



-: SPECIFICATION OF GI BOLT WITH NUT AND SPRING WASHER:-

1.0 SCOPE: -

This specification covers the manufacture, testing at works and supply of G.I. Bolts with Nut and Spring Washer for LT Shackle Insulator.

2.0 APPLICABLE STANDARD: -

IS : 7935/1975 Specification for insulator fitting up to and including 1000V.
IS 2633/1986 Specification for Hot Dip Galvanizing.
IS : 1363/Part-I & III/1984 Specification of Hexagonal Nut & Bolts.

3.0. GENERAL CONSTRUCTION REQUIREMENT: -

G.I. Bolts with Nut and Spring Washer.

3.1 Material: -

Bolts & Nuts should be strictly supplied confirming to IS-1363/Part-I & III/1984. The Bolt and Nut should be hot dip galvanized.

3.2 Dimension: -

G.I. Bolt with Nuts & Spring Washer - As per drawing No. O&M x 242 (Rev-3).

4.0 TYPE TEST CERTIFICATE: -

The firm has to submit following type test for GI Bolt with nut and Spring washer of Govt. approved laboratory.

- i) Visual inspection.
- ii) Verification of dimensions as per Drg. No. O&M x 242 (Rev-3).
- iii) Galvanized test as per IS-2633/1986 for Bolts & Nuts.
- iv) Checking of threads.

5.0 ACCEPTANCE OF LOT: -

5.1 Sampling & Acceptance Criteria: -

Selection of sample and acceptance criteria shall be in accordance With IS-7935/1975.

5.2 ACCEPTANCE TEST: -

The following acceptance test shall be carried out.

- i) Visual inspection.
- ii) Verification of dimensions as per Dr. No. O&M x 242 (Rev-3).
- iii) Checking of threads.
- iv) Galvanizing test on bolt & nuts IS-2633/1986.

Place & Date

Signature and seal of Tenderer



6.0 TENDER SAMPLE:-

The tenderizers should submit 3 Nos. (Three) sample along with offer.
The offer without sample will be straightway rejected.

7.0 GUARANTEED TECHNICAL PARTICULARS (GTP):-

The tenderizers should submit Guaranteed Technical Particulars in
The original tender papers sold to them. Offers without GTP will
Be straightway rejected.

**Manufacturer's Name
And Address.**

Place & Date

Signature and seal of Tenderer

GUARAANTEED TECHNICAL PARTICULARS

Technical information and Guaranteed Technical Particulars for supply of G.I.Bolts with Nut for LT Shackle Hardware.

Sr. No.	Particulars	Confirmation
1	G.I.Bolt with nut & spring washer for L.T shackle hardware shall confirm to 1363 (P-I & III)/84 as per PGVCL's specification.	Yes
2	The G.I.Bolts with Nuts shall be as per Drawing No. O&M x 242 (Rev-3).	Yes
3	Bolts & Nuts shall be Hot Dip Galvanized, Spring washer shall be Electroplated.	Yes
4	Type test/Acceptance test on as per IS-7935/1975 i.e. specification for insulator fittings for overhead line with nominal voltage upto and include 1000 V.	Yes
5	Galvanizing Test as per IS-2633/1986.	Yes
6	Packing shall be in Double gunny bags containing 500 Nos. per bag.	Yes

PART-'B'

Bidder has to enclose following documents and has to confirm the requirements.

Sr. No.	Particulars	Confirmation
1.	Type Test Certificate of Govt. approved Laboratory Name of Laboratory :- Test Report Number :- Date :-	Yes
2	Submission of own drawing duly signed & seal in line with PGVCL drg.No. O&M x 242 (Rev-2).	Yes
3	List of Plant & Machinery	Yes
4	List of Testing Facility.	Yes
5	List of orders pending/executed a) With GEB/GUVNL & Its DISCOMS b) With the agencies other than GEB.	Yes Yes
6	3 Nos. (Three) of samples to be sent with tender.	Yes

PART-'C'

Bidder has to mention below deviation if any, quoting relevant clause of specification.

Place & Date

Signature and seal of Tenderer