



## MUSAKASA TECHNICAL TRAINING INSTITUTE

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When Replying please quote

Date: **2 July 2020**

**Ref. No. MUSTTI/T/18/2020-2021**

### **PART B QUOTATION**

### **SUPPLY AND DELIVERY OF ELECTRICAL & ELECTRONIC EQUIPMENTS**

**Please provide quotation of all the electrical equipments, some are as follows:**

| <b>S/N<br/>O</b> | <b>ITEM DESCRIPTION</b>  | <b>UNIT<br/>OF<br/>ISSUE</b> | <b>UNIT PRICE</b> |
|------------------|--|------------------------------|-------------------|
| 1                | Wattmeter, single phase, 120/240V 1/5A                               | pcs                          |                   |
| 2                | Digital Multimeter   | pcs                          |                   |
| 3                | Analogue Multimeter  | pcs                          |                   |
| 4                | DSO 60MHz 2-Channel Lightweight with Colour LCD Display              | pcs                          |                   |
| 5                | Analogue Oscilloscope, Dual Trace, 40MHz with Frequency Meter        | pcs                          |                   |
| 6                | Function Generator 0.1Hz – 5MHz                                      | pcs                          |                   |
| 7                | Tachometer , Contact/Non - contact                                   | pcs                          |                   |
| 8                | Motor-generator set  | pcs                          |                   |
| 9                | Split Phase AC Motors - 350W   | pcs                          |                   |
| 10               | DC Shunt Motor – 350W  | pcs                          |                   |
| 11               | Alternators - 350VA  | pcs                          |                   |
| 12               | DC Dynamometer for Motor Testing – Dynamometer with Base and Exciter | pcs                          |                   |
| 13               | Capacitive Load Bank – 1KW, single phase                             | pcs                          |                   |
| 14               | DC Starters Face Plate Starters                                      | pcs                          |                   |
| 15               | X – Y Plotter  | pcs                          |                   |
| 16               | Cathode ray tube 20kHz   | pcs                          |                   |
| 20               | 1.5 mm <sup>2</sup> single core cable R,Y & B                        | rolls                        |                   |
| 21               | 3 phase Magnetic contactors  | rolls                        |                   |
| 22               | 2.5 mm <sup>2</sup> single core cable R,Y & B                        | roll                         |                   |
| 23               | 4.0 mm <sup>2</sup> single core cable R,Y & B                        | roll                         |                   |

|    |   |       |  |
|----|---|-------|--|
| 24 | 6.0 mm <sup>2</sup> single core cable R,Y & B | roll  |  |
| 25 | 1.5 mm <sup>2</sup> TWE cable                 | roll  |  |
| 26 | 2.5 mm <sup>2</sup> TWE cable                 | roll  |  |
| 27 | 4.0 mm <sup>2</sup> TWE cable                 | roll  |  |
| 28 | 6.0 mm <sup>2</sup> TWE cable                 | roll  |  |
| 29 | Flexible cable 1.0mm <sup>2</sup>             | roll  |  |
| 30 | Metal sheet 300x300x0.5 cm                    | roll  |  |
| 31 | Analogue to Digital Converter                 | roll  |  |
| 32 | PVC conduit 20mm H.G                          | roll  |  |
| 33 | Steel conduit 20mm H.G                        | roll  |  |
| 34 | PVC minitrunk                                 | roll  |  |
| 35 | Plastic saddles 20mm                          | roll  |  |
| 36 | Metallic saddles 20mm                         | pcs   |  |
| 37 | Steel nails 2 inches                          | pcs   |  |
| 38 | Tackle nails                                  | pcs   |  |
| 39 | Buckle clips assorted                         | pcs   |  |
| 40 | Wood screws assorted                          | pcs   |  |
| 41 | Instantaneous shower 1500W                    | pcs   |  |
| 42 | Metallic boxes complete                       | pcs   |  |
| 43 | Metallic male and female bushes               | pkts  |  |
| 44 | PVC male and female bushes                    | pcs   |  |
| 45 | 1 gang, 1 way switches                        | pcs   |  |
| 46 | 1 gang, 2 way switch                          | Pcs   |  |
| 47 | 1 gang, 3 way                                 | Pcs   |  |
| 48 | 2 gang, 1 way                                 | pcs   |  |
| 49 | 2 gang, 2 way                                 | Pcs   |  |
| 50 | Intermediate switch                           | pcs   |  |
| 51 | Straight batten lamp holders                  | Pcs   |  |
| 52 | Angled batten lamp holders                    | Pcs   |  |
| 53 | 2 gang , 3 way                                | pcs   |  |
| 54 | capacitors                                    | pcs   |  |
| 55 | resistors                                     | pcs   |  |
| 56 | transistors                                   | Pkt   |  |
| 57 | diodes  | Pkt   |  |
| 58 | Integrated circuits                           | Pkt   |  |
| 59 | Jumper wires                                  | Sheet |  |
| 61 | Bread boards                                  | Sheet |  |
| 62 | Soldering wire                                | Pcs   |  |
| 63 | Soldering guns                                | Pcs   |  |
| 64 | Solder sucker                                 | pcs   |  |
| 65 | 8085 Microprocessor Trainer                   | Pkt   |  |
| 66 | Board protractor                              | Pcs   |  |
| 67 | Board set squares 45                          | Pcs   |  |
| 68 | Board Pair of compass                         | Pcs   |  |
| 71 | Insulation tapes R,Y,B \$ G                   | Pcs   |  |

|     |  |       |  |
|-----|--|-------|--|
| 72  | White out  | Pcs   |  |
| 73  | Scalpels ( surgical blades)                          | Pcs   |  |
| 78  | Florescent fitting complete 2ft                      | Pcs   |  |
| 79  | Florescent fitting complete 4ft                      | set   |  |
| 80  | Incandescent lamps 60W                               | Pcs   |  |
| 81  | Bench Mounted Electric Grinder                       | Pcs   |  |
| 84  | Wattmeter , 3 Phase                                  | Pcs   |  |
| 85  | Frequency Meter                                      | Pcs   |  |
| 86  | Galvanometer (Central Zero)                          | Pcs   |  |
| 87  | Insulation Resistance Tester                         | pcs   |  |
| 88  | Line Earth Loop Impedance Tester                     | pcs   |  |
| 89  | Transformer Tester                                   | pcs   |  |
| 90  | Allan Screw Set                                      | pcs   |  |
| 91  | Electrician Tool Kit                                 | pcs   |  |
| 92  | Pipe Stocks and Die                                  | pcs   |  |
| 93  | Charge Controllers for Solar System                  | pcs   |  |
| 94  | Dish Reflectors – for Solar Harvesting               | pcs   |  |
| 95  | Parabolic Reflectors – for Solar Harvesting          | rolls |  |
| 96  | Solar Batteries 100 Ah                               | pcs   |  |
| 97  | Solar Concentrators                                  | pcs   |  |
| 98  | Lead Acid Cells                                      | pcs   |  |
| 99  | Microprocessor Units                                 | pcs   |  |
| 100 | PLC Control Interface Panel for Measurement of Level | pcs   |  |
| 101 | Programmable DC Electronic Loads                     | pcs   |  |
| 102 | Programmable DC Power Supplies                       | pcs   |  |
| 104 | Shearing machines                                    | pcs   |  |
| 105 | Auto Transformers                                    | pcs   |  |
| 106 | Bell Transformers                                    | mts   |  |
| 107 | Current Transformers                                 | pcs   |  |
|     | Variable Transformers                                | pcs   |  |
|     | Capacitor Start – Run Motor                          | pcs   |  |
|     | DC Compound Motor                                    | pcs   |  |
|     | Repulsion Induction Motor                            | pcs   |  |
|     | Shaded Pole Motor                                    | pcs   |  |
|     | Three Phase Induction Motor 2 HP                     | pcs   |  |
|     | Three Phase Synchronous Motor 2HP                    | pcs   |  |
|     | Three Phase Wound Rotor Motor 2HP                    | pcs   |  |
|     | Universal Motor                                      | pcs   |  |
|     | AC Single Phase Generator                            | pcs   |  |
|     | DC Compound Generator                                | pcs   |  |
|     | DC Shunt Generator                                   | pcs   |  |
|     | DC Power Supply Units                                | pcs   |  |
|     | Digital Counter                                      | pcs   |  |
|     | Electronic/Electrical Bell Indicator Boards          | pcs   |  |
|     | Electronic Tool Kit                                  | pcs   |  |

|  |                      |     |  |
|--|----------------------|-----|--|
|  | Flat Plate Collector | pcs |  |
|  |                      |     |  |