

## **CONTRACTORS PAST EXPERIENCE**

01. Facilities : **OIL TANKS**
02. Location : "Glimar" Refinery, Poland
03. Owner : "GLIMAR" Refinery  
Address : Gorlice, Michalusa Str, Poland
04. Our scope of work : Full design works
05. Contract award : 1999
06. Start of contract : 1999
07. Completion : 2000
08. Characteristics :



Engineering design project for Crude Oil tanks as follow:

Serial No.	Tank designation	No.	Capacity m3	Dia (m)	H (m.)	Roof configuration
1	Gas Oil	1	3100	17.50	13.00	Fixed Roof – Dome Type
2	Gas Oil	1	2500	15.80	12.75	Fixed Roof – Dome Type
3	Gas Oil	1	1000	10.70	11.25	Fixed Roof – Dome Type
4	Gas Oil	1	3150	18.00	12.50	Fixed Roof – Dome Type

Works includes:

- I. TANK appurtenances such as:  
Shell and Roof Manholes, Nozzles, Access and Clean Out Doors.
- II. Tank Heaters (Bottom and Suction)

Tank shall be furnished with one bottom heater and one suction heater.  
The Suction heater shall be equipped with an isolating valve on the oil suction side complete with operating gear and linkage.

### **• STRUCTURAL STEEL WORK**

Design works of miscellaneous steel and metal works for Tank Appurtenances, Platform, Walkway, Stairway, Rolling ladder, Wind grinder, Drain Nozzle and Drain Sump, etc. Welding all lugs, brackets and supports and any other miscellaneous steel and metal works for tank appurtenances.

### **• CIVIL AND ARCHITECTURAL WORKS**

Design works of foundations.

## 09. SCOPE OF ACTIVITIES

- Development of basic data and preliminary design ( d & d submitted by the Client)
- Detailed Engineering:
  - P & I
  - Plot Plan ( arrangement)
  - Civil
  - Mechanical
  - Electrical
  - Instruments
  - Workshop drawings
- As build drawings

## 10. STANDARDS AND CODES

American and Polish Standards, where applicable, others internationally recognized and accepted.



Previous design projects for "GLIMAR" Refinery

