

6.1 GUARANTEED TECHNICAL PARTICULARS

The poles specified herein shall be manufactured, assembled and tested to satisfy the requirements of BSS: 1990: part 1 BSS: 144/1990 (part 1 & 2), and BSS: 4072 and amendments and as detailed in this specification.

Copy of the above BSS shall be submitted with the offer for review and record.

Also test certificate from an independent testing authority shall be submitted authenticating guaranteed technical particulars. The formulas and calculations arriving at the guaranteed technical particulars must be clearly indicated in the test certificates.

In case the offered wood poles comply to other standards the supplier must adhere to the following

- A) The guaranteed technical particular of the offered wood poles must be as stipulated in BSS 1990, part-1
- B) Documentary evidence must be submitted to give proof of the value of guaranteed technical particulars and must be certified by an independent testing authority. The formulas and calculations arriving at the guaranteed technical particulars must be clearly indicated in the test certificate.
- C) The copy of the international standard following must be submitted with the offer.

6.2 WOOD SPECIES

THE OFFERED WOOD POLES SHALL BE FORM ANY OF THE FOLLOWING

- A) Redwood of scots pine (pinus sylvestris)
- B) Douglas fir (pseudotsuga menziesii)
- C) Corsican pine (pinus nigra)

The tenderers shall submit, for the offered timber, a felling certificate from the appropriate government authority

D) EXAMPLE

- I In case of trees, other than Douglas fir, grown in Europe, a certificate stating that timber was felled between 1st November and the following 31st March.
- II In case of Douglas fir, a certificate stating that the timber was grown areas north of latitude 60° and were felled between 1st November and the following 31st March.

Offers not complying with the above will be rejected.

All poles shall be marked in accordance with BSS : 1990:part-1.

6.3 LIMITING CHARACTERISTICS

Limiting characteristics as per clause 6 of BSS : 1990 : part-1, are applicable in addition to the following

A) CHECKS AND SPLITS

Checks and splits at the top and at the butt shall comply with clause 4.4.11 and clause 4.4.12 respectively of ANSI 05.1

B) SHAKES

Shakes shall comply with clause 4.4.8 of ANSI 05.1.

6.4 SEASONING

The seasoning period shall be as per clause 8 of BSS : 1990 : part 1

6.5 PRESERVATION

The wood poles covered by this specification shall be pressure impregnated with creosote in accordance with BSS: 144: 1990 parts 1 & 2. Preservative treatment shall not take place until all dressing, notching, pre-cutting and drilling has been completed.

The minimum penetration and retention of creosote poles shall be as defined in BSS : 144 : 1990 part 1 & 2, except that the average net retention of preservative in a charge shall not be less than (150 Kg/Cu.m) to suit the climatic condition prevailing in Kuwait.