

**FLEIS & VANDENBRINK****ENGINEERING, INC**

Offices in Michigan and Indiana
 2960 Lucerne Drive S.E., Grand Rapids, MI 49546
 Office (616) 977-1000 Fax (616) 977-1005

EQUIPMENT CHARGE RATES

01/01/12

INTER OFFICE CHARGES

Comb Binding	1/4" & 3/8"	\$1.50	each
	1/2" & 5/8"	\$1.75	each
	3/4" & 1"	\$2.00	each
Copies	Black & White 8 1/2" x 11"	\$0.10	each
	Color 8 1/2" x 11"	\$0.25	each
Faxes		\$1.00	each
Large Format Copies/Plotter	24" x 36"	\$1.50	each
	11" x 17"	\$0.20	each
	Color - 24" x 36"	\$20.00	each
	Color - Larger Sizes	\$4.00	sq ft

FIELD EQUIPMENT CHARGES**Survey & Construction Observation**

Survey Total Station		\$30.00	per day
Leica Global Positioning System (GPS)		\$300.00	per day
Robotic Survey System		\$175.00	per day
Troxler (Nuclear Density)	used	\$60.00	per day
Concrete Testing		\$35.00	per day
Staking Supplies	conc. monuments	\$10.00	each

Engineering & Environmental

Multirae PID & 4 Gas Detector		\$100.00	per day
Conductivity Meter		\$15.00	per day
Whale Pump		\$30.00	per day
Peristaltic Pump		\$75.00	per day
ISCO Pump Station Flow Meter		\$150.00	per day
Sludge Depth Probe		\$20.00	per day
Water Level Probe		\$35.00	per day
Free Product Interface Probe		\$25.00	per day
Hermit 3000	Aquifer Pump Testing	\$1,000.00	per test
	Slug Testing	\$250.00	per day
Hermit 9500/Low Flow Supplies		\$100.00	per day
Low Flow Tubing		\$0.80	per foot
Hand Auger		\$30.00	per day
Boat		\$200.00	per day
Power Pack Generator		\$10.00	per day
Ph Meter		\$25.00	per day
Amp/Volt Meter		\$35.00	per day
Paint Mil Gauge		\$25.00	per day
Nitrile Gloves		\$10.00	box
Disposable Bailers		\$5.50	each

VEHICLES

Trucks (Light Duty)	Construction Observation	\$0.510	per mile	& \$15.00 per day
	Survey	\$0.510	per mile	& \$20.00 per day
Trucks (4x4)	Construction Observation	\$0.580	per mile	& \$25 per day
	Survey	\$0.580	per mile	& \$25 per day
Autos & Van		\$0.510	per mile	& \$10.00 per day
Personal Vehicles	General	\$0.510	per mile	
	Used on construction job	\$0.510	per mile	

Steve Nagy

From: Sedki, Maria E. <mesedki@ftch.com>
Sent: Monday, July 01, 2013 1:28 PM
To: Steve Nagy
Subject: Equipment and Expenses

Steve

Below is our rate for clerical and mileage:

Production (Clerical)Support	\$66/hr
Photocopies	\$0.10/Copy
Mileage/Passenger Vehicles	\$0.70/Mile
Field and Services Vehicles	\$0.95/Mile (\$37/day min.)
Expenses and Outside Services	Cost Plus 10%

Maria E. Sedki P.E. | Senior Project Engineer | 248.324.1228 | www.ftch.com
Fishbeck, Thompson, Carr & Huber, Inc. | Engineers, Scientists, Architects, Constructors

Value Engineering

Assume 5 Projects

	Hours	Salary Cost	Multiplier	Total Fee	
A. 30% Submittal					
A.1	Review Plans and Specs for 5 Projects (8 hrs per project)	40	\$58.50	3	\$7,020.00
A.2	VE Team Meeting	8	\$58.50	3	\$1,404.00
A.3	Design Review Meeting	8	\$58.50	3	\$1,404.00
A.4	Mileage & Expenses				\$492.00
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	Subtotal for 30% Review	56			\$10,320.00
B. 60% Submittal					
B.1	Review Plans and Specs for 5 Projects (8 hrs per project)	40	\$58.50	3	\$7,020.00
B.2	VE Team Meeting	8	\$58.50	3	\$1,404.00
B.3	Design Review Meeting	8	\$58.50	3	\$1,404.00
B.4	Mileage & Expenses				\$492.00
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	Subtotal for 60% Review	56			\$10,320.00
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	Total	112			\$20,640.00