

PLANT INSTRUMENTATION
(1,000's)

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

520 & 530
Date: 26-Oct-11
Quote No: T 1003
Est By: il by Derwick-a

Item No.	Description	Qty GTG's	Unit Cost	Total Cost	Hours (day)	Qty (men)	Qty (days)	Qty (mhrs)	Rate (hour)	Total Labor	
1					10						
2	Instrumentation for GTG	2	35,000	70,000	10	2	10	400	58	23,208	
3					10				58	-	
4	Instrumentation for SCR	-	-	-	10	4	15	-	58	-	
5					10				58		
6	Instrumentation for HRSG	-	-	-	10	4	15	-	58	-	
7					10				58		
8	Instrumentation for Injection Water Treatment	1	25,000	25,000	10	2	10	200	58	11,604	
9					10				58		
10	Instrumentation for Waste Water Treatment	-	-	-	10	2	10	-	58	-	
11					10				58		
12	Instrumentation for DFO Treatment	1	30,000	30,000	10	4	5	200	58	11,604	
13					10				58		
14	Labor to Install CEMS	-	-	-	10	4	5	-	58	-	
15					10				58		
16					10				58		
17					10				58		
18					10				58		
19					10				58		
20					10				58		
21					10				58		
22					10				58		
23	Total Cost of Plant Instrumentation			125				800		46	
								Total Hours	800		
							Prod Factor	1.80	1,440	58	84

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	60
1.06	1.1	1.17