**ADEROJU OLUWAFIKEMI ADEBOSOLA**

**18/ENG02/102**

**COMPUTER ENGINEERING**

**ENG 384 TEST**

**1ST OF JUNE**

**Q2:**

**POWER SUPPLY/ELECTRICAL/BACKUP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S/N** | **ITEM** | **QTY** | UNIT COST | AMOUNT |
| **1** | **CHANGE OVER SWITCH**  **13A SOCKET (MEM)**  **15A SOCKET (MEM)**  **PVC WIRE**  **HARVEL D6 DISTRIBUTION BOARD**  **LOW VOLTAGE LIGHTING POINTS** | 1  **15**  **3**  **LOT**  **1**  **6** | **N1,200**  **N500**  **N7,000**  **N600** | **N1,200**  **N7,500**  **N7,000**  **N3,600** |
| **2** | **15KVA SERVO AUTOMATIC VOLTAGE REGULATOR** | **1** | **N25,000** | **N25,000** |
| **3** | **10/KVA/180VDC ONLINE UPS (SINGLE PHASE)** | **1** | **N30,000** | **N30,000** |
| **4** | **100AH DEEP CYCLE BATTERIES** | **15** | **N15,000** | **N225,000** |
| **5** | **STEEL BATTERY RACK AND ACCESSORIES** | **LOT** | **N5,000** | **N5,000** |
| **6** | **STEEL FRAME AND SUNDRY ITEMS** | **1** | **N4,500** | **N4,500** |
| **7** | **CHARGE CONTROLLER (MINIMUM OF 30A/180V/5KW)** | **LOT** | **N5,500** | **N5,500** |

**The overall estimation of the implementation is N2, 681,800 (Two million, six hundred and eighty one thousand, eight hundred naira).**