

**PLANT ERECTION**  
(1,000's)

700

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

**Date:** 26-Oct-11  
**Quote No:** T 1003  
**Est By:** vil by Derwick-as

| Item No. | Description                         | No Units | Hours (day) | Qty (men) | Qty (days) | Qty (mhrs) | Rate (hour) | Total Labor |
|----------|-------------------------------------|----------|-------------|-----------|------------|------------|-------------|-------------|
| 1        |                                     |          | 10          |           |            |            |             |             |
| 2        | GTG Erection                        | 2        | 10          | 12        | 35         | 8,400      | 58          | 487,360     |
| 3        |                                     |          | 10          |           |            |            | 58          |             |
| 4        | HRSG Erection                       | -        | 10          | 10        | 60         | -          | 58          | -           |
| 5        |                                     |          | 10          |           |            |            | 58          |             |
| 6        | SCR Erection                        | -        | 10          | 10        | 60         | -          | 58          | -           |
| 7        |                                     |          | 10          |           |            |            | 58          |             |
| 8        | Water Treatment and FW Systems      | 1        | 10          | 4         | 20         | 800        | 58          | 46,415      |
| 9        |                                     |          | 10          |           |            |            | 58          |             |
| 10       | DFO Treatment System                | 1        | 10          | 5         | 20         | 1,000      | 58          | 58,019      |
| 11       |                                     |          | 10          |           |            |            | 58          |             |
| 12       | BOP Equip Erection                  | 1        | 10          | 6         | 20         | 1,200      | 58          | 69,623      |
| 13       |                                     |          | 10          |           |            |            | 58          |             |
| 14       | Gas Compressor Erection             | -        | 10          | 6         | 5          | -          | 58          | -           |
| 15       |                                     |          | 10          |           |            |            | 58          |             |
| 16       | Evap Cooling Erection               | -        | 10          | 4         | 4          | -          | 58          | -           |
| 17       |                                     |          | 10          |           |            |            | 58          |             |
| 18       | Fire Water Pump Skid                | 1        | 10          | 4         | 15         | 600        | 58          | 34,811      |
| 19       |                                     |          | 10          |           |            |            | 58          |             |
| 20       | Diesel Engine Removal               | -        | 10          | 6         | 5          | -          | 58          | -           |
| 21       |                                     |          | 10          |           |            |            | 58          |             |
| 22       | Diesel Engine Piping Removal "Lot"  | -        | 10          | 6         | 15         | -          | 58          | -           |
| 23       |                                     |          | 10          |           |            |            | 58          |             |
| 24       |                                     |          | 10          |           |            |            | 58          |             |
| 25       | <b>Total Cost of Plant Erection</b> |          |             |           |            | 12,000     |             | 696         |

Total Hours 12,000  
 Prod Factor 1.80 21,600 58 **1,253**

|   |              |
|---|--------------|
| Price per hour based with all labor burdens as follows: |              |
| Local Hrly Cost   | <b>30.00</b> |
| 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        |
| <b>45</b> Hour Work Week =                              | 58.02        |
| <b>Work Week Hours Multiplier</b>                       |              |
| <b>45</b>   | <b>50</b>    |
| <b>1.06</b>   | <b>1.1</b>   |
|   | <b>1.17</b>  |