

# Mandatory Equipment

## Alaska Highway Maintenance Contract

Term:

5 years

Equipment	Allowable age	Allowable hours	Qty
<p>Tandem Truck</p> <p>G.V.W. minimum 20,000 kg.            Engine minimum 15 litres, 475 HP            Rear axle minimum 21,000 kg.            Wheel base minimum 4900 mm.            Tires minimum 10.00 x 24.5            Box: minimum 7.5 cubic metre capacity dump box with:            Heavy duty hoist capable of completing dump cycle in one minute.            Air trip double acting tailgate with spreader chains.            Vibrator unit.            Chip spreader hitch</p> <p>Equipped with new hydraulic powered cab controlled slide-in spreader units, with minimum capacity of 7.5 m<sup>3</sup> and capable of spreading 19 mm aggregate with enclosed center rear discharge, complete with minimum four removable 75 mm x 75 mm screens.</p> <p>Equipped with new light weight one-way plow designed with full curve discharge increasing in depth from nose to discharge end with minimum 3.3 metre cutting edge. Plow to be hydraulically operated from cab and capable of plowing at highway speeds to 50 Km/hr.</p> <p>Twenty-one (21) units equipped with new hydraulically cab operated underbody grader blade of minimum 3660 mm x 406 mm x 25 mm mould board dimensions. Complete with two rotating and two reversing cylinder and two lift cylinders (six-way).</p> <p>All equipment to be equipped with amber color warning lights clearly visible from front and back when equipment is working. All rear of plow truck sanding units shall be equipped with rear light bar as per drawing R.017174.002.008</p>	2018	NEW	21
<p>Motor Grader</p> <p>Self-propelled tandem type.            Engine minimum 250 FWHP.            Equipped with standard mouldboard minimum 4270 mm x 635 mm x 25 mm with power tilt and side shift.            Equipped with carbide ice blades with maximum 25 mm gap between teeth. (Winter)            Equipped with adequate lights for normal highway operation, extendable side wing, scarifier and power angle front blade.</p>	2018	NEW	4
<p>Front End Loader</p> <p>Engine minimum 142 FWHP.            Drive: four wheel drive.</p> <p>Quick attach buckets minimum 2.5 cubic metre capacity, provide 10 sets of forks and front blades, five (5) sweeper units in contract for specified use by Departmental Representative.</p> <p>Operating weight 12868 kgs.            One per maintenance yard.</p>	2018	NEW	10
55,000-litre, skid mounted, diesel electric asphalt storage tank at Km 762.5 and km 254.			2
Four electronic sign trailers.			4
Four electronic stop lights.			4
House Trailer (Mobile Home)	2018	NEW	2

Supply, set up, and maintain new, unused residence for use of Departmental Representative's representative at present locations in maintenance camp at Km 254 (Sikanni Maintenance Yard) and in maintenance camp at Km 762.5 (Liard Maintenance Yard). As per section 01 11 00 .15 Departmental Representative's Residence

Construction/Maintenance Camps/Trailers	2015 or newer		10
as per snow and ice removal	2009 or Newer		10
1 (one) 2015 or newer and 1 (one) 2009 or newer at each camp location			
Excavator	2015 or newer		2
Excavator minimum 19.05 – 20.41 tonne heavy duty hydraulic.			
Frost bucket.			
Thumb bucket.			
Wide street pads – (30 inch minimum)			
Hoe Pack.			
Chuck Blade.			
Twist-a-wrist bucket.			
Cleanup bucket.			
Twenty-four hour timing device.			
Mini Excavator	2015 or newer		1
Thumb Bucket			
Twist-A-Wrist Bucket			
Clean up Bucket			
Mulcher Attachment			
Frost Bucket			
Front Blade			
Rubber Tracked			
Twenty-four hour timing device.			
Backhoe Loader	2015 or newer		1
Minimum 90 FWMP			
Rubber tired			
Thumb Bucket			
Rubber Tired Excavator	2015 or newer		1
Minimum 70 FWMP			
Rubber tired			
Thumb Bucket			
Self propelled Steel Roller.	2015 or newer		2
Minimum weight of 9.07-10.80 tonnes.			
Two (2) 2015 model or newer in good operating condition.			
Garbage Trucks	2015 or newer		2
Self loading/ Side loading			
Transfer Dumpsters	Any Age		3
Mechanical Aggregate Spreader	2005 or newer		1
as per section BST - 32 11 23, Clause 3.1.2, Age of equipment updated			
Pressure Distributor	2005 or newer		1
As per section Spot Sealing - 31 01 11.03 , clause 3.2.1.1 but with 20,000l capacity			
age of equipment updated			
Water Trucks	2018	NEW	2
As per section Broom Highway - 38 41 00, Clause 3.2.2			

Airport Sweeper/Runway Sweeper As per section Broom Highway - 38 41 00, Clause 3.2.3	Any	1
Front Sweeper/Broom Units As per section Broom Highway - 38 41 00, Clause 3.2.1 1 (one) equipped with conveyer system on front for loading truck while sweeping	2015 or newer	2
Self Propelled Steam Generator Units As per section 32 11 00, Clause 3.2.1	Any	2
Dozer As per section 32 94 11.01, Clause 3.2	2015 or newer	2
Auger Truck As per section 32 94 11.09, clause 3.2	2015 or newer	1