NAME: AGWANIRU ROSEMARY

MATRIC NO: 17/ENG01/003

DEPARTMENT: CHEMICAL ENGINEERING

COURSE CODE: ENG 384

QUESTION 2: B.E.M.E FOR SOFT DRINK PROCESSING

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NO** | **DESCRIPTION** | **UNITY** | **QUANTITY** | **RATE(Naira)** | **AMOUNT(Naira)** |
| 1 | Sugar syrup: The mixture of sugar, flavorings, essences, and water | Litre | 45 | 2,500 | 112,500 |
| 2 | Bottle: Bottles needed for packaging of soft drink. | Pieces | 200 | 150 | 30,000 |
| 3 | Water, for microbial stabilization and essentially liquid agent | Litre | 60 | 200 | 12,000 |
| 4 | Carbon dioxide for the particle free drinks and micro-organisms | Cubic meter | 40 | 3100 | 12,400 |
| 5 | Bottle blower and bottle washer | Cubic meter | 22 | 1400 | 30,800 |
| **TOTAL** | | | | | **197,700** |