



**State Timber Corporation  
Ministry of Wildlife and Forest resources Conservation**

**PROCUREMENT NOTICE**

**Procurement No. - STC/PSM/2022/PRO – 02**

**Invitation for Bids for the Purchase of 60,000Nos. Nail Plates (Gang Nails)**

- **100mm x 225mm - 60,000Nos.**

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The Chairman, Procurement Committee, State Timber Corporation, 82, Rajamalwatta Road, Battaramulla now invites sealed bids from Manufacturers, Principals, Suppliers or their accredited Local Agents for the supply of the above items.

1. Bidding will be conducted through International Competitive Bidding Procedure.
2. Bidders may purchase bidding documents from the Manager (Purchasing & Shipping) at the above address.
3. To be eligible for a contract award, the successful bidder shall not have been defaulted.
4. Interested bidders may obtain further information from the Manager (Purchasing & Shipping) at above address over the Telephone Number – 011-2866601-04. Bidding documents may be inspected free of charge at the office of the Manager (Purchasing & Shipping).
5. A complete set of Bidding Documents in English language may be purchased by interested bidders on submission of a written request to the Manager (purchasing & Shipping), State Timber Corporation, 82, Rajamalwatta Road, Battaramulla till 19.08.2022 from 09.00 hours to 15.00 hours on normal working days upon payment of a **non- re fundable document fee of Rs. 3,500/= in cash per one set of bidding document.**
6. Bids shall be delivered to the Chairman, Procurement Committee, State Timber Corporation, No.82, Rajamalwatta Road, Battaramulla on or before 10.30 hrs on 22.08.2022. Bids will be opened soon after closing in the presence of the bidders, representatives who choose to attend.
7. All Bids shall be accompanied by a bid security equivalent to the value of Rs. 144,048/= (USD 400) of the bid value for a period of 118 days.

**Chairman  
State Timber Corporation**

## **Specification for Steel Gang Nail Plates**

**01. Scope** : This Specification covers the design manufacture and Supply of STEEL GANG NAIL PLATES for use on Railway Wooden sleepers and Electric Transmission wooden poles, to prevent splitting wood during its period of use.

### **02. General**

- 2.1 : All items shall conform to standards and Specifications stipulated. Such standards/ Specifications shall include all amendments thereof.
- 2.2 : when such standards/ Specifications are NOT Stipulated the latest applicable standards/ Specifications appropriate for the item and recognized in the country of origin shall be applicable.
- 2.3 : When alternative offers NOT conforming to the stipulated Standards/Specifications are made, the alternative standards/ Specifications Shall be equal or higher but NOT less rigid than the standards/Specification stipulated.
- 2.4 : When such alternative standards/ Specification are used reference to such standards/ specifications shall be quoted and relevant described matter of the item offered shall accompany the offer.
- 2.4.1 Full details of the difference which effect the design or performance of the items shall be stated in the offer(s)

### **03. Service Conditions**

Average Ambient Temperature - 30 °C  
Maximum Ambient Temperature - 45 °C  
Maximum Relative Humidity - 90%

Environmental Condition - Humid tropical climate with polluted atmosphere.

Operation Altitude - from M.S.L to 1900 m above M.S.L.

### **04. Galvanizing:**

- 4.1 All Steel used in the works shall be galvanized after all shearing , punching ,filling and bending are completed. Galvanizing shall be applied by the Hot Dip process and all paints shall consist of a coating of at least 275 grams of ZINC Per sq. meters on both sides. All items shall be treated after galvanizing to prevent white rust.
- 4.2 The galvanizing process itself shall NOT distort or adversely affect the mechanical NOR the form of the items .
- 4.3 All galvanized items shall be protected from injury to the ZINC coating due to abrasion during periods of transport and delivery.

## **05. Material**

5.1 The steel plate shall be of the appropriate grade to B.SS.1449,18 SWG Thick having the following mechanical properties:

- i. Tensile strength 310 N/mm<sup>2</sup> – 450 N/mm<sup>2</sup>
- ii. Minimum Yield stress 220 N/mm<sup>2</sup>
- iii. Minimum elongation 20%

## **06. Gang Nail**

6.1 The gang nail shall of the knuckle twisted nail type to seat flat on the wood surface or  
Twisted nail type punched in or  
Straight Tooth Type Punched in having the Basic working Load (N) Per teeth for Green Wood, for the duties stated in this Specification.

6.2 The species of wood used in the manufacture of Transmission poles on which the above Nail plates are to be used are hard -woods such as Eucalyptus species, Dipterocarpus species, Terminalia species , Manilcara Hexandre etc.

## **07. Quality Control**

Manufacturers should exercise adequate control to maintain a satisfactory standard of product with respect to quality of set steel plate, quoting thickness and teeth profile. No significant cracks should occur at teeth should have an adequate degree or ductility at these points.

## **08. Marking**

All Nail plates should bear a mark to readily identify the manufacture or supplier.

## **09. Drawings**

Bidders should forward along with the offers detail dimensioned drawings of the steel plate Nails offered indicating the teeth layout ,teeth profile , detail of material ,detail of galvanizing , details of strength of plate teeth etc.

## **Samples**

1. Sealed samples should be submitted to Manager (Sleepers & Transmission Poles) (Tel: 011- 2887297) , State Timber Corporation, No,82 Rajamalwatte Road, Battaramulla prior to the closing date of bid , along with copies of documents regarding this import of samples.
2. Acknowledgement for the receipt of samples should be obtained from Manager (Sleepers & Transmission Poles) and the original of which should be enclosed with the original bidding document.
3. The manufacturer's name should be printed on the cover of the parcel.
4. **Failure to comply with any of the above shall result in the tender being considered as incomplete and invalid.**
5. **Samples should not be consigned direct to State Timber Corporation and we shall not undertake to clear any such samples from air/ sea parcel post offices or by air freight.**

## **5. Inspections and Tests**

The following inspections and tests shall be performed;

- The Technical Evaluation Committee must be satisfied that the provided goods are;
  - Fully compliance with the technical specifications and all other bidding conditions.

After delivered of consignment at our Warehouse, consignment to be checked by ITI in the presence of the following representatives:-

- i. I.T.I.
- ii. Local Agent or Supplier
- iii. S.T.C.

Sealed composite samples will be checked by ITI for test quality and conformity those set down in B.S.S 144 of 1997 Coal Tar Creosote for the preservation of Timber.