

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 road salt sodium chloride in accordance with the requirements hereinafter specified.

E2.1.1 The total sodium chloride shall not be less than 96% by weight in any sample.

E2.1.2 Moisture shall not exceed 0.5% as determined by oven drying at 105° degrees Celsius for two (2) hours.

E2.1.3 The sieve analysis based on salt air dried for twelve (12) hours and hand sieved shall be:

Metric Sieve Size	% Passing
10 000	100
5 000	20-100
2 000	10-70
600	0-18

E2.2 Substitutes or alternatives purposed in this specifications shall be considered only in accordance with clause B5.

E2.3 The road salt (sodium chloride) shall be free-flowing and suitable for use in the salt and sand spreading equipment used by the City of Winnipeg and the salt shall be free from agglomerates and hard lumps."

E2.3.1 Testing will be performed on samples taken at the point of unloading to determine the acceptability of the road salt sodium chloride.

E2.3.2 When it is found that the salt delivered does not comply with the specifications, and the removal and return to the Contractor are not considered by the Contract Administrator to be feasible, deductions shall be made from the Contract unit price as follows:

A: MOISTURE CONTENT

OVER	DEDUCTION
0.5%	1%
1.00%	1% plus \$0.50 per tonne for each 0.50 or fraction thereof over 1% moisture

B: SODIUM CHLORIDE CONTENT

BELOW	NOT UNDER	DEDUCTION
96%	95%	0.5%
95%	94%	1.0%
94%	93%	2.0%
93%	92%	3.0%
92%	91%	5.0%
91%	90%	8.0%
90%	--	8.0% Plus 5% for each 0.5% or fraction thereof under 90%

E3. DELIVERY

- E3.1 Goods shall be delivered on an "as required" basis during the term of the Contract, f.o.b. destination, freight prepaid, to various locations as shown on Table B.
 - E3.1.1 Goods shall be delivered within four (4) hours of the placing of an order, except where otherwise agreed at the time of ordering.
 - E3.1.2 The Contractor shall promptly report any delay or change to an agreed delivery date to the User.
- E3.2 The Contractor shall be required to deliver road salt at a rate of up to 600 tonnes per twenty-four (24) hour period.
- E3.3 Delivery of the road salt shall be in trucks completely enclosed to protect the contents from moisture, impurities or loss.
- E3.4 Table B of these Specifications, lists the intended delivery locations, and is provided for the convenience of the Bidder only. The City reserves the right to add or delete locations, or alter the type or quantity of goods to be supplied to any location as required by changes in its operations during the term of the Contract.
- E3.5 The Contractor shall off-load goods, as directed at the delivery location shown in Table B with an approximate annual usage:

TABLE B – DELIVERY LOCATIONS

LOCATION	APPROXIMATE ANNUAL USAGE
849 Ravelston Avenue West	2,500 tonnes
590 St. Anne's Road	2,000 tonnes
1539 Waverley Street	3,000 tonnes
1220 Pacific Avenue	6,500 tonnes
Pine Ridge Pit (13 km from P.T.H. 101 & Metro Route 20)	1,000 tonnes