

ELECTRICAL EQUIPMENT and Labor
(1,000's)

410, 430, 450 & 460

Project Name: Barinas I Power Plant
Customer: PDVSA
Location: Barinas, Venn
Bid Due Date:

Date: 26-Oct-11
Quote No: T 1003
Est By: RHL-civil by Derwick-as

44	UPS	-	-	-	-	-	10	4	10	-	58	-		
45	DC	-	-	-	-	-	10	-	-	-	58	-		
46	Cathodic Protection	2	20,000	40,000	1,200	2,400	10	4	8	640	58	37,132		
47	Lightning Protection	2	15,000	30,000	900	1,800	10	4	6	480	58	27,849		
48								-	-	-	58	-		
49											58			
50	Temporary Electric	1	40,000	40,000	1,200	1,200	10	2	45	900	58	52,217		
51	Electrical Control Module	-	-	-	-	-	10	-	-	-	58	-		
52							10				58			
53							10				58			
54							10				58			
55	Total Cost of Electrical Equipment			966		73				10,638		617		
										Productivity	1.80	19,148	58	1,111

56	Cable Tray, Conduit, & Cable	1	900,000	900,000	27,000	27,000	10	12	130	15,600	58	905,098
57	Total Cost of Electrical Equipment			900		27				15,600		905
58							Total Manhours			15,600		
59							Times Prod Factor		1.80	28,080	58	1,629

Price per hour based with all labor burdens as follows:

Local Hrly Cost	30.00
Fringes	2.50
Small Tools	1.50
Labor Burden 35%	10.50
	44.50
Contr G&A 8%	3.56
Contr Mark up 15%	6.68
	54.74
45 Hour Work Week =	58.02
Work Week Hours Multiplier	
45	50
1.06	1.1
	1.17