

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-as

Item No.	Description	Qty GTG's	Unit Cost	Total Cost	Hours (day)	Qty (men)	Qty (days)	Qty (mhrrs)	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
45	Work Week Hours Multiplier		
45	50	60	
1.06	1.1	1.17	