

Addendum 4

City of Kingston (the “City”) RFP EN-2018-02

John Counter Boulevard Bridge and Roadway Construction Phase 5(b) Princess Street to East of Portsmouth Avenue

As per section 3.2.1 Proponents to Review RFP and 3.2.2 All New Information to Proponents by Way of Addenda, please see below for questions received by proponents regarding RFP EN-2018-02 and the corresponding answers provided by the City:

Question 15:

On drawing S08, could you confirm that the levels on Elevation, El. 87,452 and El. 86,915 are correct? On drawing S13, the GIRDER ERECTION ELEVATIONS chart indicates different levels for the West Abutment than the East Abutment. There is 762 mm higher for the East Abutment. It doesn't fit with the elevation on drawing S08 and S06. Is there a mistake?

Answer 15:

Updated structural drawings have been issued with this Addendum 4 in Annex N – Revised Structural Drawings, and S03 and S04.

Question 16:

Section 3 of Appendix D on Page 23 of the RFP outlines the requirements for Public Relations and Communication Services which requires full time on-site representative(s). As the number of businesses and residents within the construction area and affected by construction activities is significantly less than that of other City Projects; would consideration be given to reduce the requirements of full the time position to a part time position/shared responsibility with other project staff?

Answer 16:

The Public Relations and Communications Services will be a full-time position. The City takes coordination and communications with businesses and residents very seriously. This area in particular is in close proximity to the VIA rail station, a very active funeral home, and the main entrance to a large cemetery. The expectation is that a proactive approach will be taken with all businesses, as we do not want any interruptions to things such as funerals. It is our past experience that if the coordination and communications services is not full-time and is not the only responsibility, then it becomes a secondary priority and is ultimately ignored.

Question 17:

With respect to the following note on drawing C01 "Portions of work are located within the flood plain of the little Cataraqui Creek. No additional fill material or stockpiling will be permitted outside of the approved areas of work delineated on Drawings C17 – C26": Please confirm that the referenced "approved work areas" are the property limits denoted on the identified drawings.

Answer 17:

The work limits are the right-of-way limits, both existing and new, as well as any other area that is identified on the drawings as requiring fill. The Conservation Authority Permit (contained in this addendum) stipulates the following:

"The Contractor shall ensure that no permanent placement of fill material falls below the 1:100-year floodplain of the Little Cataraqui Creek (78.1 m GSC upstream of CN rail line & 77.3m GSC on downstream side)."

Question 18:

Please confirm the requirements for "Facilitation of opening patios as soon as possible" listed on page 22 of 23 under Appendix D.

Answer 18:

The above is now removed from the RFP, section A. The Deliverables, 2. Risk Management, Site Security, and Mitigation, as per this Addendum 4.

Question 19:

Will the missing bearing elevations on drawings S06, S08 and S10 be provided for construction?

Answer 19:

Updated structural drawings have been issued with this Addendum 4 in Annex N – Revised Structural Drawings, and S03 and S04.

Question 20:

Should Annex A item L9 be split into 2 items? – As it is difficult to accurately price this item unless the quantities of both the 30 MPa and 0.7 MPa concrete is specified.

Answer 20:

The requirement for 30 MPa Concrete has been removed from the RFP, Annex A – Financial Proposal, Part L – Provisional Items, as per this Addendum 4. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 21:

For Annex A item L12 *[sic]* please provide City of Kingston Paid Duty Police Officer rates. On a competitive tender, should the City specify the Provisional Amount for this item?

Answer 21:

Item L11, Pay Duty Police Officer, in Annex A – Financial Proposal, Part L – Provisional Items, has been updated as per this Addendum 4 to specify a five-thousand-dollar (\$5,000) cash allowance for the provision of the Pay Duty Police Officer. The City will pay actual costs as invoiced by the Police Department for the Pay Duty Police Officer. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 22:

For Annex A item L13 *[sic]*, should the City specify the Provisional Amount for this item?

Answer 22:

Item L12, Extra Work Ordered by The City of Kingston, in Annex A – Financial Proposal, Part L – Provisional Items, has been updated to include a value of two million dollars (\$2,000,000). Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 23:

Can the City Provide a train schedule for VIA and CN traffic across the project site?

Answer 23:

On a typical day, VIA trains run between the hours of 6:00 a.m. and 11:30 p.m. local time. CN traffic is twenty-four (24) hours a day. A more detailed schedule will not be provided. Please refer to 2. Traffic Conditions in section B. Material Disclosures in Appendix D – RFP Particulars in the RFP for average number of trains per day.

Question 24:

The contract documents indicate that the hydro poles East of the CN Rail corridor have previously been relocated while the hydro poles West of the CN Rail corridor are to be relocated by Hydro One in the Spring of 2019. As the final location of these poles greatly impacts hoisting operations relating to the construction of the new John Blvd Bridge; would the City please provide contractors with a Hydro Pole Layout Plan to ensure conceptual hoisting plans are feasible?

Answer 24:

The Hydro One relocation of poles is between Stations 10+200 and 10+440. The Hydro One infrastructure east of Station 10+440 is not slated to be adjusted.

Question 25:

Under what item are contractors to be paid to remove the existing median and provide temp widening at the intersection of Taylor Kidd & Princess Street?

Answer 25:

Items A5, A7, A9, F12 and F13 in Annex A – Financial Proposal. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 26:

SPG 18-12 indicates that pedestrian traffic must be maintained at all times with a level surface separated from construction activity; even in areas where an existing sidewalk was not previously present. On this project maintaining a separated pedestrian sidewalk is not as easy as just placing construction fence; specifically in the area of the Catarauqui Creek crossing. In order to provide a separated pedestrian walkway contractors will need to span the creek with a temporary bridge or extend the large CSP culvert currently under John Counter Blvd. Is it the City's intent to stand by the Special Provision and have contractors provide a temporary creek crossing?

Answer 26:

It is the City's intent to stand by the special provision.

Question 27:

Can the City provide a timeline for when City Supplemental Conditions will be released to proponents, as referenced in Appendix A – Form of Agreement?

Answer 27:

Further information about the terms and conditions will be provided to the short-listed proponents for the preparation of their best-and-final-offer (BAFO) submission as described in section 2.5.2 Concurrent Negotiations and BAFO Process, in Part 2 of the RFP.

Question 28:

Can the owner confirm if there have been any discussions with CN regarding potential liquidated damages for impacts to CN tracks?

Answer 28:

The City has not had any discussion with CN relating to any impacts to the CN tracks. The City, through this RFP, is looking to engage with a proponent that has significant experience dealing with railways and, more specifically, dealing with CN Rail. We are looking to engage with a proponent that is well-versed on the risk associated with working in and around active rail line and has the ability to implement a sound risk management process that considers all aspects of the project. We expect that the proponent, through their experience, has a tried and true process that has been utilized on past projects successfully and will be able to modify it to this project in order to ensure a successful completion of this project.

Question 29:

Please provide a copy of CRCA Permit #F-424/17/LCC dated January 25, 2018 as referenced in SPG.5.06.

Answer 29:

CRCA Permit #F-424/17/LCC dated January 25, 2018, as referenced in SPG.5.06, is included with the posting of this Addendum 4.

Question 30:

Please provide document list for attachments provided with Addendum # 1 (issued December 20, 2018).

Answer 30:

The following files were posted with Addendum 1:

- Annex M - Final Report Stages 1 to 4_20180717
- Annex M - Golder Report CNR Overhead Crossing JCB Final March 2011
- Annex M - Golder Watermain 06-1120-354-300 Rpt-002 Final March 2011
- Annex M - Golder Bridge and Embankment March 2006
- Annex M - Soil Quality Investigation Letter_Final

Question 31:

I will need clarification for Part G – Street Lighting:

Item G1; request to supply 2 Handhole (460mm dia.) but on drawing No. E5 its says that street light P50 to P56 inclusive and all conduits/wiring south of STA 7+342 have been installed. Does it mean this include the 2 handhole?

Item G2; as a quantity of 55 but the street light on Portsmouth Ave have been already installed, it should be quantity of 48 instead of 55. Reference drawing No. E1 and E5.

For Item G3, G4 and G5, quantities should be revised to reflect correction on above question for Item G1 and G2.

The Street Light Poles located on structure (Bridge) reference drawing No. E4, E1, S24, need to know the BCD of the pole footing. There is no indication on drawing S24.

Answer 31:

Bolt Circle Diameter (BCD) is referenced on drawing S35 and further documented within SPSL.22 Pole Bases (Annex G – Special Provisions Traffic Signals & Street Lighting).

Question 32:

I will need clarification for Part F – Traffic:

In section F, there is no items line for the underground work such as cables; for Signal Head, Pedestrian Head, Push Button, Video Detection, Lights etc...

We need items line for Signal Head, Pedestrian Head, Push Button.

Classification of the Poles should be indicated such as, Joint Use Pole (ex: Street Light with Signal Head), PB Pole, Signal Pole

Item F3, F4 and F5 can be confusing because it shows as Pole Base with pole base dimensions.

Answer 32:

Utilities Kingston will be installing the wiring and above-ground infrastructure for the traffic signals and as indicated in Annex N – Drawings.

Question 33:

Please confirm which version of OPSS MUNI 100 is to be used for this Contract. Page 16 of Appendix A-Form of Agreement indicates that OPSS MUNI 100 2006, as updated in 2018 is to be used. However, throughout the RFP document there are references to clauses from the General Condition which appear to be from OPSS MUNI 100 2006. One specific example is on page 5 of Annex B which makes reference to GC 8.02.04.04. In the 2006 version of the GC's this clause is for Payment of Labour and in the 2018 version this clause is for Certification of Substantial Performance and as such does not align with the subject matter reference.

Answer 33:

We plan on using the new version of OPSS MUNI 100 November 2018, which was published in November 2018 as the baseline, in addition to the supplementals that will follow.

Question 34:

SPR. 2 of Annex C indicates that excavated material to be disposed of offsite is to be disposed of at a City owned site within the urban boundary west of the Cataraqui River; in order to calculate trucking costs will the City please specify where this City owned Site will be? Also; please confirm that the City will be responsible for maintenance of the Haul Road & Dump Site as contractors will not have had a chance to investigate the maintenance requirements.

Answer 34:

There are several City-owned sites that are being considered and these will be finalized in Stage IV – Concurrent Negotiations and BAFO. In preparing your submissions, proponents should assume that the City will be looking after all maintenance on the haul road and dumpsite.

Question 35:

SPST.11 refers to “Riverside Drive Overpass and Southeast Transitway Overpass Bridge Decks” - Please confirm this reference is typo and the scope of waterproofing is in fact for the new bridge deck.

Answer 35:

The above is now revised as per this Addendum 4, and SPST.11 BRIDGE DECK WATERPROOFING is updated to reference the John Counter Boulevard Overpass, which is to be waterproofed.

Question: 36

Please provide a definition of “Non-Peak Hours” for work requiring flagging as detailed on the staging drawings, noting specific work hours.

Answer 36:

Peak hours for this area are 7:30 a.m. to 9:00 a.m. and 4:00 p.m. to 5:30 p.m. All other times are considered "non-peak".

Question 37:

Removal of existing and temporary pavement markings is required at the east and west project limits to accommodate staging as shown on the staging drawings.

- a. How is this to be paid?
- b. Can an item be added?
- c. What removal method(s) will be acceptable to COK?

Answer 37:

These will be paid for by items A5, A7, A9, F12, and F13 in Annex A – Financial Proposal. No new items may be added. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 38:

The contractor is to allow for delivery of test cylinders to third party laboratory within 24 hours. Please confirm the location of the 3rd party laboratory (Will this lab be located locally in Kingston? If not then what City?)

Answer 38:

The laboratory will be located in the City of Kingston.

Question 39:

Is placement of topsoil required in locations of hydro seeding, items K1, K2 & K3. If yes than please clarify how this is to be paid for?

- a. new item or
- b. to be included in scope of existing item (if yes please confirm item)

Answer 39:

Topsoil will be required and is to be included in the unit rate.

Question 40:

The unit of measure for Asphalt Padding on the bid form is square metres (m²). The work will vary in thickness by definition. Can this provisional item be changed to per tonne pay item?

Answer 40:

The Unit of Item L13 in Annex A – Financial Proposal, Part L – Provisional Items has been revised to tonne (t), as per this Addendum 4. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 41:

Please provide clarification regarding scope of work and/or value of Item L12 - Extra Work Ordered by the City of Kingston. It appears to be a Contingency Item/Cash Allowance and if so please confirm value to be included in tender form by Bidders.

Answer 41:

Item L12, Extra Work Ordered by The City of Kingston, in Annex A – Financial Proposal, Part L – Provisional Items, has been updated to include a value of two million dollars (\$2,000,000. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 42:

SPR. 2 10) (a) states the fill hauled to the city owned site is to be end dumped.

Will Labour and Equipment be supplied by others to level, push up or compact this material?

Answer 42:

For the purposes of preparing their submissions, proponents should assume that this work will be completed by others.

Question 43:

SPPR. 12 refers to Cash Allowance to be included in Bid for Paid Duty Officer. Please clarify/define value to be included by bidders in financial proposal.

Answer 43:

Item L11, Pay Duty Police Officer, in Annex A – Financial Proposal, Part L – Provisional Items, has been updated as per this Addendum 4 to specify a five-thousand-dollar (\$5,000) cash allowance for the provision of the Pay Duty Police Officer. The City will pay actual costs as invoiced by the Police Department for the Pay Duty Police Officer. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 44:

SPG 28 01) (f) notes that the contractor is responsible to pay for service relocations where space conflicts occur:

(f) Where there exists a space conflict between the proposed sewer and existing gas services or water services, the Contractor shall arrange for water and gas service relocation at his own expense. No extension of time will be allowed for this work.

Which appears to be in direct conflict with article (e):

(e) If any existing underground plant within the lines of the proposed work interferes with the laying of the pipes, the Contractor shall at once notify the Contract Administrator in writing. The locality shall be passed over until satisfactory arrangements are made without any claims for damages or extra compensation arising from the delay. Where it is deemed necessary by the Contract Administrator to relocate this plant, the Contractor shall make the necessary arrangements with the owner of the plant. If the owner of the plant must carry out some work, the Corporation shall arrange to compensate the owner of the plant directly. If the Contractor must carry out some work, then this work shall be paid under the provisions of GC 3.10.

Will a cash allowance be added to the bid to address spatial conflicts with existing services and work to be carried out as part of this contract? If so please provide/define value to be carried in Financial Proposal.

Answer 44:

SPG 28 01) (f) refers to the actual cost of the contractor's staff to organize getting the owner of the plant onsite.

Question 45:

SPG. 18 012) States that "All Pedestrian traffic within the project limits must be maintained at all times. An area shall be created, maintained and signed which clearly provides a level surface which is separated from construction activity by way of an approved fence. This provision is required even in areas where an existing sidewalk was not previously present."

Please clarify intent/scope of work required for the duration of the contract. This requirement does not appear to be addressed in the current staging drawings. At a minimum please address the following in the response:

- a. Clarification of "level surface". Will gravel path be acceptable or will treatment be required to suit accessible pedestrian travel (ie: temp concrete sidewalk or rubber matting)
- b. Access requirements. (ie: Pedestrian Access required only to/from business locations, if so please list)
- c. Extents – Is intent of requirement to provide continuous Pedestrian access from East to West (+/- Portsmouth Avenue to Princess Street)?
- d. Treatment required at Rail Crossing –
- e. What type of fencing/delineation will be required?
- f. What type of surface treatment (infill) is to be used at track crossing should the pedestrian path not align with the current blocking?
- g. Treatment Required at Creek Crossing. Current staging drawings/culvert installation only allows space for two-way traffic and does not make any allowance for delineated pedestrian travel.
- h. Winter Maintenance and Snow Clearing. Will the winter maintenance (plowing, sanding, salting) by the City or by the Contractor?

Will an additional item/cash allowance be added to the financial proposal for this scope of work?

Answer 45:

With respect to the above:

- Compacted granular is acceptable
- Pedestrian access is to and from businesses, as well as east west through the site.
- All winter maintenance will be the responsibility of the contractor.
- The actual path will be left to the contractor to propose in their document.

Question 46:

Bid Item #G3, #G4 and #G5, please confirm if all materials, including steel poles, luminaires and arms, are to be supplied by City of Kingston, contractor is responsible for picking up and installation.

Answer 46:

SPSC has been modified to show these items are to be supplied by the contractor. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 47:

Bid Item #G6 and #G11, are these two items duplicated?

Answer 47:

Item G6 has been removed from Part G – Streetlighting, Annex A – Financial Proposal. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 48:

Is bid item #G8 duplicated with bid item #I25?

Answer 48:

Item G8 has been removed from Part G- Streetlighting, Annex A – Financial Proposal. Please refer to the UPDATED – Annex A – Financial Proposal issued with this Addendum 4, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.

Question 49:

There are 3 power supply cabinets and 1 traffic controller shown in the tender drawings but no bid item to cover them, please confirm if the power supply cabinet and the controller shall be supplied and installed by others.

Answer 49:

The power supply cabinets and controller are to be supplied and installed by Utilities Kingston.

Question 50:

Are concrete medians to be constructed on granular grade or on base asphalt with pins used to secure the slab? If on base asphalt will the asphalt be paid under the HDIBC items? Also, please provide Concrete Island Pinning Detail (DRG xxx as noted on page 4 Annex N).

Answer 50:

Please refer to Annex N – Concrete Island Dowels, included in this Addendum 4.

Additional Addendum 4 Notes

Included in this Addendum 4 are the following attachments:

- UPDATED – Annex A – Financial Proposal, which replaces Annex A – Financial Proposal from the RFP, and must be submitted as per 2.2 Stage I – Mandatory Submission Requirements in the RFP.
- UPDATED – Annex I – Special Provisions – Structures, which replaces Annex I – Special Provisions – Structures from the RFP.
- Annex L – CRCA Permit F-424/17-LCC, dated January 25, 2018
- Annex N – Drawings
 - Annex N – Revised Structural Drawings, and S03 and S04
 - Annex N – BP-1 (Apr 2015) Bus Pad
 - Annex N – Concrete Island Dowels
 - Annex N – Cut Reinstatement - Trench Restoration - Reinstatement Details - TRD 1
 - Annex N – D-183-M (Feb 2- 2016)
 - Annex N – DE-01(Feb 2016))No Purge)
 - Annex N – DE-02(Mar 07)(No Purge)
 - Annex N – JD-01-Concrete Sidewalk Joint Detail- Jan07
 - Annex N – M03-01-101-B - Concrete Footing for 241mm Base B
 - Annex N – SR-01 - Accessible Ramp - Curb face walk (June 2016)
 - Annex N – SR-02 - Accessible Ramp - Boulevard walk(June 2016)
 - Annex N – SR-03 - Accessible Ramp - Mid-Block crossing(June 2016)
 - Annex N – W03-03-105 Tracer Wire At Valve Box for PVC or CPP Watermain
 - Annex N – W03-03-114 Insulation of New watermain or service
 - Annex N – W03-116 Hydrant with Locate station (...continued on next page)

- Annex N – W03-03-120 Temp Swab Launch Test Detail
- Annex N – W03-03-121 Temp Swab-Retrieval-Test Detail.dwg
- Annex N – W03-03-122 Compound Operating Nut
- Annex N – W03-03-123 Cutting in New In-Line Valve Installation Cut-In Valve
- Annex N – W03-03-124 Tracer Anode placement

[End of Addendum 4]