



SHOE & SOCKS SPECIFICATION		
Sl. No.	BHEL REQUIREMENT/SPECIFICATIONS	VENDOR SPECIFICATIONS
I	Requirement for MECHANICAL SAFETY SHOES :	
	a) The Shoe should confirm to IS:15298 standards.	
	b) Low Ankle Industrial Safety shoe made of Chrome Buff Leather.	
	c) Double Density Directly Injected PU sole.	
	d) Carbon Steel Toe cap to protect the feet in Heavy Engineering Industry. The steel toe cap shall withstand an impact of 200J against compression. Test certificate from govt. labs / national accredited test laboratories shall be submitted.	
	e) Eyelets shall be made of brass material.	
	f) The shoe shall be provided with Laces.	
	g) No nails should be used in the manufacture of the shoes.	
	h) The shoe shall be black in color.	
	i) Supplier shall submit free sample for technical evaluation.	
	j) Visible Markings : The shoe shall be marked with size, manufacturer name, month and year of manufacture.	
	k) Guarantee: The supplier shall give guarantee certificate to replace the shoes with manufacturing defects within twelve months of supply.	
	II	Requirement for ELECTRICAL SAFETY SHOES :
a) The Shoe should confirm to IS:15298 standards.		
b) Low Ankle industrial Safety shoe made of Chrome Buff Leather.		
c) Double Density Directly Injected PU sole.		
d) Hard Packing of Fibre / PVC to protect toes for Electricians.		
e) The shoe sole shall have to withstand 15kV(rms) for 1 minute. Test certificate from govt. labs / national accredited test laboratories shall be submitted.		
f) Eyelets shall be made of brass material.		
g) The shoe shall be provided with Laces.		
h) No nails should be used in the manufacture of the shoes.		
i) The shoe shall be black in color.		
j) Supplier shall submit free sample for technical evaluation.		

	k) Visible Markings : The shoe shall be marked with size, manufacturer name, month and year of manufacture.	
	l) Guarantee : The supplier shall give guarantee certificate to replace the shoes with manufacturing defects within twelve months of supply.	
III	Test Certificates:	
	a) Leather quality.	
	b) Abrasion resistance.	
	c) Oil skid resistance.	
	d) Carbon Steel Toe Cap.	
	e) Electrical resistance.	
	f) Penetration resistance.	
	g) Chemical resistance.	
	h) Test certificate from govt. labs / national accredited test laboratories along with the offer to be provided for electrician shoe for protection against electrical induced shock.	
	Certificate confirming to all relevant standards to be submitted along with the offer	
IV	Socks:	
	a) The socks shall be made of cotton material of reputed brands like,.. Bata, Anchor, Jockey, Allen cooper, Adidas, Nike, Reebok, Fila etc.,	
	b) Two pairs of socks shall be supplied in brown color	
	c) The socks should be free of manufacturing defects	
	d) The socks shall be free size	
	e) The upper end portion of the socks should have good elasticity for grip	
	f) The socks shall be properly packed	
	g) Supplier shall submit free sample for technical evaluation	
	h) Visible Markings : The socks shall be marked with manufacturer name, date and year of manufacture	
	i) Guarantee : The supplier shall give guarantee certificate to replace the socks with manufacturing defects.	
V	General : For each specification the vendor shall confirm their acceptance.	


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