



# PUNJAB INDUSTRIAL ESTATES DEVELOPMENT AND MANAGEMENT COMPANY

## Request for Quotation

### **Sub: PROCUREMENT OF TOOLS FOR ELECTRIC CONNECTION, OPERATION AND MAINTENANCE AT RAHIM YAR KHAN INDUSTRIAL ESTATE**

Punjab Industrial Estates Development and Management Company (PIEDMC) was established by Govt. of the Punjab, to facilitate the industrial growth of Punjab.  
PIEDMC intends to procure Tools as per list below and specification attached:

Sr.No	Tool Name	Unit	Quantity	Rate	Amount	Remarks
1	Cable Cutter Large upto 300mm	No	1			
2	Cable Knife	No	1			
3	Insulation Tester Digital 10KV	No	1			
4	Lugs press hydraulic with pump 300mm -1000mm	No	1			
5	Lugs press hydraulic 16mm - 300mm	No	1			
6	Socket Wrench Set	No	1			
7	Bearing Puller	No	1			
8	HT detector	No	1			
9	Phase Sequence Meter	No	1			
10	Grinder 6'' with cutting disk & grinder disk 6''	No	01 Each			
11	Chain Block Hoist Ratchet Lever pulley (2ton) with Griper (24mm)	No	1			
12	Bench vice	No	1			
13	Pedestal Drill Machine With 3 phase motor	No	1			
14	Measuring Tape (steel) 30 meter,	No	1			
15	Measuring Tape (steel) 100 meter.	No	1			
16	Safety Shoes	Set	3			Size 42
<b>SUB TOTAL (Rs.)</b>						
<b>SALES TAX (Rs.)</b>						
<b>GRAND TOTAL INCLUDING ALL APPLICABLE TAXES</b>						

Please follow the instructions /conditions given below:

1. Supplier must be registered with FBR for Income Tax / Sales Tax.



**Head Office:** Commercial Area (North) Sundar Industrial Estate, Raiwind Road, Lahore.  
Tel: 042-35297203-6, Fax: 042-35297207  
Website: [www.pie.com.pk](http://www.pie.com.pk)

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2. The quotation should be sealed accompanied bid security of Rs. 45,000/- in shape of Pay Order/ Demand Draft / CDR in Favor of PIEDMC. Bid Security will be released on supply of all the tools / equipment.
3. All procurement will be carried out as per PPRA rules 2014(amended up to date) Single Stage One Envelop procedure and Purchase Order will be issued to the lowest evaluated responsive bidder.
4. The product offered must meet all of the specifications attached with this RFQ failing which quotation will stand non-responsive. Documentary evidence for the fulfillment of above specifications must be attached with the quotation
5. Your quotation must be valid for minimum 120 days from bid opening date.
6. Delivery Schedule should be attached with quotation and shall not more than Ten (10) days from the date of issuance of Purchase Order.
7. The price should be inclusive of all taxes, G.S.T and other levies applicable under law of Pakistan.
8. Supply, at PIEDMC Head office Sunder Industrial Estate Lahore is sole responsibility of supplier. Moreover, supply will be rejected if not received as per specification.
9. In case of delay in completion of works against given/decided schedule 0.5% of final bid /day will be charged as liquidity damage and maximum up to 10% of Purchase Order amount.
10. Payment shall be made to the supplier through cross cheque / Pay Order as per mode given below.
  - a) 95% on full delivery at site after acceptance note, Payment invoice will be submitted with documents i.e. Warranty Certificate, Inspection certificate, Certificate of origin, Acceptance Note.
  - b) 05% after completion of warranty period/minimum one year.
11. Sealed quotations must be received on or before **16<sup>th</sup> March, 2020**, by **1100 hours** and will be opened on same day at **1130 Hrs.** publically at PIEDMC Head Office Sunder Industrial Estate Rai-wind Road Lahore. Final Evaluated Lowest Responsive Bidder will be announced after the detail evaluation.



## **SPECIFICATIONS OF TOOLS FOR NEW CONNECTION AND O&M AT RAHIM YAR KHAN INDUSTRIAL ESTATE**

### **A. Cable Cutter Large:**

Make: China/Taiwan  
Cutting Range:  
For Copper Cable 400 mmSq.  
For Aluminium Cable 500 mmSq.  
FRP Insulated Handle.

### **B. Cable Knife:**

Make: EU/UK/USA.  
Retractable Knife 155 mm.  
Die Cast Body.  
Blade Storage in Handle.

### **C. Insulation Tester Digital 10 KV**

Make: EU/UK/USA.

**Test Voltage:** 500 V, 1,000V, 2500V, 5,000V, 10,000V.

**Resistance Range:** 10 kΩ to 20 TΩ @ 10 kV.

**Test Voltage Accuracy:** +4%, -0%, ±10 V nominal test voltage at 1 GΩ load (0°C to 30°C)

**Resistance Range:** 10 kΩ to 20 TΩ @ 10 kV

**Battery Life:** 4.5 hours (typical) continuous testing at 10 kV with a 100 MΩ load

**Accuracy (20 °C)**

	10 kV	5000V	2500V	1000V	500 V
±5% from 1MΩ to	2TΩ	1TΩ	500GΩ	200GΩ	100 GΩ
±20% from 1MΩ to	20TΩ	10TΩ	5TΩ	2TΩ	1TΩ

**Max. Output voltage:** 10 kV

**Max. Resistance:** 20 TΩ

**Accuracy from 1 MΩ to**

±5% ≤ 2 TΩ

±20% to 20 TΩ

**Short circuit output current:** 3 mA

**Max. Noise rejection:** 3 mA

**Safety rating (to max. altitude):** CAT IV 600 V

**Max. Altitude:** 3000 m

**Battery charge (Time):** 2.5 hrs.

**Battery life single charge:** 4.5 hrs.

**USB interface:** Yes

**On-board memory:** Yes

**Temperature value stored:** Yes

**Time / date stamped results:** Yes





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**Compact / lightweight:** 10 lb. (4.5 kg)

**Easy rotary switch operation:** Yes

**Digital / analogue display:** Yes

**Display backlight:** Yes

**Voltage output measurement:** Yes

**Dedicated voltmeter:** Yes

**Default voltmeter function:** Yes

**Included Accessories:**

1. Power lead
2. USB cable
3. Product information and Software CD
4. 10 ft. (3 m) lead set x 3, large insulated clips
5. Portable Transport case.

### **D. Lug Press Hydraulic with Pump 300mm-1000mm**

Make: China/Taiwan

Crimping Range:

70-800mm<sup>2</sup> hexagon crimping range

30 tons output

Standard dies set (5pieces)

300/400/500/630/800mm<sup>2</sup>

### **E. Lug Press Hydraulic with Pump 16mm-300mm**

Make: China/Taiwan

Crimping Range:

10-400mm<sup>2</sup> hexagon crimping range

18 tons output

Standard dies set (10pcs):

35/50/70/95/120/150/185/240/300/400mm<sup>2</sup>

### **F. Socket Ratchet Set/ Socket Wrench Set:**

Make: EU/UK/USA.

Sockets: Bi-Hex –8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21,22, 23, 24, 26, 28, 29, 30, 32mm

Extension Bar: 75, 150 & 250mm

1/2in Square Drive

### **G. Bearing Puller**

Make: China/Taiwan

Kit contents

3 x puller arm A1–135 mm (5.3 in.)

3 x puller arm A2–135 mm (5.3 in.)

3 x puller arm A3–137 mm (5.4 in.)

3 x puller arm A4–162 mm (6.4 in.)

3 x puller arm A5–167 mm (6.6 in.)



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3 x puller arm A6–170 mm (6.7 in.)  
2 x spindle and nut  
1 x handle  
Effective arm length: 135–170 mm (5.3–5.7 in.)

### **H. H.T Detector/ High Voltage Detector:**

Make: China/Taiwan  
Withstand voltage: 100kV / 300mm: 1 minutes  
Insulation resistance: 2000MΩ min by 1kV  
Leakage current: 100uA or less than 100uA at withstand voltage test  
Measuring voltage range: 6kV~81.5kV  
Operation start voltage (To ground): 2.7kV  
Display Light: Flashing red light.  
Sound: Intermittent sound 50 dB apart 3 m.  
Frequency: 50/60Hz  
Safety standards: IEC / EN 61243-1, Water Proof.  
Overall Length: Retracted: 1370±50mm  
Extracted: 2450±50mm

### **I. Phase Sequence Meter**

Make: EU/UK/USA.  
Voltage Range: 40-700V  
Safety Standard IEC61010  
Dust/Water Resistance: IP 40  
Overvoltage category: CAT IV

### **J. Grinder with cutting Disc:**

Make: EU/UK/USA.  
Rated input power\*: 2,400 W  
No-load speed\*: 8,500 rpm  
Disc diameter\*: 180 mm  
Switch: Tri-Control  
With accessory set:  
Backing flange  
Protective guard  
Locking nut  
Vibration Control auxiliary handle

### **K. Chain Block Hoist Ratchet Lever Pulley with Gripper:**

Make: EU/UK/USA.  
Capacity: 2 Ton  
Gripper Size: 24mm

### **L. Bench Vice**

Make: EU/UK/USA.



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Heavy Duty

Throat Depth (mm): 105 mm

Clamping Capacity (mm): 150mm

Clamping force (kg): 2200kg

### **M. Pedestal Drill Machine with 3-Phase Motor:**

Make: China/Taiwan

Motor: 2HP 3Ph, Prewired 440V

Voltage: 220/440 Volts

Range of Spindle Speeds: 300 to 2000 RPM

Spindle Taper: 3 MT

Quill Diameter: 3 Inches

Max Distance Spindle to Table: 32-3/8 Inches

T-Slots Number and Size: 2 & 5/8 Inches

Drilling Capacity: 1 Inch

Column Diameter: 4-1/2 Inches

Drilling Capacity Cast Iron: 1-1/4 Inches

Drilling Capacity Mild Steel: 1 Inch

Quill Travel: 6 Inches

### **N. Measuring Tape 30 Meter /Closed Case Steel Blade:**

Make: China/Taiwan

Length: Approx. 30 Meter

Steel Blade

Easy Rewind Drum

Coated Blade for longer life.

### **O. Measuring Tape 100 Meter / Open Case Fiberglass**

Make: China/Taiwan

Length: Approx. 100 Meter

Fiber Glass Tape

Gear Ratio for Easy Rewind

### **P. Electrical Safety Shoes:**

Make: EU/UK/USA.

Shoe Size: 42 No.



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