



**UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH
P.O. BOX 100, NEW SMYRNA BEACH, FL 32170**

ENGINEERS OPINION OF COST

PROJECT NAME/LOCATION: **Esther Street Water Main Improvement**
 PROJECT DESCRIPTION: **Install 1,700 Feet of 6" PVC Water Main**
 UC CONTACT: **Dana Hale, P.E., 386-424-3037**
 UC PROJECT NUMBER: **10612-21**

LABOR		
POSITION	QUANTITY	UNIT
Utilites Employee II	240	HRS
Utilites Employee II	240	HRS
Utilites Employee III - Foreman	240	HRS

LABOR SUB-TOTAL \$12,410.40
 LABOR OVERHEAD LOADING FACTOR 1
LABOR TOTAL \$12,410.40

EQUIPMENT		
DESCRIPTION	QUANTITY	UNIT
Backhoe/Loader	6	WEEK
Compactor/Tamper	6	WEEK
Pumps	6	WEEK
Generator/Compressor	6	WEEK
Pick-Up Truck	6	WEEK
Dewatering	6	WEEK

EQUIPMENT TOTAL \$9,720.00

MATERIAL		
DESCRIPTION	QUANTITY	UNIT
1.5" Asphalt Road Restoration	1	LS
8" Limerock	2300	SY
6" Road Base	2,300	SY
MOT	1	LS
Geotech	1	LS
6" PVC C900 Pipe	1700	FT
6" Gate Valve	5	EA
6" x 6" Tapping Sleeve	2	EA
12" x 6" Tapping Cross	1	EA
6" x 6" x 6" Tee	1	EA
Fire Hydrant Assembly	1	EA
6" Bends (Fittings)	2	EA
Water Service Replacement	40	EA
Miscellaneous Material (10%)		

MATERIAL SUB-TOTAL \$91,300.00
 MATERIAL LOADING FACTOR 1
MATERIAL \$91,300.00

Sub-Total: \$113,430.40

9% Engineering Fees: \$10,208.74

TOTAL \$123,639.14

*D.Hale
8/16/2011*