



Construction Worksheet

Work Order#: **tbd**

A. GENERAL PROJECT ATTRIBUTES

Project Name (Short Description): **Alburgh Substation Rebuild**
 General Project Description:
 Construction of New Alburgh Substation, Demolition of Existing Substation

Budgeted Item:	<input type="checkbox"/>	YES	Multi-Year Project	<input type="checkbox"/>	YES
	<input type="checkbox"/>	NO		<input type="checkbox"/>	NO
Budget Code	TBD		Estimated Project Completion Date:		
Budget Amount Before Contributions	\$	1,529,652.30	Contribution Expected	<input type="checkbox"/>	YES
Budget Amount Net of Contributions	\$	1,529,652.30		<input type="checkbox"/>	NO
			IF YES; Enter Contribution Amount =		

B. LABOR RESOURCES: (Rates include benefits)

	Hours	Rate	Cost
Linemen - Regular Time	320.0	\$ 67.00	\$ 21,440.00
Linemen or Substation Tech - 1.5x Overtime	400.0	\$ 94.00	\$ 37,600.00
Labor - Substation Technician	1,200.0	\$ 67.00	\$ 80,400.00
Labor - Filed Engineer	40.0	\$ 64.00	\$ 2,560.00
Labor - Field Engineer - 1.5x Overtime	0.0	\$ 90.00	\$ -
Labor - Engineer	500.0	\$ 94.00	\$ 47,000.00
Outside Contractor/Consultant(s)			
Subgrade Contractor	1.0	\$ 300,000.00	\$ 300,000.00
TRC	1.0	\$ 28,000.00	\$ 28,000.00
Tree Clearing	1.0	\$ 12,000.00	\$ 12,000.00
Fiber	1.0	\$ 12,000.00	\$ 12,000.00
Environmental	1.0	\$ 12,000.00	\$ 12,000.00
Line Crew (2 Weeks)	1.0	\$ 25,000.00	\$ 25,000.00
Grounding	1.0	\$ 6,000.00	\$ 6,000.00

TOTAL LABOR RESOURCES **\$ 584,000.00**

C. VEHICLE(S)/TRANSPORTATION EQUIPMENT:

	Hours/Miles	Rate	Cost
Bucket Truck (Hrs) (default = 1/2 Linemen Hrs; can be adjusted)	360.0	\$ 54.00	\$ 19,440.00
Digger Truck (Hrs)	0.0	\$ 54.00	\$ -
Track Vehicle w/Trailer & Tractor (Hrs)	0.0	\$ 130.00	\$ -
Substation Truck (Hrs) (default = 1/2 Sub Tech Hrs; can be adjusted)	600.0	\$ 45.00	\$ 27,000.00
Service Vehicle (Hrs)	0.0	\$ 22.00	\$ -
Mileage Reimbursement (Miles)	3,000.0	\$ 0.560	\$ 1,680.00
Misc Transportation Equipment (Other/Rental)	1.0	\$ 25,000.00	\$ 25,000.00

TOTAL VEHICLE(S)/TRANSPORTATION: **\$ 73,120.00**

D. MATERIALS - Do not include Minor materials, they are covered in overheads

Inventory Material Description List	Quantity	Price/Each	Cost
Misc. Hardware	1.0	\$ 10,000.00	\$ 10,000.00
Poles	1.0	\$ 7,000.00	\$ 7,000.00
Conductor	1.0	\$ 3,000.00	\$ 3,000.00
Tie Switches	2.0	\$ 3,500.00	\$ 7,000.00
	0.0	\$ -	\$ -
	0.0	\$ -	\$ -
Direct Material Purchases:			
Substation Package	1.0	\$ 140,000.00	\$ 148,400.00
Station Transformer	1.0	\$ 215,000.00	\$ 227,900.00
Regs	3.0	\$ 17,500.00	\$ 55,650.00
Reclosers (Paid for in 2014, need 3)	0.0	\$ 23,000.00	\$ -
camera	1.0	\$ 8,000.00	\$ 8,480.00
apx	1.0	\$ 9,000.00	\$ 9,540.00
ami	1.0	\$ 42,000.00	\$ 44,520.00
	0.0	\$ -	\$ -

Stores handling charges @ 27% **\$ 140,802.30**

TOTAL MATERIAL PURCHASES **\$ 662,292.30**

E. Total Labor, Vehicles & Materials \$ 1,319,412.30

F. Work Order Overhead Charge @ 36% applicable to Labor and Contract Work \$ 210,240.00

G. Total Estimated Work Order Costs \$ 1,529,652.30

H. ESTIMATED WORK ORDER COSTS CASH FLOW BY MONTH (Current Year):

Jan	Feb	Mar	Apr	May	Jun
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Jul	Aug	Sep	Oct	Nov	Dec
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Current Year Expenditures: \$0.00
 Prior Year(s) Actual \$ - (use only if this is a carry over project)
 Next Year Projection \$ - (use only if this is a multi-year project)
 Total Estimated Work Order Cost before Contributions \$0.00
 Estimated Project Contribution (from contributions above s/b -) \$0.00
 H. Net Estimated Work Order Costs: \$0.00

SIGNATURES/AUTHORIZATIONS:

Worksheet Submitted By: Project Manager/Engineer	Date:
---	-------

Budgeted Projects Approval:

Approved by: Manager Approval for Projects > \$10,000 <= \$50,000	Date:	Approved By: Officer Approval for Projects > \$50,000	Date:
--	-------	--	-------

Unbudgeted projects require approvals. Approvals required are based on total anticipated costs.

Unbudgeted Projects Approval:

Approved by: Manager Approval for Projects <= \$10,000	Date:	Approved By: Officer Approval for Projects > \$10,000	Date:
---	-------	--	-------

J **Distribution**

Work Order Assignment: W/O Accountant or Engineering Coordinator	Date:
---	-------

Original Construction Worksheet (Final) Budgeting & Financial Forecaster	Date:
---	-------