

GILLETTE AVENUE IMPROVEMENTS  
CONSTRUCTION MANAGEMENT SERVICES  
Project 13EN01  
PROPOSAL MANHOUR ESTIMATE  
HDR Engineering, Inc.  
3/10/14

Description	Project Principal Steve Hoff	QA/QC James Unruh	Project Manager Jody Page	Roadway Engineer Mike Oakley	Utility Engineer Justin Starck	Sr. Structural Brent Schiller	Structural Ron Manske	Construction Manager Aaron Clark	Construction Engineer Todd Mattson	Land Surveyor Brad Danielson	Two Man Survey	Cadd Drafting Julie Oakley	Accounting Becky Morrison	Admin Amanda Wilson	TOTAL HOURS	TOTAL LABOR
Position Description	Man. Prin	Eng V	Proj. Man.	Eng V	Eng II	Eng V	Eng IV	Eng III	Eng II	Surv. Man.	2 Man Surv	Cad Tech II	Accountant	Admin		
<b>TASK 100 - CONSTRUCTION MANAGEMENT</b>																
101 General Administration of Construction Contract	8		44					2184					20	52	124	\$14,180
102 Resident Project Representative															2184	\$273,000
103 Construction Material Testing			8						16						24	\$3,000
104 Pre-Construction Conference			8						16						24	\$3,000
105 Schedules			8						56						64	\$7,200
106 Baseline and Benchmarks			8						16						24	\$3,000
107 Site Visits			80	60					260						400	\$50,100
108 Defective Work			16	16					40						72	\$9,400
109 Clarifications and Interpretations			24	24	40				60						148	\$18,300
110 Change Orders and Work Change Directives			16						20			16			52	\$6,132
111 Shop Drawings and Samples			8						80						88	\$9,720
112 Substitutes and "Or Equal"			8						16						24	\$3,000
113 Inspections and Tests			8						16						24	\$3,000
114 Disagreements between Owner and Contractor			40	16					20						76	\$11,260
115 Applications for Payment			8						16						24	\$3,000
116 Contractor's Completion Documents			8						16		16	54			94	\$10,178
117 Substantial Completion			8						16						24	\$3,000
118 Additional Tasks		8	24			8	44		40	56	486				666	\$99,430
119 Final Notice of Acceptability of Work			8						20						28	\$3,420
<b>Task Series Hours</b>	<b>8</b>	<b>8</b>	<b>332</b>	<b>116</b>	<b>40</b>	<b>8</b>	<b>44</b>	<b>2184</b>	<b>724</b>	<b>56</b>	<b>502</b>	<b>70</b>	<b>20</b>	<b>52</b>	<b>4164</b>	<b>\$533,320</b>
<b>TOTAL HOURS</b>	<b>8</b>	<b>8</b>	<b>332</b>	<b>116</b>	<b>40</b>	<b>8</b>	<b>44</b>	<b>2184</b>	<b>724</b>	<b>56</b>	<b>502</b>	<b>70</b>	<b>20</b>	<b>52</b>	<b>4164</b>	<b>\$ 533,320</b>

<b>DIRECT EXPENSES:</b>	
Travel/Per Diem	\$ 5,800
Printing/Copying/etc	\$ 600
Telephone	\$ 237
Survey/GPS Equipment	\$ 25,100
Technology Charge	\$ 17,264
<b>TOTAL DIRECT COSTS</b>	<b>\$ 49,001</b>

Total Hours	4,164
Total Labor	\$ 533,320
Direct Costs	\$ 49,001
Subtotal HDR Estimated Costs	\$ 582,321
Strata - Geotech Subcontractor	\$ 92,040
FourFront - Landscape Architect Subcontractor	\$ 27,918
<b>Total Estimated Project Costs</b>	<b>\$ 702,280</b>