

757-2016B ADDENDUM 8

TRANSIT BUS MAINTENANCE AND REPAIR GARAGE EXPANSION DESIGN – BUILD PROJECT

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE
REQUEST FOR PROPOSAL**

ISSUED: May 9, 2017
BY: Kevin Sim
TELEPHONE NO. 204-956-4055

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE REQUEST FOR PROPOSAL AND
SHALL FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: Ar20160708

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Request for Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 9 of Form A: Proposal may render your Proposal non-responsive.

PART B – BIDDING PROCEDURES

Add: B13.2.2(b) Electrical Distribution Upgrades – \$120,000

Revise: B15.2.5(a) to read: Describe the new equipment systems incorporated into the building design including but not limited to the following:

- (i) Typical bus maintenance bay equipment (hoists, fuel distribution);
- (ii) Specialty bus maintenance bay equipment;
- (iii) Pre-manufactured paint booth and prep booth equipment; and
- (iv) Shop equipment.

Revise: B15.2.5(b) to read: For new equipment, describe the following:

- (i) Type/manufacture of system;
- (ii) Special features;
- (iii) Coordination and integration with other mechanical and electrical building systems;
- (iv) Warranty/service response program including typical timelines for response to local service/emergency calls and local spare parts availability; and
- (v) Conformance to the requirements in Section E.

PART D – SUPPLEMENTAL CONDITIONS

Revise: D11.1(a) to read: Broad form builder's risk insurance, including testing and commissioning and boiler and machinery, in the joint names of the City, Contractor, Manitoba, Canada, and all sub-contractors, as their financial interest may be in the Work, in an amount not less than the estimated total cost. The coverage period will extend for at least ten days after Substantial Completion and if all testing and commissioning has not been completed at that time, the policy will extend until such time as all testing and commissioning has been completed.

- (i) The Contractor shall be responsible for deductibles up to fifty thousand dollars (\$50,000) per occurrence except for flood and water damage and testing and commissioning damage losses of one hundred thousand dollars (\$100,000).

- Revise: D11.1(b) to read: All risks property and equipment breakdown insurance policies for the full replacement cost insuring the existing structures while under renovation for the transit bus maintenance and repair garage expansion Project. The Contractor shall be held responsible for any damage to the existing structure sustained as a result of their Work for deductibles up to two hundred, fifty thousand dollars (\$250,000).
- Revise: D11.1(c)(ii) to read: The City will carry such insurance to cover the City, the Contractor, Manitoba, Canada and all sub-consultants and contractors and sub-contractors as insured's. Provision of this insurance by the City is not intended in any way to relieve the Contractor from their obligations under the terms of the Contract. Specifically, losses relating to deductibles for insurance, as well as losses in excess of limits of coverage and any risk of loss that is not covered under the terms of the insurance provided by the City remains with the Contractor.
- Revise: D11.2(b) to read: Contractor's pollution liability (CPL) insurance in the amount of at least one million dollars (\$1,000,000) per occurrence and two million dollars (\$2,000,000) annual aggregate insuring against claims covering third-party injury and property damage claims, and including clean-up costs and transported cargo as a result of pollution conditions arising suddenly or gradually from the Contractor operations and completed operations. Such policy to name the City, Manitoba, Canada as additional insureds and remain in place for a minimum of twelve (12) months following Total Performance.
- Revise: D11.2(c) to read: Commercial general liability insurance, in the minimum amount of ten million dollars (\$10,000,000) inclusive per occurrence and ten million dollars (\$10,000,000) general aggregate. The said commercial general liability insurance shall include coverage for products and completed operations, blanket contractual, non-owned automobile and unlicensed motor vehicle liability. Such policy shall not contain any exclusions or limitations for demolition work, asbestos abatement, lead removal and will add the City, Manitoba, Canada as additional insureds.
- Add: D31 **FUNDING AGREEMENT CONDITIONS**
- Add: D31.1 Further to B26.3, the Transit Bus Maintenance and Repair Garage Expansion Design – Build Project is eligible for Provincial and Federal funding. Based on conditions imposed on the City from its funders certain conditions in the Request for Proposal must be amended as set out in this Addendum #8. The City is not anticipating any further changes than the ones set out herein, but should any additional conditions be imposed on the City by its funders that affect the Contract with the Contractor after the Submission Deadline, then negotiations may be requested with the most advantageous offeror to address those additional conditions.
- Add: D31.2 Further to D6, the Contractor agree that all intellectual property including patents, copyright, trademarks and industrial designs which the Contractor may use in carrying out the Project is:
- (a) owned by Winnipeg; or
 - (b) owned by the Contractor or a third parties for which the Contractor is responsible and Winnipeg has been granted a non-exclusive, irrevocable, perpetual, royalty-free, fully paid-up, non-transferable licence to use , copy, support, maintain and modify such intellectual property pursuant to the Contract; or
 - (c) owned by a third party and Winnipeg has the right or licence to use such intellectual property from the person who is lawfully authorized to give such a right or licence.

Add: D31.3

The Contractor agrees to:

- (a) establish and maintain for a period of six (6) years following the Substantial Completion Date such accounting and other records (including supporting documents), prepared in accordance with generally accepted accounting principles, as are necessary to properly account for all Work pursuant to the Contract;
- (b) permit Winnipeg, Manitoba or Canada, and their respective authorized representatives, to monitor the Project and to inspect and audit the accounting and other records relating to the Project for a period of six (6) years following the Substantial Completion Date;
- (c) comply with all applicable legislation and standards, whether federal, provincial or municipal, including (without limitation) labour, environmental and human rights laws, in the course of providing the Work.

PART E – SPECIFICATIONS

Revise: E24.5.2 to read:

In-Ground Vehicle Lift

- (a) Provide modular in-ground vehicle lifts including safety equipment, controls and accessories.
- (b) Lifts shall be with two (2) posts or three (3) posts as indicated on the Room Data Sheets and shall be capable of hoisting 40 foot buses (2 posts) and 60 foot articulated buses (3 posts).
- (c) Two (2)-post lifts shall have one motor operated moveable post to accommodate the various wheelbases of the 30 foot and 40 foot buses.
- (d) Three (3)-post lifts shall have two motor operated moveable posts to accommodate the various wheelbases of the 30 foot, 40 foot and 60 foot buses.
- (e) Minimum capacity of lift systems to accommodate bus weights identified in revised Appendix E R1 and F R1.
- (f) Units shall consist of frames, pumps, lift posts, a common motor assembly complete with relief valves, and check valves mounted on an appropriately sized hydraulic fluid reservoir. The power unit shall be factory assembled and tested.
- (g) Lifts are to be provided with appropriate corrosion protection for an industrial bus repair facility and local environmental factors.
- (h) All lifts must be equipped with home pockets for saddles to sit flush with floor surface creating an unobstructed floor, free of tripping hazards
 - (i) All lifts must be equipped with home pockets for saddles to sit flush with floor surface creating an unobstructed floor, free of tripping hazards
- (i) Provide front and rear hoist adapters, supplied for each individual lift, capable of lifting all of Winnipeg Transit buses. The design must be such that all buses can be lifted with a maximum of 2 adapter options for the rear and 2 adapter options for the front.
 - (i) The various bus makes and models serviced are as follows:

Make	Model	Year
New Flyer	D40	1994
New Flyer	D40-LF	1994
New Flyer	D40-LF	1995
New Flyer	D30-LF	1996
New Flyer	D40-LF	1998
New Flyer	D40-LF	1999
New Flyer	D30-LF	2001
New Flyer	D40-LF	2002
New Flyer	INVERO	2002

New Flyer	D40-LF	2003
New Flyer	D60-LF	2003
New Flyer	D40LF	2004
New Flyer	D60-LF	2004
New Flyer	D40LF	2005
New Flyer	D40-LF	2007
New Flyer	D40LFR	2008
New Flyer	D40LFR	2009
New Flyer	D40LFR	2010
New Flyer	D40-LFR	2011
New Flyer	D40LFR	2012
New Flyer	XE40-LF	2014
New Flyer	XD40-LF	2015
New Flyer	XD40-LF	2016

- (j) Remote pendant controls are preferred. Where lift controls are provided via an external main floor mounted control console, provide a remote pendant control in addition.
 - (i) VFD lift pump controls are preferred.
- (k) External main floor mounted control consoles shall be located such that they do not impede on the clear access around each bus required for maintenance personnel, equipment, tools and bus drive-thru exiting.
 - (i) Control consoles may not be located between each bus service bay.
 - (ii) Current estimate of floor area does not account for potential additional space required for floor mounted control consoles.
- (l) Provide spill containment for any hydraulic system component in accordance with applicable codes.
- (m) Parts and service within 10km of the City of Winnipeg and a 2-hour response time by a manufacturer certified and authorized technician when called for parts or service for warranty and emergency repairs.
- (n) Installer's qualifications:
 - (i) Factory trained authorized company.
 - (ii) Company insured for completed operations of installing lift.
- (o) Hoists must be certified by the ALI, to ANSI-ALCTV.
- (p) Installation in accordance with ANSI/ALI ALIS 2019.
- (q) Acceptable Manufacturer: Rotary MOD35 or approved equal.
- (r) Acceptable Alternative: Stertil-Koni DiamondLift

Revise: E25.4.12(h) to read:

- Controls (Building Automation)
- (i) Johnson Controls Metasys (No alternatives permitted)

Add: E26.5.4(a)(vii)

The transition from the 25kV loop to the 600V supply for the respective main distributions may be accomplished via a combination of a stand-alone 25kV switchgear (complete with the overcurrent protection trip units as required) combined with a stand-alone oil filled step-down transformer or a unit that combines the functionality of the switchgear and the oil filled transformer in one enclosure, providing that:

- i. The proposed system allows for the isolation of each section of the 25kV loop.
- ii. The proposed system allows for the isolation of the transformer on the primary (line) side.
- iii. The overall system meets the Utility requirements for the reverse power flow protection.”

- Add: E26.5.4(a)(viii) Acceptable locations for medium voltage power centers servicing the existing distributions and demarcation point are included in the sketch added to Appendix P R1 issued with Addendum 8.
- Add: E26.5.4(k) Allow for and include in the design a 3m x 4m surface easement at the Manitoba Hydro distribution centre location outlined in Appendix W issued with Addendum 3. Coordinate the final location and orientation with the City and Manitoba Hydro. The maximum slope across the easement shall be plus/minus 1 inch or 25mm.
- Add: E26.5.5(k) Conduct a short circuit coordination study on each existing distribution based on the new equipment configuration provided under this contract. Confirm the available fault current at each of the existing 600V MCCs and 600V panels downstream of the new / refurbished main distribution.
- Revise: E26.5.23 to read: Public Address System
- (a) Provide a public address system throughout the new addition.
 - (i) Speaker density shall provide clear audibility throughout the space based on the existing garage ambient noise level.
 - (b) The system shall be integrated with and controlled via the telephone system.
 - (c) The system shall be compatible with the existing PA system and appear as a separate zone on the existing system.
 - (d) The system shall support communication protocol(s) supported by the existing system.
- Add: E26.5.30 Electrical Distribution Upgrades Cash Allowance
- Contractors to carry the cash allowance identified in B13.2.2(b) for the following:
- (a) To address the possibility of the additional equipment requirements due to the fault current on the replaced / refurbished distribution exceeding fault current ratings of the existing downstream panels, and
 - (b) Existing conductor replacement.

APPENDICES

- Replace: Appendix H_R2 with new Appendix_H_R3 Garage Room Data Sheets
- Appendix_P1 to P4_R1: Add the following information:
- 421 Osborne Electrical Distribution Locations

CONFIDENTIAL ADDENDUM

Proponents are advised that a Confidential Addendum 8 is available for review and information. Proponents are to comply with the process outlined in E1.4 to access Confidential documents.

QUESTIONS AND ANSWERS

Q1. "E23.2.8 Sub-surface 'weeping tile" drainage system is to be provided and shall be at least in accordance with the recommendations of the Proponent's Geotechnical Report)".

Although the revised geotech report has not yet been received, the original report provided with the RFP suggested the use of weeping tiles. Given the type of foundations and floor structures, and the use of sealed steel housings for the bus lift hoists, it is not evident that weeping tiles are absolutely required.

a. Please confirm that the weeping tile system is required.

b. Pending the above response; in order to properly locate these units, please provide the rationale and intent for these weeping tiles, so that proper location, size, pumping volumes, and pump discharge routing can be proposed.

A1. A weeping tile system is required as is noted. The Proponent's Geotechnical Engineer needs to provide recommendations on the minimum requirements for such a system in their report. If it is not presently included, it should be added by a supplemental addendum to the report.