last couple of years). Condition of video imagery can be described as “older”. As part of the study scope, most of the identified project areas will require video recording and cleaning prior to such video recording. The City owns a Vactor truck and Cues Camera System. A new Vactor is due in October 2013 and Public Works Maintenance is in the process of ordering a new video recording system. Consultant’s coordination with Public Works Maintenance is required to gain approval and to honor the Collective Bargaining Agreement with the Local Workers’ Union.

The City of Newberg is currently conducting dry weather flow monitoring at selected locations.

No bid documents are to be included as part of this scope of work. The intent of the Study is to receive project specific narratives. Consultant is responsible for providing a brief study of Inflow and Infiltration (I&I). Study will include all City drainage basins using flow data collected by the City of Newberg.

The City has existing wet and dry weather flow for the three basins. Currently, the Wynooski and Dayton Basins are considered to be the greatest contributors of I/I by the City. Consultant shall address/focus on these basins in the proposal accordingly. The complete City of Newberg Sewage Master Plan is available on the City’s website at <https://www.newbergoregon.gov/sites/default/files/2007%20SMP%20w%2009%20Rev%20Compact%20File.pdf>.

The City currently uses ArcGIS 10.0. The City’s GIS data is currently not online for download but can be made available for the Consultant that will perform the Study. The wastewater collection system is stored in an SDE geodatabase. The maintenance and cleaning tracking for about 85 linear miles of wastewater main is done currently in Cartegraph, which is an asset management software.

The City collects continuous rainfall (precipitation) data at the City’s Wastewater Treatment Plant at Wynooski Road. The rainfall data can be provided at 15 minute intervals.

The City uses the Springbrook Billing System to invoice customers for water consumption. Each customer’s billing statement has two year’s worth of consumption history and each can get a greater consumption history if the customer is logged into the account online or call the City Finance staff.