**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).**