# ANNEXURE 7

## ENGINEERING, PROCUREMENT AND CONSTRUCTION (EPC) COST OF THE BOTH VARIANTS THE 10 MWH IGSC POWER PLANT AND THE 10.20 MW IGCC POWER PLANT

# TOTAL EPC COST SUMMARY OF THE POWER PLANT – IGSC /IGCC

| PROJECT PARTS (EUR) | Integrated Gasification Simple Cycle (10 MWh IGSC) | Integrated Gasification Combined Cycle (10.2 MWh IGCC) |
|---|---|---|
| | 2022 – 2024 | |
| Genset and Services Delivery | 3,996,999.30 | 2,677,989.53 |
| Gasifier (3 x), TGC 2032 V12 | 5,479,058.84 | 3,670,969.42 |
| Civil Objects | 5,898,477.00 | 5,898,477.00 |
| Cooling Tower | 144,292.50 | 144,292.50 |
| Deaerator | 159,237.00 | 159,137.00 |
| Steam Boiler | 0.00 | 758,995.00 |
| Steam Turbine, D-R SST 350 / 500 / 700 | 0.00 | 3,990,000.00 |
| Carbon Dioxide Capture, Storage and Utilization Unit | 0.00 | 0.00 |
| Sulphur Recovery Unit (SRU) | 0.00 | 0.00 |
| **TOTAL (EUR)** | 15,678,064.64 | 17,299,860.45 |
| Reimbursables (PDC + Licensing) | 50,000.00 | 50,000.00 |
| Contingency (10%) | 1,567,806.46 | 1,729,986.05 |
| **GRAND TOTAL (EUR)** | **17,295,871.10** | **19,079,846.50** |

**NOTE:**
*All these Total Cost include wiring and cables systems and related electronic control systems and services. The Carbon Dioxide Capture, Storage and Utilization Unit and the Sulphur Recovery Unit (SRU) shall be integrated in the project after full implementation of the Project. Therefore, their costs, which is estimated at US$ 40-200 per Metric Ton of $CO_2$ shall not be considered in this study. This cost does not include the cost of the Operations Management and Fuel Cost, Technologies and Equipment Maintenance Costs, etc.*