

September 17, 2024

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ADDENDUM No. 5
REQUEST FOR TENDER No. Doc4728056984
SUBMISSION DEADLINE: 12:00 NOON (LOCAL TIME), SEPTEMBER 19, 2024
FOR: The Union Station - Front St. Partial Sidewalk
Waterproofing as well as the Procurement and Installation of Custom Anti-Terror
Concrete Barriers, Located at 65 Front St. W

Please refer to the above Request for Tender document in your possession and be advised of the following:

I. QUESTIONS

Q1 – Please confirm if the CT30 block foundation as noted on 1126-SY-GA-301 is the cast in place reinforced concrete pad, if possible, can a detail of this item be provided.

A1 – To clarify, the concrete shown is not required, as the existing transfer slab below is adequate for providing a suitable surface.

Q2 – Please confirm that the detail noted 1126-SY-GA-301 as G notes blinding layer, is this in addition to the above poured slab to be required to be provided as a mud slab low MPA mix?

A2 – Blinding layer, weak mix concrete is provided to protect the existing waterproofing.

Q3 – As per the PAS68 concrete block specification and townscapes website they note " this product requires a 100mm recess into the adjacent tarmac, concrete or paved surface", detail presently noted above on 1126-SY-GA-301 as D and G do not note a recess, only into the loose pavers, please confirm that this is sufficient.

A3 – Correct, the proposal is that the existing pavers and bedding is broken out, the trial pits confirmed the depth was suitable for recessing the blocks.

Q4 – As per the walkthrough, please confirm if we are to remove the shoring posts after our scope of work located in the heated moat or if that will be the cities requirement, as discussed please confirm if there are any concerns regarding the capacity of the slab when we are working above.

A4 – The City installed shoring posts as a precaution, as the extent of water damage to the slab cannot be determined until the existing sidewalk waterproofing is removed. If significant damage is found, the posts will remain in place until the concrete repairs are completed. The City will also handle their removal.

Q5 – As per specification 07 14 13 hot rubberized waterproofing, 2.1.8 and 2.1.19 there are requirements for insulation and asphalt protection board, please confirm what the makeup of the new waterproofing is as the drawings to specifications are unclear.

A5 – The insulation layer is not required, as it only applies to areas with glycol heating lines. However, the protection board is part of the specified system and is mandatory.

Q6 – Please also confirm what the existing waterproofing makeup is for the sidewalk as it must be ensured that no impact to the elevations occur between old and new

A6 – Based on the exploratory daylighting, there are no potential elevation issues between the existing waterproofing and the new membrane. However, the contractor is responsible for confirming the compatibility of the two systems.

Q7 – As per detail on 2 on A003 of the waterproofing drawings when scaled the current cab stand wall is 30" in width, please confirm that this is accurate.

A7 – We have assumed the wall to be 24" thick based on the old documentation.

Q8 – Can the height of the cab stand wall, noted on detail 2 on A003 be confirmed to ensure accurate pricing.

A8 – The back wall of the cab stand is 2.5 meters high, measured from the curb to the ceiling slab.

Q9 – As noted in question 1 of addendum 4, as it is not carried under the cash allowance, please confirm the hoarding and fencing requirements required to enclose the cab lane and our work area (phase 1 and 2) will this be jersey barriers with fencing, 6' temporary fencing or other for reference.

A9 – The existing Jersey barriers will either be removed by the City or relocated to enclose the lay-by, depending on what best suits the contractor's work site layout. There are no specific requirements for the type of hoarding, as long as it securely and safely separates the work area from public spaces.

Q10 – Per our contractor's recommendation, question 5 of addendum 4, as numerous holes will be drilled 20" apart from each other across the entire face of the wall scarring the wall, please confirm the 2nd half of the answer regarding repair spots is in reference to that note, or if entire parging should be conducted.

A10 – The 2nd half of the answer is in reference to that note. The design intention is to preserve as much of the original surface and texture as possible, addressing only the areas that were disturbed by drilling or other repairs.

Q11 – As per the pricing sheet, the cementitious crystalline waterproofing covers the injection holes, they normally proceed with a light sandblasted finish but the sheet notes a brush hammer finish, can this be confirmed.

A11 – The brush hammer finish is the heritage texture of the existing wall and it has to be restored (colour and texture) in the repaired areas to match.

Q12 – The pricing sheet notes repairing of 20 cracks in addition to all the crystalline and injection waterproofing works, the drawings currently note 1 large crack, if there is 20 can you provide the expected length of them to assume.

A12 – There is one large crack with delaminated concrete around it, which needs to be injected and the concrete repaired/reinstated. We have estimated approximately 20 other smaller cracks with a total length of about 8 meters, some of which may already have been remediated.

Q13 – As per question 3 of addendum 4, as stone masonry is a part of the first phase of the project and will require full completion (including grouting) prior to the start of phase 2 and as these items are affected by cold weather these items will not be able to begin until roughly May 2025. Also, as per the question we agree and have no issues with doing the injection waterproofing in the heated space during the winter starting in February 2025 due to facility restrictions.

A13 – We want to emphasize that the stone grouting can be applied at a later time, well after the stone installation is completed (with the stones securely anchored to the steel supports). This can be done whenever weather conditions permit, and certainly before May 2025. Alternatively, if weather constraints are a concern over a long period, a different grouting product may be considered.

Q14 – As a substantial amount of the work will be unable to be started until the spring/summer weather due to weather and lead time delays Q2 2025 will be largely unachievable, due to the liquidated damages we are requesting that the substantial completion be noted as end of Q3 2025 - September 2025 and thus liquidated damages not coming into affect until after this date as this would be a large cost incurred, or removed altogether.

A14 – Stone grouting is not a substantial task and, as mentioned earlier, can be done at any later time. The rest of the project can proceed regardless of weather conditions. Considering the lead time, we recommend early procurement of the blocks (lead time is approximately 10-12 weeks, including shipping). We view the end of Q2 2025 as a reasonable timeframe.

Should you have any questions regarding this addendum send via the event message board or contact Max Parker at max.parker@toronto.ca.

Suppliers must acknowledge receipt of all addenda in the space provided on Part 4 – Submission Form as per Part 1 Tender Process, Section 1 RFT Specific Process and Submission Instructions, Item 1.7 – Addenda, of the Tender document. All other aspects of the Tender remain the same.

Yours truly,

Theodoros Maicantis, Supervisor
Corporate Services and Finance & Treasury Group
Purchasing Client Services
Purchasing & Materials Management Division