### FORM A: BID (See B7)

1.	Contract Title	SUPPLY AND DELIVER	RY OF A SCISSOR LIFT					
2.	Bidder							
		Name of Bidder						
		Usual Business Name of Bidd	ler as it appears on Invoice (if differen	t from above)				
		Street						
		City	Province	Postal Code				
	(Mailing address if different)	Email Address of Bidder						
		Facsimile Number						
		Street or P.O. Box						
		City	Province	Postal Code				
	(Choose one)							
		GST Registration Number (if applicable)						
		The Bidder is:						
		a sole proprietor						
		a partnership						
		a corporation						
		carrying on business un	der the above name.					
3.	Contact Person	The Bidder hereby auth the Bidder for purposes	norizes the following contact p of the Bid.	person to represent				
		Contact Person	Title					
		Telephone Number	Facsimile Number					
		Email Address						
4.	Definitions		ised in the Contract shall h General Conditions and D3.	ave the meanings				

Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.
 Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the

commencement of the Work.

- 7. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.
- 8. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No. \_\_\_\_\_ Dated \_\_\_\_\_

9. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

10. Signatures The Bidder or the Bidder's authorized official or officials have signed this

\_\_\_\_\_ day of \_\_\_\_\_ , 20\_\_\_\_\_ .

Signature of Bidder or Bidder's Authorized Official or Officials

(Print here name and official capacity of individual whose signature appears above)

(Print here name and official capacity of individual whose signature appears above)

### FORM B: PRICES (See B8)

### SUPPLY AND DELIVERY OF A SCISSOR LIFT

### UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX QTY	UNIT PRICE
1.	Scissor Lift	12036	Each	1	

Name of Bidder

#### FORM N: DETAILED SPECIFICATIONS 12036

## SCISSOR LIFT

(Water & Waste)

#### 1.0 <u>SCOPE</u>

- 1.1 These specifications describe the supply & delivery of a nominal 38 ft. working height scissor lift suitable for use for various lifting tasks in an indoor application. The scissor lift shall be furnished complete and ready for use by the Contractor. All parts not specifically mentioned, but which are required to complete and place the equipment into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the equipment.
- 1.3 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Quotation.

#### 2.0 STANDARDS

2.1 ANSI A92.6, CSA B354.2, CE Compliance, AS 1418.10 and all applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.

#### 3.0 INSTRUCTION FOR COMPLETION OF SPECIFICATIONS

- 3.1 All items in these specifications must be answered indicating compliance or non-compliance. Bidders shall state "yes" for compliance or state "deviation", or give a reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 3.2 Each bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid.

#### 4.0 QUALIFICATIONS OF MANUFACTURER / CONTRACTOR

- 4.1 The manufacturer of the scissor lift shall have demonstrated experience manufacturing scissor lifts of the type being offered.
- 4.2 The Contractor shall be a manufacturer or authorized distributor/supplier of scissor lifts and shall have a minimum of two (2) years continuous experience selling and maintaining the type equipment being bid.
- 4.3 For the purpose of warranty repairs, the Contractor shall have an authorized service facility located within 10 km of the boundaries of the City of Winnipeg. The facility, or a portion thereof, shall be dedicated to the service and maintenance of the equipment being offered. Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience on scissor lift equipment, and general service capabilities. A description of the service facility shall be provided within 3-Calendar Days upon request of the Contract Administrator.

#### 5.0 MAKE AND MODEL

5.1 Genie GS-3232 or equivalent. State make and model being bid:

# 6.0 <u>PERFORMANCE</u>

6.1 Shall be a heavy duty, self-propelled, electric powered scissor lift with a nominal working height of 38 ft. The scissor lift shall be capable of various lifting tasks within the lifting capacities of the machine in an indoor environment.

### 7.0 SPECIFICATIONS

7.1	Working height – 38 ft. approx., <b>state</b> .	
7.2	Platform height at maximum – 32 ft. approx., state.	
7.2.1	Platform height, stowed – 4' 2" approx., state.	
7.3	Platform length, outside – 7' 5" approx., state.	
7.3.1	Platform length, extended – 10' 5" approx., state.	
7.3.2	Slide-out platform extension – 3 ft. approx., state.	
7.4	Platform width, outside – 2' 8" approx., state.	
7.5	Guardrail – CE Compliance, fold-down type, approx. 3' 7" height.	
7.6	Towboard height – 6 in. approx.	
7.7	Height, stowed – 8 ft. approx., <b>state</b> .	
7.7.1	Height, stowed, rails folded – 6' 8" approx., state.	
7.8	Length, stowed – 8 ft. approx., state.	
7.8.1	Length, extended – 11 ft. approx., state.	
7.9	Width, overall – 2' 8", <b>state</b> .	
7.10	Wheelbase – 6 ft. approx., <b>state</b> .	
7.11	Ground clearance, centre – 31/2 in. approx.	
7.11.1	Ground clearance, with pothole guards deployed – 0.75 in. approx.	
7.12	Power source – 24 Volt DC including four (4) 6 Volt 225 Ah batteries.	
7.13	Charger – universal type, 20-amp with recessed charger receptacle on scissor lift.	
7.14	Hydraulic system capacity – 3.75 US gal (14.2 L) approx.	
7.15	Maximum platform occupancy – two (2) person.	
7.16	Proportional 2-speed lift and drive.	
7.17	Lift capacity – 500 lbs.	
7.18	Extension deck capacity – 250 lbs. approx.	

7.19	Drive – dual front wheel.	
7.20	Drive speed, stowed – 2.2 mph, 3.5 km/h approx., state.	
7.20.1	Drive speed, raised – 0.5 mph, 0.8 km/h approx., state.	
7.21	Gradeability, stowed – 25%.	
7.22	Maximum outrigger levelling, front to back – 3°.	
7.22.1	Maximum outrigger levelling, side to side – 5°.	
7.23	Turning radius, outside – 7 ft. approx., state.	
7.24	Raise / lower speed – 57 / 40 seconds approx.	
7.25	Brakes – dual rear wheel, disk.	
7.26	Tires – solid, non-marking type, 15x5x11 in. approx., state size.	
7.27	Weight – 5200 lbs. approx., <b>state</b> .	
7.28	Lanyard attachment points – required.	
7.29	Platform lowering valve – manual type.	
7.30	Emergency stop – required at both platform and ground controls.	
7.31	Tilt level sensor – required with audible alarm.	
7.32	Descent alarm – required.	
7.33	Electric horn – required.	
7.34	Hourmeter – required, non-resettable type.	
7.35	Dual flashing beacons – required.	
8.0	MANUALS	
8.1	The following manuals shall be supplied with the unit when delivered. Manuals shall be in English and shall cover the complete equipment:	
8.1.1	Operator's manual – two (2) required plus one (1) extra manual which shall be sent to the City of Winnipeg Training Branch (see 11.3.1 for Training Branch contact).	
8.1.2	Parts, repair and technical service manuals including preventative maintenance schedules for life of the unit – CDs preferred, two (2) sets required.	
9.0	DELIVERY	
9.1	Delivery – the unit shall be serviced, ready for operation, fully charged and delivered F.O.B. with the freight prepaid to the Winnipeg Fleet Management Agency, 195 Tecumseh Street, Winnipeg, Manitoba within <b>twenty-six (26) calendar weeks</b> from the date of official notifica- tion of award of Contract. The Contractor shall contact the Contract	

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Administrator prior to delivery of the equipment. Equipment shall be delivered within 8:00 am and 2:00 pm on Business Days.

9.2 A pre-delivery inspection shall be performed by the Contractor on all equipment.

### 10.0 PERFORMANCE RELIABILITY

- 10.1 The responsibility for the design of the complete scissor lift, its performance and reliability shall rest upon the Contractor.
- 10.2 The term *"repeated failures"* as used herein is defined to mean that the same component, assembly, or sub-assembly develops repeated defects, breakdowns and/or malfunctions rendering the unit inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, assembly, or sub-assembly. Minor items or ordinary service adjustments are not included, or considered under the scope of "repeated failures", as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer's preventative maintenance schedules.
- 10.3 Where the unit develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

#### 11.0 WARRANTY

- 11.1 The Contractor shall warrant **all equipment** (excluding consumables) and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City any article that has become defective and not proven to have been caused by negligence on the part of the user within **two (2) years** from the date the equipment is put into service by the City of Winnipeg.
- 11.2 A new two (2) year warranty period shall be provided for any article that is repaired or replaced under the terms of the "repeated failures" clause (Section 10.0 <u>Performance Reliability</u>). The new warranty period shall be effective from the date of acceptance of the repaired or replaced article.

### 12.0 TRAINING

- 12.1 Operator training the Contractor shall be required to provide **one (1) Business Day** of training, in Winnipeg by qualified staff, for City of Winnipeg operating personnel. All costs associated with the training, shall be at the Contractor's expense. The training session shall be sufficient in duration and shall provide adequate familiarization and orientation of the equipment, to the satisfaction of the Contract Administrator. All particulars surrounding the specified time required to perform the training shall be provided to the Contract Administrator by the Contractor, one (1) week prior to the delivery of the completed equipment.
- 12.2 Mechanical training the Contractor shall be required to provide one (1) Business Day of training, in Winnipeg by qualified staff, for City of Winnipeg maintenance personnel. All costs associated with the training,

shall be at the Contractor's expense. The training session shall be sufficient in duration and shall provide adequate familiarization and orientation of the equipment, to the satisfaction of the Contract Administrator. All particulars surrounding the specified time required to perform the training shall be provided to the Contract Administrator by the Contractor, one (1) week prior to the delivery of the completed equipment.

- 12.3 Training materials and applicable manuals or on-line training information shall be provided by the Contractor to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than 1-week prior to delivery of the equipment and related attachments. The training materials shall be sent preferably in electronic format and hard copy. Training videos shall be supplied on either CD or DVD format.
- 12.3.1 Training materials shall be sent to:

Public Works Human Resources Division Operator Training Branch 102-1155 Pacific Ave. Wpg. MB R3E 3P1

Leanne Chetyrbok Equipment Operator Training Consultant Cel: (204) 451-3793 E-mail: <u>lchetyrbok@winnipeg.ca</u>

### FORM O-PREVENTATIVE MAINTENANCE SCHEDULE

Make:	
Model:	
Year:	

Service/Parts Contact info:

# PM Checklist and Adjustments

Please fill in all applicable areas and add any missing service intervals or component part numbers that are applicable to the supplied unit.

All items required to maintain warranties must be listed.

Description:	Capacity:	Туре:	Description:	Capacity:	Type:
Engine Oil	Litres		Transmission	Litres	
Cooling System	Litres		Transfer Case	Litres	
Hydraulic Tank	Litres		Hydraulic System	Litres	
A/C Refrigerant	Lbs	R-134a	Brake Reservoir	Litres	
Fuel System	Litres		Differential (Front)	Litres	
Final Drives	Litres		Differential (Rear)	Litres	

Type of Filter:	OEM:	Wix:	Purolator:	Fram:	Baldwin:	Fleet- guard:
Engine Oil						guuru.
Air Primary						
Air Secondary						
Primary Fuel						
Secondary Fuel Filter						
Cab Air Filter						
Hydraulic (pressure)						
Hydraulic (return)						
Transmission						
A/C Belt						
Alt Belt						
Water Pump Belt						
Serpentine Belt						

Make:

marco.			
Model:			
Year:			

Item	Recommended Service Intervals. Kms/Hours	Comments
List any one time services		
List any one time adjustments		
List regular Adjustments		
Initial Oil and Filter Change		
Engine Valve Lash and Fuel Injector, Timing Check.		
Engine Oil and Filter Changes and/or Oil Sample Intervals		
Lubrication Points and Intervals		
Transmission Filter/Screens- Replace/Clean and/or Obtain Oil Sample		
Primary Fuel Filter (Replace)		
Secondary Fuel Filter (Replace)		
Differential Oil Sample (Front)		
Final Drive Oil Sample (front)		
Hydraulic Filter (Replace and Obtain Oil Sample)		
Front Differential Fluid (Change)		
Rear Differential Fluid (Change)		
Differential Vents		
Transmission Oil (Change)		
Clean Transmission Magnetic Screen		

Make:

Model:

Year:

Item	Recommended Service Intervals Kms/Hours	Comments
Change Final Drive Oil (Front)		
Clean Engine Crankcase Breather		
Hydraulic System Oil (Change)		
Engine Valve Lash and Fuel Inj. Timing (Check) Cooling system Water Temperature		
Regulator (Replace)		
Cooling System Coolant Extender (ELC)-Add		
Cooling System		
Wheel nut Torque and Intervals		
Check wheel Nut torque At Every service interval		
Refrigerant dryer (Replace)		

# FORM P-DATA COLLECTION SHEET FOR W.F.M.A

UNIT NUMBER	

ITEMS		DETAILS FROM VENDOR
MAKE/MANUFACTURER	(e.g. Ford, Volvo, etc.)	
MODEL	Enter model (e.g. F-350)	
YEAR	(Enter model year)	
DISCRIPTION/TYPE	(e.g. Truck, snow blower, mower, tractor)	
FUEL TYPE	(e.g. gas, diesel, hybrid, propane)	
RATED FUEL CONSUMPTION	(L/100 km, L/hr, etc.)	
GVWR	(In pounds [lbs.] and kilograms)	
GAWR FRONT		
GAWR REAR		
GCWR		
DIMENSION HEIGHT	(Overall height m)	
DIMENSION LENGTH	(Overall length m)	
DIMENSION WIDTH	(Overall width m)	
WHEELBASE		
DELIVERY DATE	(Confirmed date)	
SUPPLIER/DEALER	(Name, phone number, and contact person)	
ODOMETER/HOUR METER	(Upon delivery)	
V.I.N. NUMBER		
SERIAL NUMBER (if applicable)		
CAB CONFIGURATION	(Regular, Extended, Crew)	
M.G.I NUMBER (if applicable)		
KEY DOOR NUM		
KEY IGNITION NUM		
PAINT CODE	(Exterior colour)	
PAINT COLOUR	(Exterior colour)	
PAINT TRIM CODE	(Interior code #/colour)	
ITEMS	SERVICE ITEMS	DETAILS FROM VENDOR
ENGINE MAKE		
ENGINE MODEL		
ENGINE SERIAL NUMBER		
ENGINE HORSE POWER	(Enter as xxx H.P. @ xxxx RPM	

ENGINE DISPLACMENT	(In cubic inches and litres)	
CPL NUMBER		
ENGINE CYLINDERS	(Number of cylinders)	
ENGINE OIL CAPACITY	(Capacity with filter, in litres)	
ENGINE OIL FILTER PART NUMBER	(Number of filters and part numbers)	
ENGINE OIL TYPE	(e.g. 15W40, regular or synthetic)	
ENGINE AIR FILTER (PRI)	(Make, part number, quantity)	
ENGINE AIR FILTER (SEC)	(Make, part number, quantity)	
CAB FILTER	(Part number and location)	
FUEL TANK CAPACITY	(In litres)	
FUEL FILTER # PRIMARY	(Make, part number, and quantity)	
FUEL FILTER # SECONDARY	(Make, part number, and quantity)	
FUEL SEPARATOR	(Make, part number, and quantity)	
COOLANT TYPE	(Heavy-duty, extended life, or regular)	
COOLANT CAPACITY	(In litres)	
COOLANT FILTER NUMBER	(Part number)	
TRANSMISSION		DETAILS FROM VENDOR
TRANSMISSION MAKE	(Enter make & model)	
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER	(Enter make & model)	
TRANSMISSION SERIAL	(Enter make & model) (Hydrostatic, standard, automatic)	
TRANSMISSION SERIAL NUMBER		
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID	(Hydrostatic, standard, automatic)	
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY	(Hydrostatic, standard, automatic) (in litres)	
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE	<ul> <li>(Hydrostatic, standard, automatic)</li> <li>(in litres)</li> <li>(Dextron III, synthetic, weight, etc.)</li> <li>(# of filters and part numbers; internal and</li> </ul>	
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S)	<ul> <li>(Hydrostatic, standard, automatic)</li> <li>(in litres)</li> <li>(Dextron III, synthetic, weight, etc.)</li> <li>(# of filters and part numbers; internal and external filters)</li> </ul>	
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS	<ul> <li>(Hydrostatic, standard, automatic)</li> <li>(in litres)</li> <li>(Dextron III, synthetic, weight, etc.)</li> <li>(# of filters and part numbers; internal and external filters)</li> <li>(Gasket, o-ring, secondary filters etc.)</li> </ul>	DETAILS FROM VENDOR
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER	<ul> <li>(Hydrostatic, standard, automatic)</li> <li>(in litres)</li> <li>(Dextron III, synthetic, weight, etc.)</li> <li>(# of filters and part numbers; internal and external filters)</li> <li>(Gasket, o-ring, secondary filters etc.)</li> </ul>	DETAILS FROM VENDOR
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL	<ul> <li>(Hydrostatic, standard, automatic)</li> <li>(in litres)</li> <li>(Dextron III, synthetic, weight, etc.)</li> <li>(# of filters and part numbers; internal and external filters)</li> <li>(Gasket, o-ring, secondary filters etc.)</li> </ul>	DETAILS FROM VENDOR
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL DIFFERENTIAL MAKE	<ul> <li>(Hydrostatic, standard, automatic)</li> <li>(in litres)</li> <li>(Dextron III, synthetic, weight, etc.)</li> <li>(# of filters and part numbers; internal and external filters)</li> <li>(Gasket, o-ring, secondary filters etc.)</li> </ul>	DETAILS FROM VENDOR
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER <b>FRONT DIFFERENTIAL</b> DIFFERENTIAL MAKE DIFFERENTIAL MODEL	<ul> <li>(Hydrostatic, standard, automatic)</li> <li>(in litres)</li> <li>(Dextron III, synthetic, weight, etc.)</li> <li>(# of filters and part numbers; internal and external filters)</li> <li>(Gasket, o-ring, secondary filters etc.)</li> </ul>	DETAILS FROM VENDOR
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION FILTER KITS TRANSMISSION COOLER <b>FRONT DIFFERENTIAL</b> DIFFERENTIAL MAKE DIFFERENTIAL MODEL DIFFERENTIAL SERIAL #	(Hydrostatic, standard, automatic) (in litres) (Dextron III, synthetic, weight, etc.) (# of filters and part numbers; internal and external filters) (Gasket, o-ring, secondary filters etc.) (Make and part number if applicable)	DETAILS FROM VENDOR
TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER <b>FRONT DIFFERENTIAL</b> DIFFERENTIAL MAKE DIFFERENTIAL MODEL DIFFERENTIAL SERIAL # DIFFERENTIAL OIL TYPE	(Hydrostatic, standard, automatic) (in litres) (Dextron III, synthetic, weight, etc.) (# of filters and part numbers; internal and external filters) (Gasket, o-ring, secondary filters etc.) (Make and part number if applicable)	DETAILS FROM VENDOR

DIFFERENTIAL MODEL		
DIFFERENTIAL SERIAL #		
DIFFERENTIAL OIL TYPE	(e.g. 80W90, synthetic)	
DIFFERENTIAL CAPACITY	(In litres)	
TIRES/WHEELS/ETC.		DETAILS FROM VENDOR
TIRE MANUFACTURER & BRAND		
TIRE SIZE FRONT		
TIRE SIZE REAR		
WHEEL NUT TORQUE	(lb-ft)	
WHEEL NUT RE-TORQUE INTERVAL		
FINAL DRIVE/HUB	(Oil type and capacity)	
WHEEL SPINDLES OIL CAPACITY	(In litres)	
WHEEL SPINDLES FLUID TYPE	(e.g. 80w90, Dextron, synthetic)	
POWER STEERING CAPACITY	(In litres)	
POWER STEERING FLUID	(e.g. ATF or synthetic)	
POWER STEERING FILTER #	(Make, part number, quantity)	
BRAKE FLUID	(Туре)	
BRAKE TYPE	(Hydraulic/air)	
MISC. ITEMS		DETAILS FROM VENDOR
	(Enter make, model, part #) Integers only (e.g. 105, 125, etc.)	
ALTERNATOR AMPS BATTERY MAKE	Integers only (e.g. 105, 125, etc.)	
BATTERY MODEL		
BATTERY CCA		
BATTERY QTY.		
BATTERY VOLTAGE		
	(Enter make and part number)	
BELT A/C PART #		
BELT COMPRESSOR PART #		
BELT FAN PART #		
BELT ALTERNATOR PART #		
BELT STEERING	(V-belt or serpentine, quantity)	
BELT STEERING PART #		

COMPRESSOR CFM	(e.g. 13.2, 15, 18)	
COMPRESSOR MODEL	(Enter make and model)	
COMPRESSOR PART #		
AIR DRYER	(Enter make and model)	
AIR DRYER PART/SERIAL #		
AIR DRYER DESCIANT		
AIR DRYER FILTER	(part number)	
AUX. HEATER TYPE	(Diesel, electric, etc.)	
AUX. HEATER MAKE		
AUX. HEATER MODEL		
AIR CONDITIONING	(Type, 113 etc.)	
AIR CONDITIONING CAPACITY	(lbs)	
A/C RECEIVER DRYER PART #	(part, number)	
ATTACHMENT ITEMS	(Construction equipment)	DETAILS FROM VENDOR
SKID SHOE	(part number)	
STINGER BLADES	(part number)	
STINGER TEETH	(Quantity and part number)	
BUCKET TEETH	(Quantity and part number)	
CUTTING TOOTH		
CLAM BUCKET BLADE	(Dimensions and part number)	
UTILITY BUCKET BLADE	(Dimensions and part number)	
BOX SCRAPER BLADE	(Dimensions and part number)	
BUCKET CAPACITY		
BUCKET BLADES AND SIDES	(Quantity and part number)	
GRADER BLADES	(part number)	
GRADER ICE BLADES	(Part number)	
WING BLADES	(Part number)	
BODY UNIT ITEMS		DETAILS FROM VENDOR
BODY SUPPLIER	(Name and contact number)	
BODY TYPE		
BODY MAKE		
BODY MODEL		
BODY SERIAL NUMBER		
BOX SIZE	(Length and/or capacity)	

HYDRAULICS		DETAILS FROM VENDOR
HYDRAULIC PUMP	(Make, model and capacity)	
РТО	(Make, model and shift type)	
HYDRAULIC TANK CAPACITY	(In litres)	
HYDRAULIC FILTER NUMBER	(Filter number and screen numbers)	
HYDRAULIC FLUID TYPE	(e.g. N22, synthetic)	
HYDRAULIC FILTER	(Make, quantity and part number)	
HYDRAULIC SCREEN	(Make, quantity and part number)	
HYDRAULIC BREATHER	(Make, quantity and part number)	
HYDRAULIC SPINNER		
HYDRAULIC SPINNER MAKE		
HYDRAULIC SPINNER MODEL		
HYDRAULIC SPINNER SERIAL #		
CONVERYOR MOTOR MAKE		
CONVERYOR MOTOR MODEL		
CONVERYOR MOTOR SERIAL #		
CYCLE TIME DOWN		
CYCLE TIME UP		
SANDER/DUMP CONTROLS		DETAILS FROM VENDOR
CONTROL SYSTEM MAKE		
CONTROL SYSTEM MODEL		
CONTROL SYSTEM SERIAL #		
CONTROL SYSTEM PART #		
CONVEYOR CHAIN	(Length and part #)	
SENSORS	(Part #s)	
CALCIUM PUMP MAKE		
CALCIUM PUMP MODEL		
CALCIUM PUMP SERIAL #		
CALCIUM PUMP CAPACITY		
UNIT ITEMS	ATTACHMENT(S)	DETAILS FROM VENDOR
TYPE	(e.g. snow blower, mower, spreader, etc.)	
MAKE/ MANUFACTURER	(e.g. John Deere, Colpron, etc.)	
MODEL		

YEAR	(Enter year manufactured)	
AUX. ENGINE	(Make and model)	
AUX. ENGINE DISPLACEMENT	(In cubic inches and litres)	
AUX. ENGINE SERIAL #		
SUPPLIER/DEALER	(Name, phone number, and contact person)	
FUEL TYPE	(e.g. gas, diesel, propane)	
ODOMETER/HOUR METER		
AUX. ENGINE HORSE POWER	(Enter as xxx H.P. @ xxxx RPM	
AUX. ENGINE CYLINDERS	(Number of cylinders)	
AUX. ENGINE OIL CAPACITY	(Capacity with filter, in litres)	
AUX. ENGINE OIL FILTER PART	(Number of filters and part number)	
AUX. ENGINE OIL TYPE	(e.g. 15W40, regular or synthetic)	
AUX. ENGINE AIR FILTER (PRI)	(Make, part number, quantity)	
AUX. ENGINE AIR FILTER (SEC)	(Make, part number, quantity)	
HYDRAULICS	ATTACHMENT(S)	DETAILS FROM VENDOR
HYDRAULIC DRIVE MAKE	(Enter make & model)	
HYDRAULIC DRIVE MODEL		
HYDRAULIC DRIVE SERIAL #		
HYDRAULIC DRIVE TYPE	(Hydrostatic, standard, automatic)	
HYDRAULIC DRIVE FLUID	(in litres)	
HYDRAULIC DRIVE FLUID CAPACITY	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and	
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE	(Dextron III, synthetic, etc.)	
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S)	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable)	
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable)	
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable)	DETAILS FROM VENDOR
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP SWEEPER BROOM SEGMENTS	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable)	DETAILS FROM VENDOR
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable) (Part number if applicable)	DETAILS FROM VENDOR
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP SWEEPER BROOM SEGMENTS	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable) (Part number if applicable) (part #)	DETAILS FROM VENDOR
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP SWEEPER BROOM SEGMENTS WATER FILTER	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable) (Part number if applicable) (part #) (part #)	DETAILS FROM VENDOR
HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP SWEEPER BROOM SEGMENTS WATER FILTER WEAR PLATES	(Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable) (Part number if applicable) (part #) (part #) (part #)	DETAILS FROM VENDOR

PREDICTIVE MAINTENANCE	Predictive maintenance (PdM)	DETAILS FROM VENDOR
ITEMS	techniques help determine the	(Intervals in hrs/kms)
	condition of in-service Equipment in	
	order to predict when maintenance should be performed. The ultimate	
	goal of PdM is to per-form	
	maintenance at a scheduled point in	
	time when the maintenance activity is	
	most cost-effective and before the	
	Equipment loses performance.	

## FORM Q-SUSTAINABILITY QUESTIONNAIRE

	<u>Information</u> Sustainability: High Quality, Small Ecological Footprint	(Yes/No)
1.	Have you employed environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity as compared to similar goods? If yes, please describe them below.	
Describe:		
2.	Have you obtained 3rd party environmental certifications for any of the products that you are supplying in this Bid Opportunity?	
Describe:		
3.	Have you performed a life cycle assessment of the goods you are supplying in this Bid Opportunity? If yes, please describe below.	
Describe:		
4.	Are there any other environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity that we could have specified in this tender, but have not? If yes, please describe them below.	
Describe:		
	<u>/ Information</u> nd Climate: Reducing Energy Costs and Greenhouse Gas Emissions	
1.	Have you measured your corporate greenhouse gas emissions? If yes, please report your total annual greenhouse gas emissions reported in the most recent year measured?	
Describe:		
2. Describe:	Have you set publicly available greenhouse gas reduction targets? If yes, what are those targets?	

## Material Efficiency: Reducing Waste and Enhancing Quality

1.	Do you measure the total amount of solid waste generated from the facilities that produce your product(s for this Bid Opportunity? If yes, please report for the most recent year measured.	5)
Describe:		
2.	Have you set publicly available solid waste reduction targets? If yes, what are those targets?	
Describe:		
3.	Do you measure the total water use from facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.	
Describe:		
4.	Have you set publicly available water use reduction targets? If yes, what are those targets?	
Describe:		
Notural P	esources: Responsibly Sourced Raw Materials	
Natural K		
1.	Have you established publicly available sustainability purchasing guidelines for your direct suppliers that address issues such as environmental compliance, employment practices and product safety?	
Describe:		
Social Re	sponsibility: Ensuring Responsible and Ethical Production	
1.	Do you have a process for managing social compliance at the manufacturing level?	
Describe:		
2.	Do you work with your supply base to resolve issues found during social compliance evaluations and als	60
Doooribe	document specific corrections and improvements?	
Describe:		

# 3. Do you invest in community development activities in the markets you source from and/or operate within?

Describe: