

**Genesee County Drain Commissioner - Division of Water and Waste Services
ESTIMATE OF ENGINEERING FEES SUMMARY**

DESIGN PROFESSIONAL - FLEIS & VANDENBRINK ENGINEERING and FISHBECK, THOMPSON, CARR, & HUBER combined

CONTRACT NO. S.4007 - Raw Water Transmission Main from Stanley Rd at German Rd to Flint WTP

DATE: July 5,2013

Task Description	Basic Services Hours	Basic Services Labor	Administration and Expenses	Subconsultants	Allowances	Total	% of Total
Preliminary Design Phase	4480	\$ 585,562	\$ 29,278	\$ -	\$ 152,250	\$ 767,090	50%
Final Design Phase	5399	\$ 666,529	\$ 33,326	\$ -	\$ -	\$ 699,856	46%
Bidding Phase	389	\$ 58,352	\$ 2,918	\$ -	\$ -	\$ 61,270	4%
TOTALS	10268	\$ 1,310,443	\$ 65,522	\$ -	\$ 152,250	\$ 1,528,216	100%

Project Schedule Basis of Estimate

Task Description	Duration (Weeks)	Start Date	Completion Date
Preliminary Design Phase			
Site Data Review and Investigations	5	6/24/2013	7/26/2013
Supplemental Survey	5	7/26/2013	8/30/2013
Geotechnical Investigations	7	7/15/2013	8/30/2013
30% Design Documents	9	8/11/2013	10/11/2013
Final Design Phase			
60% Design Documents	9	10/15/2013	12/20/2013
90% Design Documents	8	12/23/2013	2/14/2014
100% Design Documents	5	2/17/2014	3/21/2014
Bidding Phase	12	3/27/2014	6/19/2014

Administration & Expenses will include the attached Fleis & VandenBrink Engineering, Inc EQUIPMENT CHARGE RATES dated 01/01/12

Administration & Expenses will include the attached Fishbeck, Thompson, Carr & Huber, Inc. Equipment and Expenses Rates dated July 01, 2013