

## INVITATION FOR QUOTATION

TEQIP-III/2018/iotg/Shopping/11

20-Jul-2018

To,

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### Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	ELECTRIC DRIVES LAB	1	30	Institute of Technology, Gopeshwar	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
  - 3.1 The contract shall be for the full quantity as described above.
  - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **30** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

**Delivery and Installation - 0% of total cost**

**Satisfactory Acceptance - 100% of total cost**

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **2:00** hours on **10-Aug-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **YES**
14. Testing/Installation Clause (if any) **YES**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
**The Director, Institute of Technology, Gopeshwar, Kothiyalsain, Chamoli-246424, Uttarakhand**
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

**Annexure I**

Sr. No	Item Name	Specifications
1	ELECTRIC DRIVES LAB	<p style="text-align: center;"><b><u>ITEM NO.1</u></b></p> <p><b><u>TO STUDY SPEED CONTROLL OF SEPARATELY EXCITED DC MOTOR BY VARYING ARMATURE VOLTAGE THROUGH SINGLE PHASE FULLY CONTROLLED BRIDGE CONVERTER DRIVE TRAINER.</u></b></p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>✓ Aluminium Profile Modular System consisting of different type of modules.</li> <li>✓ Educational Bench Top Model with schematic / block diagram of the test circuit engraved on the panel.</li> <li>✓ Test points &amp; measurement points brought out and connected to 2mm plastic &amp; BT15/30 terminals circuit setup for testing through in reconnections of patch cards.</li> </ul>

✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.

**Technical Specifications:**

1) Digital Meters: Voltage (0-300V) & Current Measurement (0-10A)

2) Digital RPM counter

3) Double Pole MCB

4) LED Indicators

5) D.C. MOTOR:

- ✓ Type: DC Motor, separately excited, screen protected, horizontal foot mounted, fan cooled, Capacity: 1 HP, Winding: Shunt wound, R.P.M.: 1500, Volts. : 230, Insulation: Class 'B', Armature and field sockets brought out to connect to the panel

**6. FIRING CIRCUIT:**

- ✓ Line Synchronizing Op-Amp based triggering circuit
- ✓ Firing Pulse Generator Digital type
- ✓ Potentiometer used to vary the triggering circuit
- ✓ Pulse output terminals
- ✓ 1:1 Pulse Transformer 1 KVA
- ✓ Step Down Transformer Firing Circuit.

**7. POWER CIRCUIT**

- ✓ Four SCR's (600V/12A)
- ✓ Suitable RC Snubber Circuit
- ✓ Free Wheeling Diode

**8. LOAD**

- ✓ Consist of resistive load (100Wx1)
- ✓ Lamp Holder
- ✓ Lamp 250 Volts or
- ✓ Inductive Load

9. 1:10 Attenuator for RRO

10. Isolated 220V AC for CRO

11. Field & armature terminals for DC shunt motor

12. Uncontrolled DC output 220V for field voltage of DC motor

**ITEM NO. 2**

**TO STUDY SPEED CONTROL OF SEPARATELY EXCITED DC MOTOR BY VARYING ARMATURE VOLTAGE THROUGH SINGLE PHASE HALF CONTROLLED BRIDGE CONVERTER DRIVE TRAINER.**

**Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules.
- ✓ Educational Bench Top Model with schematic / block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.
- ✓

**Technical Specifications:**

- 1) Digital Meters: Voltage (0-300V) & Current Measurement (0-10A)
- 2) Digital RPM counter
- 3) Double Pole MCB
- 4) LED Indicators
- 5) D.C. MOTOR:
  - ✓ Type: DC Motor, separately excited, screen protected, horizontal foot mounted, fan cooled, Capacity: 1 HP, Winding: Shunt wound, R.P.M.: 1500, Volts. : 230, Insulation: Class 'B', Armature and field sockets brought out to connect to the panel

**6. FIRING CIRCUIT:**

- ✓ Line Synchronizing Op-Amp based triggering circuit
- ✓ Firing Pulse Generator Digital type
- ✓ Potentiometer used to vary the triggering circuit
- ✓ Pulse output terminals
- ✓ 1:1 Pulse Transformer 1KVA
- ✓ Step Down Transformer Firing Circuit.

### **7. POWER CIRCUIT**

- ✓ Two SCR's (600V/12A)
- ✓ Suitable RC Snubber Circuit
- ✓ Two Diodes (600V/6A)

### **8. LOAD**

- ✓ Consist of resistive load (100Wx1)
- ✓ Lamp Holder
- ✓ Lamp 250 Volts

9. 1:10 Attenuator for RRO

10. Isolated 220V AC for CRO

11. Field & armature terminals for DC shunt motor

12. Uncontrolled DC output 220V for field voltage of DC motor

### **ITEM NO.3**

### **TO STUDY SPEED CONTROL OF SEPARATELY EXCITED DC MOTOR USING SINGLE PHASE DUAL CONVERTER (STATIC WARD-LEONARD CONTROL)**

#### **Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules.
- ✓ Educational Bench Top Model with schematic / block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.

#### **Technical Specifications:**

- 1) Power Circuit consisting of two single phase fully controlled bridge converter connected in anti-parallel.
- 2) Center Tap Inductor required for circulating mode operation of dual converter.
- 3) Digital Meters: Voltage & Current Measurement
- 4) Digital RPM counter
- 5) Double Pole MCB
- 6) LED Indicators
- 7) D.C. MOTOR:

- ✓ Type: DC Motor, separately excited, screen protected, horizontal foot mounted, fan cooled, Capacity: 1HP, Winding: Shunt wound, R.P.M.: 1500, Volts. : 230, Insulation: Class 'B', Armature and field sockets brought out to connect to the panel

#### **9. FIRING CIRCUIT:**

- ✓ 1:1 Pulse Transformer
- ✓ Step Down Transformer Firing Circuit
- ✓ Micro controller based firing circuit which generates firing pulses for both P and N converters for Precise Control.
- ✓ Pulse Output Terminal
- ✓ Power Circuit Terminal
- ✓ firing angle Display

#### **8. POWER CIRCUIT**

- ✓ Four SCR's (600V/12A)

#### **9. LOAD**

- ✓ Lamp load for short Circuit protection

10. Field & armature terminals for DC shunt motor

11. Uncontrolled DC output 220V for field voltage of DC motor

12. DSO 2 channel 25Mhz, 500msps, 2.5 kpts

### **ITEM NO. 4**

#### **TO STUDY SPEED CONTROL OF SEPARATELY EXCITED DC MOTOR USING MOSFET/IGBT CHOPPER. (MOSFET/IGBT CHOPPER TRAINER)**

##### **Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules
- ✓ Educational Bench Top Model with schematic / block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures,

Connection diagrams will be supplied with experimental set up.

**Technical Specifications:**

1. Digital Meters: Voltage & Current Measurement
2. Digital RPM counter
3. Double Pole MCB
4. LED Indicators
5. D.C. MOTOR:
  - Type: DC Motor, separately excited, screen protected, horizontal foot mounted, fan cooled, Capacity: 1 HP, Winding: Shunt wound, R.P.M.: 1500, Volts. : 230, Insulation: Class 'B', Armature and field sockets brought out to connect to the panel
6. **FIRING CIRCUIT:**
  - ✓ PWM Controller IC based Triangular wave generation for Mosfet Chopper
  - ✓ Potentiometer for PWM Frequency adjustment.
  - ✓ Potentiometer for PWM duty cycle adjustment
7. **POWER CIRCUIT**
  - ✓ IGBT/MOSFET (600V/12A)
  - ✓ Single quadrant Chopper control Circuit, Mosfet Power Circuit
  - ✓ Mosfet used for Power Circuit (Armature Circuit & Field Circuit of DC Motor)
  - ✓ 110V DC, provide for Power Circuit input.
  - ✓ Step Down Transformer
8. Field & armature terminals for DC shunt motor
9. DSO 2 channel 25Mhz, 500msps, 2.5 kpts

**ITEM NO. 5**

**TO STUDY CLOSED LOOP CONTROL OF SEPARATELY EXCITED DC MOTOR. (DC MOTOR SPEED CONTROL DEMONSTRATION/ TRAINER UNIT)**

**Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules
- ✓ Educational Bench Top Model with schematic/ block diagram of the



		<p>test circuit engraved on the panel.</p> <ul style="list-style-type: none"> <li>✓ Test points &amp; measurement points brought out and connected to 2mm plastic &amp; BT15/30 terminals circuit setup for testing through in reconnections of patch cards.</li> <li>✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.</li> </ul> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"> <li>1. Digital Meters: Voltage &amp; Current Measurement</li> <li>2. Digital RPM counter</li> <li>3. Double Pole MCB</li> <li>4. LED Indicators</li> <li>5. D.C. MOTOR: <ul style="list-style-type: none"> <li>✓ Type: DC Motor, separately excited, screen protected, horizontal foot mounted, fan cooled, Capacity: 1HP, Winding: Shunt wound, R.P.M.: 1500, Volts. : 230, Insulation: Class 'B', Armature and field sockets brought out to connect to the panel</li> </ul> </li> </ol> <p><b>6. FIRING CIRCUIT:</b></p> <ul style="list-style-type: none"> <li>✓ Potentiometer as input transducer for converting reference voltage. It will be suitably marked.</li> <li>✓ Feedback Arrangement Tacho / Armature</li> <li>✓ Summing amplifier to receive inputs, reference signal and tachgenerator output. This amplifier will have an adjustable gain.</li> <li>✓ A DC Tacho- generator/speed sensor will be also used to indicate the motor speed in RPM.</li> <li>✓ Thyristor converter using single phase half controlled converter to control DC motor through armature and power supply for field winding and electronic amplifier.</li> <li>✓ Step Down Transformer Firing Circuit.</li> <li>✓ 1:1 pulse Transformer.</li> </ul> <p><b>7. POWER CIRCUIT</b></p> <ul style="list-style-type: none"> <li>• Four SCR's (600V/12A)</li> </ul> <ol style="list-style-type: none"> <li>8. Pot for Open Loop</li> <li>9. Pot for Closed Loop</li> <li>10. Pot for Gain</li> <li>11. Tachometer Panel type</li> <li>12. Suitable protection for the electronic circuits and motor.</li> </ol>
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**ITEM NO. 6**

**TO STUDY SPEED CONTROL OF SINGLE PHASE INDUCTION MOTOR USING SINGLE PHASE AC VOLTAGE CONTROLLER. (MICRO CONTROLLER BASED)**

**Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules
- ✓ Educational Bench Top Model with schematic/ block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.

**Technical Specifications:**

1. Digital Meters: Voltage & Current Measurement
2. Digital RPM counter
3. Double Pole MCB
4. LED Indicators
5. A.C. MOTOR:
  - ✓ AC Induction Motor 0.5HP, Capacitor start 1phase 230V AC, 50Hz, 1440rpm, TEFC, IP44, IC01, Class-B, and Single Shaft Extension.

**6. FIRING CIRCUIT:**

- ✓ Micro Controller based Firing circuit for precise control.
- ✓ Step Down Transformer Firing Circuit.
- ✓ Firing Angle Display.
- ✓ Facility for firing angle control using a potentiometer

**7. POWER CIRCUIT**

- ✓ Two SCR's (600V/12A) in Back to Back configuration

**8. LOAD**

- ✓ Motor Mounted on MS Base with mechanical loading arrangement with pulley, belt, Spring Balance.

- ✓ DSO 2 channel 25Mhz, 500msps, 2.5 kpts

### ITEM NO.7

#### TO STUDY SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING THREE PHASE AC VOLTAGE CONTROLLER. (THREE PHASE AC VOLTAGE CONTROLLER TRAINER)

##### **Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules
- ✓ Educational Bench Top Model with schematic/ block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.

##### **Technical Specifications:**

1. Digital Meter: Voltage & Current Measurement
2. Digital RPM counter
3. TPN MCB
4. LED Indicators
5. A.C. MOTOR:
  - ✓ Three Phase, 415V 1.0 HP squirrel cage induction motor drive by Micro Control Based Firing angle along with motor-generator set. Consisting of AC Induction Motor 1HP 415V, 1440RPM coupled to DC shunt Generator 230V with Lamp Bank load.

##### **6. POWER CIRCUIT**

- ✓ It consist of 6 Thyristors connected in anti-parallel (2SCRs in each phase) by controlling the firing angle of the thyristors connected in anti-parallel in each phase, the rms value of the stator voltage can be regulated. As a consequence, motor torque and thus speed of the drive is controlled.

##### **7. CONTROL CIRCUIT**

- ✓ FCR-100 (8051) microcontroller based SCR Bridge controller

is used for controlling the firing circuit.

- ✓ Soft push buttons provided for increasing or decreasing the firing angle.
- ✓ 3-phase MCB.
- ✓ LCD display of the firing angle.
- ✓ 10:1 Attenuator with Isolation Transformer for observation of wave form on CRO.
- ✓ DSO 2 channel 25Mhz, 500msps, 2.5 kpts

### ITEM NO. 8

#### TO STUDY SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING THREE PHASE CURRENT SOURCE INVERTER. (THREE PHASE CURRENT SOURCE INVERTER TRAINER)

##### **Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules
- ✓ Educational Bench Top Model with schematic/ block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.

##### **Technical Specifications:**

1. Digital Meter: Voltage & Current Measurement
2. Digital RPM counter
3. TPN MCB
4. LED Indicators
5. A.C. MOTOR:
  - ✓ Three Phase, 415V 1.0 HP squirrel cage induction motor drive by Micro Control Based Firing angle along with motor-generator set. Consisting of AC Induction Motor 1HP 415V, 1440RPM coupled to DC shunt Generator 230V with Lamp Bank load.

#### **6. POWER CIRCUIT**

- ✓ It consist of 6 Thyristors connected in anti-parallel (2SCRs in each phase) by controlling the firing angle of the thyristors connected in anti-parallel in each phase, the rms value of the stator voltage can be regulated. As a consequence, motor torque and thus speed of the drive is controlled.

#### **7. CONTROL CIRCUIT**

- ✓ FCR-100 (8051) microcontroller based SCR Bridge controller is used for controlling the firing circuit.
- ✓ Soft push buttons provided for increasing or decreasing the firing angle.
- ✓ 3-phase MCB.
- ✓ LCD display of the firing angle.
- ✓ 10:1 Attenuator with Isolation Transformer for observation of wave form on CRO.
- ✓ CRO 10Hz-1Mhz for AC, 0-1Mhz for DC

### **ITEM NO.9**

#### **TO STUDY SPEED CONTROL OF THREE PHASE INDUCTION MOTOR USING THREE PHASE VOLTAGE SOURCE INVERTER. (THREE PHASE VOLTAGE SOURCE INVERTER TRAINER)**

##### **Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules.
- ✓ Educational Bench Top Model with schematic/ block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.

##### **Technical Specifications:**

1. Digital Meter: Voltage & Current Measurement
2. Digital RPM counter
3. TPN MCB
4. LED Indicators
5. A.C. MOTOR:
  - ✓ AC Induction Motor 1 HP, 3 Phase, 415V AC, 50Hz, 1440rpm, TEFC, IP44, IC01, Class-B, and Single Shaft Extension.
6. **FIRING CIRCUIT:**
  - ✓ Bridge Rectifier for working as DC Source.
  - ✓ IGBT Driver Circuit.
  - ✓ Three Phase Bridge Circuit.
  - ✓ A Digital Circuit Controller to provide pulse to the IGBT Driver Circuit.
  - ✓ Three Phase Induction Motor TFC Enclosure is connected as load across the three phase bridge circuit.
7. **POWER CIRCUIT**
  - ✓ Six MOSFET/IGBT (600V/25A)

**ITEM NO.10**

**TO STUDY SPEED CONTROL OF THREE PHASE SLIP RING INDUCTION MOTOR USING STATIC ROTOR RESISTANCE CONTROL USING RECTIFIER AND COPPER. (STATIC ROTOR RESISTANCE CONTROL USING RECTIFIER AND COPPER TRAINER)**

**Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules.
- ✓ Educational Bench Top Model with schematic/ block diagram of the test circuit engraved on the panel.
- ✓ Test points & measurement points brought out and connected to 2mm plastic & BT15/30 terminals circuit setup for testing through in reconnections of patch cards.
- ✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.

**Technical Specifications:**

1. Digital Meter: Voltage & Current Measurement
2. Digital RPM counter
3. TPN MCB
4. DOL starter three phase.
5. LED Indicators
6. AC MOTOR:
  - ✓ AC Induction Motor 1 HP, 3 Phase, 415V AC, 50Hz, 1440rpm, TEFC, IP44, IC01, Class-B, Single Shaft Extension.
7. CONTROL CIRCUIT:
  - ✓ The control circuit generates driver output for driving the MOSFET in chopper mode. The duty cycle can be varied from 0% to 90%. The frequency can be varied.
  - ✓ Soft start and soft stop is provided for driver output.
8. POWER CIRCUIT:
  - ✓ One MOSFET / IGBT (600V/25A)
  - ✓ 3 phase bridge rectifier to convert 3-phase rotor supply to DC supply. An indicator is connected in series with the DC supply for smoothing of a DC. A Glass fuse is connected in series with the DC supply.
  - ✓ An IGBT is provided for chopper control MOSFET is mounted on a proper heat sink. Snubber circuit is connected across MOSFET for dv/dt. A fuse is also provided for protection. All the points are brought out on the front panel for interconnection.
  - ✓ Six power Diodes (600V/12A) to rectify Wound Rotor generated AC
  - ✓ Resistor for starting

**ITEM NO.11**

**TO STUDY SPEED CONTROL OF THREE PHASE SLIP RING INDUCTION MOTOR USING STATIC SCHERBIUS SLIP POWER RECOVERY CONTROL SCHEME. (STATIC SCHERBIUS SLIP POWER RECOVERY CONTROL SCHEME TRAINER)**

**Features:**

- ✓ Aluminium Profile Modular System consisting of different type of modules.
- ✓ Educational Bench Top Model with schematic/ block diagram of

		<p>the test circuit engraved on the panel.</p> <ul style="list-style-type: none"><li>✓ Test points &amp; measurement points brought out and connected to 2mm plastic &amp; BT15/30 terminals circuit setup for testing through in reconnections of patch cards.</li><li>✓ Complete illustrated manual covering brief theory of equipment along with technical details and experimental procedures, Connection diagrams will be supplied with experimental set up.</li></ul> <p><b>Technical Specifications:</b></p> <ol style="list-style-type: none"><li>1. Digital Meter: Voltage &amp; Current Measurement</li><li>2. Digital RPM counter</li><li>3. TPN MCB</li><li>4. DOL starter three phase.</li><li>5. LED Indicators</li><li>6. AC MOTOR:<ul style="list-style-type: none"><li>✓ 1 HP Induction Motor Slip ring Type for demonstration of speed of Induction motor.</li></ul></li></ol> <p><b>7. POWER CIRCUIT:</b></p> <ul style="list-style-type: none"><li>✓ One MOSFET / IGBT (600V/25A)</li><li>✓ Six power Diodes (600V/12A) to rectify Wound Rotor generated AC</li><li>✓ Resistor for starting</li></ul>
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**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

\_\_\_\_\_  
\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_