NAME: CHINEDUM PRUDENCE ESE

DEPARTMENT: CHEMICAL ENGINEERING

MATRIC NO: 17/ENG01/006

2. BEME contract for a Hybrid energy system in Nigeria

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Quantity | Unit price (€) | Cost(€) | Remarks |
| Solar pv module | 1,095 | 1,200/KW | 1,313,948.4 | Green solar |
| Battery | 130 | 800/Batt. | 104,000 | Rolls/surrette |
| Hydroturbine | 2 | 94,500/turb | 189,000 | Alibaba.com/perkins |
| Diesel plant  | 1 | 500/KW | 547,478.5 |  |
| Bidirectional inverter | 1 | 360/KW | 394,184.52 | Beyond oil solar |
| Long copper pipes and accessories |  |  | 10,000 | \_  |
| Miscellaneous and bolts |  |  | 15,000 |  |
| Total |  |  | 2,573,611,42 | \_ \_ |
|  |  |  |  |  |