

**FPROJECT:193198- INTRODUCTION OF B.TECH PROGRAM AT GOVT. COLLEGE OF TECHNOLOGY KHAR DISTRICT BAJAUR**

**location: Bajaur District**

**SOR FOR (ELECTRICAL TECHNOLOGY – Electrical Machine I)**

**PLEASE ORGANIZE YOUR BID AS FOLLOWS;**

- 1) Bidder can bid for items as per Schedule of requirement published on KPTEVTA Website and having specialty /experience as described in BSD.
- 2) The Items/Equipment must have Minimum Specification acceptable to the Technical Committee of KP-TEVTA; however the higher specification may be accepted if within the financial limit.
- 3) All bidders must submit the relevant details of bid/proposals duly labelled by a permanent marker with the name of bidder and also to provide documents in soft copies (MS WORD format) on USB drive
- 4) The Supplier shall write in bold & legible letters "Name of the Project" on the envelope.
- 5) The supplier will submit the tender documents properly Computer Typed and each page shall be endorsed and numbered along with terms and condition issued by the KP-TEVTA dully signed by the authorized personnel with company seal; otherwise the bid will not be accepted. The bidder will be responsible for standard local warranty given by the manufacturer where applicable.

| <b>S.NO</b> | <b>NAME OF ITEMS</b>                                                   | <b>QTY</b> |
|-------------|------------------------------------------------------------------------|------------|
| 1           | DC Permanent Magnet Machine                                            | 2          |
| 2           | DC Shunt Wound Machine                                                 | 2          |
| 3           | DC Series Wound Machine                                                | 2          |
| 4           | DC Compound Wound Machine                                              | 2          |
| 5           | Universal Motor                                                        | 2          |
| 6           | Single Phase Transformer                                               | 2          |
| 7           | Single Phase Transformer with Variable Output                          | 2          |
| 8           | Single Phase Auto Transformer                                          | 2          |
| 9           | Three Phase Transformer                                                | 2          |
| 10          | DC Motor Field Regulator                                               | 2          |
| 11          | DC Generator Field Regulator                                           | 2          |
| 12          | Digital RPM Meter                                                      | 2          |
| 13          | Digital Power Factor Meter                                             | 2          |
| 14          | Magnetic Power Brake Unit Compatible with the Above Mentioned Machines | 2          |
| 15          | Brake Controller Unit                                                  | 2          |
| 16          | Coupling Sleeves                                                       | 5          |
| 17          | Coupling Guard                                                         | 5          |
| 18          | Shaft End Guard                                                        | 2          |
| 19          | Power Supply                                                           | 2          |

|    |                                                                                                    |   |
|----|----------------------------------------------------------------------------------------------------|---|
| 20 | Load Switch                                                                                        | 2 |
| 21 | Reversing Switch                                                                                   | 2 |
| 22 | Star-Delta Switch                                                                                  | 2 |
| 23 | Selector Switch                                                                                    | 2 |
| 24 | Universal Starter                                                                                  | 2 |
| 25 | 3-Phase Load Resistor                                                                              | 2 |
| 26 | 3-Phase Load Inductor                                                                              | 2 |
| 27 | 3-Phase Load Capacitor                                                                             | 2 |
| 28 | AC Power Energy Meter                                                                              | 2 |
| 29 | Ammeter                                                                                            | 2 |
| 30 | Voltmeter                                                                                          | 2 |
| 31 | Machine Bed                                                                                        | 2 |
| 32 | Digital Oscilloscope<br>Tektronix: TDS-2022C, 2 channels 200MHz<br>2 GS/s Digital Storage          | 5 |
| 33 | Digital Multimeter<br>Meterman 38XR, Resolution 100 $\mu$ V<br>1000V AC/DC 10A AC/DC, 40M $\Omega$ | 5 |
| 34 | Dual Power Supply<br>TTi EX-354D<br>Dual Output, 35V, 4A, 280W                                     | 5 |
| 35 | Protoboard<br>GS PB-505A, 1.3 to15V, 500mA variable Dc supply<br>5V DC with 1A power supply        | 5 |

ASSISTANT DRECTOR (PROCUREMENT)