

PART E
SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

- E1.1 These Specifications shall apply to the Work.
- E1.2 The minimum specifications acceptable for plant material in this Contract must meet the specifications in the **Canadian Standards for Nursery Stock (Seventh Edition)** unless otherwise listed.
- E1.3 The caliper or height, species and/or cultivar, and number of units are specified in Form N: Tree Species.
- E1.4 Imported plant material must be accompanied with necessary permits, import licences and conform to federal and provincial regulations.

E2. GOODS

- E2.1 The Contractor shall supply nursery stock in accordance with the following requirements noted in Form N: Tree Species:
- (a) Tree Species
 - (b) Caliper
 - (c) Height
 - (d) Type
 - (e) Minimum Branching Height (m)

E3. QUALITY

- E3.1 All nursery stock must be viable, free from pests, diseases, sun scald, frost damage, abrasion, and unhealed scars to the bark.
- E3.2 Hardiness Zone of trees must be "Zone 3 or lower".
- E3.3 Seed source must originate from a geographic location in the Prairies. Trees must be defined as "Prairie Hardy" stock or with a specific location from the geographic area on the Canadian Prairies, ie: "Saskatoon".
- E3.4 Plant material with dieback or tip kill which adversely affects the structure of the tree will not be accepted (e.g. damaged leader or severe tip kill to lateral branches).
- E3.5 Excurrent trees will have a strong central leader (eg. all Fraxinus, Tilia and coniferous species).
- E3.6 Bareroot stock must be delivered in dormant state.
- E3.7 Plant material with stumps included in with the ball will be unacceptable.
- E3.8 Standard shade trees trunks are to be protected with burlap or cardboard to the 1.0 m mark.
- E3.9 Standard shade trees are to be dug in baskets as per Form N: Tree Species.
- (a) Substitute sizes of baskets may be acceptable subject to approval by Contract administrator.

- E3.10 Trees larger in caliper or taller in height than specified in Form N: Tree Species, are not acceptable.
- E3.11 Container and basket trees must have well developed branches and foliage. Trees with sparse foliage or over-elongated branches are unacceptable.
- E3.12 The Bidder shall, within two (2) Business Days of a request by the Contract Administrator or designate, provide Form N: Tree Species.

E4. DELIVERY/TRANSPORTATION

- E4.1 Standard shade trees must be shipped on a tightly tarpaulined non enclosed flat bed trailer. The tarp must completely cover all plant material. It is unacceptable to have standard trees shipped on an enclosed truck.
- E4.2 Plant material must be neatly placed in the container or on the flat-bed to facilitate unloading. It is unacceptable to have the tree balls or containers in disarray.
- E4.3 Plant material must arrive in undamaged condition.
- E4.4 All deliveries to be received at the Henteleff Nursery, 1960 St. Mary's Rd., between Monday and Thursday inclusive, from 8:30 a.m. to 2:00 p.m. (excluding civic and statutory holidays).
- E4.5 Contact Patty Slentz (204) 986-2006 at least 24 hours in advance of delivery. If Ms. Slentz is unavailable, leave an initial phone message stating your company name, and the shipment's expected arrival date and time (if a partial shipment, please specify which part). Following up details in writing to facsimile number (204) 222-8238.
- E4.6 If the plant material is grown in Manitoba, Alberta, or Saskatchewan, then the delivery date is May 1- 30, 2004. If the plant material is grown in British Columbia or any other state or province, then the delivery date is between May 19 - 30, 2004.

E5. INSPECTIONS

- E5.1 The City reserves the right to inspect the nursery site where the plant material is being grown or supplied prior to awarding the Contract.
 - (a) Further to E5.1, the City reserves the right to "hand pick" trees from the nursery site prior to awarding the Contract.
 - (b) Further to E5.1, upon request of the Contract Administrator digital photographs may be requested of trees to be supplied.
- E5.2 Any Contract resulting herefrom will be subject to inspection by the City of Winnipeg. If the shipment does not pass the inspection, the shipment will be returned collect to the Contractor.

FORM N: TREE SPECIES

TREE SPECIES	Cal. (mm)	Height (m)	Type	Minimum Branching Height (m)	Seed Source or Root Stock
Fraxinus nigra x Fraxinus mandshurica 'Northern Treasure' Northern Treasure Black Ash	60	4.0	36" Basket	1.5	
Fraxinus mandshurica 'Mancana' Manchurian Ash	60	4.0	36" Basket	1.5	
Fraxinus pennsylvanica 'Summit' Summit Green Ash	60	4.0	36" Basket	1.5	
Fraxinus americana 'Northern Blaze' Northern Blaze White Ash	60	4.0	36" Basket	1.5	
Fraxinus pennsylvanica 'Prairiespire' Prairie Spire Ash	60	4.0	36" Basket	1.5	
Syringa reticulata 'Ivory Silk' Ivory Silk Japanese Tree Lilac	60	4.0	32" Basket	1.25	
Ulmus davidiana japonica 'Discovery' Japanese Elm	60	4.0	36" Basket	1.25	
Ulmus americana 'Brandon'	60	3.5	36" Basket	1.25	
Malus 'Thunderchild' Thunderchild Crabapple	60	3.5	32" Basket	1.25	
Malus 'Selkirk' Selkirk Crabapple	60	3.5	32" Basket	1.25	
Tilia americana American Basswood	60	3.5	32" Basket	1.25	
Tilia mongolica 'Harvest Gold' Harvest Gold Linden	60	3.5	36" Basket	1.25	
Celtis occidentalis 'Delta' Hackberry	60	3.5	32" Basket	1.25	
Acer ginnala (tree form) Amur Maple	60	3.5	32" Basket	1.25	