### FORM A: BID (See B8)

1.	Contract Title	SUPPLY AND DELIVER BACKHOE	Y OF A INDUSTRIAL TRACTOR	LOADER
2.	Bidder			
		Name of Bidder		
		Usual Business Name of Bidd	er as it appears on Invoice (if different from	n above)
		Street		
		City	Province	Postal Code
		Email Address of Bidder		
		Facsimile Number		
	(Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
		GST Registration Number (if a	pplicable)	
		The Bidder is:		
	(Choose one)	a sole proprietor		
		a partnership		
		a corporation		
		carrying on business und	der the above name.	
3.	Contact Person	The Bidder hereby auth the Bidder for purposes	orizes the following contact pers of the Bid.	on to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
		Email Address		
4.	Definitions	All capitalized terms u	sed in the Contract shall have	the meanings

ascribed to them in the General Conditions and D3.

5.	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.
6.	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.	Indigenous Self- Declaration	The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.
		YES, 51% or more Indigenous ownership
		NO, it is not
		This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

11.	Signatures	The Bidder or the Bidder's authorized official or	officials have signed the
11.		day of	, 20
		Signature of Bidder or Bidder's Authorized Official or Officials	
		(Print here name and official capacity of individual whose sign	gnature appears above)
		(Print here name and official capacity of individual whose sign	gnature appears above)

## **FORM B: PRICES**

(See B9)

### SUPPLY AND DELIVERY OF AN INDUSTRIAL TRACTOR LOADER BACKHOE

### **UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Industrial Tractor Hi-Rail Loader Backhoe 110HP	18036	Each	1	
1a.	Option 1: Attachments  Clam Bucket 4-in-1 (Loader) Digging Bucket (Backhoe) Tube Talon Attachment (Backhoe) Hi-Rail Dolly Set	18036	Each	1 1 1 1	

Name of Bidder	 <del>-</del>	

# FORM N: DETAILED SPECIFICATIONS 18036 INDUSTRIAL TRACTOR LOADER BACKHOE (110HP)

#### 1.0 <u>DESCRIPTION OF EQUIPMENT</u>

- 1.1 These specifications describe an <u>Industrial Tractor Loader Backhoe</u> and other equipment and features as specified herein. The specifications describe the supply and delivery of a trailer mounted, self-contained, diesel fueled Industrial Tractor Loader machine.
- 1.2 The Industrial Tractor Loader Backhoe shall be a new 2018 model year or newer.
- 1.3 The Industrial Tractor Loader Backhoe and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 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.

#### 2.0 OTHER SPECIFICATIONS AND STANDARDS

- 2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.2 The **Industrial Tractor Loader Backhoe** shall comply with the applicable regulations:

National Safety Mark, NSM = http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm

Manitoba Safety and Health Act, Parts 12, 22 = <a href="http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php">http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php</a> and <a href="http://www.gov.mb.ca/labour/safety/">http://www.gov.mb.ca/labour/safety/</a>

Canadian Standards Association, CSA = http://www.csa.ca/about/Default.asp?language=english

Under Writers of Canada, U/L = http://www.ulc.ca/

Society of Automotive Engineers, SAE = <a href="http://www.sae.org/">http://www.sae.org/</a>

City of Winnipeg Lighting Visibility

Standard=http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibilitv.pdf.

2.3 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the units.

#### 3.0 SERVICE FACILITY

3.1 For the purpose of warranty repairs, the Bidder 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 type equipment being offered. Further to B9.1, Bidders shall provide a description of the service facility including, but not limited to, number of qualified service staff, years of service experience, and general service capabilities within three (3) Business Days upon request of the Contract Administrator.

5.0

5.1

6.0

- 3.2 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that the City of Winnipeg Repair Facility perform warranty work. Any Work performed by the City of Winnipeg Repair Facility shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for 2017: \$109.00/hour and \$129.00/hour for overtime and callout).
- 3.3 Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.

	The Bidder shall choose and fill in one of the Clauses listed below 3.4) or 3.5)
3.4	Bidder's own facility location. State the location of the service facility below.
3.5	Bidder elects to have warranty work be performed by the City of Winnipeg. Bidder shall provide all warranty authorization processes.
4.0	<u>REFERENCES</u>
4.1	Provide five (5) references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.
	·

**State** make, year and model of the equipment bid-

INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 6.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.
- All items in these specifications must be answered indicating compliance or non-compliance.

  BIDDERS SHALL STATE "YES" FOR COMPLIANCE OR STATE DEVIATION, or give reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 6.3 EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID

#### 7.0 PERFORMANCE RELIABILITY

MAKE & MODEL

- 7.1 The responsibility for the design of the <u>Industrial Tractor Loader Backhoe</u>, its performance and reliability shall rest upon the Contractor.
- 7.2 The term "repeated failures" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of 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 schedule.

- 7.3 Where the <u>Industrial Tractor Loader Backhoe</u> develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.
- 7.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C)

#### 8.0 FUEL

8.1 Where applicable, all equipment must be fully fueled upon delivery (no exceptions).

#### 9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

- 9.1 The manufacturer of the <u>Industrial Tractor Loader Backhoe</u> shall have five (5) years continuous experience manufacturing the equipment.
- 9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.
- 9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Industrial Tractor Loader Backhoe** of the type being offered.

#### 10.0 **SPECIFICATIONS**:

#### **ENGINE**

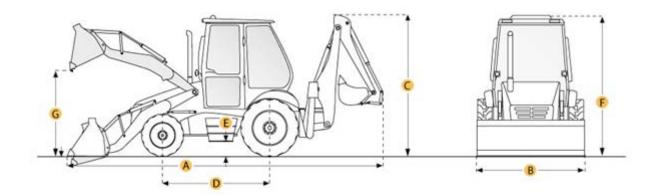
10.1	Engine make & model	State
10.2	Engine specification	Diesel, Emissions Tier IV Diesel Interim or Final, must meet current Emission Standards.
10.3	Horse power	Approx. Net 110 hp. State.
10.4	Torque	Net torque, <b>State.</b>
10.5	Engine aspiration	State.
10.6	Fuel shut off	Electric solenoid type.
10.7	Fuel filter	With water separator.
10.8	Oil filter	Full flow, spin-on type.
10.9	Air cleaner	Dry cartridge type with dash mounted restriction indicator.
10.10	Throttle	Hand operated with foot override.
10.11	Exhaust	Mufflered, vertical discharge with bend and 40° cut-off (rain cap unacceptable).

		0	
10.12	Coolant	Extended life, protected to -40° C.	
10.13	Engine block heater	Approx. 750 Watts.	
10.14	Cold weather starting aid	Glow plugs or air intake warmer, <b>state</b> type.	
10.15	Fuel tank	State capacity.	
10.16	Front radiator guard	Made from steel and painted, protects radiator from rocks and debris when using the front loader. Designed to permit servicing of radiator without being removed.	
	ELECTRICAL/ LIGHTING/ SAFETY		
10.17	Туре	12-Volt, negative ground electrical system.	
10.18	Electric starter	With key starter switch.	
10.19	Batteries	Dual batteries, 1600CCA combined capacity.	
10.20	Battery disconnect switch (lockable)	Protected from the elements. Switch to be lockable with pad lock.	
10.21	Alternator	Approx. 150 Amp, state capacity.	
10.22	Combined stop and tail lights	Two (2).	
10.23	Signal lights with warning flashers	Two (2) front and two (2) rear.	
10.24	Warning flashers	Operable with key removed.	
10.25	Headlights	Two (2).	
10.26	Working lights	Front- four (4) front mounted, adjustable, located immediately below cab roof line.	
		Rear-four (4) rear mounted, adjustable, located immediately below the cab roof line.	
		Side-two (2) side mounted, located immediately below cab roof line.	
10.27	Light switches	Independent on/off switch for each pair of work lights, dash mounted, wired through ignition, labeled with permanent type, engraved style labels.	
10.28	Cab interior light	Interior light.	
10.29	Radio	AM/FM/CD or MP3.	

10.30	Radio installation provision	12 volt, 20Amp spate/independent circuit available at a spare circuit breaker, suitable for installation of a 2-way mobile radio.	
10.31	Horn	Operable from driving position and from backhoe position.	
10.32	Safety lighting (beacon)	Make and Model: Whelen L31 Series Super-LED, SAE Class 1 (or equivalent in accordance to B6) Blue/Amber (individual control) beacon, 360 degree visibility. Wired through ignition, lights shall be wired for separate amber and separate blue labelled independently "winter", "off", "summer". The winter mode will turn on both blue and the summer will only turn on the amber lights.	
10.33	Beacon guard	Ramped, heavy duty bolt-on metal guard, designed to permit servicing of beacon without being removed.	
10.34	Back-up alarm	Approx. 97 dB, factory installed, mounted to be protected from damage.	
10.35	Wiring	All locally installed accessories shall be color coded, loomed and properly secured. Splicing in any factory harness is unacceptable. All electrical power for locally supplied electrical components to be supplied from an OEM power distribution box. All joining of wires and electrical connectors shall be soldered and sealed with heat shrink tubing. All wiring for work lights and warning lights shall be supplied with no exposed wiring.	
10.36	LED lighting	All lighting LED, state.	
10.37	Slow moving sign	Grote 71152 (or equivalent in accordance to B6) with bracket mounted to rear of backhoe.	
	TIRES, RIMS, FENDERS		
10.38	Front tires	Michelin or Bridgestone radial or bias, (or equivalent in accordance to B6) state.	
10.39	Ply rating	State ply rating.	
10.40	Tread	R4,Industrial tractor.	

10.41	Rear tires	Size 21L-24, Michelin or Bridgestone radial or bias, (or equivalent in accordance to B6) <b>state.</b>	
10.42	Ply rating	State ply rating.	
10.43	Tread	R4, industrial tractor.	
10.44	Fenders (extensions)	Front and rear, rubber or polymer, state, material.	
	AXLES & BRAKES		
10.45	Front axle	Driven type (4WD) with guarded drive shaft (limited slip differential).	
10.46	Rear axle	Differential lock, push button activation.	
10.47	Brakes	Wet disk type with individual pedals simultaneous or independent operations.	
10.48	Parking brake	Foot or hand operated, <b>state</b> type.	
	TRANSMISSION		
10.49	Туре	Power-shift transmission with torque convertor, manual shift with power reverser, <b>state.</b>	
10.50	Shifting	Fully synchronized.	
10.51	Speeds forward	Four (4), state.	
10.52	Speeds reverse	Four (4), state.	
10.53	Power-shift	Direction reverser.	
10.54	Travel speed Max	Forward speed: approx. 24 mph (40 kph), <b>state.</b>	
		Reverse speed: approx. 24 mph (40 kph), <b>state.</b>	

# **DIMENSIONS**



10.55	Overall transport length (A)	Approx. 24', <b>state.</b>
10.56	Overall transport width (B)	Approx. 8', <b>state.</b>
10.57	Overall transport height (C)	Approx. 12'5", <b>state.</b>
10.58	Overall width	Stabilizer spread, outside edge of pad,state.
10.59	Wheelbase (D)	Approx. 84", <b>state.</b>
10.60	Ground clearance (E)	Approx. 12", <b>state.</b>
10.61	Overall height (top of cab) (F)	Approx. 9', <b>state.</b>
10.62	Operating weight ( as bid)	Approx. 18,000lbs, (without attachments) <b>state</b> weight.
10.63	Turning radius	Curb clearance with brakes applied,state.
	FRONT END LOADER	
10.64	Eift capacity, full height	Approx. 8400lbs., <b>state.</b>
10.64 10.65		Approx. 8400lbs., <b>state.</b> Approx. 13,000lbs., <b>state.</b>
	Lift capacity, full height	
10.65	Lift capacity, full height Bucket breakout force	Approx. 13,000lbs., <b>state.</b>
10.65 10.66	Lift capacity, full height Bucket breakout force Dump clearance as bid (G)	Approx. 13,000lbs., <b>state.</b> Bucket @ 45 <sup>0</sup> approx. 108 inches, <b>state</b> Single lever with clutch disconnect
10.65 10.66 10.67	Lift capacity, full height Bucket breakout force Dump clearance as bid (G) Controls	Approx. 13,000lbs., <b>state.</b> Bucket @ 45 <sup>0</sup> approx. 108 inches, <b>state</b> Single lever with clutch disconnect button, return –to-dig and float.
10.65 10.66 10.67 10.68	Lift capacity, full height Bucket breakout force Dump clearance as bid (G) Controls Self-levelling bucket	Approx. 13,000lbs., <b>state.</b> Bucket @ 45 <sup>0</sup> approx. 108 inches, <b>state</b> Single lever with clutch disconnect button, return –to-dig and float.  With level indicator.  Required to prevent bucket heel from rubbing on ground with bolt-on cutting

10.72	Hydraulic function	For attachment growth, 3 <sup>rd</sup> function valve. High flow pump, approx. 43 gpm Couplers and controls shall be provided as required on all machines to accommodate, a brush mower attachment etc.	
10.73	Hydraulic quick attach	For loader bucket. In cab controls to release pins from bucket.	
10.74	OEM ride control	State.	
	BACKHOE		
10.75	Туре	Centre pivot with extendable dipperstick.	
10.76	Maximum digging depth	Approx. 19'6", <b>state</b> digging depth.	
10.77	Overall reach from rear axle centerline	Approx. 27', <b>state</b> reach.	
10.78	Digging force	Bucket cylinder (SAE), with 24 inch bucket approx. 15,000lbs., <b>state.</b>	
10.79	Digging force	Crowd cylinder (SAE), with dipper-stick retracted approx. 10,500lbs., <b>state.</b>	
10.80	Lifting capacity with stick at 12ft reach	Approx. 4,400lbs. state.	
10.81	Controls	SAE excavator style, pilot operated hydraulic joystick controls.	
10.82	Multi-brand Quick coupler attachment bracket	For quick attachment of all buckets and hydraulic hammers, <b>state</b> make and model being bid.	
10.83	360° rotation and tilt attachment coupler	Hydraulic quick attach.	
10.84	Attachment bracket	Permit use of two (2) bucket positions.	
10.85	Attachment bracket	Permit bucket, and bucket position changes.	
10.86	Certified lifting hooks	All buckets to be complete with certified lifting hooks.	
10.87	Stabilizer pads	Designed for use on railways.	
10.88	Front counterweight	Supplied as to provide proper machine balance and loading characteristics.	
10.89	Replaceable bushings and grease fittings	At backhoe pivot points, cylinder rod and closed ends, and bucket links.	

10.90	Auxiliary hydraulics	For attachment growth, 3 <sup>rd</sup> function valve. High flow pump, approx. 43 gpm Couplers and controls shall be provided as required on all machines to accommodate, BTE tube tie talon etc.	
	<u>ATTACHMENTS</u>		
	Note: Options to be priced only as indica	ated on Form B: Prices.	
	Option 1: unit to have the following a	attachments	
10.91	Clam bucket	4 in 1 combination, with bolt-on cutting edge. Approx. width 93" with 1.4 yd <sup>3</sup> capacity. Replaceable bolt-on cutting edges for all three edges of the bucket. (Quick Attach)	
10.92	24 inch digging bucket	24 inch heavy duty digging bucket with replaceable pin-on teeth, complete with required attachment pin(s) and certified lifting hooks. Backhoe to be delivered with 24 inch digging bucket (w/teeth) installed.	
10.93	Hydraulic thumb (backhoe)	Factory installed, <b>state</b>	
10.94	BTE (or equivalent) Extendable Tube talon (backhoe)	Extendable with rotozip for removing and inserting railway ties.	
	Hi Dail Dally Cat		
40.05	Hi-Rail Dolly Set	Otata	
10.95 10.96	Hi-Rail Make Hi-Rail Model	State.	
10.90	HI-NAII WOULI	State.	

10.97 Rear dolly

Four (4) wheel dolly with rear tower bracket. Rear tower bracket mounted to the rear of loader backhoe. With mechanical lock pins. Backhoe to be delivered with bracket installed.



10.98 Bucket wheels

10.109 Ignition keys

Heat treated and lubricated rail wheels with mechanical lock pins (stowable). Backhoe to be delivered with bucket wheels installed.



Three (3) sets required per machine.

10.99 Rail Travel Speed Approx. 24 mph (40 kph), **state.**10.100 Guide Wheels Approx. 8" in diameter.

10.101 Track Gauge Standard, 56.5 inches.

10.102 Brakes Rubber tire friction rail travel and braking.

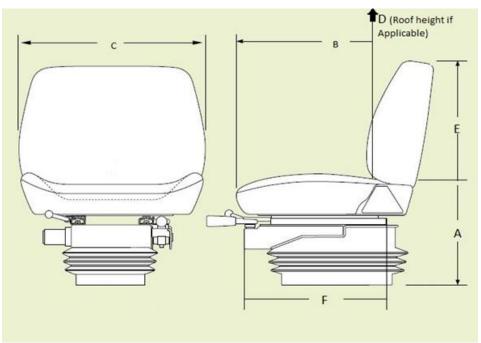
		braking.
	OPERATOR CAB	
10.103	Type-ROPS	Roll-over protective structure complete with pressurized cab, OSHA certified or equivalent in accordance with B6.
10.104	Insulation and headliner	For sound suppression and severe weather/climate.
10.105	Floor covering	Rubber matting, throughout.
10.106	Seat	Cushioned, adjustable bucket type with arm rests, cloth upholstery air suspension with retractable seat belt.
10.107	Ride control	Factory installed.
10.108	All windows	Tinted safety glass with appropriate markings for all panes and opening type where applicable.

10.110	Doors	One (1) each side with apring assisted	
10.110	Doors	One (1) each side with spring assisted strut, lockable with common key.	
10.111	Interior rear-view mirror	Adjustable.	
10.112	Windshield wipers	Intermittent preferred, requires front and rear.	
10.113	Heater/defroster	Heavy duty, hot water type with multi- speed fan, capable of keeping all windows clear at -40 <sup>0</sup> C.	_
10.114	Window fans	Two (2) with guards.	
10.115	Air conditioning	Factory installed with under hood compressor. (Note: roof mounted air conditioners are not acceptable).	
10.116	Steps	Open grate style.	
10.117	Toolbox	Lockable, state location.	
10.118	Instrumentation	Coolant temperature-gauge with audible alarm. Engine oil pressure-gauge or warning light with audible alarm. Engine hour meter-non resettable type. Tachometer. Fuel gauge.	
10.119	Noise Level, interior	Approx. 85 dB(A), measured in accordance with SAE J336, <b>state</b> noise level.	_
10.120	Fire extinguisher	Five (5) lbs. High volume ABC type,  State location.	
	GREASING SYSTEM		
10.121	Greasing system	Parallel NLGI-2 (or equivalent in accordance with B6) heavy-duty automatic lubrication system, connected to all grease points, outfitted with automatic low level shut-off. With an in cab monitor showing system status such as low level, low pressure and/ or fault code display.	-
10.122	Pump reservoir	a) Approx. 6kg pump reservoir.  Parameters preprogrammed to accommodate 500 hour service intervals.  Pump must have correct filler adapter fitting for City of Winnipeg maintenance staff to refill reservoir.  b) Access to refill the pump reservoir	=
		shall be via remote fill line of min. 3/8" hose to accommodate a refill procedure at ground level.	-

10.123	Power input	a) System power connection 12-Volt to ignition source with an accessible fuse protection. Greasing system to shut down when the engine is turned off.  b) Bidder to suggest possible anti idle protection feature providing it does not affect Machine OEM warranty.
10.124	Grease lines	a) Extreme Low temperature (example: Parker Blue Stripe or equivalent in accordance with B6) steel braided rubber hose. With compatibility to accommodate max working pressure of 5000psi. Each hose on all connected points must be outfitted with #4 JIC crimped ends. Thread sealant for each fitting must be used.
		b) In extreme environment areas such as the lower machine articulator pin, and front bucket pins, heavy wall pipe must be fitted.
10.125	Greasing points	a) <b>State</b> , quantity of greasing points connected to the automatic lubrication system.
		b) <b>State,</b> quantity of remote grease lines points that cannot be connected to the automatic lubrication system.
10.126	Grease fittings	Each connected component must have a manual grease zerk either at each injector or at the connected component to manually lubricate.
10.127	Injector manifolds	Mounted secure in an area away from debris impact. Special guards should be fitted for injector manifolds and hoses, in areas of consistent debris impact (snow, ice, etc.).
11.0	OPERATOR STATION ERGONOMICS	
	Entry/ Exit	
11.1	First step entry height	State, height of first step in inches.
11.2	First handhold entry height	State, first handhold entry height in inches.
11.3	Access to equipment	State, door opening height in inches.
11.4	Access to equipment	State, door opening width in inches.
11.5	Designed to prevent slipping	Anti-slip steps/handholds (Y or N)?

11.19 Adjustable shoulder belt

# Seat (use below diagram to answer questions)



11.6	Sitting height range from floor (where feet rest) (A)	State, seat height range in inches.
11.7	Seat length/depth (B)	State, seat length/depth in inches.
11.8	Seat width (C)	State, seat width in inches.
11.9	Cab height from seat to roof (if applicable) (D)	State, cab height range in inches.
11.10	Back rest height (E)	State, back rest height in inches.
11.11	Seat travel range (F)	State, seat travel in inches.
11.12	Lumbar support	Is lumbar support provided (Y or N)?
11.13	Head rest	Is head rest provided (Y or N)?
11.14	Seat is made of breathable material	State, type of seat material.
11.14	Seat is made of breathable material	State, type of seat material.
11.14	Seat is made of breathable material  Operation	State, type of seat material.
11.14		State, type of seat material.  State, reaching distance in inches.
	<u>Operation</u>	State, reaching distance in inches.  State, maximum reach distance in
11.15	Operation Reaching distance to usual work	State, reaching distance in inches.

N)?

Is belt adjustable and anchored (Y or

12.0	WARRANIY		
12.1	All warranty information shall be deta Contractor shall provide all published equipment. Bidder shall state all war	d warranty information upon delivery of the	
12.2	Basic coverage	State:	
12.3	Power train	State:	
12.4	Hydraulics warranty	State:	
12.5	Batteries warranty	State:	
12.6	Tires warranty	State:	
12.7	Electrical warranty	State:	
13.0	DELIVERY		
13.1	applicable) to the WFMA 185 Tecum	all be serviced, ready for operation prepaid, including invoice and N.I.V.S. (if aseh Street, Winnipeg MB. The successful actor Administrator the delivery address prior	
13.2	Delivery Time: <u>Twelve (12) calenda</u> shall be delivered between 8:00 am	<u>r weeks</u> from the date of award. Equipment and 2:00 pm on Business Days.	
13.3	Delivery Contact: The Contractor sha prior to delivery of the equipment.	all contact the Contract Administrator	
13.4	P.D.I: A pre-delivery inspection shall equipment. Proof upon inspection in	be performed by the Contractor on the cluding completed check list	
14.0	MANUALS		
14.1		ct shall cover the complete equipment O or USB flash drive is preferred where	
14.2	The following manuals shall be supp	lied with the units when delivered:	
	a) Operator's manual – Two (2) per to be sent to the Equipment Operator T		
	b) Parts and service manuals – one maintenance schedules. CDs or US	(1) complete sets including preventative B flash drive are preferred.	

# 15.0 FIRST SERVICE PREVENTATIVE MAINTENANCE KIT

15.1	Contractor shall provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing.	
15.2	The Contractor shall provide a list of factory recommended lubricants to be used with the equipment, as well as a complete cross reference guide for all warranty approved lubricants and filters that can be used during preventative maintenance servicing.	
16.0	PARTS/LABOUR PRICING	
16.1	Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts	%
	pricing. State percentage discount-	
16.2	Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop	%
	labor rate. State percentage discount-	