

SCHEDULE : B-1

Manufacturer's Name & Address.

Guaranteed Technical Particulars (G.T.P).

Technical information and Guaranteed Technical Particulars (GTP) for supply of G. I. Pin for 11KV Pin insulator.

PART-A :

Bidder has to confirm following important requirements.

Sr.No.	Particulars	Confirmation
1.	The 11KV G. I. Pin shall conform to (1) IS-2486 (Part-II)/94 Ref. S 165P (2) Board's specification and (3) Drawing No. Tech x 100 2/2 (Rev-6)	
2.	Stalk length 165 mm.	Yes
3.	Shank length 150 mm.	Yes
4.	Shank diameter 20mm.	Yes
5.	Small steel head (Manufacturing tolerance (+) or (-) 3 mm on length.	Yes
6.	Length of thread on shank - 100 mm.	Yes
7.	Collar dia 40mm.	Yes
8.	Collar thickness 5 mm.	Yes
9.	Galvanizing test as per IS-2633.	Yes
10.	Minimum failing load of 5 KN.	Yes
11.	Tolerance up to 35mm (+) or (-) 0.7 mm and above that (+)or (-)2%.	Yes
12.	Nuts & spring washer shall be hot dip galvanized.	Yes

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|-----|---|-----|
| 13. | Packing shall be in double gunny bags containing 50 Nos. per bag. | Yes |
| 14. | Nut as per IS-1363 (P.III)/92. | Yes |

PART-'B'

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

Sr.No.	Particulars	Confirmation
1.	List of Plant & Machinery.	Yes
2.	Type Test Certificate of Govt. approved Laboratory. : Yes : : Lab : : TR No : : Date :	
3.	List of testing facility.	Yes
4.	List of order pending/executed a) With GEB. b) With other agencies other than GEB.	Yes Yes
5.	Bidders own drawing.	Yes
6.	Two numbers of samples to be sent with tender.	Yes

PART-'C'

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

Signature and seal of Tenderer.

SPECIFICATION OF 11KV G.I. PIN :

1. SCOPE :-

This specification covers the manufacture, testing at works and supply of 11KV G.I.Pins.

2. APPLICABLE STANDARD :

- i) IS No. : 2486 (P.I)/1994 for Insulator fitting.
- ii) IS No. : 2486 (P.II)/1994 for Insulator fitting.
- iii) IS No. : 2062/92 for M.S.
- iv) IS No. : 2633/86 for Hot dip galvanized.
- v) IS No. : 1363 (P.III)/92 for Nut.
- vi) GEB Drawing No. Tech x 100 2/2 (Rev-6).

3. GENERAL REQUIREMENT/DESCRIPTION OF MATERIAL :

The G.I. (M.S) forged pin for 11KV Pin Insulators having small steel head with stalk length 165 mm as per reference S165-P of IS-2486 (P.II)/94 having minimum breaking load of 5KN and as per drawing No.Tech x 100 (2/2 Rev-6). The G.I. forged pins shall be manufactured confirming to IS-2486 (P.II)/1994 with latest amendment if any. The material composition of M.S. Forged steel pins shall be confirming to IS-2062/1992.

4. TYPE TEST :-

Firm has to submit type test report for the following tests as per IS-2486 (I)/94 not more than 5 years old, offer without type test will be straight way rejected.

- a) Visual examination.
- b) Verification of dimensions as per GEB drawing No. Tech x 100 2/2 (Rev-6).
- c) Checking of threads on heads.
- d) Mechanical failing load test.
- e) Galvanizing test.

5. ACCEPTANCE TESTS :-

Following shall be acceptance test as per IS-2486 (P.I)/1994.

- a) Visual examination.
- b) Verification of dimensions as per GEB drawing No. Tech x 100 2/2 (Rev-6).
- c) Checking of threads on heads.
- d) Mechanical failing load test.
- e) Galvanizing test.

6. DRAWING :-

Tenderer should submit their own drawing showing dimensions tolerance and required details if any, in line with GEB drawing Tech x 100 x 2/2(Rev-6).

7. SAMPLES :-

The sample criteria for acceptance tests shall be as per IS-2486 (P.I)/94.

8. PACKING :-

50 Nos. (Max.) are to be packed in double gunny bags.

9. GUARANTEED TECHNICAL PARTICULARS :-

All tenderers shall fill up the attached Guaranteed Technical Particulars i.e. Schedule- B-1 with signature and seal.

10. TENDER SAMPLE :-

The Tenderer has to submit two nos. of samples alongwith offer. The offer without samples will be straight-way rejected.

Signature and seal of Tenderer.