

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND INSTALLATION OF VAN INTERIOR OUT-FITTING

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

GST Registration Number (if applicable)

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

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

Email Address

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.

6. Commencement of the Work The Bidder agrees that no Work shall commence until he/she is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.

7. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

8. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	Dated
_____	_____
_____	_____
_____	_____

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

10. 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 B9)

SUPPLY AND INSTALLATION OF VAN INTERIOR OUT-FITTING

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Supply and Installation of Van Interior Out-fitting	16070	Each	2	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 16070

VAN INTERIOR OUT-FITTING

1.0 SCOPE

- 1.1 These specifications describe the supply and installation of a cargo van interior out-fitting to be installed by the successful Bidder into a City owned 9000 lbs. GVWR, 2016 or 2017 Ford Transit 250 SRW Extended Length High Roof Cargo Van.
- 1.2 The unit shall be furnished and ready for use. All parts not specifically mentioned, but which are required to complete and place the unit into successful operation, shall be furnished as though specifically mentioned in these specifications. The complete unit and all parts thereof shall conform in strength and quality of the material and workmanship, to the best standards and engineering of the industry.
- 1.3 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 unit.
- 1.4 The rating specified herein merely states the minimum values acceptable to the City. There is no intent to imply that these values are sufficient for the design of the equipment being bid.

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.
- Society of Automotive Engineers, SAE:
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers
- 2.2 The completed unit and all its components shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection.
- (NFPA) National Fire Protection Association Standard latest revisions
 - Highway Traffic Act
 - Canadian Motor Vehicle Safety Standards
 - Transport Canada
 - National Safety Mark, NSM
 - Manitoba/Winnipeg Safety and Health Act, Parts 12, 22
 - Canadian Standards Association
 - City of Winnipeg Lighting Visibility Standard =
<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>
 - Under Writers of Canada ULC

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 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 4.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined

in the Bid Opportunity package.

- 4.2 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.
- 4.3 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**
- 5.0 **QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-**
- 5.1 The manufacturer of the **Van Interior Components for outfitting** shall have five (5) years continuous experience manufacturing **Van Interior Components**.
- 5.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

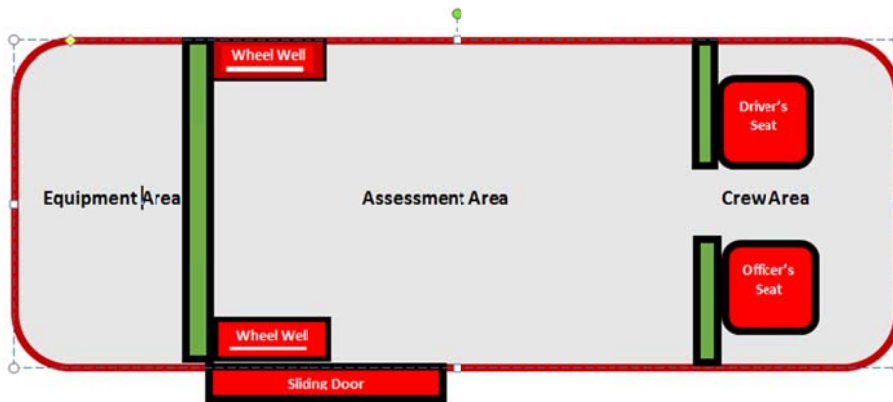
6.0 **SPECIFICATIONS:**

6.1 The van interior and exterior components shall be supplied and installed in the following (2) City of Winnipeg supplied vehicles: **2016 or 2017 Ford Transit 250 SRW High Roof Cargo Vans** provide by the City of Winnipeg.

- 148 in. wheelbase
- Extended length
- High Roof
- 9000 lbs. GVWR
- Heat/Air conditioning (front & rear)
- Rear cargo doors double swing with windows
- Cargo doors: passenger side sliding door with window

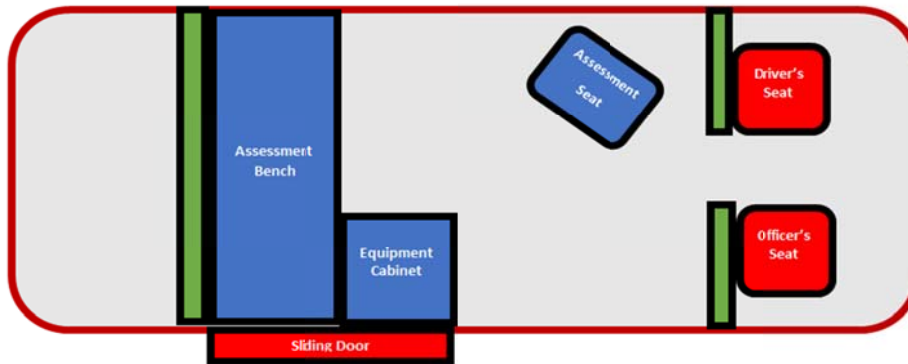


6.2 **Interior Walls-**



- a) The vehicle shall be divided into three distinct areas, those being the Crew Area from which the vehicle is operated and where the radio and computer are stationed when the vehicle is in transit. The Assessment Area shall be accessible from the Crew Area from an opening between the two floor to ceiling front walls, and externally through the Sliding Door on the passenger side of the vehicle. The Equipment Area shall be only accessible from the two rear opening doors. _____
- b) The two (2) front walls located behind the Driver's Seat and the Officer's Seat shall be solid floor to ceiling in height, and the bottoms shall be designed to allow for cleaning of the Assessment Area while preventing water from flowing beneath the walls. _____
- c) The one (1) wall which divides the Assessment Area and the Equipment Area shall be a full width floor to ceiling wall which shall be solid from the base to approximately 12" inches from the ceiling. The top 12" inch section shall be screen type filler to allow air movement from the Assessment Area to the Equipment Area. _____

6.3 **Assessment Area-**



- a) The Assessment Area has three (3) distinct components, those being a swivel Assessment Seat located behind the wall behind the Driver's Seat, a Medical Equipment Cabinet accessible from the front of the cabinet either from the outside when the Sliding Door is open, or from immediately behind the wall behind the Officer's Seat, and the Assessment Bench which is over the wheel wells and up to the wall dividing the Assessment Area from the Equipment Area.

- b) The Assessment Seat shall be complete with a back section and folding arm rests, has a full 360 degree swivel capability and shall include seats belts and the appropriate pull test certifications for usage while the vehicle is in transit. The seat shall be heavy vinyl material to allow for ease of cleaning and decontamination.

- c) The Medical Equipment Cabinet shall be a floor to ceiling cabinet unit positioned on the Officer's side of the vehicle and several inches in front of the maximum opening of the exterior Sliding Door. The cabinet shall have four (4) distinct shelves and one (1) sliding drawer. The cabinet shall have single door opening from the Officer's Side of the vehicle inwards towards the Driver's Side. The door shall be sealed to prevent water from entering into the cabinet.

- d) The Assessment Bench shall be the full width of the vehicle and approximately 24" inches wide and about 24" inches high. The bench shall be positioned in front of the wall dividing the Assessment Area and the Equipment Area, and between the wall and the Medical Equipment Cabinet on the Officer's Side of the vehicle. The bench shall have two (2) sets of seat belts, with one (1) set on the Driver's Side of the bench and the other set in the middle of the bench. Seat belts to have the appropriate pull test certifications for usage. The bench shall be heavy vinyl material to allow for ease of cleaning and decontamination. The bench shall have storage beneath the seats accessible from the top of the bench.

- e) Assessment area shall have an electric reversible roof vent suitable to bring in fresh air and also exhaust interior air.

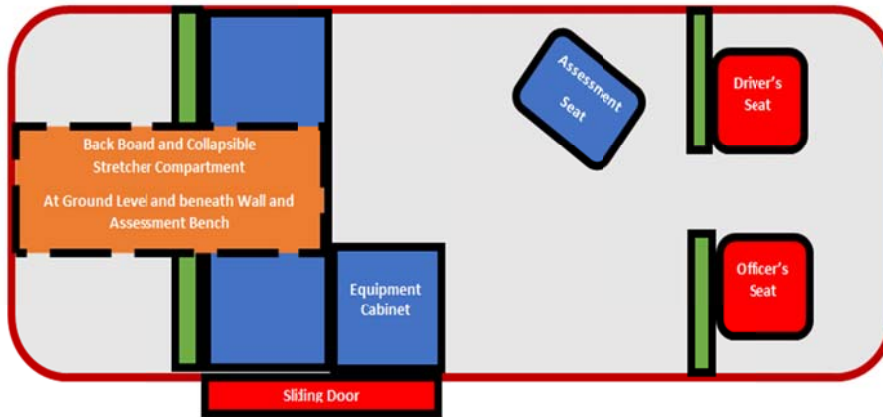
6.4

Medical Equipment Cabinet-



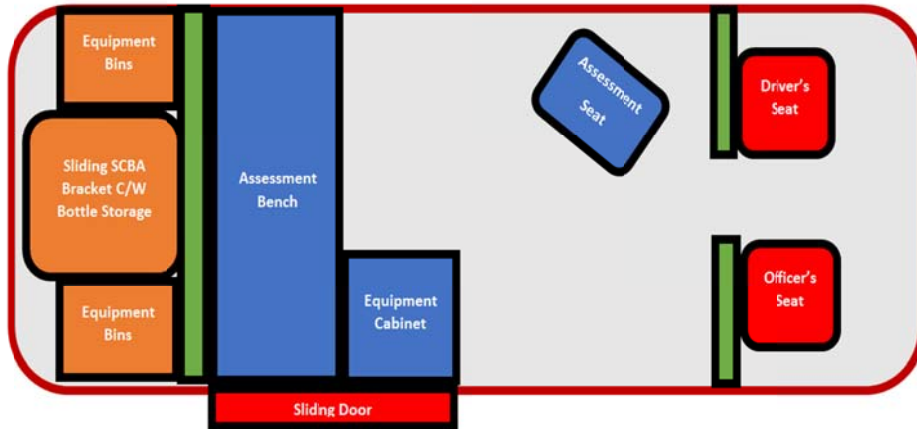
- a) The medical equipment cabinet shall be approximately 30"W X 24"D made of light weight steel, stainless steel or aluminum
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6.5 **Equipment Area-**



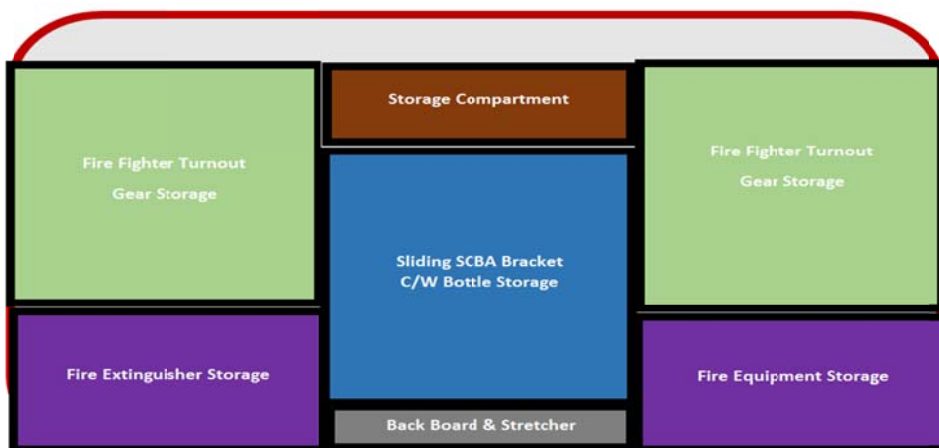
- a) At the floor level, starting at the rear doors and ending between the two (2) wheel wells is the Back Board and Collapsible Stretcher Storage Compartment. This compartment will contain both stretchers side by side on the flat accessible from the rear, and beneath the wall dividing the Assessment and Equipment Areas. This compartment will be approximately 40" inches wide and about 6" inches high and have a door.

6.6 **Equipment Area –**



- a) The Equipment Area Cabinets shall be designed to accommodate a back board and stretcher, fire fighter turnout gear, fire extinguisher, various loose fire equipment and must have a sliding SCBA bracket.

Equipment Area – Rear View

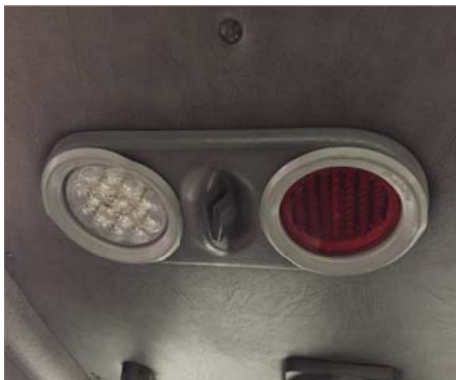


6.7 **Insulation-** Floor, interior walls, ceiling, inside doors shall have spray foam insulation to maintain heat and cool air conditioning from the factory supplied front and rear heat/air conditioning unit supplied.

6.8 **Floor-** ½ inch plywood floor with non-slip surface and insulated.

- 6.9 **Walls**- Walls shall be covered with plywood and lined with protective white spray liner. _____
- 6.10 **Protective Spray liner**- The assessment area and equipment area shall be sprayed with **white** protective spray-in liner. (Acceptable supplier shall be Line-X, Full Metal Jacket or Rhino Spray in Liner). The Protective spray in liner shall cover all installation holes or rivets and cover **all seams** for ease of cleaning and decontamination and so water cannot penetrate behind installation points _____
- 6.11 **Heating/Air conditioning**- The van will be supplied with a factory rear heat and air conditioning kit. It is the responsibility of the Contractor to install and plumb all venting to allow sufficient heat and air exchange in the assessment area. _____
- 6.12 **Lighting**- All lighting exterior and interior lighting shall be LED Class
- 6.13 **Exterior Lighting**- All exterior lighting must meet the (NFPA) National Fire Protection Association Standard latest revisions. All lighting exterior lighting shall be LED Class 1.
- Light Bar 60" LED FN60VLE Make Whelen Model Freedom
 - Federal Siren Smart with Make Whelen Controllor
 - 100W Speaker Make Whelen
 - 1 X Hand Held Spot Light in Cab Make Collins
 - 2 X Grille Lights Red Make Whelen Model 600 LED
 - 4 X Side Intersection Lights Red Make Whelen Model 600 LED
 - 2 X Rear Lower Warning Lights Red Make Whelen Model 600 LED
 - 4 X Side Upper Warning Lights Red 9X7 Make Whelen Model 600 LED
 - 2 X Rear Upper Warning Lights Red 9X7 Make Whelen Model 600 LED
 - 8 X Scene Lights Make FRC LED Model 900-Q65
 - 6X Ground Lights Make Luma Model Bar H20-12" _____

- 6.14 **Interior Lighting**- All lighting interior lighting shall be LED.



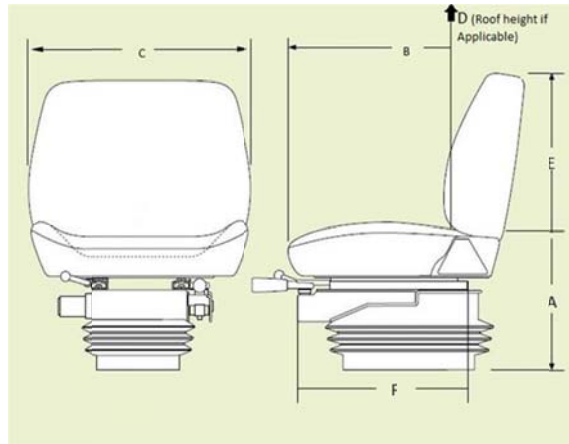
- a) The Crew Area shall have two (2) lights as per above photo. One located above office and one located above officer. _____
- b) The Assessment Area shall have two (2) lights as per above photo. Exact location shall be determined upon a pre-production meeting. _____
- c) Assessment Area shall have sufficient white LED lighting to have this area bright. _____
- d) Rear Cargo Area shall have sufficient white LED lighting to have this area bright. _____

7.0 ERGONOMICS

Entry/ Exit

- 7.1 First step entry height **State**, height of first step in inches _____
- 7.2 First handhold entry height **State**, first handhold entry height in inches _____
- 7.3 Access to equipment **State**, door opening height in inches _____
- 7.4 Access to equipment **State**, door opening width in inches _____
- 7.5 Designed to prevent slipping **Anti-slip steps/handholds (Y or N)?** _____

Seat (use below diagram to answer questions)



- 7.6 Sitting height range from floor (where feet rest) (A) **State**, seat height range in inches _____
- 7.7 Seat length/depth (B) **State**, seat length/depth in inches _____
- 7.8 Seat width (C) **State**, seat width in inches _____
- 7.9 Cab height from seat to roof (if applicable) (D) **State**, cab height range in inches _____
- 7.10 Back rest height (E) **State**, back rest height in inches _____
- 7.11 Seat travel range (F) **State**, seat travel in inches _____
- 7.12 Lumbar support **Is lumbar support provided (Y or N)?** _____
- 7.13 Head rest **Is head rest provided (Y or N)?** _____
- 7.14 Seat is made of breathable material **State**, type of seat material _____

Operation

7.15 Reaching distance to usual work **State**, reaching distance in inches _____

7.16 Maximum reaching distance **State**, maximum reach distance in inches _____

7.17 Adjustable pedals (accelerator/brake/clutch) Are pedals adjustable **(Y or N)?** _____

7.18 Adjustable steering wheel Is steering wheel adjustable **(Y or N)?** _____

7.19 Adjustable shoulder belt Is belt adjustable and anchored **(Y or N)?** _____

Cargo Area

7.20 Lid opens to provide adequate space Adequate space provided **(Y or N)?** _____

7.21 Loading height **State**, trunk height in inches _____

Environment

7.22 Operator compartment is insulated from equipment noise (while operating) **State**, dBA inside cab while operating _____

7.23 Operator insulated from equipment vibration Is operator insulated from vibration **(Y or N)?** _____

7.24 Heating/cooling systems **State**, cab temperature range _____

7.25 Cab lighting **State**, lumens inside cab _____

Maintenance/ Inspection

7.26 Lift assistance provided (when necessary) Is lift assistance provided **(Y or N)?** _____

7.27 Easy access to compartment doors Is easy access provided **(Y or N)?** _____

7.28 Include any other relevant ergonomic specifications and applicable range of adjustment

8.0 DELIVERY

8.1 Delivery Point: 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 the WFMA 185 Tecumseh Street, Winnipeg MB. The successful Bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order _____

8.2 Delivery Time: **Twelve to sixteen (12-16) Calendar weeks** after the vans are delivered to the Contractor's location. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

8.3 Delivery Contact: The Contractor shall contact the Contract Administrator (2) weeks prior to delivery of the equipment. _____

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

9.0 MANUALS-

9.1 Manuals shall be supplied under this Contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. _____

9.2 The following manuals shall be supplied with the units when delivered:

a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch _____

b) Parts and service manuals – One (1) complete set including preventative maintenance schedules. Memory Sticks are preferred. _____

10.0 WARRANTY

10.1 The warranty on the van interior shall include 100% replacement parts and labour at no cost to the City and shall cover the complete equipment and all the parts thereof against defects of workmanship, construction and materials for one (1) year from the date the equipment is put into service by the City. _____