

PART E
SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1 These Specifications shall apply to the Work.

E2. GOODS

E2.1 The Contractor shall supply and deliver railway ties in accordance with the requirements hereinafter specified.

E2.2 Item No. 1 - treated railway ties shall have the following salient features:

- (a) ties shall be a No. 2 pine, treated with a 50/50 creosote and petroleum treatment;
- (b) all ties shall be manufactured from sound, live, straight timber and be free from decay, unsound knots, shake, bark seams and worm holes, except pin worm holes (Ambrosia beetle) and all other imperfections that would impair the strength or durability of the tie;
- (c) ties shall be clean peeled but an occasional strip of inner bark 1 inch wide and 10 inches long may be permitted;
- (d) all four (4) faces must be sawn and opposite faces parallel; and
- (e) characteristics and limiting provisions are:
 - (i) Bow: ½" in. x 6" thickness, 1" in 7" thickness
 - (ii) Crook: 1" in. 8" widths, 1-1/2" in. 9" widths
 - (iii) Checks: medium, not through
 - (iv) Knots: sound and tight, ¼ the width
 - (v) Tolerance: 1" over in length and 1/8" under ½" over in width and thickness; and
 - (vi) Wane: wane restrictions are applied 8" to 28" from either end maximum one edge 1-1/2".
- (f) all treated ties shall meet all CN/CP specifications.

E3. DELIVERY

E3.1 Goods shall be delivered within thirty-five (35) Business days, fob destination, freight prepaid to:
GWWD Yard, Ross, Manitoba (approx. 35 miles east of Winnipeg)

E3.2 Goods shall be delivered between 8:00 a.m. and 10:00 a.m. on Business Days.

E3.3 The Contractor shall notify the Contract Administrator forty-eighty (48) hours prior to delivery.

E4. INVOICES

E4.1 The Contractor shall submit invoices to the location designated on the Purchase Order.

E4.2 Invoices must clearly indicate, as a minimum:

- (a) the City's Purchase Order (PO);
- (b) shipping date(s);
- (c) delivery address(s);

- (d) description, quantity and unit price(s) of goods delivered;
- (e) total amount payable with GST and PST, where applicable, shown as separate amounts;
and
- (f) where applicable, the Contractor's GST registration number.

E4.3 The City will bear no responsibility for delays in approval of invoices that are improperly submitted.