# PART A

# **BID SUBMISSION**

		FORM A: BID (See B7)				
1.	Project Title	SUPPLY & DELIVERY OF 3 CUBIC YD FRONT END WHEEL LOADERS				
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				
		carrying on business under the above name.				
3.	Contact Person	The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.				
		Contact Person Title				
		Telephone Number Facsimile Number				
4.	Definitions	All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.1 unless the context otherwise requires.				
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 is in receipt of a Purchase Order 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 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 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

#### FORM B(R2): 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.

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	QUAN	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	\$	\$	
TOTAL BID PRICE (GST and PST extra) (In figures) \$ (In words)							

Name of Bidder

# FORM N(R2): 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.
- 2.2 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 <u>wheel loader</u> 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</u> <u>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

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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 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. --- 4.3.1) OR 4.3.2)

- 4.3.1 Bidder's own facility location. State the location of the service facility below.
- 4.3.2 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

## 5.0 ELIGIBLE MODELS

5.1 Shall be the following eligible manufacturer's model(s):

John Deere – 544 J Caterpillar – 928 GZ Volvo – L70 E Case – 721 D JCB 426 ZX

- 5.2 The City will only accept equipment from the eligible manufactures outlined in Clause **5.1**. In the event that the manufacturers cannot provide the exact models listed, the City will consider newer or upgraded models which have performance characteristics that equal or exceed the eligible models listed and meet the required specifications in this document.
- 5.3 In addition to qualification as an eligible model, bids must be responsive under the specification section of this contract.

## 6.0 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.
- 6.2 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 BIDDER'S MAKE AND MODEL



- 7.1 State make and model being bid:
- 7.2 Manufacturer's standard colour. State.
  - 7.2.1 OEM paint.

#### 8.0 WEIGHT & DIMENSIONS

- 8.1 Operating weight 27,000 lbs. (12,245kg) minimum.State operating weight.
- 8.2 Overall width over tires, less bucket State
- 8.3 Overall height (to top of cab, not including warning beacon) State.
- 8.4 Ground clearance State.
- 8.5 Overall length, bucket on ground State.

## 9.0 ENGINE

- 9.1 Type –diesel, liquid cooled and turbo charged.
- 9.2 <u>Net horsepower as per SAE J1349 B 143 H.P. (106 kW) minimum.</u> State net horsepower.
- 9.3 Fuel shut-off electric solenoid type.
- 9.4 Fuel filter spin-on type.
  - 9.4.1 Fuel system water separator required.
- 9.5 Oil filter full flow, spin-on type.
- 9.6 Air cleaner dry two-stage with restriction indicator and Turbo **II** pre-cleaner.
- 9.7 Exhaust vertical pipe complete with muffler. Vertical discharge with bend and 40° cut-off.
- 9.8 <u>Coolant</u>
  - 9.8.1 Ethylene glycol based, protected to –35°F (–37°C).
  - 9.8.2 Extended lifelong coolant.
  - 9.8.3 Engine coolant heater immersion type minimum 1,000 watts, with covered recessed male plug.
- 9.9 Engine protection system shall provide visual and audible warning of principal machine systems including engine oil pressure and coolant temperature.
  - 9.9.1 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 Transmission:

- 10.1.1 Shall be four(4) wheel drive.
- 10.1.2 Shall have the capability of allowing the operator to select either automatic or manual shifting.
- 10.1.3 Shall have the capability of full power shift with torque converter.
- 10.1.4 Shift control single lever.
- 10.1.5 Forward gears State number of speeds.
- 10.1.6 Reverse gears State number of speeds.

#### 10.2 **Differentials:**

- 10.2.1 Front Axle- limited slip or hydraulic locking differential. State.
- 10.2.2 Semi-floating or oscillating rear axle.
- 10.2.3 Differential drain plugs magnetic type.

#### 11.0 BRAKES, STEERING & TIRES

- 11.1 Service brakes 4-wheel, hydraulic operated wet disk type.
- 11.2 Parking Brake spring applied <u>and</u> hydraulically released
- 11.3 Two Control Pedals:
  - 11.3.1 Accelerator pedal
  - 11.3.2 Dual purpose pedal transmission disconnect with braking
- 11.4 Steering articulated with minimum 35<sup>o</sup> articulation left and right of center.
  - 11.4.1 Articulation center pin components must be constructed using adjustable roller bearings.
  - 11.4.2 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 Steering frame lock required.

#### 11.6 Tires and Rims

- 11.6.1 <u>Tires</u>
  - a) BIAS

- b) 20.5-25, 16 ply minimum,
- c) L2 tread, front and rear.
- d) Tires shall have a sure grip design.
- e) GOODYEAR product no. 125902560
   Or ......FIRESTONE product no. 408492 Super Ground grip Or .....equivalent.

State make and model being bid.

- 11.6.2 <u>Rims</u>
  - a) 3-piece design.

#### 12.0 FRONT END LOADER

12.1 Breakout force – 22,000 lbs. (9,977 kg) minimum. State.

## 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.
  - a) Bucket capacity, SAE 3 cubic yd.
- 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 model of blade supplied.
- 12.6.4 Bottom wear plates required to prevent bucket heel from rubbing on ground with bolt-on cutting edge in place.

- 12.6.5 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 Hydraulic fluid level indicator required.

#### 13.0 OPERATOR COMPARTMENT

- Type roll over protective structure complete with pressurized cab.
   OSHA certified or equal.
- 13.2 Insulation required for sound suppression.
- 13.3 Seat cushioned, adjustable high back bucket type with cloth upholstery, air suspension, armrests and retractable seat belt.
- 13.4 Windows tinted safety glass with appropriate markings for all panes.
- 13.5 Sun visor fold-down type.
- 13.6 Door lockable with keyed lock. Door/window shall latch in fully opened position.
- 13.7 Exterior rear view mirrors one (1) each side.
  - 13.7.1 Interior rear view mirror.
- 13.8 Windshield wipers two speed, front and rear.
  - 13.8.1 Windshield washers front and rear.
- 13.9 Heater/defroster/pressurizer heavy duty, hot water type with multispeedfan and filtered air intake.
  - 13.9.1 Must have interior cab heater capable of sustaining cab temperature to 20°C at an outside ambient air temperature of 40°C
  - 13.9.2 Defroster capable of keeping all windows clear at  $-40^{\circ}$ C.
- 13.10 Air conditioning required.
- 13.11 Radio AM/FM.
- 13.12 Steering wheel tilt type.
- 13.13 Rubber floor covering required throughout.

#### 13.14 Instrumentation:

- 13.14.1 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.

- 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 Noise level, interior maximum 85 dB (A), measured in accordance with SAE J336, state noise level.

#### 14.0 ELECTRICAL & LIGHTING

- 14.1 Type 24 volt, negative ground electrical system.
- 14.2 Electric starter required.
  - 14.2.1 Electric starter Thermally and over spin protected.
- 14.3 Starter switch key type.
  - 14.3.1 Three (3) sets of keys required.
- 14.4 Batteries two (2), minimum 900 CCA capacities each.
  - 14.4.1 Battery disconnect switch required.
    - a) Battery disconnect switch, protected from the elements.
- 14.5 Alternator 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 Headlights two (2), mounted immediately below cab roof.

#### 14.9 Work lights

- 14.9.1 Halogen work lights required.
- 14.9.2 Front two (2), adjustable, mounted near top pivot of loader lift arms.
- 14.9.3 Rear two (2). Must be fully adjustable.
- 14.9.4 Independent on/off switch for each pair of work lights.(front and rear)
  - a) Dash mounted, wired through ignition.
- 14.10 Full set of Manitoba Highways provincially approved highway lights (wigwag 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.

#### 14.13 Warning Beacons.

- 14.13.1 One (1) Preco Model 4261A (amber) (12 volt).....and One (1) Preco Model 4261B (blue) (12 volt).
- 14.13.2 Both beacons to be independently switched.
- 14.13.3 Roof mounted with ramped, bolt-on metal guard,
- 14.13.4 Complete with dash mounted on/off switch wired through ignition.
  - a) Both beacons to be independently switched.
- 14.14 Back-up alarm mounted at rear of unit, located to be protected from damage.
- 14.15 Radio installation provision 12 volt, 20-amp circuit available at a sparecircuit breaker, suitable for installation of a 2-way mobile radio.
  - 14.15.1 Radio to be wired on an independent circuit.

#### 14.16 Wiring

- 14.16.1 All electrical functions (except warning flashers, and 2-way radio circuit) shall be wired through the ignition.
- 14.16.2 Wiring for all locally installed equipment shall be colour coded, loomed and properly secured.
- 14.16.3 All joining of wires and electrical connectors shall be soldered and sealed with heat shrink tubing or with sealed weather tight connectors
- 14.16.4 No splices shall be made into OEM or after market wiring harnesses.
- 14.16.5 All additional circuits are to be run from a power distribution box.
- 14.16.6 All fuses, relay's and circuit breakers to be made easily accessible.

#### 15.0 MISCELLANEOUS

- 15.1 OEM Counterweight(s) supplied as required to provide specified tipping load capacity, state weight of counterweight (lbs.) and location.Note: Tire ballasts not acceptable.
- 15.2 Fenders required front and rear with anti-skid tape on step surfaces where applicable.
- 15.3 Engine side covers hinged (if lockable, all locks must keyed alike).
- 15.4 Drawbar hitch with pin.
- 15.5 Access ladder with non-skid step surfaces.
- 15.6 Grab handles supplied as required at all appropriate locations.
- 15.7 Toolbox lockable, state location.
- 15.8 Slow moving vehicle emblem.

#### 15.9 <u>Automated Greasing System:</u>

- 15.9.1 Groeneveld Twin Automatic Greasing System. (Note: Lincoln brand not acceptable)
- 15.9.2 Activated by release of the parking brake <u>or</u> daytime running lights.
- 15.9.3 Reservoir capacity The reservoir capacity shall be sufficient as to allow the machine to run for 250 hours before being refilled

#### 16.0 MATERIAL WEIGHING SYSTEM (BUCKET SCALE) AND ACCESSORIES

#### 16.1 Material Weighing System (Bucket Scale)

16.1.1 State Make and Model of <u>"Material Weighing System "</u> being offered.

The "Material Weighing System" shall have the minimum following features:

- 16.1.2 LCD readout.
  - a) Digital display.
- 16.1.3 Auto tare function The operator can recall a truck's tare weight from memory.
- 16.1.4 Unit conversion
  - a) The operator can view the lifted weight in either imperial or metric measurements.
  - b) Converts weight to a volumetric measure.
- 16.1.5 Multiple batching modes Enables the operator to mix different products together and retrieve a new total of the end product.
- 16.1.6 Language toggle Allows the operator to switch between two languages at the push of a button.
- 16.1.7 Features that will allow the printer to produce hardcopies of all the required features as outlined in Clause 16.2.

#### 16.2 **Printer**

16.2.1 State Make and Model of <u>"Printer "</u> 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 Material Management Add-on System - (Data Module)

- 16.3.1 State Make and Model of <u>"Material Management Add-on System" (Data Module)</u> being offered.
- 16.3.2 <u>Hardware Required</u> Office hardware (Data Module), that permits the downloading of information from the Material Weighing System into an office computer.
- 16.3.3 <u>Software Required</u> 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.

<u>Note:</u> The first payment of the contract on the equipment will not be issued until successful completion of training has been conducted to the satisfaction of the Contract Administrator.

#### 17.2 Training Aides

- 17.2.1 Training aids to be included.
  - a) On the type of equipment being offered, state if VHS videotape <u>or</u> CD Rom training aides are available.
- 17.2.2 State if other training aides are available <u>and</u> state type.

## 18.0 <u>WARRANTY</u>

- 18.1 Complete details of warranties shall be made available within twenty-four (24) hours of the request of the Contract Administrator.
- 18.2 The Contractor shall warrant **all equipment** 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 **two (2) years** from the date the equipment is put into service by the City of Winnipeg.
  - 18.2.1 Notwithstanding 18.2 above, the Contractor shall warrant **all major 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 <u>without cost to the City</u>, 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 Notwithstanding 18.2 above, the Contractor shall warrant all attachments, 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 one (1) year from the date the equipment is put into service by the City of Winnipeg.
- 18.3 <u>The warranty shall not include</u> regular maintenance items or any item deemed as a consumable that is subject to everyday wear and tear, during the regular operation of the unit.
  - 18.3.1 Examples of items not covered under warranty:
    - a) Ground engaging tools such as bolt cutting edges or bucket teeth.
    - b) Maintenance items such as filters, oils, belts etc
    - c) Miscellaneous items such as wiper blades, lights.
  - 18.3.2 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 following shall be covered under manufacture's warranty:</u>
  - a) Batteries.
  - b) Tires.
- 18.5 <u>All incidental warranty</u> related costs (including, but not limited to, Contractor's travel, mileage, deductibles, towing costs etc.) in executing any part of the warranty shall be the sole responsibility of the Contractor.

## 19.0 MANUALS/CDs (preferred)

The following information shall be supplied at the time of delivery of the equipment and shall be included in bid price:

## 19.1 **ITEM 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 ITEM 3 — PARTS/TECHNICAL/SERVICE/REPAIR MANUALS

- 19.2.1 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

Bid Submission Page 16 of 18

manufacturer's OEM factory manual or CD format by the Contractor, regardless if the same information is contained on a internet website.

ii) State whether the format is in hardcopy manual or CD format.

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b) Parts/technical/service/repair information is available on the Internet in a manufacturers website.

i) Website address.

- ii ) Information on how to access the website containing parts/technical/service/repair information.
   (i.e. login names /passwords, etc. )
  - iii) State the details of the information provided under any website subscriptions.
  - iv) Any website subscriptions that are necessary in providing delivery of the information contained in Clause 19.2.1 b) shall be <u>included</u> in the cost under Item 3, FORM B: PRICES.
  - v) The information contained in the website must be deemed acceptable by the City's equipment inspector

In 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).

## 20.0 LITERATURE

20.1 Bidders shall submit within twenty-four (24) hours upon request of the Contract Administrator, current descriptive, detailed literature on the equipment being bid.

## FORM O: QUESTIONNAIRE

- **1.0** STATE the delivery time of order that is within twelve(12) calendar weeks from the date of official notification of award of Contract. (See D6.1)
- 2.0 LIST any significant features that will be supplied standard on the unit being offered, but were not specifically mentioned in the Detailed Specifications:

**3.0 LIST** three current users of the offered model:

**4.0** Does the equipment being offered meet or exceed the minimum requirements of the Detailed Specifications?

5.0 LIST any deviations that might be considered less than equal to the Detailed Specifications:

## 6.0 IDLING 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.

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6.3	State the <b>approximate</b> cost of the product.				
	a) Unit cost (one unit)				
	b) Installation cost. (one unit).				
6.4	State the Make and Model of the product.				
	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.				