OZOEMENA AUGUSTINE

CHEMICAL ENGINEERING

18/ENG01/027

QUESTION TWO

# Bill of Engineering Measurements and Evaluation (BEME) for the THE CONSTRUCTION OF WATER PLANT

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S/N | DESCRIPTION | QUANTITY | UNITPRICE($) | COST($) | REMARKS |
| 1 | CHEMICAL STORAGE TANKS, SILOS, AND HOPPERS | 20 | 100,000.85/ tank | 2,000,000 | Plastic tanks with protection and steel, metallic tanks well coated |
| 2 | Chemical Piping and Valves | 1000 | 455.00/ pipe | 455,000 | Pipes set to aid movement from one tank to another in the water plant |
| 3 | Gaskets and Seals | - | - | 135,000 | - |
| 4 | Chemical Feeders and Pumps | - | - | 150,000 | - |
| 5 | Tools and accessories | - | - | 120,500 | - |
| 6 | Miscellaneous | - | - | 450,000 | - |
| 7 | Total | - | - | 3,190,000 | - |