

**SECTION– III****TECHNICAL SPECIFICATION FOR INSULATED PLIERS, INSULATED SCREW DRIVERS AND PHASE TESTERS AGAINST TN-2511****3.1 SCOPE:**

This specification cover the design, manufacturing, testing at manufacturer's works before dispatch, supply and delivery of Insulated Plier, Insulated Screw Drivers & Phase Tester at our Nigam stores.

**3.2 SCHEDULE OF REQUIREMENT:**

S. No.	PARICULARS	QUANTITY REQUIRED (In Nos.)
1.	<b>INSULATED PLIERS 8 INCHES</b>	<b>8102</b>
2.	<b>INSULATED SCREW DRIVER 8 INCHES</b>	<b>3623</b>
3.	<b>INSULATED SCREW DRIVER 10 INCHES</b>	<b>3624</b>
4.	<b>Phase Tester</b>	<b>9913</b>

The quantity indicated above is only provisional and the purchase reserves the right to revise (increase/decrease) the same at the time of deciding the tender case.

**3.3 STANDARD FOR MATERIAL:**

The material shall be manufactured and tested in accordance with the following specification: -

**1. Phase Tester : -**

The Phase Tester suitable for pocket fixing with screw driver blade and testing voltages between 110 to 500 Volts confirming to IS: 5579/ 1985 (with latest amendment).

**2. Insulated Plier:**

The Insulated Plier 200 mm having side cutting combination plier, universal type with joint cutter 200 mm size drop forged confirming to IS:2615 and IS:3650/1981 (with latest amendment). The handle should be fully insulated with velvet PVC dip coated, ISI Mark only.

**3. Insulated Screw Driver:**

Insulated spindle blade Screw Driver (6x250mm, **5x200mm**) {Engineering pattern and Electrician's pattern} manufactured in accordance with IS: 844/1979 (with latest amendment). Its handle shall be manufactured from good quality of plastic or cellulose acetate and its insulation should withstand 2800 volts (RMS) A.C. and 4000 volt D.C. The metal portion of the Screw Driver shall be circular and shall also be covered with insulated sleeve.

**3.4 SAMPLES :**

The tenderer shall furnish one sample of each size of the offered item **free of cost** along with the bid to S.E.(MM-II), Jaipur, failing which the offer is likely to be ignored.

**3.5 PREFERENCE :**

The offers for standard make bearing ISI certification mark and the manufacturers quoting shorter delivery period shall be preferred.

**3.6 TEST CERTIFICATES :**

The tenderer must furnish certified photocopies of all the tests specified in the latest edition of relevant IS which should be from recognized testing house / laboratories. The tenderer shall furnish a certificate to the effect that the material offered is identical in quantity and performance with those given in test report.

**3.7 BIS LICENSE:**

The tenderer must furnish **photocopies of BIS license of Insulated Plier and Insulated Screw driver** failing which the offer may be ignored and rejected.

**3.8 ROUTINE AND ACCEPTANCE TEST :**

The material shall be subjected to all routine and acceptance test specified in the latest edition of ISS, before dispatch such tests shall be witnessed by the inspecting officer of the Nigam.

**3.9 PACKING :**

Each item should be suitably and properly packed as per manufacture's standard practice. The packing should be able to withstand rough handling during transit of material at various destinations.

**3.10 DELIVERY**

The bidder is required to quote monthly delivery. The delivery of quoted quantity should be completed in 2 months period including commencement period of 30 days. In case ordered quantity is different than quoted quantity then monthly delivery shall be adjusted proportionately. Tenders in which monthly delivery schedule is not indicated shall be ignored.

**3.11 AUTHORIZATION CERTIFICATE :**

In case the bidder themselves is not manufacturer of the item than they have to furnish an authorization letter from the manufacturers confirming that you are the authorized dealer / sole distributor / sole selling agent in the region and you are authorized to quote on their behalf shall be enclosed along with tender offer. In case of offering an imported brand a letter from the manufacturer confirming that you are their authorized representative in the country and authorized to quote on their behalf shall be enclosed along with tender offer.

**3.12 PRICES :**

The tenderer must quote prices on "FIRM" price basis inclusive of packing and forwarding charges. The GST as applicable should be indicated separately. The freight and insurance charges and GST may also be indicated separately.

**3.13 DEVIATION FROM SPECIFICATION:**

The technical specification contained in this section is for the guidance of the tenderer. Any deviation from the purchase specification will be considered on their relative merits in respect of performance, efficiency durability and overall economy consistent with the purchase's requirement. Such deviation shall be clearly entered by the tenderer at Schedule (VI-A & VI-B) only. Deviations indicated at the other place of tender shall not be entertained.

**3.14 INSPECTION AND TESTING:**

- (A) Before dispatch the equipment shall be inspected and tested by the authorized inspecting officer of the Nigam. The manufacturer/ supplier shall furnish the details of test which shall be arranged at the time of inspection to ascertain routine test at the manufacture's works in presence of purchaser's representative.
- (B) After successful inspection the supplier shall be required to dispatch inspected and cleared material with in 14 days from the receipt of dispatch instruction, failing which he shall be required to re- offer the material / equipment for inspection and the delay if any on account to this shall be attributed at his part with re- inspection charges.

**3.15 COMPLETENESS OF EQUIPMENT:**

Any fittings accessories or apparatus, which may not have been specifically mentioned in the specification, shall be deemed to be included and shall be supplied by the contractor with out extra charges. The equipment shall be complete in all respect whether such details are mentioned in this specification or not.

**3.16 TENDERS :**

Tenderers shall furnish complete particulars of the material offered by them in regard to this specification and submit the same with their tender offer in single copy. Failure to do so or any incomplete entry there in may prevent from being considered.

**3.17 MANUFACTURER'S WARRANTEE:**

The offered equipment/material shall be guaranteed for satisfactory operation for a period of 18 months from the date of receipt of last consignment at site. For this purpose you shall furnish manufacturer's warrantee on Rajasthan State Non-judicial Stamp Paper worth Rs.500/- in a manner detailed at Clause 1.41 of "General Conditions of Contract"

**3.18 GENERAL :**

The tenders received without complete details required as per enclosed forms schedules are liable to be rejected.

**3.20 ADDITIONAL ORDER**

Repeat order for additional quantities upto 50% of original ordered quantities, may be placed by the Nigam on the same rates , terms and conditions given in the contract.

**GUARANTEED TECHNICAL PARTICULARS INSULATED PLIERS AND SCREW DRIVERS AND PHASE TESTER AGAINST TN-2511.**

S. No.	NAME OF FIRM	Requirement			
	Parameters	Requirement			
	ITEM	INSULATED PLIERS	SCREW DRIVERS		PHASE TESTER
			(6x250mm)	(5x200mm)	
1	Applicable Standard				
2	MAKE				
3	TYPE				
4	SIZE				
5	Insulation Withstand Level				