

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

Name of Office: Superintending Engineer, EHV Projects Circle, Kolhapur.
Office Address: Udyog Bhavan, Assembly Road, Kolhapur.
Contact No : 0231- 2660596(P), 0231- 2660597(O)
Email Id: se3600@mahatransco.in
Website: www.mahatransco.in

Ref. : SE/EHV PC/KOP/Tech/No. 0233

Date : 06.03.2024

Sub :- E-Enquiry for the supply of safety shoes.

Dear Sir,

Please send your sealed quotation for the of following material under given terms and condition, given below so as to reach this office on or before dt. 12.03.2024 upto 5.30 pm

Sr. No.	Description of work	Qty.	Unit	Estimated Rate per No in Rs.
1	Good Quality safety shoes of various sizes (06 Nos – 03, 7 Nos – 04, 08 Nos – 07, 09 Nos – 11, 10 Nos – 08, 12 Nos – 01) Electrically safe which can with stand minimum 15 kV for 1 minute and as per technical specifications attached separately.	34	Nos.	2832.00

1) Above rates are inclusive GST.

2) Fill the bid as % Below / At Par against the estimated cost above

.....% Below (write value or scratch)

.....At Par (write At Par or scratch)

TERMS AND CONDITIONS :

- 1) Mode/ Destination of Supply – Office of Superintending Engineer EHV Projects Circle Kolhapur.
- 2) **Delivery** – The material is to be supplied within 45 days from the date of receipt of firm order otherwise penalty at the rate of ½% per delayed week or maximum 10% of ordered amount will be levied.
- 3) **Offer** – Quotation in sealed envelope should be supercribed with the above referred enquiry Number and Name.
- 4) **Rate** – Rates should be firm and including of all taxes, freight charges etc. **GST will be paid extra** as per provisions and rules made there under in the CGST/SGST/IGST and relevant GST Act applicable from 01.07.2017.
- 5) **Quantity** – The quantity shown in the above table is tentative and subject to variation on either side.
- 6) **Payment** – Payment will be released within 15 to 30 days against final SAP formalities
- 7) **Taxes** – Will be deducted as per prevailing rates.
- 8) **Registration Nos.** – Please furnish your GST Regn. No. TIN No./PAN/TAN as the case may be.
- 9) **Sample Approval** –The approval copy shall be submitted with the quotation. You should have to provide sample before quoting the rates & same should be got approved from undersigned of this office according to the specifications & colour code as decided by MSETCL/ undersigned. The approval letter should be submitted along with the quotation, otherwise the quotation will be rejected.
- 10) **Validity** – Quotation should be kept valid for 60 days from due date.
- 11) **Security Deposit** – You have to pay 10% S.D. on ordered amount after placement of order.
- 12) Quotation received late with incomplete details against above clauses will not be considered.
- 13) The undersigned reserves the right to accept or reject the bid.

Thanking You.

Yours faithfully,
Sd/-

**Superintending Engineer,
EHV Projects Circle Kolhapur.**

Copy to :
1) The Sr. Manager (F&A), EHV Projects Circle, Kolhapur.
2) The Manager (HR), EHV Projects Circle, Kolhapur.

Technical Specification for Electrical Safety shoes

SL. No.	CLAUSE	DESCRIPTION	SPECIFICATION
1	Design	Construction Seat Region Height of Upper Thread Eyelet Laces	Specially Injection Moulded Construction for enhanced strength. Closed Less than 113 mm. Nylon Black 12 Nos/Pair Aluminum Passivated Eyelets. 90 cm round Nylon Laces breaking strength 50-60 kg.
2	Toe Protection	General Construction Internal Length of Toe Cap Impact Resistance Compression Resistance	Toe-Caps are incorporated in such a way that they cannot be removed. Footwear is lined in the Toe Section. The lining at the edge of the toe caps extends to more than 5 mm beneath it, and more than 10 mm behind it. Made from Fiber/Composite toe. Above 39 mm. When tested at an impact energy of 200 Joules, the clearance under the toe caps at impact is above 14.0 mm. When tested at a compression load of 15 kN the clearance under the toe caps at impact is above 14.0 mm
3	Leather Upper	Construction Thickness Tear Strength Tensile Strength Water Vapour Permeability and Coefficient pH Value Chrome VI Content	Made from Buff Black Grain Appolo Leather. 1.8 mm ± 0.2 mm Above 120 N. Above 15 N/mm ² Above 0.8 mg/cm ² /h & Above 15.0 mg/cm ² Above 4 No harmful chrome content detected.
4	Tongue	Tear Strength	Above 18 N.
5	Vamp Lining	Construction Tear Strength Martindale Abrasion Resistance Water Vapour Permeability and Coefficient	Non-Woven Fabric Above 15 N. The lining does not develop holes when exposed to 25,600 dry cycles, and 12,800 wet cycles. Above 2.0 mg/cm ² /h & Above 20.0 mg/cm ²
6	Shoe Lining	Construction	Cambrelle Black inner lining

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		Tear Strength	Above 15 N.
		Martindale Abrasion Resistance	The lining does not develop holes when exposed to 25,600 dry cycles, and 12,800 wet cycles
		Water Vapour Permeability and Coefficient	Above 2.0 mg/cm ² /h & Above 20.0 mg/cm ²

7	Insole	Construction	Insole is incorporated in such a way that it cannot be removed.
		Thickness	Above 2.0 mm.
		Water Absorption Water Desorption	Above 70 mg/cm ² Above 80%
		Abrasion Resistance	No damage to the insole when exposed to 400 cycles.
8	Insock	Material & Colour	Soft EVA laminated with Black Netlon.
		Thickness	Above 3 mm.
		Martindale Abrasion Resistance	The lining does not develop holes when exposed to 25,600 dry cycles, and 12,800 wet cycles.
9	Outsole	Construction	Single Density Polyurethane
		Colour	Black
		Thickness	Above 6 mm.
		Tear Strength	More than 5 kN/m.
		Abrasion Resistance	Volume loss is less than 250 mm ³ .
		Flexing Resistance (30,000 cycles)	Cut growth is below 4 mm.
		Hydrolysis (150,000 cycles)	Cut growth is below 6 mm.
		Upper-Sole Bond Strength	Above 4 N/mm
		Resistance to Fuel Oil	Below 12%.
Cleated Outsole	More than 45% of fore-part covered with cleats. More than 25% of heel portion is covered with Cleats.		

10	ESR Property		Shoe is able to withstand 15 KV for 01 Minute.
11	Energy Absorption of Seat Region		Above 20 joules.

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12	Anti Slip Property		Co-efficient of friction is more than 0.32.
13	Heat insulationof sole complex		Below 22 ^o C. (The insulation cannot be damaged without damaging the footwear)
14	Cold insulationof sole complex		Below 10 ^o C. (The insulation cannot be damaged without damaging the footwear)
15	Hot contact (PU sole)		No damage to PU sole when exposed to a temperature of 150 ^o C for 1 minute.
16	Weight		Approx. 980 gm/Pair for Size 8.

Sd/-
Superintending Engineer,
EHV Project Circle, Kolhapur.