

## Rough Estimate 12M

## (1) Estimate wt. of new reflector at 24,000 lbs.

Material at \$.824/lb.	\$ 19,680.00
Fabrication \$1.05/lb.	25,200.00
Material mark-up @ 13%	2,560.00
Fabrication burden @ 110%	27,720.00
Elevation axle modif.	3,500.00
Loading and shipping to site	8,000.00
Feed leg fabrication	<u>4,500.00</u>
	\$ 91,100.00

## (2) Site Assembly

4 ironworkers @ \$14/hr., 10 hr./day = \$560/day	
Assume 3 wks.	10,080.00
Erection supervisor, 3 wks. @ \$1,000/wk.	3,000.00
Disassemble existing feed legs & reflector	
2 wks. @ \$4,350/wk.	8,700.00
Erect new back-up structure & feed legs, align	
adjust ctw., make attachments (2 wks.)	8,700.00
Paint new back-up structure & feed legs	
1 wk., 3 men, @ \$120/day	1,800.00
Equip. rental	1,200.00
Materials	1,550.00
Site labor burden, <del>50</del> 60%	17,600.00
Travel & Fringes	4,000.00
Crane rental	
Travel charge	1,200.00
7 wks., 8 hr./day x \$90/hr.	<u>25,200.00</u>
	\$ 83,030.00
SUBTOTAL 1 & 2	174,100.00
G&A at 15%	26,100.00
Profit, 12.5%	<u>25,000.00</u>
	\$225,000.00

(3) Purchase surface plates	\$161,000.00
Mounting hardware	2,500.00
Panel installation, initial setting	4,500.00
4 men, 2 wks. @ \$14/hr.	
Burden, travel, per diem	3,100.00
Re-cable antenna	
Labor, 80 hrs. @ \$14/hr., (2 men, 1 wk.)	1,120.00
Materials	1,500.00
Re-install focal mount (3 men, 2 days)	700.00
	<u>\$174,500.00</u>
	225,000.00
	<u>\$399,500.00</u>
 (4) Fine set panels (AUI)	
3 men (2 wks.) @ \$12/hr.	\$ 2,880.00
2 engineers	-0-
 Drive modifications	
Servo adjustment	
Feed installation	
Surface painting (delayed)	

W. G. Horne  
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