# PART A BID SUBMISSION

## FORM A: BID (See B7)

		(See B7	)	
1.	Project Title	SUPPLY & DELIV	ERY OF 3 CUBIC YD FRONT LOADERS	END WHEEL
2.	Bidder			
		Name of Bidder		
		Street		
		City	Province	Postal Code
	(Mailing address if different)	Street or P.O. Box		
		City	Province	Postal Code
		The Bidder is:		
	(Choose one)	a sole proprietor		
		a partnership		
		a corporation		
		carrying on business ur	nder the above name.	
3.	Contact Person	The Bidder hereby aut the Bidder for purposes	horizes the following contact p of the Bid.	erson to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
4.	Definitions		used in the Contract shall hat General Conditions and D3.1	
5.	Offer		ers to perform the Work in act), in Canadian funds, set out o	
6.	Commencement of the Work		no Work shall commence unti orizing the commencement of the	

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 Submission.
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 irrayacable for a
		This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.
10.	Signatures	In witness whereof the Bidder or the Bidder's authorized official or officials have signed this
		, 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 & DELIVERY OF 3 CUBIC YD FRONT END WHEEL LOADERS

	When entering	prices into	the table below,	prices shall	include	Tire tax.
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When entering prices into the table below, <u>do not include</u>
Federal and Provincial Taxes (Goods And Services Tax (GST) and Manitoba Retail Sales Tax (PST)).

These taxes shall be extra (see clause B8.1.1)

I T E M	DESCRIPTION	SPEC. REF.	U N I T	Q U A N	UNIT PRICE	EXTENDED AMOUNT ( unit price x quantity )	
1	3 Yd Front End Wheel Loaders	05 - 045	Ea.	2	\$	\$	
2	Operator's Manuals	05 - 045	Ea.	4	\$	\$	
3	Parts, Repair and Technical Service Manuals	05 - 045	Ea.	2	\$	<b>\$</b>	
TOTAL BID PRICE (GST and PST extra) (In figures) \$  (In words)							

Name of Bidder		

### FORM N: DETAILED SPECIFICATIONS 05 ~ 045

### **3 CUBIC YD FRONT END WHEEL LOADERS**

### 1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE

1.1 These specifications describe the supply and delivery of a minimum

### Four Wheel Drive Articulated Wheel Loader With a 3 Cubic Yd Bucket

and other equipment and features as specified herein.

- 1.2 Shall be capable of consistent top performance for construction activities, snow removal work and other miscellaneous functions such as ground, boulevard and parkland maintenance during the summer and winter environment, which is normal to the City of Winnipeg.
- 1.3 The <u>four-wheel drive wheel loader</u> and all other items/components shall be the manufacturer's latest models. The <u>wheel loader</u> shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the <u>wheel loader</u>, (including attachments) in successful operation shall be furnished as though specifically mentioned in these specifications. The complete <u>wheel loader</u> and 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.

### 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.
- The <u>wheel loader and all its components</u> shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements.
- 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.
- 2.4 The ratings specified herein merely state the minimum values acceptable to the City. There is no intent of implying that these values are sufficient for the design of the unit being bid.

### 3.0 QUALIFICATIONS OF MANUFACTURER / BIDDER

- 3.1 Manufacturers of the equipment of the type being offered, must have a minimum of three (3) continuous years of experience in the manufacture of <u>wheel loaders.</u>
  - A 1% Bid Advantage for each year of manufacture (up to 3%) will be offered as an indication of equipment performance and reliability.
- 3.2 The Bidder shall be an authorized distributor/supplier of the wheel loader equipment being bid.

### 4.0 **SERVICE FACILITY**

- 4.1 For the purpose of warranty repairs, the Bidder shall have an authorized service facility <u>located within 10 km of the boundaries of the City of Winnipeg.</u> The facility, or a portion thereof, shall be dedicated to the service and maintenance of the type 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, and general service capabilities within three (3) Business Days upon request of the <u>Contract Administrator</u>.
- 4.2 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

7.1

7.2

7.2.1

State make and model being bid:

Manufacturer's standard colour. State.

OEM paint.

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 2005: \$68.00/hour and \$95.00/hour for overtime and callout).

4.3	Locati	ion of the service faci	lity located withi	n 10 km of the bour	ndaries of the C	City of Winnipeg.	
	The Bi	The Bidder shall choose and fill in one of the Clauses listed below 4.3.1) OR 4.3.2)					
4.3	3.1	Bidder's own facility location. State the location of the service facility below.					
4.3	3.2	Bidder elects to have Winnipeg Repair Faci		performed by the Cit	ty of		
5.0	ELIG	SIBLE MODELS					
5.1	Shall	l be the following eligib	le manufacturer's	model(s):			
	Johr	n Deere – 544 J	Caterp	illar – 928 GZ	Vol	lvo – L70 E	
5.2	the n	City will only accept eq nanufacturers cannot p h have performance ch ifications in this docum	rovide the exact maracteristics that e	nodels listed, the City	y will consider ne	ewer or upgraded m	nodels
5.3	In ad	ldition to qualification a ract.	s an eligible mode	I, bids must be respo	onsive under the	specification section	on of this
6.0	.0 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.			he Bid			
6.2	state	ems in these specificati "yes" for compliance c ly stated and fully deta	or state deviation,	or give reply where r	equested to do s	so. Deviations shal	
6.3	Each	n bidder is required to fi	ll in every blank. <u>I</u>	Failure to do so ma	y be used as a	basis for rejection	of bid.
7.0		DER'S MAKE AND MO	<u>DDEL</u>				

8.0	WEIG	SHT & DIMENSIONS			
8.1	Opera	ating weight – 27,000 lbs. (12,245kg) minimum.			
	State	operating weight.			
8.2	Overa	all width over tires, less bucket - State			
8.3	Overa	all height (to top of cab, not including warning beacon) - State.			
8.4	Grour	nd clearance - State.			
8.5	Overa	all length, bucket on ground - State.			
9.0	ENGI	<u>INE</u>			
9.1	Туре	-diesel, liquid cooled and turbo charged.			
9.2	<u> </u>	orsepower as per SAE J1349 B - 143 H.P. (106 kW) minimum.  net horsepower.			
9.3	Fuels	shut-off - electric solenoid type.			
9.4	Fuel f	filter - spin-on type.			
9.4.	.1	Fuel system water separator - required.			
9.5	Oil filt	ter - full flow, spin-on type.			
9.6		eaner - dry two-stage with restriction indicator and Turbo II leaner.			
9.7		ust - vertical pipe complete with muffler. Vertical discharge with bend			
9.8	Coola	<u>ant</u>			
9.8.	.1	Ethylene glycol based, protected to -35°F (-37°C).			
9.8.	.2	Extended lifelong coolant.			
9.8.		Engine coolant heater - immersion type minimum 1,000 watts, with covered recessed male plug.			
9.9	princi	ne protection system - shall provide visual and audible warning of pal machine systems including engine oil pressure and coolant erature.			
9.9.		Engine shutdown protection - low oil pressure and high water temperature shutdown. OEM system preferred or equivalent.			
	a)	State make and model of shut down system being offered.			
	b)	State details of shutdown system			

# 10.0 DRIVE TRAIN

10.1	<u>ı ran</u>	smission:	
10.1	1.1	Shall be four(4) wheel drive.	
10.1	1.2	Shall have the capability of allowing the operator to select either automatic or manual shifting.	
10.1	1.3	Shall have the capability of full power shift with torque converter.	
10.1	1.4	Shift control - single lever.	
10.1	1.5	Forward gears – State number of speeds.	
10.1	1.6	Reverse gears – State number of speeds.	
10.2	Diffe	rentials:	
10.2	2.1	Front Axle- limited slip or hydraulic locking differential. State.	
10.2	2.2	Semi-floating or oscillating rear axle.	
10.2	2.3	Differential drain plugs - magnetic type.	
11.0	BRA	KES, STEERING & TIRES	
11.1	Servi	ce brakes - 4-wheel, hydraulic operated wet disk type.	
11.2	Parki	ng Brake - spring applied and hydraulically released	
11.3	Two	Control Pedals:	
11.3	3.1	Accelerator pedal	
11.3	3.2	Dual purpose pedal - transmission disconnect with braking	
11.4	Stee	ring - articulated with minimum 35° articulation left and right of center.	
11.4	4.1	Articulation center pin components must be constructed using adjustable roller bearings.	
11.4	4.2	Operational Steering and Articulating Requirements:	
	a)	Full steering and articulating capabilities required under full lift capacity at engine idle speed.	
	b)	Steering and Articulation of the machine must be smooth, controlled and continuous, fully raised and loaded at engine idle speed.	
	c)	Steering wheel movement must be smooth, controlled and continuous fully raised and loaded engine speed. There shall be no erratic, pulsating or jerking movement of the steering wheel.	
11.5	Stee	ring frame lock - required.	
11.6	Tires	and Rims	
11.6	6.1	<u>Tires</u>	
	a)	BIAS	

The City of Winnipeg **Bid Submission** Bid Opportunity No. 536-2005 Page 8 of 18 Template Version: G320040301 20.5-25, 16 ply minimum, b) c) L2 tread, front and rear. d) Tires shall have a sure grip design. GOODYEAR product no. 125902560 e) Or ......FIRESTONE product no. 408492 Super Ground grip Or .....equivalent. State make and model being bid. 11.6.2 Rims a) 3-piece design. 12.0 FRONT END LOADER Breakout force – 22,000 lbs. (9,977 kg) minimum. State. 12.1 12.2 **Tipping Loads:** 12.2.1 Static straight – 20,230 lbs. (9,175 kg) minimum. State. 12.2.2 Full turn - 17,490 lbs. (7,932 kg) minimum. State. 12.3 Hinge pin height, fully raised – 12 ft (144 in.) minimum. State. 12.4 **Loader Controls:** 12.4.1 One dual function lever that provides lift and curl of the bucket. 12.4.2 Bucket leveler - automatic with position indicator. 12.4.3 Automatic "Return to Carry" option. 12.4.4 Boom height control (kickout) - automatic, adjustable. 12.5 Ride control system (accumulator) required to attenuate machine bounce during travel. Shall be OEM system. (Aftermarket system unacceptable) 12.5.1 The ride control system shall be of the type that automatically engages or disengages, dependent on the machines ground speed. 12.6 Loader bucket 12.6.1 Bucket general purpose. Bucket capacity, SAE - 3 cubic yd. a) 12.6.2 Bucket width to exceed machine width at tires. 12.6.3 Cutting edge - bolt-on, heat treated steel, 1, 2 or 3 piece reversible

> blade acceptable, full width of bucket x 12 inch deep minimum, Bucyrus or equal, state make and model being bid. State make and

Bottom wear plates - required to prevent bucket heel from rubbing on

model of blade supplied.

ground with bolt-on cutting edge in place.

12.6.4

12.6	6.5	Side wear plates - bolt-on, replaceable, Bucyrus or equal, state make and model being bid.	
12.7	OEM	or Engineer approved Loader safety prop bar - required.	
12.8	Hydra	aulic fluid level indicator - required.	
13.0	<u>OPE</u>	RATOR COMPARTMENT	
13.1	Туре	e - roll over protective structure complete with pressurized cab.	
	OSH	A certified or equal.	
13.2	Insula	ation - required for sound suppression.	
13.3		- cushioned, adjustable high back bucket type with cloth upholstery, uspension, armrests and retractable seat belt.	
13.4	Wind	lows - tinted safety glass with appropriate markings for all panes.	
13.5	Sun v	visor - fold-down type.	
13.6	Door positi	- lockable with keyed lock. Door/window shall latch in fully opened ion.	
13.7	Exter	rior rear view mirrors - one (1) each side.	
13.7	7.1	Interior rear view mirror.	
13.8	Wind	Ishield wipers - two speed, front and rear.	
13.8	3.1	Windshield washers - front and rear.	
13.9		er/defroster/pressurizer - heavy duty, hot water type with multi- dfan and filtered air intake.	
13.9	9.1	Must have interior cab heater capable of sustaining cab temperature to 20°C at an outside ambient air temperature of – 40°C	
13.9	9.2	Defroster - capable of keeping all windows clear at – 40°C.	
13.10	Air co	onditioning - required.	
13.11	Radio	o - AM/FM.	
13.12	2 Steering wheel - tilt type.		
13.13	Rubb	per floor covering - required throughout.	
13.14	Instr	umentation:	
13.1	14.1	Shall be as follows but not limited to:	
	a)	Engine coolant temperature gauge and alarm.	
	b)	Engine oil pressure gauge and alarm.	
	c)	Transmission oil temperature gauge	
	d)	Hourmeter- required. Non resettable.	
	e)	Ammeter, voltmeter- state.	

remplate version	0020010001		
	f)	Fuel gauge- required.	
	g)	Tachometer- preferred. State.	
13.	14.2	Gauges shall be mounted in the control panel (dashboard), or in a location that is easily observed by the operator from the seat.	
13.15		se level, interior - maximum 85 dB (A), measured in accordance with	
14.0	ELE	CTRICAL & LIGHTING	
14.1	Туре	e - 24 volt, negative ground electrical system.	
14.2	Elect	etric starter - required.	
14.2	2.1	Electric starter — Thermally and over spin protected.	
14.3	Start	ter switch - key type.	
14.3	3.1	Three (3) sets of keys required.	
14.4	Batte	eries - two (2), minimum 900 CCA capacities each.	
14.4	4.1	Battery disconnect switch - required.	
	a)	Battery disconnect switch, protected from the elements.	
14.5	Alter	rnator - minimum 55 amps, state output.	
14.6	LED,	, Combination stop and tail lights - two (2), protected from damage.	
14.7	LED,	, Signal lights with warning flashers - two (2), visible front and rear.	
14.8	Head	dlights - two (2), mounted immediately below cab roof.	
14.9	<u>Worl</u>	<u>rk lights</u>	
14.9	9.1	Halogen work lights required.	
14.9	9.2	Front - two (2), adjustable, mounted near top pivot of loader lift arms.	
14.9	9.3	Rear - two (2). Must be fully adjustable.	
14.9	9.4	Independent on/off switch for each pair of work lights.(front and rear)	
	a)	Dash mounted, wired through ignition.	
14.10		set of Manitoba Highways provincially approved highway lights wag lights).	
14.	10.1	Shall be independently controlled through a separate switch.	
14.	10.2	Highway lights not to extend past cab.	
14.11	Cab	interior (dome) light.	
14.12	Horn	n.	

14.13	Warning	Beacons.
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	14.1	3.1	One (1) Preco Model 4261A (amber) (12 volt)and One (1) Preco Model 4261B (blue) (12 volt).	
	14.1	3.2	Both beacons to be independently switched.	
	14.1	3.3	Roof mounted with ramped, bolt-on metal guard,	
	14.1	3.4	Complete with dash mounted on/off switch wired through ignition.	
		a)	Both beacons to be independently switched.	
14.	14	Back dama	a-up alarm - mounted at rear of unit, located to be protected from age.	
14.	15		o installation provision - 12 volt, 20-amp circuit available at a ecircuit breaker, suitable for installation of a 2-way mobile radio.	
	14.1	5.1	Radio to be wired on an independent circuit.	
14.	16	Wirin	<u>ng</u>	
	14.1	6.1	All electrical functions (except warning flashers, and 2-way radio circuit) shall be wired through the ignition.	
	14.1	6.2	Wiring for all locally installed equipment shall be colour coded, loomed and properly secured.	
	14.1	6.3	All joining of wires and electrical connectors shall be soldered and sealed with heat shrink tubing or with sealed weather tight connectors	
	14.1	6.4	No splices shall be made into OEM or after market wiring harnesses.	
	14.1	6.5	All additional circuits are to be run from a power distribution box.	
	14.1	6.6	All fuses, relay's and circuit breakers to be made easily accessible.	
15.	0	MISC	CELLANEOUS	
15.	1		Counterweight(s) - supplied as required to provide specified tipping capacity, state weight of counterweight (lbs.) and location.	
		Note:	: Tire ballasts not acceptable.	
15.	2		ders - required front and rear with anti-skid tape on step surfaces e applicable.	
15.	3	Engir	ne side covers - hinged (if lockable, all locks must keyed alike).	
15.	4	Draw	bar hitch with pin.	
15.	5	Acce	ess ladder with non-skid step surfaces.	
15.	6	Grab	handles - supplied as required at all appropriate locations.	
15.	7	Toolb	box - lockable, state location.	
15.	8	Slow	moving vehicle emblem.	

15.9	<u>Auto</u>	mated Greasing System:	
15.9	9.1	Groeneveld Twin Automatic Greasing System. ( Note: Lincoln brand not acceptable )	
15.9	9.2	Activated by release of the parking brake or daytime running lights.	
15.9	9.3	Reservoir capacity – The reservoir capacity shall be sufficient as to allow the machine to run for 250 hours before being refilled	
16.0	MAT	ERIAL WEIGHING SYSTEM (BUCKET SCALE) AND ACCESSORIES	
16.1	Mate	rial Weighing System (Bucket Scale)	
16.1	1.1	State Make and Model of "Material Weighing System" being offered.	
	The "	Material Weighing System" shall have the minimum following features:	
16.1	1.2	LCD readout.	
	a)	Digital display.	
16.1	1.3	Auto tare function – The operator can recall a truck's tare weight from memory.	
16.1	1.4	<u>Unit conversion</u>	
	a)	The operator can view the lifted weight in either imperial or metric measurements.	
	b)	Converts weight to a volumetric measure.	
16.1	1.5	Multiple batching modes – Enables the operator to mix different products together and retrieve a new total of the end product.	
16.1	1.6	Language toggle – Allows the operator to switch between two languages at the push of a button.	
16.1	1.7	Features that will allow the printer to produce hardcopies of all the required features as outlined in Clause 16.2.	
16.2	Print	<u>er</u>	
16.2	2.1	State Make and Model of "Printer" being offered.	

The printer shall have the minimum following features:

16.2.2	A standard docket that provides the following productivity data:		
a)	Date and time.		
b)	Company name		
c)	Loader operator identification.		
d)	Loader identification.		
e)	Truck identification.		
f)	Docket identification.		
g)	Customer name		
h)	Product loaded and total truck load weight.		
i)	Individual bucket load weights.		
j)	Weight units (lb, ton, kg).		
16.2.3	Detailed reports		
a)	Shift, daily or weekly accumulated totals.		
b)	Product identification.		
16.2.4	Daily product totals such as:		
a)	Daily customer totals – summary of total product loaded for customer (customer report).		
b)	Daily truck totals – summary of total product loaded for trucks (truck report).		
16.2.5	Suitable for single or duplicate paper.		
16.3 <u>Material Management Add-on System — (Data Module)</u>			
16.3.1	State Make and Model of "Material Management Add-on System" (Data Mo	dule) being offered.	
16.3.2	Hardware Required — Office hardware (Data Module), that permits the downloading of information from the Material Weighing System into an office computer.		
16.3.3	Software Required — Software, that allows staff to produce various activity reports that can be outputted through an office computer in either "Word" or "Excel" format, for further documentation.		

### 17.0 **TRAINING**

17.1 The Contractor shall be required to provide training (at the Contractor's expense) for the City of Winnipeg maintenance and operating personnel.

The training shall be divided into two separate sessions, one for maintenance personnel and one for operating personnel. The training shall be conducted in separate or combined sessions for each group of personnel.

The duration of the sessions shall be as long as required for adequate familiarization and orientation of the equipment to the satisfaction of the Contract Administrator.

The training shall be conducted within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator. The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator.

Pricing should be based on two (2) business days for maintenance personnel and two (2) business days for operating personnel.

Note: The first payment of the contract on the equipment will not be issued

		successful completion of training has been conducted to the satisfaction e Contract Administrator.	
17.2	Train	ing Aides	
17.2	2.1	Training aids to be included.	
	a)	On the type of equipment being offered, state if VHS videotape or CD Rom training aides are available.	
17.2	2.2	State if other training aides are available and state type.	
18.0	WAF	RRANTY	
18.1		plete details of warranties shall be made available within twenty-four nours of the request of the Contract Administrator.	
18.2	The Contractor shall warrant <b>all equipment</b> 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 <b>two (2) years</b> from the date the equipment is put into service by the City of Winnipeg.		
18.2	2.1	Notwithstanding 18.2 above, the Contractor shall warrant <b>all major</b>	

components including, but not limited to, engine, transmission, final drives, all wheel drive system (and all components thereof), pumps and motors, axle assemblies, tandem drives, etc. against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City, articles that have become defective and not proven to have been caused by negligence on the part of the user within five (5) years from the date the equipment is put into service by the City of Winnipeg.

18.2	2.2	Notwithstanding 18.2 above, the Contractor shall warrant <b>all attachments</b> , and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace, <u>without cost to the City</u> , any article that has become defective and not proven to have been caused by negligence on the part of the user within <b>one (1) year</b> from the date the equipment is put into service by the City of Winnipeg.	
18.3	deer	warranty shall not include regular maintenance items or any item med as a consumable that is subject to everyday wear and tear, during regular operation of the unit.	
18.3	3.1	Examples of items not covered under warranty:	
	a) b) c)	Ground engaging tools such as bolt cutting edges or bucket teeth. Maintenance items such as filters, oils, belts etc Miscellaneous items such as wiper blades, lights.	
18.3	3.2	If the equipment provided by the Contractor contains any part manufactured by an outside source, that falls under the description in any one of the Clauses 18.3.1 above, and has a standard manufacture's warranty, the term's contained in the manufacture's warranty shall apply.	
	a)	In the event of contradiction, the requirements of specification 18.3.2 shall take precedence over those of specification 18.3.1.	
18.4	<u>The</u>	following shall be covered under manufacture's warranty:	
	a)	Batteries.	
	b)	Tires.	
18.5	Con	ncidental warranty related costs (including, but not limited to, tractor's travel, mileage, deductibles, towing costs etc.) in executing part of the warranty shall be the sole responsibility of the Contractor.	
19.0	MAI	NUALS/CDs (preferred)	
		following information shall be supplied at the time of delivery of the equipmen price:	t and shall be included in
19.1	IT	EM 2 — OPERATOR'S MANUALS	
19.	1.1	The Contractor shall provide an OPERATOR'S bound hardcopy manufacturer's OEM factory manual – four (4) in total.	
19.2	Γ	TEM 3 — PARTS/TECHNICAL/SERVICE/REPAIR MANUALS	
19.2	2.1	The Contractor shall provide <u>one</u> of the following, outlined in either Clause 19.2.1 a) or 19.2.1 b)	
	a)	Parts/technical/service/repair manuals/CDs preferred, including preventative maintenance schedules- two (2) in total.	
		i) The parts/technical/service/repair information in	

Clause 19.2.1 a) above shall be supplied in a bound hardcopy

20.0

20.1

Con	nufacturer's OEM factory manual or CD format by the tractor, regardless if the same information is contained on a rnet website.	
ii) S	State whether the format is in hardcopy manual or CD format.	
<u>OR</u>		
•	echnical/service/repair information is available on the Internet anufacturers website.	
i) V	Vebsite address.	
parts	nformation on how to access the website containing s/technical/service/repair information. (login names /passwords, etc.)	
	State the details of the information provided under any website subscriptions.	
d	Any website subscriptions that are necessary in providing lelivery of the information contained in Clause 19.2.1 b) shall be included in the cost under Item 3, FORM B: PRICES.	
,	The information contained in the website must be deemed acceptable by the City's equipment inspector	
	n the event that the City inspector finds the that the information contained on the website	
_	Does not provide enough detail,	
_	- Is too difficult to navigate	
	At the inspectors discretion, the Contractor shall instead, supply the required manuals/CD's outlined in Clause 19.2.1 a).	
LITERATURE	<u>E</u>	
	submit within twenty-four (24) hours upon request of the inistrator, current descriptive, detailed literature on the ing bid.	

# **FORM O: QUESTIONNAIRE**

	<b>E</b> the delivery time of order that is within <b>twelve(12) calendar weeks</b> from the date of official notification and of Contract. (See D6.1)
	any significant features that will be supplied standard on the unit being offered, but were not specifically oned in the Detailed Specifications:
LIST	three current users of the offered model:
Does	the equipment being offered meet or exceed the minimum requirements of the Detailed Specifications?
LIST	any deviations that might be considered less than equal to the Detailed Specifications:
IDLIN	IG CONTROL or REDUCUTION DEVICE
6.1	State if an idling control or an idling reduction device is available for the equipment (front end wheel loaders), sought in this bid opportunity.
	If the answer is "NO", omit answering questions 6.2 to 6.6 inclusive.
6.2	State if the product is OEM or an after market product.

6.3	State the approximate cost of the product.
	a ) Unit cost (one unit)
	b ) Installation cost. (one unit).
6.4	State the Make and Model of the product.
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	a) Make
	b) Model
6.5	Auxiliary Power Units (APUs) are small, horsepower diesel engines that eliminate the need to idle the main engine.
	It has its own internal combustion engine, compressor, and alternator connected to the truck's operating system to supply direct current power, heating and cooling, electricity to charge truck batteries, and engine warming for cold weather starting.
	Is the idling control device an auxiliary power unit. (APU)?
	If not state the type of unit.
6.6	State all of the operating characteristis of the idling control or idling reduction device.