FORM A: BID (See B7)

1.	Contract Title	SUPPLY & DELIVERY O	F COMPACT CARGO VANS	
2.	Bidder			
		Name of Bidder		
		Usual Business Name of above)	Bidder as it appears on Invoic	e (if different from
		Street		
	(Mailing address if	City	Province	Postal Code
	different)	Facsimile Number		
		Street or P.O. Box		
		City	Province	Postal Code
	(Oh a see a see)	GST Registration Numbe	r (if applicable)	
	(Choose one)	The Bidder is:		
		a sole proprietor		
		a partnership		
		a corporation		
		carrying on business und	er the above name.	
3.	Contact Person	The Bidder hereby authors the Bidder for purposes of the Bidder for purpose	prizes the following contact pe f the Bid.	erson to represent
		Contact Person	Title	
		Telephone Number	Facsimile Number	
		Email Address		
4.	Definitions		ed in the Contract shall ha eneral Conditions and D3.	ve the meanings

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 The Bidder agrees that no Work shall commence until he is in receipt of of the Work a notice of award from the Award Authority authorizing the commencement of the Work. 7. The Bidder agrees that the Bid Opportunity in its entirety shall be Contract 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. The Bidder certifies that the following addenda have been received and 8. Addenda agrees that they shall be deemed to form a part of the Contract: Dated No. 9. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty days (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 & DELIVERY OF COMPACT CARGO VANS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT	
1.	Compact Cargo Vans (Animal Services- Replacement Unit # 's 146- 1484, 146-1485, 146- 1486,146-1487)	11047	(Each)	(4)	\$	\$	
2.	Compact Cargo Van (Community Services- Replacement Unit # 143- 1378)	11048	(Each)	(1)	\$	\$	
TOTAL BID PRICE (GST and MRST extra) (in figures) \$ (in words)							

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 11047

1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE-

- 1.1 These specifications describe the Supply and Delivery of Compact Cargo Vans and other Equipment and features as specified herein.
- 1.2 The Compact Cargo Vans shall be a new 2011 or 2012 model year or newer.
- 1.3 Shall be capable of consistent top performance for Animal Holding and control, By-law enforcement activities during the environments, which is normal to the City of Winnipeg.
- 1.4 The Compact Cargo Vans and all other items/components shall be the manufacturer's latest models. The Compact Cargo Vans shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the Compact Cargo Vans in successful operation shall be furnished as though specifically mentioned in these specifications. The complete Compact Cargo Vans 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>Compact Cargo Vans</u> and all its components and attachments shall comply with the applicable regulations:

Highway Traffic Act = <u>http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php</u>

Manitoba Motor Vehicle Act = <u>http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm</u>

Canadian Motor Vehicle Safety Standards, CMVSS = <u>http://www.gnb.ca/0062/regs/83-163.htm</u>

Transport Canada = <u>http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html</u>

National Safety Mark, NSM = <u>http://www.tc.gc.ca/actsregulations/</u> GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html

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

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

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

Society of Automotive Engineers, SAE = http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

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. 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.

4.0 ELIGIBLE <u>MAKE & MODEL</u>- FORD TRANSIT CARGO or equivalent in accordance to B5. Substitutes stated herein.

4.1 State make and model of the Compact Cargo Van being bid-_

5.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-

- 5.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.
- 5.2 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.

5.3 EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID

6.0 SPECIFICATIONS-

6.1	Wheelbase	114.6-	
6.2	Engine	4-cylinder, fuel injection, gasoline, state Displacement-	
6.3	Fuel consumption	State city rating, L/100km-	
6.4	Block heater	Required with cord through grille	
6.5	Coolant	Extended Life Coolant, -35°C	
6.6	Battery CCA	500 CCA-	
6.7	Transmission	Automatic	
6.8	Steering	Power	
6.9	Brakes	Power with ABS	
6.10	Wheels	Standard manufacturer's wheels, without locking nuts	
6.11	Tires - front & rear	WRG2 Nokian Tires , state size-	
6.12	Spare wheel & tire	Required with carrier	

6.13	Floor covering	Rubber with front throw-in rubber floor mats
6.14	Operator Mirrors	Required with temperature control-
6.15	Windshield	Tinted
6.16	Windshield wipers	Intermittent
6.17	Wiper blades	Winter blades with heavy duty rubber boot
6.18	Ignition keys	Three (3) sets required, with (3) key fobs
6.19	Air conditioning	Required
6.20	Tilt steering	Required
6.21	Cruise control	Required
6.22	Door locks	Power
6.23	Remote keyless entry	Three (3) required
6.24	Windows	Power
6.25	Seats - Front	Two (2) bucket seats, cloth
6.26	Rear windows w/defroster	Required (no side door windows)
6.27	Radio	AM/FM with CD player
6.28	Air bags	Required, front driver's and passenger
6.29	Volt power point	(2) Required
6.30	Bluetooth® technology	Required for use with cellular phones, "hands- free" capable, voice command activated through vehicle's radio circuit
6.31	Fuel tank	Fully fuelled upon delivery
6.32	Colour - Interior	Grey or Blue
	- Exterior	White
6.33	Fire Extinguisher	(5) lbs. ABC Type, state location-
6.34	First Aid Kit-	Required, state location-
6.35	Trailer Hitch-	Trailer Hitch Receiver and wiring required
6.36	Engine Prep-	CNG/LPG Engine Prep package, state optional Price-
6.37	Rear Doors-	Rear cargo 255-degree hinged opening
6.38	Battery-	Heavy duty 12V 60-amps/hour battery
6.39	Windshield Defroster-	Electric Heated Windshield defroster
6.40	Stability Control-	AdvanceTrac with roll stability required.
6.41	Harness-	Spare accessory harnesses
6.42	Splash Guards-	Factory Moulded
6.43	Window Grill-	Rear Window Grille

6.44	Cargo Organizers-	State optional price and locations-	
6.45	Back up sensors-	Factory OEM back up sensors.	
6.46	FUNCTION(S): THE B	<u>NG" ADAPTATIONS-</u> REQUIRED TO MEET JOB BIDDER MUST SUBMIT WITH BIDSUBMISSION OR UPFITTING DRAWINGS FOR FINAL O WORK BEING PREFORMED	
6.47	for operators reach an leg room. Lap to mode 12.25 W, 11.25L, 2.6 H	kpit laptop mount shall be installed ergonomically lo d convenience and as to not impede on the operato el is a Panasonic CF-30 Toughbook (Dimensions) I. The bidder shall supply with their drawings cation of the laptop mount.	
6.48	Two way Radio- Van installation of a two wa	shall be come with <u>wiring provisions</u> for a future ly radio.	
6.49	of the van, make Whel	r of the van shall have on all four corners en, model TIR 3 (Small Cube Amber) nts in order to provide 360 visibility lighting.	
6.50		Van shall have a High Intensity Whelen Scene r and passenger sides of the Van.	
6.51	Exterior Light Stick- Whelen TAD 8 or TAD	Exterior light stick located at the rear roof, 8AA	
6.52	Front & Rear Mud Fla Moulded OEM only	ps - Required Front and Rear- Mud flaps must be	
6.53	to maintain heat and a area. Plumbing shall t	ditioning - The complete cargo area must be plume ir conditioning to <u>all animals</u> located in the rear car be designed and located in a ways as to not to essure washing of the interior.	
6.54		The complete interior must be spray foamed to conditioning in the rear cargo area for all animals.	
6.55	approx 24" X 36" for m sealed around in order	artition with window is required Window shall be aximum viewing. Partition must be completely for daily operational pressure washing. Partition o not impede the driver and passenger seat	
6.56	Kemlite walls, ceiling.	ng- The complete interior shall be fully lined with The complete cargo interior must be completely y operational pressure washing/cleaning.	
6.57	raised & sloped sub f	a must have an aluminum extruded anti-slip loor in order to place the following operator tools. designed in order to safely secure the following tool times.	S
	Control pole- 65 inches	5	

Bid Submission Page 8 of 31

Stretcher- 46 L, 19 W, 1.5 H Laptop- Panasonic CF-30 Toughbook, 12.25 W, 11.25L, 2.6 H

- 6.58 Animal Cages- There shall be two large animal cages located at the rear of the van capable of holding large dogs. The cages shall be approximately 36" H X 48" L, maximizing cargo space. The cages shall be constructed with solid aluminum walls on roof, forward wall, and middle partition. The outer sides of the cages will be the Kemlite walls of the vehicle. There shall be two aluminum rear entry doors. The cages shall be designed in order to utilize the top of the cages for storage (Cat Crate- 24 L, 15W, 13H and a Skunk trap- 25.5 L, 10.5 W, 10H), with a 3-4 inch lip on all sides and secure straps. The cages shall not impede with the both factory side cargo entrance doors. Cages must each have an individual drain with bottom of cages sloped to the drains. Each cage door shall have an opening by the latch where a control pole can easily fit through.
- 6.59 <u>Interior Lighting</u>- Interior Lighting shall be LED, two flush mounted on the ceiling, and two mounted rearward on driver and passenger side for maximum lighting.

7.0 TRAINING-

7.1 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 ½ business days for maintenance personnel and ½ business days for operating personnel.

Note: 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.

7.2 Training Aides:

a) On the type of equipment being offered, state if CD Rom training aides or on-line training are available-

7.3 Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to:

Public Works Safety and Operator Training Division Operator Training Branch 2nd Floor, Building "B", 1500 Plessis Road R2C 5G6

E-mail: pwd-opertrain@winnipeg.ca

Attn: Equipment Training Coordinator - Pending Equipment Delivery

8.0 <u>WARRANTY-</u>

8.1 The warranty for the <u>Transit Vans</u> shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of not less than <u>three (3) years 60, 000 km's on the entire unit "bumper to bumper"</u>. Any article that has become defective during said warranty period and has not proven to have been caused by negligence on the part of the user shall be repaired or replaced at no cost to the City. The warranty shall be effective from the date the equipment is put into service by the City of Winnipeg. State warranty details on van up-fitting components-

9.0 <u>DELIVERY</u>-

- 9.1 <u>Delivery Point-</u> The complete <u>Transit Vans</u> shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB.
- 9.2 <u>Delivery Time</u>- Within twenty (20) calendar weeks from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days.
- 9.3 <u>**Delivery Contact**</u>- The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 9.4 **P.D.I-** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

10.0 EXTENDED WARRANTY OPTION-

10.1 State available extended warranty options and pricing for the unit being bid-

\$

11.0 PERFORMANCE RELIABILITY-

- 11.1 The responsibility for the design of the <u>complete vans</u> (including the van up-fitting, its performance and reliability shall rest upon the Contractor and the Contractor's Subcontractor.
- 11.2 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.
- 11.3 Where the <u>complete vans</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.

12.0 LITERATURE-

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

13.0 DELIVERY-

- 13.1 <u>Delivery Point</u>- The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to 185 Tecumseh Avenue Winnipeg Manitoba.
- 13.2 <u>Delivery Time</u>- Within <u>twenty (20) calendar weeks</u> from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days.
- 13.3 **Delivery Contact** The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 13.4 **P.D.I-** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

14.0 <u>MANUALS</u>-

- 14.1 Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available.
- 14.2 The following manuals shall be supplied with the units when delivered:

- i) Operator's manual Two (2) per unit (one operators manual shall be sent to the Equipment Operator Training Branch
- ii) Parts and service manuals one (1) complete sets including preventative maintenance schedules. CDs are preferred.

FORM N: DETAILED SPECIFICATIONS 11048

1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE-

- 1.1 These specifications describe the Supply and Delivery of Compact Cargo Van and other Equipment and features as specified herein.
- 1.2 The Compact Cargo Van shall be a new 2011 or 2012 model year or newer.
- 1.3 Shall be capable of consistent top performance for delivery various equipment applicable to the Community Service Department (towing light trailers, furniture, sports equipment, light art craft and sports supplies, printed publications) activities during the environments, which is normal to the City of Winnipeg.
- 1.4 The Compact Cargo Van and all other items/components shall be the manufacturer's latest models. The Compact Cargo Van shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the Compact Cargo Van in successful operation shall be furnished as though specifically mentioned in these specifications. The complete Compact Cargo Vans 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>Compact Cargo Van</u> and all its components and attachments shall comply with the applicable regulations:

Highway Traffic Act = <u>http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php</u>

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Transport Canada = <u>http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html</u>

National Safety Mark, NSM = <u>http://www.tc.gc.ca/actsregulations/</u> GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html

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

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

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

Society of Automotive Engineers, SAE = <u>http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers</u> 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. 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.

4.0 ELIGIBLE <u>MAKE & MODEL</u>- FORD TRANSIT CARGO or equivalent in accordance to B5. Substitutes stated herein.

4.1 State make and model of the Compact Cargo Van being bid-_____

5.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-

- 5.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.
- 5.2 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.

5.3 EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID

6.0 SPECIFICATIONS-

6.1	Wheelbase	114.6-	
6.2	Engine	4-cylinder, fuel injection, gasoline, state Displacement-	
6.3	Fuel consumption	State city rating, L/100km-	
6.4	Block heater	Required with cord through grille	<u> </u>
6.5	Coolant	Extended Life Coolant, -35°C	
6.6	Battery CCA	500 CCA-	
6.7	Transmission	Automatic	
6.8	Steering	Power	
6.9	Brakes	Power with ABS	
6.10	Wheels	Standard manufacturer's wheels, without locking nuts	
6.11	Tires - front & rear	WRG2 Nokian Tires , state size-	
6.12	Spare wheel & tire	Required with carrier	
6.13	Floor covering	Rubber with front throw-in rubber floor mats	
6.14	Operator Mirrors	Required with temperature control-	

6.15	Windshield	Tinted	
6.16	Windshield wipers	Intermittent	
6.17	Wiper blades	Winter blades with heavy duty rubber boot	
6.18	Ignition keys	Three (3) sets required, with (3) key fobs	
6.19	Air conditioning	Required	
6.20	Tilt steering	Required	
6.21	Cruise control	Required	
6.22	Door locks	Power	
6.23	Remote keyless entry	Three (3) required	
6.24	Windows	Power	
6.25	Seats - Front	Two (2) bucket seats, cloth	
6.26	Side & Rear windows w/defroster	Windows required side and rear	
6.27	Radio	AM/FM with CD player	
6.28	Air bags	Required, front driver's and passenger	
6.29	Volt power point	(2) Required	
6.30	Bluetooth® technology	Required for use with cellular phones, "hands- free" capable, voice command activated through vehicle's radio circuit	
6.31	Fuel tank	Fully fuelled upon delivery	
6.32	Colour - Interior	Grey or Blue	
	- Exterior	White	
6.33	Fire Extinguisher	(5) lbs. ABC Type, state location-	
6.34	First Aid Kit-	Required, state location-	
6.35	Trailer Hitch-	Trailer Hitch Receiver required	
6.36	Engine Prep-	CNG/LPG Engine Prep package	
6.37	Rear Doors-	Rear cargo 255-degree hinged opening	
6.38	Battery-	Heavy duty 12V 60-amps/hour battery	
6.39	Windshield Defroster-	Electric Heated Windshield defroster	
6.40	Stability Control-	AdvanceTrac with roll stability required.	
6.41	Harness-	Spare accessory harnesses	
6.42	Splash Guards-	Factory Moulded	
6.43	Window Grill-	Side & Rear Window Grille	
6.44	Cargo Organizers-	State optional price and locations-	
6.45	Back up sensors-	Factory OEM back up sensors.	

6.46	REQUIRED "UPFITTING" ADAPTATIONS- REQUIRED TO MEET JOB FUNCTION(S): THE BIDDER MUST SUBMIT WITH BIDSUBISSION INTERIOR & EXTERIOR UPFITTING DRAWING FOR FINAL APPROVAL PRIOR TO WORK BEING PREFORMED
6.47	Exterior Light Stick - Exterior light stick located at the rear roof, Whelen TAD 8 or TAD8AA
6.48	Partition- Ranger aluminum window partition (VFTP12 or equivalent)
6.49	<u>Tie Downs</u> - 4 cargo tie-downs (33-60202) on interior sides of cargo area and 6 cargo tie-downs(30-60202) on interior bed of cargo area (2 tie downs on the partition at 3' from floor and 1' from sides. 2 on rear factory vertical posts 3' from floor. 6 shall be evenly spaced along the side walls)
6.50	Insulation-Spray foam insulation required in complete cargo
6.51	Walls & Ceiling- Shall be lined with Kemlite or equivalent
6.52	Flooring- Shall be extruded anti-slip aluminum floor
6.53	Lighting- The exterior of the van shall have on all four corners of the van, make Whelen, model TIR 3 (Small Cube Amber) Vertex Super LED Lights in order to provide 360 visibility lighting.
6.54	Interior Lighting- Interior Lighting shall be LED, two flush mounted on the ceiling, and two mounted rearward on driver and passenger side for maximum lighting.
7.0	TRAINING-
7.1	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 ½ business days for maintenance personnel and ½ business days for operating personnel.

Note: 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.

7.2 Training Aides:

a) On the type of equipment being offered, state if CD Rom training aides or on-line training are available-

7.3 Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to:

> Public Works Safety and Operator Training Division Operator Training Branch 2nd Floor, Building "B", 1500 Plessis Road R2C 5G6

E-mail: pwd-opertrain@winnipeg.ca

Attn: Equipment Training Coordinator - Pending Equipment Delivery

8.0 WARRANTY-

8.1 The warranty for the <u>Transit Vans</u> shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of not less than <u>three (3) years 60, 000 km's on the entire unit "bumper to bumper"</u>, Any article that has become defective during said warranty period and has not proven to have been caused by negligence on the part of the user shall be repaired or replaced at no cost to the City. The warranty shall be effective from the date the equipment is put into service by the City of Winnipeg. State warranty details on van up-fitting components-

9.0 DELIVERY-

- 9.1 <u>Delivery Point-</u> The complete <u>Transit Van</u> shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB.
- 9.2 <u>Delivery Time</u>- Within twenty (20) calendar weeks from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days.
- 9.3 <u>Delivery Contact</u>- The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 9.4 **P.D.I-** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

\$

10.0 EXTENDED WARRANTY OPTION-

10.1 State available extended warranty options and pricing for the unit being bid-

11.0 PERFORMANCE RELIABILITY-

- 11.1 The responsibility for the design of the <u>complete van</u> (including the van up-fitting, its performance and reliability shall rest upon the Contractor and the Contractor's Subcontractor.
- 11.2 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.
- 11.3 Where the <u>complete van</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.

12.0 LITERATURE-

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

13.0 DELIVERY-

- 13.1 <u>Delivery Point</u>- The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to 185 Tecumseh Avenue Winnipeg Manitoba.
- 13.2 **Delivery Time** Within twenty (20) calendar weeks from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days.
- 13.3 Delivery Contact- The Contractor shall contact the Contract Administrator

prior to delivery of the equipment.

13.4 **P.D.I-** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

14.0 <u>MANUALS</u>-

- 14.1 Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available.
- 14.2 The following manuals shall be supplied with the units when delivered:
 - i) Operator's manual Two (2) per unit (one operators manual shall be sent to the Equipment Operator Training Branch
 - ii) Parts and service manuals one (1) complete sets including preventative maintenance schedules. CDs are preferred.

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:	Туре:
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:	Fleetgua rd:
Engine Oil						
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						

Model: Year:	Make			
Year:	Model:			
	Year:			

Kms/Hours	

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 TRANSMISSION MAKE	(Enter make & model)	DETAILS FROM VENDOR
	(Enter make & model)	DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL	(Enter make & model) (Hydrostatic, standard, automatic)	DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER		DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID	(Hydrostatic, standard, automatic)	DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY	 (Hydrostatic, standard, automatic) (in litres) (Dextron III, synthetic, weight, etc.) (# of filters and part numbers; internal and external filters) 	DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE	 (Hydrostatic, standard, automatic) (in litres) (Dextron III, synthetic, weight, etc.) (# of filters and part numbers; internal 	DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S)	 (Hydrostatic, standard, automatic) (in litres) (Dextron III, synthetic, weight, etc.) (# of filters and part numbers; internal and external filters) 	DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER	 (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.) 	
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL	 (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.) 	DETAILS FROM VENDOR
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL DIFFERENTIAL MAKE	 (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.) 	
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL DIFFERENTIAL MAKE DIFFERENTIAL MODEL	 (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.) 	
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL DIFFERENTIAL MAKE 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) 	
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL DIFFERENTIAL MAKE DIFFERENTIAL MAKE 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) (Make and part number if applicable) (e.g. 80W90, synthetic) 	
TRANSMISSION MAKE TRANSMISSION SERIAL NUMBER TRANSMISSION TYPE TRANSMISSION FLUID CAPACITY TRANSMISSION FLUID TYPE TRANSMISSION FILTER(S) TRANSMISSION FILTER KITS TRANSMISSION COOLER FRONT DIFFERENTIAL DIFFERENTIAL MAKE 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) 	

DIFFERENTIAL MAKE		
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
ALTERNATOR	(Enter make, model, part #)	
	Integers only (e.g. 105, 125, etc.)	
BATTERY CCA		
BATTERY QTY.		
BELT A/C PART #	(Enter make and part number)	
BELT COMPRESSOR PART #		
BELT FAN PART #		
BELT ALTERNATOR PART #		
BELT STEERING	(V-belt or serpentine, quantity)	
BELT STEERING PART #		

BELTS OTHER		
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)	
		DETAILS FROM VENDOR
BODY SUPPLIER	(Name and contact number)	
BODY TYPE		
BODY MAKE		
BODY MODEL		
BODY SERIAL NUMBER		

Template Version: F020110316 - Fleet

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
ТҮРЕ	(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 SERIAL # HYDRAULIC DRIVE TYPE	(Hydrostatic, standard, automatic)	
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY	(in litres)	
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID	(in litres)	
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY	(in litres)	
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE	(in litres)(Dextron III, synthetic, etc.)(# of filters and part numbers; internal	
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S)	(in litres)(Dextron III, synthetic, etc.)(# of filters and part numbers; internal and external filters where applicable)	
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER	 (in litres) (Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable) 	DETAILS FROM VENDOR
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP	 (in litres) (Dextron III, synthetic, etc.) (# of filters and part numbers; internal and external filters where applicable) (Part number if applicable) 	DETAILS FROM VENDOR
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP	(in litres) (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 SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP SWEEPER BROOM SEGMENTS	(in litres) (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 SERIAL # HYDRAULIC DRIVE TYPE HYDRAULIC DRIVE FLUID CAPACITY HYDRAULIC DRIVE FLUID TYPE HYDRAULIC DRIVE FILTER(S) HYDRAULIC DRIVE COOLER HYDRAULIC BREATHER CAP SWEEPER BROOM SEGMENTS WATER FILTER	<pre>(in litres) (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 #)</pre>	DETAILS FROM VENDOR
HYDRAULIC DRIVE SERIAL # HYDRAULIC DRIVE TYPE 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	<pre>(in litres) (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 #)</pre>	DETAILS FROM VENDOR

PREDICTIVE MAINTENANCE	Predictive maintenance (PdM)	DETAILS FROM VENDOR
ITEMS	techniques help determine the condition of in-service Equipment in	(Intervals in hrs/kms)
	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.	
	Equipment loses performance.	

FORM Q-SUSTAINABILITY QUESTIONNAIRE

	 Information Sustainability: High Quality, Small Ecological Footprint 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. 	(Yes/No)
2. Describe	Have you obtained 3rd party environmental certifications for any of the products that you are supplying in this Bid Opportunity?	
3. Describe	Have you performed a life cycle assessment of the goods you are supplying in this Bid Opportunity? If yes, please describe below.	
4. Describe	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.	
	and Climate: Reducing Energy Costs and Greenhouse Gas Emissions 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?	
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
1.	product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

1.	product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.
Describe	
	Have you set publicly available solid waste reduction targets? If yes, what are those
2.	targets?
Describe	
	Do you measure the total water use from facilities that produce your product(s) for this Bid
3.	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	
Natural F	Resources: Responsibly Sourced Raw Materials
	Have you established publicly available sustainability purchasing guidelines for your direct
1.	suppliers that address issues such as environmental compliance, employment practices and

product safety?

Describe:

Social Responsibility: Ensuring Responsible and Ethical Production

1. Do you have a process for managing social compliance at the manufacturing level?

Describe:

Do you work with your supply base to resolve issues found during social compliance 2. evaluations and also 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: