***OKPALA CHARLES***

***CIVIL ENGINERING***

***17/ENG03/040***

***BILL OF ENGINEERING MEASUREMENT AND EVALUATION OF A DRAINAGE PROJECT***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **Quantity** | **Unit** | **Cost** | **Amount (N)** |
| Excavation for drainage not exceeding 1m | **250** | **M3** | **250** | **62,500** |
| Provide plan onsite concrete binding | **15.5** | **M3** | **18000** | **225,000** |
| Drainage bed | **31.5** | **M3** | **25000** | **787,500** |
| Coping | **9.2** | **M3** | **18000** | **165,600** |
| 225mm sandcrete hollow laid in stretcher bond in cement 1:6 and fill solid with concrete 1:3:6 | **220** | **M2** | **3000** | **660,000** |
| 12mm cement and sand | **260** | **M2** | **250** | **65,000** |
| Preliminaries |  | **LS** |  | **50,000** |
| **Total** |  |  |  | **2,015,600** |