

## 757-2016B ADDENDUM 2

### 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: March 24, 2017  
BY: Kevin Sim  
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**THIS ADDENDUM SHALL BE INCORPORATED  
INTO THE REQUEST FOR PROPOSAL AND  
SHALL FORM A PART OF THE CONTRACT  
DOCUMENTS**

Template Version: Ar20160708

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**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.**

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#### **PART E – SPECIFICATIONS**

- Add: E8.4.6(e) Utilize dustproof hoarding and temporary partitions or barriers to isolate demolition work from existing building areas to remain to separate dust generating activities from the occupied facility. Maintain until such work is complete. Contractor will be responsible for any and all demolition contamination to all impacted occupied areas.
- Add: E8.4.6(f) Provide protection for existing building systems, services, and equipment including but not limited to the following:
- (i) Do not disrupt active or energized utilities designated to remain undisturbed. Post warning signs on electrical lines and equipment which must remain energized to serve other properties during period of demolition.
  - (ii) Provide temporary dust screens, covers, railings, supports and other protection as may be required to complete the Work.
  - (iii) Provide protection from elements for areas which may be exposed to weather or inclement conditions by uncovering work.
- Add: E8.4.6(g) Contractor is responsible to repair damage incurred due to improper protection.
- Delete the 2<sup>nd</sup> E15.1 Truck Weight Limits (immediately following E15.5(b)) and was miss-numbered in error.
- Add: E15.6 Truck Weight Limits
- (a) The City shall not pay for any portion of material which results in the vehicle exceeding the maximum gross vehicle weight allowed under *The City of Winnipeg Traffic By-laws*, unless such vehicle is operating under special permit
- Add: E23.1.4 The Proponent is advised that it is acceptable for one or more of the Proponents to jointly engage a geotechnical engineer to provide the required geotechnical report. The determination of the arrangement, coordination, payment, liabilities, etc. in doing so would fully be the responsibility of the Proponents agreeing to use such a joint report. If a Proponent uses such a joint report it shall be noted as such in the RFP submission and the Proponent names of all joint users shall be included. In the case of the use of a joint report, each Proponent shall still include a copy of the report in their own submission. Proponents are advised that the report will be used for background information in the review of the Proponent submission.
- Revise: E26.5.4.1 to read: Main Distribution – Existing

(a) Replace existing main distributions "Distribution 1", "Distribution 3" and "Distribution 2" as follows:

- (i) Replace Distribution 1 with a new 600V distribution. Distribution shall be complete with a main breaker in a separate compartment. Distribution specifications (Ampacity, fault current rating) shall match the upstream equipment and provide a minimum of 20% spare capacity.
- (ii) Refurbish Distribution 3 panel tub by replacing all the internal components.
- (iii) Replace Distribution 2 with a new 600V distribution: Supply and install new 600V 1600A switchboard complete with 1000A 80% rated LSIG breaker in a separate compartment. Switchboard shall accommodate all the existing CDP-MDP2-A breakers, all the remaining Distribution #2 breakers plus four (4) spare 400A-3P breaker slots and two 25A-3P breaker slots.
- (iv) Refer to existing drawings for locations of the existing electrical equipment.

(b) Main distribution design for the existing distributions "Distribution 1", "Distribution 3" and "Distribution 2" shall incorporate new stand-by generators mounted on the exterior of the building in a self-contained enclosure.

- (i) Generators shall not power life safety systems.

(c) Each new main distribution shall be complete with a stand-alone automatic transfer switch sized based on the downstream distribution.

(d) Replacement of existing distributions shall be complete after the implementation and commissioning of outdoor medium voltage power centers in order to minimize power outages to the existing equipment.

## **QUESTIONS AND ANSWERS**

- Q1. Please provide AutoCAD information for Appendix D, M, N, drawings in R and any other relevant AutoCAD data.
- A1. All available AutoCAD information will be provided to each of the pre-qualified Proponents.
- Q2. Does the City have a preference or requirement for the use of a particular energy modelling software to provide the required energy analysis calculations?
- A2. The City has no preference.
- Q3. Part D Supplemental Conditions:  
D2.2.2 Equipment:  
(v) Fluid dispensing reels, hoses and connectors connected to existing fluid distribution system.
- A new fluid room is included in the Room Data Sheets. What is the intent of the above statement: does it require an interconnection only, or supply of existing systems from the new room, or another functionality? Please advise.
- A3. There are new equipment and room requirements as outlined in the Specifications. There will be requirement for the new and existing systems to all be interconnected.

- Q4. PART E Specifications Re: Section E23.1.2:  
The RFP requires under this section that each proponent engage a geotechnical engineer and complete a site investigation along with design recommendations and a report signed and sealed by a geotechnical engineer. Is the City's intent to have all three proponents carry out and pay for three separate geotechnical investigations/reports? If so would the City be open to either of the following options:
1. Allow the three Proponents to come to an agreement in obtaining the required investigation/report, so that only one investigation and report is completed and relied upon by all three Proponents.
  2. Allow Proponent to rely on information in the documents for purposes of the bid with a requirement to provide confirmatory investigation/report after award.
- A4. Refer to new Clause E23.1.4 added in Addendum 2.
- Q5. Does extent of construction require existing building to be brought up to current codes?  
A5. Any new system that ties into existing will both have to be designed and constructed to current codes.
- Q6. Does rooftop equipment have to be shielded from any line of sights, such as from local residences?  
A6. Building height requirements should preclude that rooftop equipment will not be visible. Refer to Appendix R for neighbourhood concerns.
- Q7. E16.2 Crime Prevention Through Environmental Design  
Is complete CPTED Certification required, or if technical staff, such as landscape/planning staff, with the four-day basic CPTED training courses, or more, who have not yet completed full certification, will be considered as having equivalent credentials and value in the proposal?  
A7. We would be willing to accept a trained but not certified CPTED Landscape Architect who is also a current MALA member in good standing.
- Q8. Are any bus air brakes normally precharged before bus starting up?  
A8. In general, buses are pre-charged with air prior to startup; however, this is not always the case, and buses will be started with a minimum 90 psi.
- Q9. Does the City have a protocol regarding operation of diesel engine busses within the facility, regarding idling times, maximum engine rpm, etc., without the use of dedicated connected exhaust extraction devices?  
A9. Buses only run inside to enter or exit the garage.
- Q10. What is the frequency and amount of bus departures at peak times?  
A10. With respect to the repair and maintenance garage only:  
From 7:00 – 16:30, a consistent frequency, with 150 – 200 buses  
Peak from 7:00 – 7:30 of 30 – 40 buses  
Peak from 13:30 – 14:30 of 30 buses  
Peak from 5:00 – 6:30 of 10 – 20 buses
- Q11. Is there any requirement to consider future electrification requirements for charging buses  
A12. No requirement.
- Q12. Is there a mandated number of EV charging stations required by the City?  
A12. N/A
- Q13. Is there data available on existing storm sewer capacity and loadings for the facility and the general areas served by any such system?  
A13. All available information has been provided by the City.
- Q14. Will there be a requirement for a controlled separation between the existing building and the expansion, such as a normally closed door, or on the contrary, a continuously open passage, without door?  
A14. There is no controlled separation requirement. The existing door will be kept open or closed as desired.

- Q15. Does the City have a preferred fire suppression sprinkler system service provider?  
A15. The current service provider is Vipond, but the City contract potentially changes every few years.
- Q16. Is the existing service area garage mechanically cooled?  
A16. No.
- Q17. Are controlled product body coatings applied by atomization methods in any bus preparation areas other than in the spray booth (spot primers, etc.), and if so, which products and in what quantities?  
A17. Undercoating will be sprayed in prep booth area because bus must be lifted for access
- Q18. Is the new crane is to be radio remote controlled, or pendant controlled, or both? Does the City have a standard or preferred supplier for any remote control systems?  
A18. Pendant controlled.
- Q19. The Room Data Sheet for the Fluid Room does not include windshield washer fluid. Is bulk storage of any such liquid also required in this space?  
A19. Not required.
- Q20. Please provide AutoCAD versions of the drawings listed in E1.3 the existing maintenance garage building per E2.2 (b) of Part E – Specifications in the Request for Proposal.  
A20. All available AutoCAD information is as listed and will be provided to each of the pre-qualified Proponents.