



## **Trillium Line Extension Project**

**Completeness Review Team Summary to Bid Evaluation Steering Committee (BESC)**

August 16, 2018

Final

**Section 1.0 Executive Summary**

At the conclusion of the Completeness Review Team sessions from Monday, August 13<sup>th</sup> to Friday, August 17<sup>th</sup>, 2018 all three bids were deemed complete.












The Completeness Review team followed the checklist attached in Appendix A, B and C to evaluate the proposals of Trillium Extension Alliance [TEA], TransitNEXT [TNext] and Trillium Link [TLink] respectively.








**Section 2.0 Completeness Review Summary Notes**

| Proponent Bid Submission                  | Notes on Submission Completeness  |
|---|---|
| <p><b>Trillium Extension Alliance</b></p> | <ul style="list-style-type: none"> <li>- Complete;</li> <li>- Hard copies conformed to page count;</li> <li>- Page count was met for hard copy, however due to formatting issues in the native Word file they did not meet page counts, printed version takes precedence ultimately;</li> <li>- PDF files were not submitted electronically, RFC sent to get PDF hard copies and since successfully received;</li> <li>- Updated PDFs deemed complete after review on August 16<sup>th</sup>;</li> <li>- Met the number of required hard copies and USBs;</li> <li>- Excess number of copies for General Submission removed (seven were submitted, four were required);</li> <li>- No financial information submitted;</li> </ul> |

|                             |   |
|-----------------------------|---|
| <p><b>TransitNEXT</b></p>   | <ul style="list-style-type: none"> <li>- Complete;</li> <li>- Hard copies did not conform to page count in Geotechnical Report and SIMP sections. After discussion with the Bid Evaluation Steering Committee and Fairness an RFC was issued asking the Proponent to identify which pages were in excess of the page count;</li> <li>- Excess pages existed as a result of having graphic on the back of divider tabs, removed when the instance occurred;</li> <li>- Excess number of pages were removed after the page limit was reached on all accounts;</li> <li>- Met the number of required hard copies and USBs;</li> <li>- No financial information submitted;</li> </ul> |
| <p><b>Trillium Link</b></p> | <ul style="list-style-type: none"> <li>- Complete;</li> <li>- Met the number of required hard copies and USBs;</li> <li>- Page limits were not exceeded in either hard copy or electronic version;</li> <li>- No financial information submitted, cost information regarding Early Works to be removed;</li> <li>- A few sections where we could not observe if a certain drawing feature (visualizations) were included, made note and sent RFC and received response.</li> </ul>  |

**Section 3.0 Requests for Clarification [RFCs] Log:**

| Proponent Bid Submission | Issued RFC  | Date Issued     | Date Received   | Files  |
|--------------------------|---|-----------------|-----------------|--|
| <b>TEA</b>               | <b>TEA-001:</b> Schedule 7 – Certificate of Officer   | August 15, 2018 | August 15, 2018 |  TRI_Request for<br>Clarification_TEA-001.<br> TRI_Request for<br>Clarification_TEA-001      |
|                          | <b>TEA-002:</b> Schedule 3 Part 3 – PDF file formats  | August 15, 2018 | August 16, 2018 |  TRI_Request for<br>Clarification_TEA-002.<br>[Response: PDFs submitted via USB]  |
|                          | <b>TEA-003:</b> Schedule 6 – Proponent Team Member Declaration  | August 16, 2018 | August 16, 2018 |  TRI_Request for<br>Clarification_TEA-003.<br> TRI_Request for<br>Clarification_TEA-003      |
| <b>TNext</b>             | <b>TN-001:</b> Schedule 6 – Proponent Team Member Declaration   | August 15, 2018 | August 15, 2018 |  TRI_Request for<br>Clarification_TN-001.d<br> TRI_Request for<br>Clarification_TNext-00     |
|                          | <b>TN-002:</b> Clarification regarding location of Schedule 3, Part 1, Section 2.3 (1) (b) (v) is in submission | August 15, 2018 | August 16, 2018 |  TRI_Request for<br>Clarification_TN-002.d<br> TRI_Request for<br>Clarification_TNext-00   |
|                          | <b>TN-003:</b> General Technical Submission 1.7 and 2.2   | August 17, 2018 | August 17, 2018 |  TRI_Request for<br>Clarification_TN-003.d<br> TRI_Request for<br>Clarification_TNext-00 |

| Proponent Bid Submission | Issued RFC   | Date Issued     | Date Received   | Files  |
|--------------------------|--|-----------------|-----------------|--|
| <b>TLink</b>             | <b>TL-001:</b> Schedule 6 Proponent Team Member Declarations                           | August 16, 2018 | August 16, 2018 |  TRI_Request for Clarification_TL-001.doc<br> TRI_Request for Clarification_TL-001_Rf  |
|                          | <b>TL-002:</b> Schedule 5 Participant Conflict Screening List                          | August 16, 2018 | August 16, 2018 |  TRI_Request for Clarification_TL-002.doc<br> TRI_Request for Clarification_TL-002_Rf<br><br> TRI_Request for Clarification_TL-002_Rf |
|                          | <b>TL-003:</b> Section 2.2 (E)(v) – Visualizations displaying character of the project | August 16, 2018 | August 15, 2018 |  TRI_Request for Clarification_TL-003.doc<br> TRI_Request for Clarification_TL-003_Rf  |

**Section 3.1 RFC Summary**

| Proponent  | Issued RFC   | Question  | Response  |
|------------|--|---|---|
| <b>TEA</b> | <b>TEA-001:</b> Schedule 7 – Certificate of Officer            | Additional information on two proceedings (against Colas Canada Inc.) in which the Proponent provided no update | Additional information provided and determined to be sufficient |
|            | <b>TEA-002:</b> Schedule 3 Part 3 – PDF file formats           | Provide additional PDF formats  | Provided on August 16 <sup>th</sup> with USBs                   |
|            | <b>TEA-003:</b> Schedule 6 – Proponent Team Member Declaration | No Team Member Declaration for Gowling WLG  | Confirmed, not a Team Member                                    |

| Proponent    | Issued RFC  | Question   | Response  |
|--------------|---|--|---|
| <b>TNext</b> | <b>TN-001:</b> Schedule 6 – Proponent Team Member Declaration   | No Team Member Declaration for: Altus Group; INTECH Risk Management GmbH; and Lunas Visualization.             | Confirmed, not Team Members   |
|              | <b>TN-002:</b> Clarification regarding location of Schedule 3, Part 1, Section 2.3 (1) (b) (v) is in submission | Clarification where the response required by RFP Schedule 3, Part 1, Section 2.3 (1) (b) (v) is in submission. | Detailed in Section 1.7(a)  |
|              | <b>TN-003:</b> General Technical Submission 1.7 and 2.2   | Removal of SIMP and Geotechnical Investigation as both sections are over the allowable page limit              | To not evaluate the draft SIMP and the first three and the last three pages of the Supplementary Geotechnical Investigation |
| <b>TLink</b> | <b>TL-001:</b> Schedule 6 Proponent Team Member Declarations  | No Team Member Declaration for: Westbridge Consulting or Harry Saporta Consulting                              | Confirmed, not Team Members   |
|              | <b>TL-002:</b> Schedule 5 Participant Conflict Screening List   | Schedule 5, no Participant listed for Bank of Nova Scotia or GRC Architects Inc.                               | Provided an updated Schedule 5 for Conflict of Interest Check   |
|              | <b>TL-003:</b> Section 2.2 (E)(v) – Visualizations displaying character of the project                          | Clarify where the visualizations required by Section 2.2(1)(e)(v) are in your submission.                      | In binder vol. 2A Mainline Drawings, first set of plans after the "Urban Design and Landscape Architecture Drawings"        |

**Appendix A - Completeness Review Team Checklist**

Trillium Extension Alliance [TEA] Working Documents

|  |  |
|--|--|
| <b>Applicant:</b>                                    | <b>Trillium Extension Alliance [TEA]</b>   |
|  |  |
| <b>Submission Opening Room:</b>                      | Ogilvy Boardroom   |
| <b>Date / Time Record for Receipt of Submission:</b> | Friday, August 10 <sup>th</sup> , 2018; 10:18AM  |
| <b>Date of Submission Opening:</b>                   | August 13, 2018  |
| <b>Time of Submission Opening:</b>                   | 9:49AM EST (Box 1 of 5 Part A: General Submission for Conflict of Interest Check)<br>1:03PM EST (remaining boxes for Completeness Check) |
|  |  |
| <b>Participants Present at Opening:</b>              | Emily Marshall-Daigneault, City of Ottawa  |
|  | Chris Gillcash, City of Ottawa [Conflict Review Team]  |
|  | Catherine Burden, City of Ottawa [Conflict Review Team]  |
|  | Katelyn Kornelson, City of Ottawa  |
|  | Benedict Wray, Norton Rose Fulbright   |
|  | Michael Harvey, Deloitte   |
|  |  |
|  |  |
| <b>Correct no. of copies submitted (Y/N):</b>        | Yes – excess number of copies for General Submission removed (seven were submitted, four were required)                                  |
| <b>Confirmation: financial information not</b>       | Confirmed  |



|                                   |   |
|-----------------------------------|---|
| included in technical submission. |   |
| Comments                          | <ul style="list-style-type: none"> <li>- If they are in excess of the page limits, the excess pages will need to be removed. As per the RFP, cannot evaluate additional pages</li> <li>- Removal of the three excess copies of design submissions</li> <li>- Page limits for appendices – can use 11x17” where appropriate, like org charts, etc. – as TEA provided those appendices in separate packages, they are not to be counted towards section page counts</li> <li>- Electronic submissions do not include PDF versions, only native file formats (MS Word). An RFC was issued for PDFs and they were checked for completeness on August 16<sup>th</sup>.</li> <li>- Native file formats are not within the page limit – font and formatting make the number of pages greater than the page limit, hard copy takes precedence.</li> </ul> |

| CONFLICT CHECK PROCESS  |  | (YES/NO) | Comments |
|---|--|----------|----------|
| Appendix A  | Completeness Review Team to list the Proponent Team Members and related entities for each of the submitted bids  | YES      |          |
| Appendix B  | Each member of the Completeness Team, Conflict of Interest Team completes Appendix B declarations and signs Undertaking  | YES      |          |
| Confirmation from Fairness, Legal to begin Completeness Check | Fairness and Legal review Appendix B for Conflict of Interest Team and Completeness Team to ensure members are not conflicted out of process; confirmation to continue with completeness | YES      |          |

**High-Level Inclusion Check:**

| <b>A. PROPOSAL SUBMISSION FORMS &amp; DECLARATIONS</b> |   | <b>(YES/NO)</b> | <b>Comments</b>   |
|--|---|-----------------|---|
| RFP Schedule 4   | Proposal Submission Form  | YES             |   |
| RFP Schedule 5   | Participant Conflict Screening List   | YES             |   |
| RFP Schedule 6   | Proponent Team Member Declaration for each Proponent Team Member;                       | YES             |   |
| RFP Schedule 7   | Proponent Prime Team Member Certificate of Officer for each Proponent Prime Team Member | YES*            | *Assuming that all Prime Team Members referenced in Project RFQ are included as signed Officers |
| RFP Schedule 9A  | Proponent Standby Letter of Credit  | YES             |   |
| RFP Schedule 11  | Proponent Proposal Submission Checklist   | YES             |   |
| <b>B. TECHNICAL SUBMISSION</b>                         |   | <b>(YES/NO)</b> | <b>Comments</b>   |
| <b>1.0 GENERAL TECHNICAL SUBMISSION</b>                |   |                 |   |
| 1.1  | Project Management Plan   | YES             |   |
| 1.2  | Integrated Management System  | YES             |   |
| 1.3  | Environmental Management Plan   | YES             |   |
| 1.4  | Construction Communications and Stakeholder Engagement                                  | YES             |   |
| 1.5  | Works Schedule PBS-1  | YES             |   |
| 1.6  | Risk Management Plan  | YES             |   |
| 1.7  | Systems Integration Management Plan (SIMP)  | YES             |   |
| 1.8  | Early Works Agreement   | YES             | *Agreement not provided with Schedule 12, but intent confirmed                                  |
| <b>2.0 DESIGN SUBMISSION</b>                           |   | <b>(YES/NO)</b> | <b>Comments</b>   |
| 2.1  | Civil and Guideway Design Submission  | YES             |   |
| 2.2  | Utilities, Geotechnical, Drainage and Stormwater Management, Urban Design,              | YES             |   |

|  |  |                 |                 |
|--|--|-----------------|-----------------|
|  | Landscape Architecture   |                 |                 |
| 2.3  | Systems Design Submission  | YES             |                 |
| 2.4  | Stations Design Submission   | YES             |                 |
| 2.5  | New Walkley Yard Design Submission   | YES             |                 |
| 2.6  | New Vehicle Fleet Design Submission  | YES             |                 |
| 2.7  | Airport Link   | YES             |                 |
| 2.8  | System Safety and Security Construction  | YES             |                 |
| 2.9  | Dows Lake Tunnel Design Submission   | YES             |                 |
| <b>3.0 CONSTRUCTION SUBMISSION</b>                   |  | <b>(YES/NO)</b> | <b>Comments</b> |
| 3.1  | Emergency Response Plan  | YES             |                 |
| 3.2  | Traffic and Transit Management Plan and Construction Access Management Plan  | YES             |                 |
| 3.3  | Construction Management Plan   | YES             |                 |
| 3.4  | Testing and Commissioning Plan   | YES             |                 |
| 3.5  | Health and Safety Certification  | YES             |                 |
| 3.6  | Lane Closure Target Letter and Traffic Mobility Management Plan (Lanes)  | YES             |                 |
| <b>4.0 MAINTENANCE AND REHABILITATION SUBMISSION</b> |  | <b>(YES/NO)</b> | <b>Comments</b> |
| 4.1  | Maintenance and Rehabilitation Approach to Part 1 of Schedule 15-3 of the Project Agreement;   | YES             |                 |
| 4.2  | Maintenance and Rehabilitation: Approach to Appendix A of Schedule 15-3 of the Project Agreement;  | YES             |                 |
| 4.3  | Maintenance and Rehabilitation: Approach to Appendix B of Schedule 15-3 of the Project Agreement; and                                      | YES             |                 |
| 4.4  | Maintenance and Rehabilitation: Approach to Appendix C of Schedule 15-3 of the Project Agreement and Schedule 23 of the Project Agreement. | YES             |                 |

| C. FINANCIAL SUBMISSION |                                    | (YES/NO) | Comments          |
|-------------------------|------------------------------------|----------|-------------------|
| 1                       | Total Submission Price             | NO       | Not yet submitted |
| 2                       | Quality of Proposed Financing Plan | NO       | Not yet submitted |
| RFP Schedule 8          | Price Form                         | NO       | Not yet submitted |

| COPIES AND PAGE NUMBERS |  | # of Printed Copies     | (YES/NO) | Comments |
|-------------------------|--|-------------------------|----------|----------|
| 1.                      | General Technical Submission (Section 1.0 of Part B)   | 1 original and 7 copies | YES      |          |
| 2.                      | Design Submission (Section 2.0 of Part B)  | See Below               |          |          |
|                         | <b>Written Design Submissions:</b> The written portion of the Design Submission is to be provided in standard 3-ring loose-leaf binders together with the Design Drawing Submissions (as defined below), which are not to be mounted on presentation boards. | 1 original and 7 copies | YES      |          |
|                         | <b>Design Drawings Submissions:</b> The drawings portion of the Design Submission is to be provided in two bound sets of half-size drawings, to scale, in colour where colour coded or rendered, printed on A3 (11"x17") size paper.                         | -                       | -        | -        |
|                         | Mainline Drawing Submission  | 1 original and 7 copies | YES      |          |
|                         | Airport Link Drawing Submission  | 1 original and 7 copies | YES      |          |
| 3.                      | Construction Submission (Section 3.0 of Part B)  | 1 original and 7 copies | YES      |          |
| 4.                      | Maintenance and Rehabilitation Submission (Section 4.0 of Part B)  | 1 original and 7 copies | YES      |          |

| <b>ELECTRONIC COPIES AND PAGE NUMBERS</b> |   | (YES/NO) | Comments          |
|---|---|----------|-------------------|
| 1.  | <p><b>Five packages</b>, one clearly marked “original”, each including the following:</p> <ul style="list-style-type: none"> <li>(i) Part C – Financial Submission;</li> <li>(ii) RFP Schedule 8 - Price Form; and</li> <li>(iii) draft Lane Closure Target Letter</li> </ul> | NO       | Not yet submitted |
| 2.  | <p>Part A – General Submission</p> <p><b>Three portable hard drives</b>, or USB flash drives, containing Part A in PDF format and in editable native file format</p>  | YES      | 3 USBs submitted  |
| 3.  | <p>Part B – Technical Submission</p> <p><b>Five portable hard drives</b> or USB flash drives containing Part B in PDF format and in editable native file format</p>   | YES      | 5 USBs submitted  |

---

|    |   |    |                   |
|----|---|----|-------------------|
| 4. | Part C – Financial Submission<br><b>Four portable hard drives</b> or USB flash drives containing Part C in PDF format and in editable native file format. For clarity, the portable hard drives or USB flash drives shall also contain the Financial Model which shall have the Price Form embedded within. | NO | Not yet submitted |
|----|---|----|-------------------|

| Applicant:           |  | Trillium Extension Alliance [TEA] |    |  |
|----------------------|--|-----------------------------------|----|--|
| Technical Submission | Completeness Requirements  | Met                               |    | Comments   |
|                      |  | Yes                               | No |  |
| 1.0                  | General Technical Submission   | Yes                               |    | - Excess of three copies of general submission removed                 |
| 1.1                  | Project Management Plan (maximum of 30 pages, excluding curriculum vitae)  | Yes                               |    |  |
| 1.1.1                | General Approach – Project Management Plan   | Yes                               |    |  |
|                      | <p>(1) The Proponent shall submit its approach to its team organization, structure and processes, communications and engagement, and integration of team members.</p> <p>(i) the Proponent’s approach for developing and maintaining a successful partnership and managing the interfaces with the Sponsor;</p> <p>(ii) the Proponent’s approach to maximizing integration of the activities of the Proponent Team Members;</p> <p>(iii) the Proponent’s approach to the design development process including working in collaboration;</p> <p>(iv) the Proponent shall ensure that the applicable stakeholders and Government Authorities’ requirements are incorporated into design work to be reviewed through the Schedule 10 – Review Procedure;</p> <p>(v) the Proponent’s approach to design and construction staging and how the staging matches into the draft Proposed Works Schedule and draft Interim Works Schedule;</p> <p>(vi) an organization chart clearly indicating the Proponent’s team structure including all management staff;;</p> <p>(vii) a description of the Proponent’s approach to managing the resources of the Proponent, as Project Co;</p> <p>(viii) the Proponent’s approach for integrating and co-ordinating the activities of the Project Co Representative and Sponsor;</p> | Y                                 |    | *The electronic native version submitted did not match printed or PDFs |

| Applicant:           | Trillium Extension Alliance [TEA]   |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
|                      | (ix) a description of the Proponent’s approach to internal decision-making and internal reporting mechanisms; and   | Y   |    |          |
|                      | (x) a list of Key Individuals as detailed in Schedule 9 of this Project Agreement, to include a curriculum vitae for each Key Individual highlighting each individual’s experience and including information about his or her role; | Y   |    |          |
|                      | (2) Intentionally Deleted   |     |    |          |
|                      | (3) Coordination with Maintenance Contractors and other Third Parties   |     |    |          |
|                      | (a) The Proponent shall describe its project management strategy for assuming responsibility for the Existing Trillium Line and Existing Vehicle Fleet on commencement of the Trillium Line Shut-Down.                              | Y   |    |          |
|                      | (b) The Proponent shall describe its project management strategy for the coordination of design, construction and maintenance with ongoing operations across the VIA/Ellwood and CN/Walkley diamonds.                               | Y   |    |          |
|                      | (c) The Proponent shall describe its project management strategy for adhering to the City’s Third Party agreements with CP, VIA, CN, NRC and the OMCIAA.  | Y   |    |          |
|                      | (4) Permits, Licences, Approvals and Agreements Strategy  |     |    |          |
|                      | (a) a detailed description of its planned approach to obtain all Permits, Licences, Approvals and Agreements in a timely way  | Y   |    |          |
|                      | (b) a detailed description of any additional required Permits, Licences, Approvals and Agreements not contained within  | Y   |    |          |





| Applicant:           | Trillium Extension Alliance [TEA] |   |     |    |          |
|----------------------|-----------------------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements         |   | Met |    | Comments |
|                      |                                   |   | Yes | No |          |
|                      | (f)                               | Testing and Inspection  | Yes |    |          |
|                      | (g)                               | The Proponent shall submit their approach to inspection and testing for all on-site and off-site inspection and test activities for the Works that would be included in the Construction Management Plan (“CMP”). This inspection and testing approach shall include: | Yes |    |          |
|                      | (i)                               | a description of the inspection, testing and monitoring activity;   | Yes |    |          |
|                      | (ii)                              | a description of the frequency of inspections, tests and monitoring;  | Yes |    |          |
|                      | (iii)                             | reference to standards, codes, specifications, and acceptance criteria;   | Yes |    |          |
|                      | (iv)                              | a list of reports and checklists required;  | Yes |    |          |
|                      | (v)                               | quality assurance review and witness and hold points;   | Yes |    |          |
|                      | (vi)                              | a description of the frequency of geotechnical instrumentation monitoring and adherence to acceptance criteria;   | Yes |    |          |
|                      | (viii)                            | a description of the Proponent’s strategy to address the testing requirement of Part 4 of Schedule 17 Environmental Obligations ; and   | Yes |    |          |
|                      | (ix)                              | a description of the Proponent’s strategy to address the requirements of Schedule 11 – Integrated Management System Requirements.   | Yes |    |          |

| Applicant:           | Trillium Extension Alliance [TEA]   |   |    |  |
|----------------------|---|---|----|--|
| Technical Submission | Completeness Requirements   | Met   |    | Comments   |
|                      |   | Yes   | No |  |
| 1.3                  | Environmental Management Plan (maximum of 20 pages, excluding (1)(I))   | YES   |    | Hard copy does meet the page limit, electronic is 13 pages over.   |
|                      | <p>(1) The Proponent shall submit a draft Environmental Management Plan that clearly demonstrates the Proponent’s approach to meeting the requirements of Schedule 17.</p> <p>(a) Demonstrate understanding, commitment, capability and approach</p> <p>(b) Provide a narrative on the approach in developing and meeting the requirements of an Environmental Awareness and Education Plan</p> <p>(c) Intentionally Deleted</p> <p>(d) Define and describe processes for monitoring and reporting on environmental obligations with a description of the pertinent environmental processes to be undertaken by the Proponent during all phases of the Project,.</p> <p>(e) Describe the Proponent’s strategy for the management, remediation and/or removal of existing contamination as described in, or inferable from, the Environmental Reports.</p> <p>(f) Describe the Proponent’s strategy for the management of excavated and imported materials during the Project.</p> <p>(g) Describe the Proponent’s strategy for assessing and mitigating noise and vibration impacts during the Project Term.</p> <p>(h) Identification of key environmental considerations affecting design and construction and mitigation measures to ensure compliance with the Project Agreement.</p> | <p>Y</p> <p>Y</p> <p>N/A</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> |    | <p>*The electronic native version submitted did not match printed or PDFs</p> <p>The header for (g) in this section of the submission is the language from (f)</p> |

| Applicant:           | Trillium Extension Alliance [TEA]  |     |    |  |
|----------------------|--|-----|----|--|
| Technical Submission | Completeness Requirements  | Met |    | Comments   |
|                      |  | Yes | No |  |
|                      | (i) Intentionally Deleted<br>(j) Describe the approach to the coordination/integration of the environmental strategy with the Project Sustainability Plan.<br>(k) Describe the approach to the coordination/integration with the Integrated Management System defined in Project Agreement Schedule 11.<br>(l) Identify resources, roles, responsibilities, authority, and reporting structure within the environmental team.  | N/A |    |  |
| 1.4                  | Construction Communications and Stakeholder Engagement (maximum of 10 pages)   | YES |    |  |
|                      | (1) Intentionally Deleted<br>(2) Intentionally Deleted<br>(3) Intentionally Deleted<br>(4) The Proponent shall address the Communications and Stakeholder Engagement Obligations as set out in or otherwise referenced in Schedule 18.<br>(a) A narrative that highlights the anticipated working relationships within the Proponent team for communications and stakeholder engagement.<br>(b) A framework for key elements of the Proponent’s responsibilities, as identified in Schedule 18 - Communications and Stakeholder Engagement Obligations.<br>(c) A description of how the Proponent team plans to link its risk management plan with the communications and engagement strategy; |     |    | *The electronic native version submitted did not match printed or PDFs |

| Applicant:           | Trillium Extension Alliance [TEA]   |   |    |   |
|----------------------|---|---|----|---|
| Technical Submission | Completeness Requirements   | Met   |    | Comments  |
|                      |   | Yes   | No |   |
|                      | (d) The City will lead on a number of communications and stakeholder engagement activities, the Proponent shall provide a description of the Proponent’s ability to support the Sponsor’s responsibilities.   | y   |    |   |
| 1.5                  | Works Schedule PBS-1 (maximum of 10 pages excluding PBS-1)  | YES   |    |   |
|                      | <p>(1) The Proponent shall submit a PBS-1 Works Schedule in accordance with the requirements of the Project Agreement</p> <p>(a) Provide a printed copy of the PBS-1 Works Schedule in accordance with Schedule 12 – Works Scheduling Requirements.</p> <p>(b) PBS-1 submission shall not include any cost loading information</p> <p>(c) Describe the critical path and critical path activities</p> <p>(d) Describe Proponents approach to managing design submissions</p> <p>(e) Describe the Proponent’s approach to meeting the project timelines.</p> <p>(2) The PBS-1 Works Schedule is to include the following:</p> <p>(a) Identification of the Secondary Works Milestone “NRC Commencement of Shutdown”</p> <p>(b) Identification of the Secondary Works Milestone “NRC Completion of Shutdown”</p> <p>(c) Identification of the resultant 6-month period during which the NRC would not be permitted to move freight to their facility.</p> | <p>y</p> <p>y</p> <p>y</p> <p>y</p> <p>y</p> <p>y</p> <p>y</p> <p>y</p> <p>y</p> <p>y</p> |    | <p>*The electronic native version submitted did not match printed or PDFs</p> |

| Applicant:           |   | Trillium Extension Alliance [TEA] |    |   |
|----------------------|---|-----------------------------------|----|---|
| Technical Submission | Completeness Requirements   | Met                               |    | Comments  |
|                      |   | Yes                               | No |   |
|                      | <p>(d) The 6-month period identified by Section 1.1.1(1)(a), 1.1.1(1)(b), and 1.1.1(1)(c) will be communicated to the NRC and will be added as a contractual requirement in the Project Agreement.</p> <p>(e) Identification of a 9-month period during which the OMCIAA will be required to cease operations at their Loading Dock. This 9-month period will be communicated to the OMCIAA and will be added as a contractual requirement in the Project Agreement.</p> <p>(f) A detailed schedule of design and construction as it relates to the Airport Station to facilitate early co-ordination with the OMCIAA. Key dates and timeframes for information sharing, design review and stakeholder input should be included.</p> <p>(g) Identification of important design and construction dates related to City provided project components such as, Systems Integration tasks, public art and the fare control system.</p> | y                                 |    | Unable to fully assess period identified in Section 1.5, subject to Conformance |
|                      |   | y                                 |    |   |
|                      |   | y                                 |    |   |
|                      |   | y                                 |    |   |
| 1.6                  | Risk Management Plan (maximum of 10 pages – excluding Risk Register)  | YES                               |    |   |
| 1.6.1                | Overall Approach to Risk Management   | YES                               |    |   |
|                      | <p>(1) The Proponent shall provide a detailed narrative that outlines the Proponent’s risk management approach and methodologies.</p> <p>(a) How risks will be identified, assessed, responded to, and monitored throughout the Project.</p> <p>(b) Categories and definitions to be used in support of qualitative analysis of risks.</p>  | Yes                               |    | *The electronic native version submitted did not match printed or PDFs          |

| Applicant:           | Trillium Extension Alliance [TEA]  |     |    |  |
|----------------------|--|-----|----|--|
| Technical Submission | Completeness Requirements  | Met |    | Comments   |
|                      |  | Yes | No |  |
|                      | (c) Tools and techniques to be used for quantitative analysis of risks.<br><br>(d) How contingency and/or mitigation plans will be developed, implemented, and monitored.<br><br>(e) How the Proponent’s Risk Management process will be integrated with Proponent Team Members.   | Yes |    |  |
| 1.6.2                | Initial Risk Assessment and Planning   | YES |    |  |
|                      | (1) The Proponent shall provide a detailed narrative that outlines the Proponent’s understanding of the risks and challenges specific to the Project.  | Yes |    | *The electronic native version submitted did not match printed or PDFs |
| 1.6.3                | Risk Register (no page limit)  | YES |    |  |
|                      | (1) The Proponent shall provide a detailed risk register that identifies:<br><br>(a) Project risk items.<br><br>(b) Probability/likelihood of such risks manifesting themselves on the Project.<br><br>(c) Potential severity of impact to Project objectives should such risks occur.<br><br>(d) Triggering events or root causes.<br><br>(e) Ability to predict or control occurrence.<br><br>(f) Timeline horizon (i.e. near-term, mid-term, or long-term).<br><br>(g) Response strategy and mitigation plans for managing each | Yes |    | *The electronic native version submitted did not match printed or PDFs |
|                      |  | Yes |    |  |
|                      |  | Yes |    |  |
|                      |  | Yes |    |  |
|                      |  | Yes |    |  |
|                      |  | Yes |    |  |
|                      |  | Yes |    |  |

| Applicant:                   |   | Trillium Extension Alliance [TEA] |    |  |
|------------------------------|---|-----------------------------------|----|--|
| Technical Submission         | Completeness Requirements   | Met                               |    | Comments   |
|                              |   | Yes                               | No |  |
|                              | risk.<br>(h) Residual risk assessment after implementation of response and/or a mitigation plan.<br>(i) Regularity of reassessment (i.e. monthly, quarterly, annually; or after a particular Project event or milestone).   | Yes<br>Yes                        |    |  |
| 1.7                          | Systems Integration Management Plan (SIMP) (maximum of 30 pages)  | Yes                               |    | The hard copy is exactly 30 pages with the appendices, the electronic version is over. |
|                              | (1) The Proponent shall provide a SIMP which includes:<br>(a) A high-level description of how the systems will be integrated along the alignment with the stations and infrastructure and how the system will be integrated with Stage 1, including updates to the head-end management platform at the TOCC/BCC, and ;<br>(b) A preliminary schedule of normal Systems Integration activity including high-level dependency task durations of City Parties where work done is being done by others. | Y<br>Y                            |    | *The electronic native version submitted did not match printed or PDFs                 |
| 1.8                          | Early Works Agreement   | YES                               |    |  |
|                              | (1) If the Proponent chooses to proceed with the portion of the Works (the “Early Works”) described in Appendix 1 of Schedule 12 to this RFP, the Proponent shall provide the Early Works Agreement in accordance with Section 9.2(4) of the Main Body to this RFP.   | Y                                 |    | *The electronic native version submitted did not match printed or PDFs                 |
| <b>2.0 DESIGN SUBMISSION</b> |   |                                   |    |  |



| Applicant:           | Trillium Extension Alliance [TEA]   |  |     |  |
|----------------------|---|--|-----|--|
| Technical Submission | Completeness Requirements   | Met  |     | Comments   |
| 2.1                  |   | Civil and Guideway Design Submission (maximum of 50 pages)   | Yes |  |
|                      | <p>(1) The Proponent shall address the guideway design as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, and shall provide a narrative statement describing the alignment design that includes:</p> <ul style="list-style-type: none"> <li>(a) A geometric design brief that outlines horizontal and vertical alignment envelope criteria and lists the features of all alignment segments to confirm that the geometric criteria of the Output Specifications have been met.</li> <li>(b) A description of the rationale for the approach alignment into the Stations.</li> <li>(c) A description of the rationale for and preliminary details of transitions between the various guideway types.</li> <li>(d) A description of how the track and guideway will be designed to remain free of snow, ice build-up and vegetation that could impact operation of the system.</li> <li>(e) A description of how the Vehicle dynamic envelope will be accounted for in the design of all guideway elements.</li> <li>(f) A description of how system elements will be accommodated within the guideway.</li> <li>(g) A description of how the alignment is being designed to protect for future electrification and double-tracking.</li> <li>(h) Confirmation that the alignment can be designed within the Lands provided.</li> <li>(i) Provide alignment drawings</li> <li>(j) Provide a structural approach describing the preliminary</li> </ul> | <p><b>YES</b></p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes**</p> |     | <p>*The electronic native version submitted did not match printed or PDFs</p> <p>**drawings set provided, unable to determine if all drawings required are included in section, but section is present</p> |

| Applicant:           | Trillium Extension Alliance [TEA]  |       |    |   |
|----------------------|--|-------|----|---|
| Technical Submission | Completeness Requirements  | Met   |    | Comments  |
|                      |  | Yes   | No |   |
|                      | <p>structures design for new bridge structures and demonstrating how the designs will conform to the Output Specifications.</p> <p>(k) Provide structural drawings including:</p> <p>(i) A set of general arrangement drawing of each bridge structure, showing the horizontal and vertical geometry, deck cross-section, type of structure, structure depth, horizontal and vertical clearance to all roads, rails and existing facilities, span arrangements, and preliminary column locations;</p> <p>(ii) Intentionally Deleted.</p> <p>(iii) Intentionally Deleted.</p> <p>(l) Provide a separate aesthetic design report for all bridges with aesthetic design level one (high aesthetic design classification).</p> <p>(m) Provide a structural approach describing how the existing structures will be upgraded and maintained to conform to the Output Specifications. The approach shall include a narrative on each Existing Structure and the Proponent’s proposed approach to upgrades, lifecycle and maintenance.</p> <p>(n) Provide a roadway approach describing the preliminary roadway design and demonstrating how the designs will conform to the Output Specifications.</p> <p>(o) Provide a trackwork approach describing the preliminary designs for track structure/rail fastening systems and special</p> | Yes   |    | <p>*aesthetic design report is included as part of Mainline Drawings Submission Package, and not part of Section 2.1.1(l)</p> |
|                      |  | Yes** |    |   |
|                      |  | Yes*  |    |   |
|                      |  | Yes   |    |   |
|                      |  | Yes   |    |   |
|                      |  | Yes   |    |   |
|                      |  | Yes   |    |   |

| Applicant:           | Trillium Extension Alliance [TEA]  |      |    |  |
|----------------------|--|------|----|--|
| Technical Submission | Completeness Requirements  | Met  |    | Comments   |
|                      |  | Yes  | No |  |
|                      | <p>trackwork demonstrating how the designs will conform to the Output Specifications.</p> <p>(p) Provide trackwork drawings-scale 1:100</p>  | Yes* |    | *Scale 1:1000  |
| 2.2                  | Utilities, Geotechnical, Drainage and Stormwater Management, Urban Design and Landscape Architecture (maximum of 45 pages)   | Yes  |    |  |
|                      | <p>(1) The Proponent shall provide its approach to address the Utilities, Geotechnical, Drainage, Urban Design, Landscape Architecture at an appropriate level of detail, as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, and is to include the following:</p> <p>(a) Utilities:</p> <p>(b) Provide the final Utility Baseline documents, including the estimated start date for each baselined relocation activity</p> <p>(c) Geotechnical/Geo-Environmental</p> <p>(i) The Proponent shall submit a plan that provides a description demonstrating a clear understanding of key geotechnical issues and challenges.</p> <p>(ii) A preliminary hydrogeological impact assessment and associated risk assessment which includes:</p> <p>(ii) Intentional deleted.</p> <p>(iii) The proposed strategy and approach to monitoring the infrastructure located within and outside the Lands, including:</p> | Y    |    | <p>*The electronic native version submitted did not match printed or PDFs</p> <p>Assumed to be drawings 2.2.1.c-0-0000-2000 to 2001</p> <p>Assumed to be drawing 2.2.1.c-0-0000-2002</p> <p>Unable to assess</p> |

| Applicant:           | Trillium Extension Alliance [TEA] |  |     |    |  |                  |
|----------------------|-----------------------------------|--|-----|----|--|------------------|
| Technical Submission | Completeness Requirements         |  | Met |    | Comments   |                  |
|                      |                                   |  | Yes | No |  |                  |
|                      | (A)                               | a narrative and drawings indicating the overall approach to the Geotechnical Instrumentation and Monitoring Plan (GIMP); | Y   |    | Assumed to be complete – Drawings 2.2.1.e-4-BAST-1000 onwards.   |                  |
|                      | (B)                               | proposed types and locations of geotechnical instrumentation; proposed data collection method(s);                        | Y   |    |  |                  |
|                      | (iv)                              | Drawings at a minimum scale of 1:500 that depict the following:  |     |    |  |                  |
|                      | (A)                               | Borehole location plan of existing and new boreholes;  | Y   |    |  |                  |
|                      | (B)                               | Geotechnical stratigraphic profiles showing soil and rock types and test results;  | Y   |    |  | unable to assess |
|                      | (C)                               | Additional geotechnical investigation plan;  |     |    |  | unable to assess |
|                      | (D)                               | Intentionally deleted;   | Y   |    |  |                  |
|                      | (E)                               | Intentionally deleted;   |     |    |  |                  |
|                      | (F)                               | Intentionally deleted;   |     |    |  |                  |
|                      | (G)                               | Geotechnical and hydrogeological instrumentation and monitoring plan;  |     |    |  |                  |
|                      | (H)                               | Intentionally deleted;   | Y   |    | *plan provided, unable to determine if all locations, etc. required are included in section, but section is present subject to conformance |                  |
|                      | (I)                               | Intentionally deleted; and   |     |    |  |                  |
|                      | (J)                               | Effluent conveyance plan showing treatment and discharge locations.  |     |    |  |                  |
|                      | (d)                               | Drainage and Stormwater Management   | Y*  |    |  |                  |
|                      | (i)                               | The Proponent shall provide its approach to the design proposal associated with all drainage                             |     |    |  |                  |

| Applicant:           | Trillium Extension Alliance [TEA]  |            |    |  |
|----------------------|--|------------|----|--|
| Technical Submission | Completeness Requirements  | Met        |    | Comments   |
|                      |  | Yes        | No |  |
|                      | <p>elements, including new elements and modifications to existing elements.</p> <p>(e) Urban Design and Landscape Architecture</p> <p>(i) The Proponent shall provide a narrative on the approach to developing the Urban Design and Landscape Plan, as required by the Project Agreement.</p> <p>(ii) Landscape drawings that cover the entire Alignment and any associated works.</p> <p>(iii) Landscape drawings showing all MUPs required by the Project Agreement.</p> <p>(iv) The typical enlargements (plan or section), at an appropriate scale to fully illustrate the construction requirements.</p> <p>(v) Visualizations (renderings, manufacturer’s cut-sheets, or precedent images) displaying the distinctive character of the Project.</p> <p>(vi) The Proponent’s approach to integrating City-supplied public art.</p> | Y          |    |  |
| 2.3                  | <b>Systems Design Submission (maximum of 40 pages)</b>   | <b>YES</b> |    |  |
|                      | <p>(1) The Proponent shall address the Systems design as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, including, but not limited to, the following:</p> <p>(a) How the following integrate into the systems design processes, through a narrative, the use of block diagrams or</p>   | Y          |    | *The electronic native version submitted did not match printed or PDFs |

| Applicant:           |   | Trillium Extension Alliance [TEA] |    |  |
|----------------------|---|-----------------------------------|----|--|
| Technical Submission | Completeness Requirements   | Met                               |    | Comments   |
|                      |   | Yes                               | No |  |
|                      | flowcharts.<br>(b) Communication Systems<br>(i) An overall Communications Systems block diagram detailing the key subsystems within the Trillium Line Extension<br>(c) Signalling & Train Control System narrative  | Y<br><br>Y                        |    |  |
| 2.4                  | Station Design Submission (maximum of 40 pages)   | YES                               |    |  |
|                      | (1) The Proponent shall address the Station design, as set out in or otherwise referenced in Project Agreement Schedule 15-2, and shall include the following:<br>(a) Architectural Written Narrative:<br>(b) Architectural Drawings for each station:<br>(c) Architectural Renderings:<br>(d) Structural Design:<br>(e) Mechanical Design:<br>(f) Electrical Design: | y<br>y<br>y<br>y<br>y<br>y        |    | *The electronic native version submitted did not match printed or PDFs |
| 2.5                  | New Walkley Yard Design Submission (maximum of 30 pages)  | YES                               |    | 22 pages   |
|                      | (1) The Proponent shall address the New Walkley Yard design as set out in or otherwise referenced in Project Agreement Schedule 15-2.<br>(a) The functional layout of the yard, site layout, parking, access, security, maintenance and administration buildings  | Yes                               |    | *The electronic native version submitted did not match printed or PDFs |

| Applicant:           | Trillium Extension Alliance [TEA]  |  |    |          |
|----------------------|--|--|----|----------|
| Technical Submission | Completeness Requirements  | Met  |    | Comments |
|                      |  | Yes  | No |          |
|                      | <p>and a description of the work flow processes utilized to minimize train movements</p> <p>(b) Description of the daily servicing and inspection of revenue vehicles.</p> <p>(c) Yard train control, and the location and manner in which Trains will be transferred from Yard Control to Mainline Control.</p> <p>(d) The layout and functional arrangement of City spaces within the New Walkley Yard and a description of the handover process between Project Co and the City's operators.</p> <p>(e) Design Approach.</p> <p>(f) General Architectural Description.</p> <p>(g) Code Analysis</p> <p>(h) Environmental Considerations</p> <p>(i) Net and Gross Floor Area Summary</p> <p>(j) Architectural drawings including:</p> <p style="padding-left: 20px;">(i) Context Plan scale 1:1000;</p> <p style="padding-left: 20px;">(i) Site Plan scale 1:400;</p> <p style="padding-left: 40px;">(A) Floor plans scale 1:100, showing all rooms/areas numbered.</p> <p>(k) MSF Detailed Drawings</p> <p style="padding-left: 20px;">(i) Exterior Building Elevations – scale 1:100, including the extent of all glazing and cladding</p> | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |    |          |

| Applicant:           | Trillium Extension Alliance [TEA]   |  |    |          |
|----------------------|---|--|----|----------|
| Technical Submission | Completeness Requirements   | Met  |    | Comments |
|                      |   | Yes  | No |          |
|                      | <p>materials.</p> <p>(l) Structural Design</p> <p>(i) A written narrative of the proposed structural framing system, lateral resisting system, and foundation design.</p> <p>(m) Mechanical Design</p> <p>(i) General design approach to mechanical systems including HVAC, plumbing and drainage systems, equipment selection, etc.; and</p> <p>(n) Electrical Design</p> <p>(i) Written Narrative</p> <p>(ii) Electrical drawings including:</p> <p>(A) Single line diagram, preliminary sizing of equipment and feeders to provide a clear understanding of the electrical distribution, emergency and critical power systems along with the expected electrical demand load and</p> <p>(B) Emergency backup generator(s) detail, location and capacity.</p> <p>(o) Shop Equipment</p> <p>(i) Proposed shop equipment list for the MSF Facility.</p> <p>(p) Security &amp; Communications</p> <p>(i) Drawings and narrative to show proposed perimeter security system, proposed access points</p> | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |    |          |



| Applicant:           | Trillium Extension Alliance [TEA]  |     |    |  |
|----------------------|--|-----|----|--|
| Technical Submission | Completeness Requirements  | Met |    | Comments   |
|                      |  | Yes | No |  |
|                      | and any other security systems planned for the facility.   |     |    |  |
| 2.6                  | Vehicle Fleet Design Submission (maximum of 30 pages)  | Yes |    | Printed copy complies (15 pages). E-copy complies (23 pages)           |
|                      | (1) New Vehicle Fleet  | Y   |    | *The electronic native version submitted did not match printed or PDFs |
|                      | (a) Interior AODA/ADA Compliance for new vehicle fleet   | Y   |    |  |
|                      | (b) Stanchion and Hand Holds   | Y   |    |  |
|                      | (c) Integrations with On Board Equipment   | Y   |    |  |
|                      | (2) Existing Vehicle Fleet   | Y   |    |  |
|                      | (a) Integrations with On Board Equipment   | Y   |    |  |
|                      | (b) Existing Vehicle Capital Works prior to Revenue Service.   | Y   |    |  |
|                      | (3) Mixed Vehicle Fleet  |     |    |  |
|                      | (a) Mixed Vehicle Approach   | Y   |    |  |
| 2.7                  | Airport Link (No limit)  | YES |    |  |
|                      | (1) The Proponent shall submit its approach to the Airport Link design at an appropriate level of detail as set out in or otherwise referenced in the Project Agreement and Schedule 15. | y   |    | *The electronic native version submitted did not match printed or PDFs |
|                      | (a) The Proponent is to package the design drawing submission requirements listed above into a separate "Airport Link Drawing Submission".   | y   |    |  |
| 2.8                  | System Safety and Security Certification (Maximum Pages 15)  | Y   |    |  |

| Applicant:           |  | Trillium Extension Alliance [TEA] |    |   |
|----------------------|--|-----------------------------------|----|---|
| Technical Submission | Completeness Requirements  | Met                               |    | Comments  |
|                      |  | Yes                               | No |   |
|                      | (1) Provide a narrative detailing how safety and systems assurance will be systematically managed throughout design, construction and maintenance and the process that will be used to develop the system safety case and safety management system.<br>(2) Describe the methodology that will be used to evaluate and develop system assurance requirements including the identification and mitigation of hazards associated with the proposed design.<br>(3) Provide a narrative detailing how the design of the system will be optimized in terms of safety, operations, reliability, availability, maintainability and life cycle cost, service dependability, failsafe design and failure management of the system operation.<br>(4) Provide a narrative detailing how systems assurance requirements outlined during the design phase will be implemented throughout the Maintenance Term. | Y                                 |    | *The electronic native version submitted did not match printed or PDFs                            |
| 2.9                  | Dow's Lake Tunnel Design Submission (maximum of 10 pages)  | Y                                 |    | Page count between electronic and hard copy do not match. Hard copy meets the 10 page requirement |
|                      | (1) Design Submission and approach narrative<br><br>(2) The Proponent shall address the Dow's Lake Tunnel design at an appropriate level of detail, as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement.   | Y                                 |    | Design submission included, unable to fully assess  |
| 3.0                  | <b>CONSTRUCTION SUBMISSION</b>   | <b>YES</b>                        |    |   |
| 3.1                  | Emergency Response Plan (maximum of 20 pages)  | Y                                 |    |   |

| Applicant:           |  | Trillium Extension Alliance [TEA] |    |   |
|----------------------|--|-----------------------------------|----|---|
| Technical Submission | Completeness Requirements  | Met                               |    | Comments  |
|                      |  | Yes                               | No |   |
|                      | (1) The Proponent shall submit an Emergency Response Plan that both describes the Proponent’s proposed approach during the construction period to protecting the travelling public and minimizing public disruption, and fulfills the requirements of the Output Specifications.   | Y                                 |    | Attachment 3.1-1 not included in their page count but does not put them over the page limit – brings them to 18 of 20 pages |
| 3.2                  | Traffic and Transit Management Plan and Construction Access Management Plan (maximum of 40 pages)  | YES                               |    |   |
|                      | (1) The Proponent shall submit a draft of the Traffic and Transit Management Plan as required by the Output Specifications.<br>(2) Intentionally Deleted<br>(3) The Proponent shall submit a draft of the Construction Access Management Plan as required by the Output Specifications.  | y<br>y                            |    | *The electronic native version submitted did not match printed or PDFs  |
| 3.3                  | Construction Plan (maximum of 40 pages, excludes staging drawings)   | Y                                 |    |   |
|                      | (1) The Proponent shall submit a Construction Management Plan specific to the Project which describes the Proponent’s approach and methodology to achieving the requirements of the Project Agreement, including its approach to scheduling, materials management, procurement, resource management (labour and equipment), Subcontractor management, coordination, reporting and internal governance, and integration of design and Construction Activities | y                                 |    | *The electronic native version submitted did not match printed or PDFs  |
| 3.4                  | System Testing and Commissioning Plan (maximum of 25 pages)  | YES                               |    |   |
|                      | (1) The Proponent shall submit their approach to Testing and Commissioning, detailing how the testing and commissioning activities and handover of the Works will be undertaken prior to Substantial Completion. The approach must be in accordance with the requirements of the Project Agreement (Schedule 14 – Testing  | Y                                 |    | *The electronic native version submitted did not match printed or PDFs  |



| Applicant:           | Trillium Extension Alliance [TEA]   |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
|                      | Submission in response to the RFQ issued for the Project.   | Y   |    |          |
| 3.6                  | Mobility Matters Lanes (maximum of 5 pages)   | Y   |    |          |
|                      | <p>(6) Transit</p> <p>(1) Requirement of Traffic and Transit Mobility Management Plan</p> <p>(a) Traffic and Transit Management Plan – Lanes</p> <p>(i) Summary</p> <p>(A) Each Proponent shall create a TTMP during the development of their Proposal upon which the Reference Lane Closures and Aggregate Target Lane Closure shall be based,,</p> <p>(B) The Proponent shall provide a narrative explaining the variance between the Aggregate Target Lane Closure provided in the draft Lane Closure Target Letter and the TTMP</p> <p>(2) Submittals – LANES</p> <p>(a) Each Proponent shall submit the following with its Proposal:</p> <p>(i) Draft Lane Closure Target Letter as required by the Project Agreement, based on the TTMP and including the Aggregate Target Lane Closure together with the Proponent’s TTMP appended to the Lane Closure Target Letter.</p> <p>(ii) Narrative indicating primary features included in the Proponent’s TTMP and illustrating the measures incorporated into the Proponent’s design.</p> | Y   |    |          |

| Applicant:   |   | Trillium Extension Alliance [TEA] |    |   |
|--|---|-----------------------------------|----|---|
| Technical Submission                                 | Completeness Requirements   | Met                               |    | Comments  |
|  |   | Yes                               | No |   |
|  | (iii) Provide a written statement of how Project Co will manage construction to ensure the measures in the Proponent’s design realize their full potential.<br>Description and reports of any software or calculations used. Narrative describing differences between results of TTMP and Aggregate Target Lane Closure.    | Y                                 |    |   |
|  |   | Y                                 |    |   |
| <b>4.0 MAINTENANCE AND REHABILITATION SUBMISSION</b> |   | <b>YES</b>                        |    |   |
| <b>4.1</b>   | <b>Maintenance &amp; Rehabilitation Approach to Part 1 of Schedule 15-3 of the Project Agreement (maximum of 30 pages)</b>  | <b>YES</b>                        |    | <b>printed copy (27 pp main body + 13pp 11x17 appendices, although Appendices do not count towards page total)</b>                                      |
|  | (1) Describe the Proponent’s overall approach to Maintenance and Rehabilitation Services including the process of planning for mobilizing, managing, implementing and achieving the requirements and obligations set out in Part 1 of Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement. | Y                                 |    | *The electronic native version submitted did not match printed or PDFs  |
|  | (2) Provide a description of the approach of the Maintenance Director to problems encountered, solutions identified and strategies implemented, based on their experience on comparable transit projects, for:  | Y                                 |    |   |
| <b>4.2</b>   | <b>Maintenance &amp; Rehabilitation Approach to Appendix A (Maintenance Performance Requirements) to Schedule 15-3 of the Project Agreement (maximum of 30 pages)</b>   | <b>YES</b>                        |    | The hard copy does meet the 30 page maximum, the electronic copy is at 51 pages. Electronic submission does not correspond in format to printed copies. |
|  | (1) Describe the Proponent’s overall approach to Maintenance and Rehabilitation Services, including a description of the Proponent’s  | Y                                 |    | Table provided to describe overall approach to Maintenance and Rehab  |

| Applicant:           | Trillium Extension Alliance [TEA]  |                            |    |   |
|----------------------|--|----------------------------|----|---|
| Technical Submission | Completeness Requirements  | Met                        |    | Comments  |
|                      |  | Yes                        | No |   |
|                      | <p>approach to managing, implementing and achieving the requirements and obligations set out in Appendix A to Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement.</p> <p>(2) Provide a description of the Proponent’s approach to limiting the impact of Maintenance and Rehabilitation Services on Passengers, the public and System Users,</p> <p>(3) Provide a description of the Proponent’s approach to data management, covering as a minimum the different elements of the System Infrastructure, data collection, data recording, data storage, data reporting and access to data.</p> <p>(4) Provide a description of the Proponent’s proposed approach to interacting and interfacing with the following entities during the Maintenance Period.</p> | <p>Y</p> <p>Y</p> <p>Y</p> |    | Services.   |
| 4.3                  | Maintenance & Rehabilitation Approach to Appendix B (Asset Preservation) to Schedule 15-3 of the Project Agreement (maximum of 25 pages (excluding lifecycle work schedule))   | Yes                        |    | Printed copy (19pp + 2pp works schedule)<br>E-copy (34pp +2pp schedule)   |
|                      | <p>(1) Describe the Proponent’s overall approach to the asset management and preservation requirements that includes a description of the process of planning for mobilizing, managing, implementing and achieving the requirements and obligations set out in Appendix B of Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement, including a preliminary Asset Management Plan.</p> <p>(2) Provide a lifecycle replacement/refurbishment work schedule which clearly identifies the asset life, strategy and replacement schedule for the System Infrastructure which will require replacement, refreshment, and/or refurbishment, during the Maintenance Period as</p>  | <p>Y</p> <p>Y</p>          |    | <p>*The electronic native version submitted did not match printed or PDFs</p> <p>Note that actual works schedule (2pp) contained in section 4.2 as “attachment 4.2-1”</p> |

| Applicant:           | Trillium Extension Alliance [TEA]   |            |    |  |
|----------------------|---|------------|----|--|
| Technical Submission | Completeness Requirements   | Met        |    | Comments   |
|                      |   | Yes        | No |  |
|                      | part of the Asset Management Plan.  |            |    |  |
| 4.4                  | <b>Maintenance &amp; Rehabilitation: Approach to Appendix C (Expiry Date Requirements) to Schedule 15-3 and Schedule 23 – Expiry Transition Procedure of the Project Agreement (maximum of 5 pages)</b>   | <b>YES</b> |    |  |
|                      | (1) Describe the Proponent’s approach to the requirements of Appendix C to Schedule 15-3 and Schedule 23 – Expiry Transition Procedure of the Project Agreement that includes a description of the process of planning for, managing, implementing and achieving the Remaining Service Life at Expiry Date. | Yes        |    | *The electronic native version submitted did not match printed or PDFs |
|                      | <b>APPENDICES</b>   |            |    |  |
|                      | Trillium Line RFP Schedule 4 - Proposal Submission Form   | Y          |    |  |
|                      | Trillium Line RFP Schedule 5 - Participant Conflict Screening List  | Y          |    |  |
|                      | Trillium Line RFP Schedule 6 - Proponent Team Member Declaration  | Y          |    |  |
|                      | Trillium Line RFP Schedule 7 - Certificate of Officer   | Y          |    |  |
|                      | Trillium Line RFP Schedule 8 - Price Form   |            | N  | Financial not yet submitted  |
|                      | Trillium Line RFP Schedule 9A - Standby Letter of Credit  | Y          |    |  |



| <b>Applicant:</b>    | Trillium Extension Alliance [TEA]                                       |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
|                      | Trillium Line RFP Schedule 11 - Proponent Proposal Submission Checklist | Y   |    |          |

**Appendix B - Completeness Review Team Checklist**

TransitNEXT [TNext] Working Documents

|  |   |
|--|---|
| <b>Applicant:</b>  | TransitNEXT [TNext]   |
| <hr/>  |   |
| <b>Submission Opening Room:</b>  | Ogilvy Boardroom  |
| <b>Date / Time Record for Receipt of Submission:</b>                             | Friday, August 10 <sup>th</sup> , 2018; 9:02AM  |
| <b>Date of Submission Opening:</b>   | August 13, 2018   |
| <b>Time of Submission Opening:</b>   | 9:43AM EST (General Submission Box 1 of 1, General Technical Submission Box 2 of 2 for Conflict of Interest Check)<br>August 14, 2018: 10:16AM EST (remaining boxes for Completeness Check) |
| <hr/>  |   |
| <b>Participants Present at Opening:</b>  | Emily Marshall-Daigneault, City of Ottawa   |
|  | Chris Gillcash, City of Ottawa [Conflict Review Team]   |
|  | Catherine Burden, City of Ottawa [Conflict Review Team]   |
|  | Katelyn Kornelson, City of Ottawa   |
|  | Benedict Wray, Norton Rose Fulbright  |
|  | Michael Harvey, Deloitte  |
|  | Raquel Gold, Boxfish  |
| <hr/>  |   |
| <b>Correct no. of copies submitted (Y/N):</b>                                    | Yes   |
| <b>Confirmation: financial information not included in technical submission.</b> | - Financial information not included in technical submission  |

Comments

- Two sections (Section 1.7 SIMP, and Section 2.2 Utilities, Geotechnical, Drainage and Stormwater Management, Urban Design and Landscape Architecture) were determined to be over the maximum page count.
  - o In the case of the SIMP, the RFP asks Proponents to submit a SIMP that includes the specified matters. There is some ambiguity around the request to provide a “plan” and the meaning of “specifications” which are excluded from the page count in the RFP. The Proponent provided a narrative including the specified matters, as well as a separate SIMP in its technical format as a separate section. Together they are 54 pages, exceeding the 30-page limit for the section by 24 pages.
  - o In the case of Section 2.2, the Proponent included a separate “Geotechnical Investigation Plan” containing 21 pages of narrative in its drawing binder. The narrative in the main section 2.2. Together with the main narrative, the 45-page limit is exceeded. Again, there is ambiguity in the RFP requirements, which ask the Proponent to provide “(v) Drawings at a minimum scale of 1:500 that depict the following:… “(C) Additional geotechnical investigation plan”. On this basis it was understandable that the proponent had included ardditional narrative in its drawings binder.
- In both cases, the SIMP and the Geotechnical Investigation Plan, the issue elevated to BESC and discussed with Fairness. It was determined that pages were to be removed after requesting clarification as to which pages were in excess of the page count from the Proponent. BESC and Fairness approved RFC language and a response was received.
- As well, the Geotechnical Investigation Report was in Volume 4 of the Drawings binder twice in every binder, EXCEPT binder copy 4 of 7. The duplicate copies will be removed.
- Dividers removed with excess page limits, determined that the information included is represented in the narrative
- New blank dividers added in hard copy and electronic copy
- Schedule 6 RFC issued and responded to; not Team Members

| <b>CONFLICT CHECK PROCESS</b>                                 |  | <b>(YES/NO)</b> | <b>Comments</b> |
|---|--|-----------------|-----------------|
| Appendix A  | Completeness Review Team to list the Proponent Team Members and related entities for each of the submitted bids  | YES             |                 |
| Appendix B  | Each member of the Completeness Team, Conflict of Interest Team completes Appendix B declarations and signs Undertaking  | YES             |                 |
| Confirmation from Fairness, Legal to begin Completeness Check | Fairness and Legal review Appendix B for Conflict of Interest Team and Completeness Team to ensure members are not conflicted out of process; confirmation to continue with completeness | YES             |                 |

**High-Level Inclusion Check:**

| <b>A. PROPOSAL SUBMISSION FORMS &amp; DECLARATIONS</b> |   | <b>(YES/NO)</b> | <b>Comments</b>   |
|--|---|-----------------|---|
| RFP Schedule 4   | Proposal Submission Form  | YES             |   |
| RFP Schedule 5   | Participant Conflict Screening List   |                 |   |
| RFP Schedule 6   | Proponent Team Member Declaration for each Proponent Team Member;                       | YES             | Team member declarations not provided for Altus, Intec, Lunis. RFC issued.              |
| RFP Schedule 7   | Proponent Prime Team Member Certificate of Officer for each Proponent Prime Team Member | YES             | Unable to determine which are Prime Team Members (by definition) that require inclusion |
| RFP Schedule 9A  | Proponent Standby Letter of Credit  | YES             |   |
| RFP Schedule 11  | Proponent Proposal Submission Checklist   | YES             |   |
| <b>B. TECHNICAL SUBMISSION</b>                         |   | <b>(YES/NO)</b> | <b>Comments</b>   |
| <b>1.0 GENERAL TECHNICAL SUBMISSION</b>                |   |                 |   |
| 1.1  | Project Management Plan   | YES             | First page is larger than 11x17" – and page limit is exactly 30 pages                   |
| 1.2  | Integrated Management System  | YES             |   |
| 1.3  | Environmental Management Plan   | YES             |   |
| 1.4  | Construction Communications and Stakeholder Engagement                                  | YES             |   |
| 1.5  | Works Schedule PBS-1  | YES             |   |
| 1.6  | Risk Management Plan  | YES             | Inclusion of 11x17" pages in body rather than in Appendix, or separate booklet          |
| 1.7  | Systems Integration Management Plan (SIMP)  | YES             | Number of pages exceeded  |
| 1.8  | Early Works Agreement   | YES             |   |
| <b>2.0 DESIGN SUBMISSION</b>                           |   | <b>(YES/NO)</b> | <b>Comments</b>   |

|  |   |                 |  |
|--|---|-----------------|--|
| 2.1  | Civil and Guideway Design Submission  | YES             |  |
| 2.2  | Utilities, Geotechnical, Drainage and Stormwater Management, Urban Design, Landscape Architecture     | YES             | Number of pages exceeded                     |
| 2.3  | Systems Design Submission   | YES             |  |
| 2.4  | Stations Design Submission  | YES             |  |
| 2.5  | New Walkley Yard Design Submission  | YES             |  |
| 2.6  | New Vehicle Fleet Design Submission   | YES             |  |
| 2.7  | Airport Link  | YES             |  |
| 2.8  | System Safety and Security Construction   | YES             |  |
| 2.9  | Dows Lake Tunnel Design Submission  | YES             |  |
| <b>3.0 CONSTRUCTION SUBMISSION</b>                   |   | <b>(YES/NO)</b> | <b>Comments</b>                              |
| 3.1  | Emergency Response Plan   | YES             |  |
| 3.2  | Traffic and Transit Management Plan and Construction Access Management Plan                           | YES             |  |
| 3.3  | Construction Management Plan  | YES             |  |
| 3.4  | Testing and Commissioning Plan  | YES             |  |
| 3.5  | Health and Safety Certification   | YES             | Submitted an ISO certificate rather than COR |
| 3.6  | Lane Closure Target Letter and Traffic Mobility Management Plan (Lanes)                               | YES             |  |
| <b>4.0 MAINTENANCE AND REHABILITATION SUBMISSION</b> |   | <b>(YES/NO)</b> | <b>Comments</b>                              |
| 4.1  | Maintenance and Rehabilitation Approach to Part 1 of Schedule 15-3 of the Project Agreement;          | YES             |  |
| 4.2  | Maintenance and Rehabilitation: Approach to Appendix A of Schedule 15-3 of the Project Agreement;     | YES             |  |
| 4.3  | Maintenance and Rehabilitation: Approach to Appendix B of Schedule 15-3 of the Project Agreement; and | YES             |  |

|                                |  |                 |                   |
|--------------------------------|--|-----------------|-------------------|
| 4.4                            | Maintenance and Rehabilitation: Approach to Appendix C of Schedule 15-3 of the Project Agreement and Schedule 23 of the Project Agreement. | YES             |                   |
| <b>C. FINANCIAL SUBMISSION</b> |  | <b>(YES/NO)</b> | <b>Comments</b>   |
| 1                              | Total Submission Price   | NO              | Not submitted yet |
| 2                              | Quality of Proposed Financing Plan   | NO              | Not submitted yet |
| RFP Schedule 8                 | Price Form   | NO              | Not submitted yet |

| COPIES AND PAGE NUMBERS |  | # of Printed Copies     | (YES/NO)          |
|-------------------------|--|-------------------------|-------------------|
| A                       | General Submission   | 1 original and 4 copies | YES               |
| 1.                      | General Technical Submission (Section 1.0 of Part B)   | 1 original and 7 copies | YES (same binder) |
| 2.                      | Design Submission (Section 2.0 of Part B)  | See Below               |                   |
|                         | <b>Written Design Submissions:</b> The written portion of the Design Submission is to be provided in standard 3-ring loose-leaf binders together with the Design Drawing Submissions (as defined below), which are not to be mounted on presentation boards. | 1 original and 7 copies | YES (same binder) |
|                         | <b>Design Drawings Submissions:</b> The drawings portion of the Design Submission is to be provided in two bound sets of half-size drawings, to scale, in colour where colour coded or rendered, printed on A3 (11"x17") size paper.                         | -                       |                   |
|                         | Mainline Drawing Submission  | 1 original and 7 copies | YES               |
|                         | Airport Link Drawing Submission  | 1 original and 7 copies | YES               |



|    |   |                         |                   |
|----|---|-------------------------|-------------------|
| 3. | Construction Submission (Section 3.0 of Part B)                   | 1 original and 7 copies | YES (same binder) |
| 4. | Maintenance and Rehabilitation Submission (Section 4.0 of Part B) | 1 original and 7 copies | YES (same binder) |

| ELECTRONIC COPIES AND PAGE NUMBERS |  | (YES/NO) | Comments          |
|------------------------------------|--|----------|-------------------|
| 1.                                 | <p><b>Five packages</b>, one clearly marked “original”, each including the following:</p> <ul style="list-style-type: none"> <li>(iv) Part C – Financial Submission;</li> <li>(v) RFP Schedule 8 - Price Form; and</li> <li>(vi) draft Lane Closure Target Letter</li> </ul> | NO       | Not yet submitted |
| 2.                                 | <p>Part A – General Submission</p> <p><b>Three portable hard drives</b>, or USB flash drives, containing Part A in PDF format and in editable native file format</p>   | YES      | 3 USBs submitted  |
| 3.                                 | <p>Part B – Technical Submission</p> <p><b>Five portable hard drives</b> or USB flash drives containing Part B in PDF format and in editable native file format</p>  | YES      | 5 USBs submitted  |

---

|    |   |    |                   |
|----|---|----|-------------------|
| 4. | Part C – Financial Submission<br><b>Four portable hard drives</b> or USB flash drives containing Part C in PDF format and in editable native file format. For clarity, the portable hard drives or USB flash drives shall also contain the Financial Model which shall have the Price Form embedded within. | NO | Not yet submitted |
|----|---|----|-------------------|

| Applicant:  |  | TransitNEXT |    |  |
|---|--|-------------|----|--|
| Technical Submission  | Completeness Requirements  | Met         |    | Comments   |
|   |  | Yes         | No |  |
| 1.0 General Technical Submission  |  | Yes         |    |  |
| 1.1 Project Management Plan (maximum of 30 pages, excluding curriculum vitae) |  | Yes         |    | Small issue re 11x20 foldout – determined that page limit not exceeded |
| 1.1.1   | General Approach – Project Management Plan   | Yes         |    |  |
|   | <p>(1) The Proponent shall submit its approach to its team organization, structure and processes, communications and engagement, and integration of team members.</p> <p>(i) the Proponent’s approach for developing and maintaining a successful partnership and managing the interfaces with the Sponsor;</p> <p>(ii) the Proponent’s approach to maximizing integration of the activities of the Proponent Team Members;</p> <p>(iii) the Proponent’s approach to the design development process including working in collaboration;</p> <p>(iv) the Proponent shall ensure that the applicable stakeholders and Government Authorities’ requirements are incorporated into design work to be reviewed through the Schedule 10 – Review Procedure;</p> <p>(v) the Proponent’s approach to design and construction staging and how the staging matches into the draft Proposed Works Schedule and draft Interim Works Schedule;</p> <p>(vi) an organization chart clearly indicating the Proponent’s team structure including all management staff;;</p> <p>(vii) a description of the Proponent’s approach to managing the resources of the Proponent, as Project Co;</p> <p>(viii) the Proponent’s approach for integrating and co-ordinating the activities of the Project Co Representative and Sponsor;</p> | Y           |    |  |

| Applicant:           | TransitNEXT   |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
|                      | (ix) a description of the Proponent’s approach to internal decision-making and internal reporting mechanisms; and   | Y   |    |          |
|                      | (x) a list of Key Individuals as detailed in Schedule 9 of this Project Agreement, to include a curriculum vitae for each Key Individual highlighting each individual’s experience and including information about his or her role; | Y   |    |          |
|                      | (2) Intentionally Deleted   |     |    |          |
|                      | (3) Coordination with Maintenance Contractors and other Third Parties   |     |    |          |
|                      | (a) The Proponent shall describe its project management strategy for assuming responsibility for the Existing Trillium Line and Existing Vehicle Fleet on commencement of the Trillium Line Shut-Down.                              | Y   |    |          |
|                      | (b) The Proponent shall describe its project management strategy for the coordination of design, construction and maintenance with ongoing operations across the VIA/Ellwood and CN/Walkley diamonds.                               | Y   |    |          |
|                      | (c) The Proponent shall describe its project management strategy for adhering to the City’s Third Party agreements with CP, VIA, CN, NRC and the OMCIAA.  | Y   |    |          |
|                      | (4) Permits, Licences, Approvals and Agreements Strategy  |     |    |          |
|                      | (a) a detailed description of its planned approach to obtain all Permits, Licences, Approvals and Agreements in a timely way  | Y   |    |          |
|                      | (b) a detailed description of any additional required Permits, Licences, Approvals and Agreements not contained within to Schedule 32   |     |    |          |



| Applicant:           | TransitNEXT  |     |    |   |
|----------------------|--|-----|----|---|
| Technical Submission | Completeness Requirements  | Met |    | Comments  |
|                      |  | Yes | No |   |
|                      | <ul style="list-style-type: none"> <li>(vii) a description of the inspection, testing and monitoring activity;</li> <li>(viii) a description of the frequency of inspections, tests and monitoring;</li> <li>(ix) reference to standards, codes, specifications, and acceptance criteria;</li> <li>(x) a list of reports and checklists required;</li> <li>(xi) quality assurance review and witness and hold points;</li> <li>(xii) a description of the frequency of geotechnical instrumentation monitoring and adherence to acceptance criteria;</li> <li>(x) a description of the Proponent’s strategy to address the testing requirement of Part 4 of Schedule 17 Environmental Obligations ; and</li> <li>(xi) a description of the Proponent’s strategy to address the requirements of Schedule 11 – Integrated Management System Requirements.</li> </ul> |     |    |   |
| 1.3                  | Environmental Management Plan (maximum of 20 pages, excluding (1)(1))  | Y   |    | Compliant with page limit, including divider text |
|                      | <ul style="list-style-type: none"> <li>(2) The Proponent shall submit a draft Environmental Management Plan that clearly demonstrates the Proponent’s approach to meeting the requirements of Schedule 17. <ul style="list-style-type: none"> <li>(a) Demonstrate understanding, commitment, capability and approach</li> <li>(b) Provide a narrative on the approach in developing and meeting the requirements of an Environmental Awareness</li> </ul> </li> </ul>  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |

| Applicant:           | TransitNEXT  |     |    |          |
|----------------------|--|-----|----|----------|
| Technical Submission | Completeness Requirements  | Met |    | Comments |
|                      |  | Yes | No |          |
|                      | and Education Plan   |     |    |          |
|                      | (c) Intentionally Deleted  |     |    |          |
|                      | (d) Define and describe processes for monitoring and reporting on environmental obligations with a description of the pertinent environmental processes to be undertaken by the Proponent during all phases of the Project,. | Y   |    |          |
|                      | (e) Describe the Proponent’s strategy for the management, remediation and/or removal of existing contamination as described in, or inferable from, the Environmental Reports.  | Y   |    |          |
|                      | (f) Describe the Proponent’s strategy for the management of excavated and imported materials during the Project.   | Y   |    |          |
|                      | (g) Describe the Proponent’s strategy for assessing and mitigating noise and vibration impacts during the Project Term.  | Y   |    |          |
|                      | (h) Identification of key environmental considerations affecting design and construction and mitigation measures to ensure compliance with the Project Agreement.  | Y   |    |          |
|                      | (i) Intentionally Deleted  |     |    |          |
|                      | (j) Describe the approach to the coordination/integration of the environmental strategy with the Project Sustainability Plan.  | Y   |    |          |
|                      | (k) Describe the approach to the coordination/integration with the Integrated Management System defined in Project Agreement Schedule 11.  | Y   |    |          |
|                      | (l) Identify resources, roles, responsibilities, authority, and reporting structure within the environmental team.   | Y   |    |          |

| Applicant:           | TransitNEXT   |     |    |   |
|----------------------|---|-----|----|---|
| Technical Submission | Completeness Requirements   | Met |    | Comments  |
|                      |   | Yes | No |   |
| 1.4                  | Construction Communications and Stakeholder Engagement (maximum of 10 pages)  | Yes |    | 1 page over limit including divider text, will be removed |
|                      | <ul style="list-style-type: none"> <li>(1) Intentionally Deleted</li> <li>(2) Intentionally Deleted</li> <li>(3) Intentionally Deleted</li> <li>(4) The Proponent shall address the Communications and Stakeholder Engagement Obligations as set out in or otherwise referenced in Schedule 18.                             <ul style="list-style-type: none"> <li>(a) A narrative that highlights the anticipated working relationships within the Proponent team for communications and stakeholder engagement. Y</li> <li>(c) A framework for key elements of the Proponent’s responsibilities, as identified in Schedule 18 - Communications and Stakeholder Engagement Obligations. Y</li> <li>(d) A description of how the Proponent team plans to link its risk management plan with the communications and engagement strategy; Y</li> <li>(e) The City will lead on a number of communications and stakeholder engagement activities, the Proponent shall provide a description of the Proponent’s ability to support the Sponsor’s responsibilities. Y</li> </ul> </li> </ul> |     |    |   |
| 1.5                  | Works Schedule PBS-1 (maximum of 10 pages excluding PBS-1)  | Yes |    | Complies with page limit including divider text           |
|                      | (1) The Proponent shall submit a PBS-1 Works Schedule in accordance   |     |    |   |



| Applicant:           | TransitNEXT  |     |    |   |
|----------------------|--|-----|----|---|
| Technical Submission | Completeness Requirements  | Met |    | Comments  |
|                      |  | Yes | No |   |
|                      | with the requirements of the Project Agreement   |     |    |   |
|                      | (f) Provide a printed copy of the PBS-1 Works Schedule in accordance with Schedule 12 – Works Scheduling Requirements.   | Y   |    |   |
|                      | (g) PBS-1 submission shall not include any cost loading information  | Y   |    |   |
|                      | (h) Describe the critical path and critical path activities  | Y   |    |   |
|                      | (i) Describe Proponents approach to managing design submissions  | Y   |    |   |
|                      | (j) Describe the Proponent’s approach to meeting the project timelines.  | Y   |    |   |
|                      | (2) The PBS-1 Works Schedule is to include the following:  |     |    |   |
|                      | (h) Identification of the Secondary Works Milestone “NRC Commencement of Shutdown”   | Y   |    |   |
|                      | (i) Identification of the Secondary Works Milestone “NRC Completion of Shutdown”   | Y   |    |   |
|                      | (j) Identification of the resultant 6-month period during which the NRC would not be permitted to move freight to their facility.  | Y   |    |   |
|                      | (k) The 6-month period identified by Section 1.1.1(1)(a), 1.1.1(1)(b), and 1.1.1(1)(c) will be communicated to the NRC and will be added as a contractual requirement in the Project Agreement.                      |     |    |   |
|                      | (l) Identification of a 9-month period during which the OMCIAA will be required to cease operations at their Loading Dock. This 9-month period will be communicated to the OMCIAA and will be added as a contractual | Y   |    | Assumed to be TAREG-7370 and 7380 on page 156 of 191 (PDF p160/195) |

| Applicant:           |  | TransitNEXT           |    |   |
|----------------------|--|-----------------------|----|---|
| Technical Submission | Completeness Requirements  | Met                   |    | Comments  |
|                      |  | Yes                   | No |   |
|                      | <p>requirement in the Project Agreement.</p> <p>(m) A detailed schedule of design and construction as it relates to the Airport Station to facilitate early co-ordination with the OMCIAA. Key dates and timeframes for information sharing, design review and stakeholder input should be included.</p> <p>(n) Identification of important design and construction dates related to City provided project components such as, Systems Integration tasks, public art and the fare control system.</p>  | Y                     |    |   |
| 1.6                  | Risk Management Plan (maximum of 10 pages – excluding Risk Register)   | Yes                   |    | Divider page takes total 1 page over limit, will be removed |
| 1.6.1                | Overall Approach to Risk Management  | Y                     |    |   |
|                      | <p>(1) The Proponent shall provide a detailed narrative that outlines the Proponent’s risk management approach and methodologies.</p> <p>(f) How risks will be identified, assessed, responded to, and monitored throughout the Project.</p> <p>(g) Categories and definitions to be used in support of qualitative analysis of risks.</p> <p>(h) Tools and techniques to be used for quantitative analysis of risks.</p> <p>(i) How contingency and/or mitigation plans will be developed, implemented, and monitored.</p> <p>(j) How the Proponent’s Risk Management process will be integrated with Proponent Team Members.</p> | Y<br>Y<br>Y<br>Y<br>Y |    |   |

| Applicant:           | TransitNEXT  |   |    |          |
|----------------------|--|---|----|----------|
| Technical Submission | Completeness Requirements  | Met                                       |    | Comments |
|                      |  | Yes                                       | No |          |
| 1.6.2                | Initial Risk Assessment and Planning   | Y   |    |          |
|                      | (1) The Proponent shall provide a detailed narrative that outlines the Proponent’s understanding of the risks and challenges specific to the Project.  | Y   |    |          |
| 1.6.3                | Risk Register (no page limit)  | Y   |    |          |
|                      | (2) The Proponent shall provide a detailed risk register that identifies:<br>(a) Project risk items.<br>(b) Probability/likelihood of such risks manifesting themselves on the Project.<br>(c) Potential severity of impact to Project objectives should such risks occur.<br>(d) Triggering events or root causes.<br>(e) Ability to predict or control occurrence.<br>(f) Timeline horizon (i.e. near-term, mid-term, or long-term).<br>(g) Response strategy and mitigation plans for managing each risk.<br>(h) Residual risk assessment after implementation of response and/or a mitigation plan.<br>(i) Regularity of reassessment (i.e. monthly, quarterly, annually; or after a particular Project event or milestone). | Y<br>Y<br>Y<br>Y<br>Y<br>Y<br>Y<br>Y<br>Y |    |          |

| Applicant:                   | TransitNEXT   |                       |    |  |
|------------------------------|---|-----------------------|----|--|
| Technical Submission         | Completeness Requirements   | Met                   |    | Comments   |
|                              |   | Yes                   | No |  |
| 1.7                          | Systems Integration Management Plan (SIMP) (maximum of 30 pages)  | Yes, with conditions* |    | *SIMP report is included in page count as per discussions with the BESC, RFC issued to Proponent, Proponent responded and pages identified removed |
|                              | (2) The Proponent shall provide a SIMP which includes:<br><br>(f) A high-level description of how the systems will be integrated along the alignment with the stations and infrastructure and how the system will be integrated with Stage 1, including updates to the head-end management platform at the TOCC/BCC, and ;<br><br>(g) A preliminary schedule of normal Systems Integration activity including high-level dependency task durations of City Parties where work done is being done by others. | Y<br><br>Y            |    |  |
| 1.8                          | Early Works Agreement   | Y                     |    |  |
|                              | (2) If the Proponent chooses to proceed with the portion of the Works (the “Early Works”) described in Appendix 1 of Schedule 12 to this RFP, the Proponent shall provide the Early Works Agreement in accordance with Section 9.2(4) of the Main Body to this RFP.   | n/a                   |    |  |
| <b>2.0 DESIGN SUBMISSION</b> |   |                       |    |  |
| 2.1                          | Civil and Guideway Design Submission (maximum of 50 pages)  | YES                   |    |  |
|                              | (2) The Proponent shall address the guideway design as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, and shall provide a narrative statement describing the alignment design  |                       |    | (l) Including report would make total pages more than limit, as the bridge report is provided separately at the end of                             |

| Applicant:           | TransitNEXT  |  |    |  |
|----------------------|--|--|----|--|
| Technical Submission | Completeness Requirements  | Met  |    | Comments   |
|                      |  | Yes  | No |  |
|                      | <p>that includes:</p> <p>(a) A geometric design brief that outlines horizontal and vertical alignment envelope criteria and lists the features of all alignment segments to confirm that the geometric criteria of the Output Specifications have been met.</p> <p>(b) A description of the rationale for the approach alignment into the Stations.</p> <p>(c) A description of the rationale for and preliminary details of transitions between the various guideway types.</p> <p>(d) A description of how the track and guideway will be designed to remain free of snow, ice build-up and vegetation that could impact operation of the system.</p> <p>(e) A description of how the Vehicle dynamic envelope will be accounted for in the design of all guideway elements.</p> <p>(f) A description of how system elements will be accommodated within the guideway.</p> <p>(g) A description of how the alignment is being designed to protect for future electrification and double-tracking.</p> <p>(h) Confirmation that the alignment can be designed within the Lands provided.</p> <p>(i) Provide alignment drawings</p> <p>(j) Provide a structural approach describing the preliminary structures design for new bridge structures and demonstrating how the designs will conform to the Output Specifications.</p> <p>(k) Provide structural drawings including:</p> | <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> |    | <p>the section.</p> <p>However, determined that bridge aesthetic report does not infringe page limit due to RFI-1072</p> |



| Applicant:           | TransitNEXT  |  |    |   |
|----------------------|--|--|----|---|
| Technical Submission | Completeness Requirements  | Met  |    | Comments  |
|                      |  | Yes  | No |   |
| 2.2                  | Utilities, Geotechnical, Drainage and Stormwater Management, Urban Design and Landscape Architecture (maximum of 45 pages)   | Yes, with conditions                         |    | Geotechnical report is included in page count as per discussions with the BESC, RFC issued to Proponent, Proponent responded and pages identified removed   |
|                      | <p>(2) The Proponent shall provide its approach to address the Utilities, Geotechnical, Drainage, Urban Design, Landscape Architecture at an appropriate level of detail, as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, and is to include the following:</p> <p>(a) Utilities:</p> <p>(b) Provide the final Utility Baseline documents, including the estimated start date for each baselined relocation activity</p> <p>(c) Geotechnical/Geo-Environmental</p> <p>(i) The Proponent shall submit a plan that provides a description demonstrating a clear understanding of key geotechnical issues and challenges.</p> <p>(ii) A preliminary hydrogeological impact assessment and associated risk assessment which includes:</p> <p>(ii) Intentional deleted.</p> <p>(iii) The proposed strategy and approach to monitoring the infrastructure located within and outside the Lands, including:</p> <p>(A) a narrative and drawings indicating the overall approach to the Geotechnical Instrumentation and Monitoring Plan</p> | <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> |    | <p>Utility Conflict Matrix provided in Drawings Volume 4</p> <p>UBR provided in the PBS-1 Works Schedule</p> <p>Drawings submitted as part of Volume 4 however reviewer unable to determine the nature of the drawings</p> <p>Drawings submitted as part of Volume 4 however reviewer unable to determine</p> |

| Applicant:           | TransitNEXT   |   |   |   |
|----------------------|---|---|---|---|
| Technical Submission | Completeness Requirements   | Met   |   | Comments  |
|                      |   | Yes   | No  |   |
|                      | <p>(GIMP);</p> <p>(B) proposed types and locations of geotechnical instrumentation; proposed data collection method(s);</p> <p>(iv) Drawings at a minimum scale of 1:500 that depict the following:</p> <p>(K) Borehole location plan of existing and new boreholes;</p> <p>(L) Geotechnical stratigraphic profiles showing soil and rock types and test results;</p> <p>(M) Additional geotechnical investigation plan;</p> <p>(N) Intentionally deleted;</p> <p>(O) Intentionally deleted;</p> <p>(P) Intentionally deleted;</p> <p>(Q) Geotechnical and hydrogeological instrumentation and monitoring plan;</p> <p>(R) Intentionally deleted;</p> <p>(S) Intentionally deleted; and</p> <p>(T) Effluent conveyance plan showing treatment and discharge locations.</p> <p>(d) Drainage and Stormwater Management</p> <p>(v) The Proponent shall provide its approach to the design proposal associated with all drainage elements, including new elements and modifications to existing elements.</p> | <p></p> <p>Y</p> <p></p> <p>Y</p> <p>Y</p> <p>Y</p> <p></p> <p></p> <p>Y</p> <p>Y</p> <p>Y</p> <p></p> <p>Y</p> | <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> | <p>nature of the drawings</p> <p>Clarification to be asked on the page limit as Supplementary Geotechnical Investigation document in Volume 4 is in excess of the page limit (n.b. this document was included twice in every binder except copy 4 of 7)</p> <p>Drawings submitted but reviewer unable to determine the nature of the drawings</p> |



| Applicant:           | TransitNEXT   |                            |    |  |
|----------------------|---|----------------------------|----|--|
| Technical Submission | Completeness Requirements   | Met                        |    | Comments   |
|                      |   | Yes                        | No |  |
|                      | <p>(f) Urban Design and Landscape Architecture</p> <p>(vi) The Proponent shall provide a narrative on the approach to developing the Urban Design and Landscape Plan, as required by the Project Agreement.</p> <p>(vii) Landscape drawings that cover the entire Alignment and any associated works.</p> <p>(viii) Landscape drawings showing all MUPs required by the Project Agreement.</p> <p>(ix) The typical enlargements (plan or section), at an appropriate scale to fully illustrate the construction requirements.</p> <p>(x) Visualizations (renderings, manufacturer’s cut-sheets, or precedent images) displaying the distinctive character of the Project.</p> <p>(xi) The Proponent’s approach to integrating City-supplied public art.</p> | <p>Y</p> <p>Y</p> <p>Y</p> |    | <p>Plan included in Volume 4</p> <p>Reviewer did not observe drawings related to the effluent conveyance plan. Narrative is provided on pg 18 of the General Technical Submission</p> <p>Landscape drawings provided, reviewer unable to determine the nature of the drawings.</p> |
| 2.3                  | Systems Design Submission (maximum of 40 pages)   | Y                          |    |  |
|                      | <p>(2) The Proponent shall address the Systems design as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, including, but not limited to, the following:</p> <p>(a) How the following integrate into the systems design processes, through a narrative, the use of block diagrams or flowcharts.</p> <p>(b) Communication Systems</p>   | <p>Y</p> <p>Y</p>          |    | <p>2.3 (1) (b) (v) could not be identified</p>   |

| Applicant:           | TransitNEXT   |        |    |          |
|----------------------|---|--------|----|----------|
| Technical Submission | Completeness Requirements   | Met    |    | Comments |
|                      |   | Yes    | No |          |
|                      | (i) An overall Communications Systems block diagram detailing the key subsystems within the Trillium Line Extension<br><br>(c) Signalling & Train Control System narrative  | Y      |    |          |
| 2.4                  | Station Design Submission (maximum of 40 pages)   | Yes    |    |          |
|                      | (2) The Proponent shall address the Station design, as set out in or otherwise referenced in Project Agreement Schedule 15-2, and shall include the following:<br><br>(a) Architectural Written Narrative:<br>(b) Architectural Drawings for each station:<br>(c) Architectural Renderings:<br>(d) Structural Design:<br>(e) Mechanical Design:<br>(f) Electrical Design: | Yes    |    |          |
| 2.5                  | New Walkley Yard Design Submission (maximum of 30 pages)  | YES    |    |          |
|                      | (2) The Proponent shall address the New Walkley Yard design as set out in or otherwise referenced in Project Agreement Schedule 15-2.<br><br>(a) The functional layout of the yard, site layout, parking, access, security, maintenance and administration buildings and a description of the work flow processes utilized to minimize train movements                    | Y<br>Y |    |          |

| Applicant:           | TransitNEXT   |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
|                      | (b) Description of the daily servicing and inspection of revenue vehicles.  | Y   |    |          |
|                      | (c) Yard train control, and the location and manner in which Trains will be transferred from Yard Control to Mainline Control.  | Y   |    |          |
|                      | (d) The layout and functional arrangement of City spaces within the New Walkley Yard and a description of the handover process between Project Co and the City's operators. | Y   |    |          |
|                      | (e) Design Approach.  | Y   |    |          |
|                      | (f) General Architectural Description.  | Y   |    |          |
|                      | (g) Code Analysis   | Y   |    |          |
|                      | (h) Environmental Considerations  | Y   |    |          |
|                      | (i) Net and Gross Floor Area Summary  |     |    |          |
|                      | (j) Architectural drawings including:   | Y   |    |          |
|                      | (vii) Context Plan scale 1:1000;  |     |    |          |
|                      | (viii) Site Plan scale 1:400;   |     |    |          |
|                      | (B) Floor plans scale 1:100, showing all rooms/areas numbered.  | Y   |    |          |
|                      | (k) MSF Detailed Drawings   |     |    |          |
|                      | (ix) Exterior Building Elevations – scale 1:100, including the extent of all glazing and cladding materials.  | Y   |    |          |

| Applicant:           | TransitNEXT  |  |   |          |
|----------------------|--|--|---|----------|
| Technical Submission | Completeness Requirements  | Met  |   | Comments |
|                      |  | Yes  | No  |          |
|                      | <p>(l) Structural Design</p> <p>(x) A written narrative of the proposed structural framing system, lateral resisting system, and foundation design.</p> <p>(m) Mechanical Design</p> <p>(xi) General design approach to mechanical systems including HVAC, plumbing and drainage systems, equipment selection, etc.; and</p> <p>(n) Electrical Design</p> <p>(xii) Written Narrative</p> <p>(xiii) Electrical drawings including:</p> <p>(C) Single line diagram, preliminary sizing of equipment and feeders to provide a clear understanding of the electrical distribution, emergency and critical power systems along with the expected electrical demand load and</p> <p>(D) Emergency backup generator(s) detail, location and capacity.</p> <p>(o) Shop Equipment</p> <p>(xiv) Proposed shop equipment list for the MSF Facility.</p> <p>(p) Security &amp; Communications</p> <p>(xv) Drawings and narrative to show proposed perimeter security system, proposed access points and any other security systems planned for the</p> | <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> | <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> |          |



| Applicant:           | TransitNEXT   |   |    |  |
|----------------------|---|---|----|--|
| Technical Submission | Completeness Requirements   | Met   |    | Comments   |
|                      |   | Yes   | No |  |
|                      | (b) The Proponent is to package the design drawing submission requirements listed above into a separate “Airport Link Drawing Submission”.  | Y   |    | that items 2.5 – 2.9 have not been included, which complies with RFP Part 1 to Schedule 3, 2.7(1)(a)(ii) |
| 2.8                  | System Safety and Security Certification (Maximum Pages 15)   | Y   |    |  |
|                      | <p>(1) Provide a narrative detailing how safety and systems assurance will be systematically managed throughout design, construction and maintenance and the process that will be used to develop the system safety case and safety management system.</p> <p>(2) Describe the methodology that will be used to evaluate and develop system assurance requirements including the identification and mitigation of hazards associated with the proposed design.</p> <p>(3) Provide a narrative detailing how the design of the system will be optimized in terms of safety, operations, reliability, availability, maintainability and life cycle cost, service dependability, failsafe design and failure management of the system operation.</p> <p>(4) Provide a narrative detailing how systems assurance requirements outlined during the design phase will be implemented throughout the Maintenance Term.</p> <p>(5) he above narratives shall consider and address the following key issues:</p> <p>(a) Safety certification, security certification , independent verification and management of safety and security for the construction and operation;</p> <p>(b) Configuration control;</p> <p>(c) application of controls throughout the concession period;</p> | <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> |    |  |

| Applicant:           | TransitNEXT  |            |    |          |
|----------------------|--|------------|----|----------|
| Technical Submission | Completeness Requirements  | Met        |    | Comments |
|                      |  | Yes        | No |          |
|                      | (d) Integration;<br>(e) Details of the processes and schedule used to connect all systems and prove functionality and safe operation;<br>(f) Post construction pre-revenue certification;<br>(g) details of the process of independent reviews on system safety critical items;<br>(h) Safety auditing during operational service;<br>(i) Schedule of regular audit and controls; and<br>(j) Reporting of key metrics to the City. | Y          |    |          |
| <b>2.9</b>           | <b>Dow’s Lake Tunnel Design Submission (maximum of 10 pages)</b>   | <b>Y</b>   |    |          |
|                      | (1) Design Submission and approach narrative<br>(3) The Proponent shall address the Dow’s Lake Tunnel design at an appropriate level of detail, as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement.   | Y          |    |          |
| <b>3.0</b>           | <b>CONSTRUCTION SUBMISSION</b>   |            |    |          |
| <b>3.1</b>           | <b>Emergency Response Plan (maximum of 20 pages)</b>   | <b>YES</b> |    |          |
|                      | (2) The Proponent shall submit an Emergency Response Plan that both describes the Proponent’s proposed approach during the construction period to protecting the travelling public and minimizing public disruption, and fulfills the requirements of the Output Specifications.   | Yes        |    |          |

| Applicant:           | TransitNEXT   |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
| 3.2                  | Traffic and Transit Management Plan and Construction Access Management Plan (maximum of 40 pages)   | YES |    |          |
|                      | (4) The Proponent shall submit a draft of the Traffic and Transit Management Plan as required by the Output Specifications.   | Yes |    |          |
|                      | (5) The Proponent shall submit a draft of the Construction Access Management Plan as required by the Output Specification   | Yes |    |          |
| 3.3                  | Construction Plan (maximum of 40 pages, excludes staging drawings)  | YES |    |          |
|                      | (2) The Proponent shall submit a Construction Management Plan specific to the Project which describes the Proponent’s approach and methodology to achieving the requirements of the Project Agreement, including its approach to scheduling, materials management, procurement, resource management (labour and equipment), Subcontractor management, coordination, reporting and internal governance, and integration of design and Construction Activities. |     |    |          |
|                      | (a) The Proponent’s Construction Management Plan shall address the following items (including staging drawings to effectively illustrate proposed methodology):   | Yes |    |          |
|                      | (i) key Construction Activities impacting the existing Trillium Line and strategies to manage work both within and adjacent to the active existing Trillium Line;   | Yes |    |          |
|                      | (ii) key Construction Activities impacting the  | Yes |    |          |



| Applicant:           | TransitNEXT  |            |    |          |
|----------------------|--|------------|----|----------|
| Technical Submission | Completeness Requirements  | Met        |    | Comments |
|                      |  | Yes        | No |          |
|                      | <p>OMCIAA;</p> <p>(iii) protection of and relocation of Utility Infrastructure; and</p> <p>(iv) Coordination with VIA, NRC, CN, Utility Companies, Carleton University, third party vendors, and additional contractors.</p> <p>(3) The Proponent shall submit a description of its planned approach to the design and construction staging and how the staging matches into the draft Proposed Works Schedule, the draft Interim Works Schedule and Traffic and Transit Management Plan. The Proponent’s description shall include a description of the following:</p> <p>(a) the staging of the Project with specific reference to the ability of the Proponent to maintain traffic operations on all provincial and municipal highways and all adjacent municipal roads, as well as full scheduled rail services.</p> | Yes        |    |          |
|                      |  | Yes        |    |          |
|                      |  | Yes        |    |          |
|                      |  | Yes        |    |          |
| <b>3.4</b>           | <b>System Testing and Commissioning Plan (maximum of 25 pages)</b>   | <b>YES</b> |    |          |
|                      | <p>(3) The Proponent shall submit their approach to Testing and Commissioning, detailing how the testing and commissioning activities and handover of the Works will be undertaken prior to Substantial Completion. The approach must be in accordance with the requirements of the Project Agreement (Schedule 14 – Testing and Commissioning).</p> <p>(4) The Proponent shall provide a narrative demonstrating an understanding of and compliance with Project Agreement Schedule 15-2, Part 1, Article 3 – Operational Performance Requirements and other operations-related criteria.</p>   | Yes        |    |          |
|                      |  | Yes        |    |          |

| Applicant:           | TransitNEXT   |   |    |   |
|----------------------|---|---|----|---|
| Technical Submission | Completeness Requirements   | Met   |    | Comments  |
|                      |   | Yes   | No |   |
| 3.5                  | Health and Safety Certification (no page limit)   | YES   |    |   |
|                      | <p>(5) Provide evidence of COR Certification in good standing, current to the Submission Deadline, for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the Project, or to the extent that such party does not have COR Certification, evidence of OHSAS 18001 or ISO 45001 Accreditation in good standing, current to the Submission Deadline, together with evidence that such party has made an application to IHSA for its COR Certification.</p> <p>(6) Provide a WSIB clearance certificate, or, if a WSIB clearance certificate is not available, equivalent documentation from another jurisdiction, current to the Submission Deadline for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the Project.</p> <p>(7) A CAD-7, or, if a CAD-7 is not available, equivalent documentation from another jurisdiction, current to the Submission Deadline for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the Project.</p> <p>(8) A current Workplace Injury Summary Report (“WISR”) or, if a WISR is not available, equivalent documentation from another jurisdiction current to the Submission Deadline for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the Project.</p> | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |    | <p>COR certificate not submitted, an equivalent ISO 18001 Certificate in lieu. Letter recognizing the firm is in the process of taking the necessary steps to achieve COR in the Province of Ontario.</p> |
| 3.6                  | Mobility Matters Lanes (maximum of 5 pages)   | YES   |    |   |

| Applicant:           | TransitNEXT   |  |   |   |
|----------------------|---|--|---|---|
| Technical Submission | Completeness Requirements   | Met  |   | Comments  |
|                      |   | Yes  | No  |   |
|                      | <p>(1) Requirement of Traffic and Transit Mobility Management Plan</p> <p>(a) Traffic and Transit Management Plan – Lanes</p> <p>(i) Summary</p> <p>(A) Each Proponent shall create a TTMP during the development of their Proposal upon which the Reference Lane Closures and Aggregate Target Lane Closure shall be based,,</p> <p>(B) The Proponent shall provide a narrative explaining the variance between the Aggregate Target Lane Closure provided in the draft Lane Closure Target Letter and the TTMP</p> <p>(2) Submittals – LANES</p> <p>(a) Each Proponent shall submit the following with its Proposal:</p> <p>(i) Draft Lane Closure Target Letter as required by the Project Agreement, based on the TTMP and including the Aggregate Target Lane Closure together with the Proponent’s TTMP appended to the Lane Closure Target Letter.</p> <p>(ii) Narrative indicating primary features included in the Proponent’s TTMP and illustrating the measures incorporated into the Proponent’s design. Provide a written statement of how Project Co will manage construction to ensure the measures in the Proponent’s design realize their full potential.</p> <p>(iii) Description and reports of any software or calculations used. Narrative describing differences between results of TTMP and Aggregate Target Lane Closure.</p> | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> | <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> | <p></p> <p></p> <p></p> <p></p> <p>Yes, included as a sub-heading in the letter</p> <p>Yes, included as a sub-heading in the letter</p> |
| 4.0                  | MAINTENANCE AND REHABILITATION SUBMISSION   |  |   |   |

| Applicant:           | TransitNEXT  |     |    |  |
|----------------------|--|-----|----|--|
| Technical Submission | Completeness Requirements  | Met |    | Comments   |
|                      |  | Yes | No |  |
| 4.1                  | Maintenance & Rehabilitation Approach to Part 1 of Schedule 15-3 of the Project Agreement (maximum of 30 pages)  | Y   |    |  |
|                      | (2) Describe the Proponent’s overall approach to Maintenance and Rehabilitation Services including the process of planning for mobilizing, managing, implementing and achieving the requirements and obligations set out in Part 1 of Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement.<br><br>(3) Provide a description of the approach of the Maintenance Director to problems encountered, solutions identified and strategies implemented, based on their experience on comparable transit projects, for:  | Y   |    |  |
| 4.2                  | Maintenance & Rehabilitation Approach to Appendix A (Maintenance Performance Requirements) to Schedule 15-3 of the Project Agreement (maximum of 30 pages)   | Y   |    |  |
|                      | (5) Describe the Proponent’s overall approach to Maintenance and Rehabilitation Services, including a description of the Proponent’s approach to managing, implementing and achieving the requirements and obligations set out in Appendix A to Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement.<br><br>(6) Provide a description of the Proponent’s approach to limiting the impact of Maintenance and Rehabilitation Services on Passengers, the public and System Users,<br><br>(7) Provide a description of the Proponent’s approach to data management, covering as a minimum the different elements of the System Infrastructure, data collection, data recording, data storage, data reporting and access to data. | y   |    | Mislabeled references to PSOS/PA for 4.2 (3) (f), 4.2 (4) is labelled as 4.2 (2) |



| Applicant:           | TransitNEXT   |     |    |                         |
|----------------------|---|-----|----|-------------------------|
| Technical Submission | Completeness Requirements   | Met |    | Comments                |
|                      |   | Yes | No |                         |
|                      |   |     |    |                         |
|                      | <b>APPENDICES</b>   |     |    |                         |
|                      | Trillium Line RFP Schedule 4 - Proposal Submission Form                 | Y   |    |                         |
|                      | Trillium Line RFP Schedule 5 - Participant Conflict Screening List      | Y   |    |                         |
|                      | Trillium Line RFP Schedule 6 - Proponent Team Member Declaration        | Y   |    |                         |
|                      | Trillium Line RFP Schedule 7 - Certificate of Officer                   | Y   |    |                         |
|                      | Trillium Line RFP Schedule 8 - Price Form                               |     | N  | Financial not submitted |
|                      | Trillium Line RFP Schedule 9A - Standby Letter of Credit                | Y   |    |                         |
|                      | Trillium Line RFP Schedule 11 - Proponent Proposal Submission Checklist | Y   |    |                         |

**Appendix C - Completeness Review Team Checklist**

Trillium Link [TLink] Working Documents

|  |   |
|--|---|
| <b>Applicant:</b>  | Trillium Link [TLink]   |
| <b>Submission Opening Room:</b>  | Ogilvy Boardroom  |
| <b>Date / Time Record for Receipt of Submission:</b>                             | Thursday, August 9 <sup>th</sup> , 2018; 10:03AM  |
| <b>Date of Submission Opening:</b>   | August 13, 2018   |
| <b>Time of Submission Opening:</b>   | 9:53AM EST (Box 1 of 9 and Box 2 of 9 for Conflict of Interest Check)<br>August 15, 2018: 9:47AM EST (remaining boxes for Completeness Check)   |
| <b>Participants Present at Opening:</b>  | Emily Marshall-Daigneault, City of Ottawa<br>Chris Gillcash, City of Ottawa [Conflict Review Team]<br>Catherine Burden, City of Ottawa [Conflict Review Team]<br>Katelyn Kornelson, City of Ottawa<br>Benedict Wray, Norton Rose Fulbright<br>Michael Harvey, Deloitte<br>Raquel Gold, Boxfish (August 15 <sup>th</sup> only) |
| <b>Correct no. of copies submitted (Y/N):</b>                                    | Yes   |
| <b>Confirmation: financial information not included in technical submission.</b> | Confirmed   |
| <b>Comments</b>  | - Cover letter removed;<br>- Additional financial information in Appendix 3 removed as not required.  |



|  |  |
|--|--|
|  | - Bank conflict requirements, updated after speaking with Fairness that the Bank of Nova Scotia would not need to be included in Conflict Check with participants for it would make the processes unduly cumbersome. |
|--|--|

| CONFLICT CHECK PROCESS  |  | (YES/NO) | Comments |
|---|--|----------|----------|
| Appendix A  | Completeness Review Team to list the Proponent Team Members and related entities for each of the submitted bids  | YES      |          |
| Appendix B  | Each member of the Completeness Team, Conflict of Interest Team completes Appendix B declarations and signs Undertaking  | YES      |          |
| Confirmation from Fairness, Legal to begin Completeness Check | Fairness and Legal review Appendix B for Conflict of Interest Team and Completeness Team to ensure members are not conflicted out of process; confirmation to continue with completeness | YES      |          |

**High-Level Inclusion Check:**

| <b>A. PROPOSAL SUBMISSION FORMS &amp; DECLARATIONS</b> |   | <b>(YES/NO)</b> | <b>Comments</b>   |
|--|---|-----------------|---|
| RFP Schedule 4   | Proposal Submission Form  | YES             |   |
| RFP Schedule 5   | Participant Conflict Screening List   | YES             | Currently missing Name of Identified Proponent Parties for Bank of Nova Scotia and GRC Architects in the list, RFC issued and has been provided           |
| RFP Schedule 6   | Proponent Team Member Declaration for each Proponent Team Member;                       | YES             | Currently missing signed Schedule 6 Declaration Forms for Westbridge and Harry Saporta, RFC issued, and determined that the entities are not Team Members |
| RFP Schedule 7   | Proponent Prime Team Member Certificate of Officer for each Proponent Prime Team Member | YES             | Present, unable to determine the Prime Team Members based on the definition in the RFP  |
| RFP Schedule 9A  | Proponent Standby Letter of Credit  | YES             | Letter of Credits provided by 3 creditors RFP Main Body 9.3 at the Preferred Proponent stage, at the discretion of the City of Ottawa                     |
| RFP Schedule 11  | Proponent Proposal Submission Checklist   | YES             |   |
| <b>B. TECHNICAL SUBMISSION</b>                         |   | <b>(YES/NO)</b> | <b>Comments</b>   |
| <b>1.0 GENERAL TECHNICAL SUBMISSION</b>                |   |                 |   |
| 1.1  | Project Management Plan   | YES             |   |
| 1.2  | Integrated Management System  | YES             |   |
| 1.3  | Environmental Management Plan   | YES             |   |
| 1.4  | Construction Communications and Stakeholder Engagement                                  | YES             |   |
| 1.5  | Works Schedule PBS-1  | YES             |   |
| 1.6  | Risk Management Plan  | YES             |   |
| 1.7  | Systems Integration Management Plan (SIMP)  | YES             |   |
| 1.8  | Early Works Agreement   | YES             | Schedule of Completed Values included as part of Section 1.8, will be removed   |

| <b>2.0 DESIGN SUBMISSION</b>                         |   | <b>(YES/NO)</b> | <b>Comments</b>   |
|--|---|-----------------|---|
| 2.1  | Civil and Guideway Design Submission  | YES             | RFI 1072 – Aesthetic Design Report is not included in 50 page limit |
| 2.2  | Utilities, Geotechnical, Drainage and Stormwater Management, Urban Design, Landscape Architecture     | YES             |   |
| 2.3  | Systems Design Submission   | YES             |   |
| 2.4  | Stations Design Submission  | YES             |   |
| 2.5  | New Walkley Yard Design Submission  | YES             |   |
| 2.6  | New Vehicle Fleet Design Submission   | YES             |   |
| 2.7  | Airport Link  | YES             |   |
| 2.8  | System Safety and Security Construction   | YES             |   |
| 2.9  | Dows Lake Tunnel Design Submission  | YES             |   |
| <b>3.0 CONSTRUCTION SUBMISSION</b>                   |   | <b>(YES/NO)</b> | <b>Comments</b>   |
| 3.1  | Emergency Response Plan   | YES             |   |
| 3.2  | Traffic and Transit Management Plan and Construction Access Management Plan                           | YES             |   |
| 3.3  | Construction Management Plan  | YES             |   |
| 3.4  | Testing and Commissioning Plan  | YES             |   |
| 3.5  | Health and Safety Certification   | YES             |   |
| 3.6  | Lane Closure Target Letter and Traffic Mobility Management Plan (Lanes)                               | YES             | Referenced in Section 3.6, but outlined main body 3.2(1)            |
| <b>4.0 MAINTENANCE AND REHABILITATION SUBMISSION</b> |   | <b>(YES/NO)</b> | <b>Comments</b>   |
| 4.1  | Maintenance and Rehabilitation Approach to Part 1 of Schedule 15-3 of the Project Agreement;          | YES             |   |
| 4.2  | Maintenance and Rehabilitation: Approach to Appendix A of Schedule 15-3 of the Project Agreement;     | YES             |   |
| 4.3  | Maintenance and Rehabilitation: Approach to Appendix B of Schedule 15-3 of the Project Agreement; and | YES             |   |

|                                |  |                 |                   |
|--------------------------------|--|-----------------|-------------------|
| 4.4                            | Maintenance and Rehabilitation: Approach to Appendix C of Schedule 15-3 of the Project Agreement and Schedule 23 of the Project Agreement. | YES             |                   |
| <b>C. FINANCIAL SUBMISSION</b> |  | <b>(YES/NO)</b> | <b>Comments</b>   |
| 1                              | Total Submission Price   | NO              | Not submitted yet |
| 2                              | Quality of Proposed Financing Plan   | NO              | Not submitted yet |
| RFP Schedule 8                 | Price Form   | NO              | Not submitted yet |

| COPIES AND PAGE NUMBERS |  | # of Printed Copies     | (YES/NO) |
|-------------------------|--|-------------------------|----------|
| A                       | General Submission   | 1 original and 4 copies | YES      |
| 1.                      | General Technical Submission (Section 1.0 of Part B)   | 1 original and 7 copies | YES      |
| 2.                      | Design Submission (Section 2.0 of Part B)  | See Below               |          |
|                         | <b>Written Design Submissions:</b> The written portion of the Design Submission is to be provided in standard 3-ring loose-leaf binders together with the Design Drawing Submissions (as defined below), which are not to be mounted on presentation boards. | 1 original and 7 copies | YES      |
|                         | <b>Design Drawings Submissions:</b> The drawings portion of the Design Submission is to be provided in two bound sets of half-size drawings, to scale, in colour where colour coded or rendered, printed on A3 (11"x17") size paper.                         | -                       |          |
|                         | Mainline Drawing Submission  | 1 original and 7 copies | YES      |
|                         | Airport Link Drawing Submission  | 1 original and 7 copies | YES      |

|    |   |                         |     |
|----|---|-------------------------|-----|
| 3. | Construction Submission (Section 3.0 of Part B)                   | 1 original and 7 copies | YES |
| 4. | Maintenance and Rehabilitation Submission (Section 4.0 of Part B) | 1 original and 7 copies | YES |

| ELECTRONIC COPIES AND PAGE NUMBERS |  | (YES/NO) | Comments          |
|------------------------------------|--|----------|-------------------|
| 1.                                 | <p><b>Five packages</b>, one clearly marked “original”, each including the following:</p> <p>(vii) Part C – Financial Submission;<br/>                     (viii) RFP Schedule 8 - Price Form; and<br/>                     (ix) draft Lane Closure Target Letter</p>  | NO       | Not yet submitted |
| 2.                                 | <p>Part A – General Submission</p> <p><b>Three portable hard drives</b>, or USB flash drives, containing Part A in PDF format and in editable native file format</p>   | YES      | 3 USBs submitted  |
| 3.                                 | <p>Part B – Technical Submission</p> <p><b>Five portable hard drives</b> or USB flash drives containing Part B in PDF format and in editable native file format</p>  | YES      | 5 USBs submitted  |
| 4.                                 | <p>Part C – Financial Submission</p> <p><b>Four portable hard drives</b> or USB flash drives containing Part C in PDF format and in editable native file format. For clarity, the portable hard drives or USB flash drives shall also contain the Financial Model which shall have the Price Form embedded within.</p> | NO       | Not yet submitted |

| Applicant:           |  | Trillium Link |    |  |
|----------------------|--|---------------|----|--|
| Technical Submission | Completeness Requirements  | Met           |    | Comments   |
|                      |  | Yes           | No |  |
| 2.0                  | General Technical Submission   |               |    | -  |
| 2.1                  | Project Management Plan (maximum of 30 pages, excluding curriculum vitae)  | Y             |    |  |
| 1.1.1                | General Approach – Project Management Plan   | Y             |    |  |
|                      | <p>(8) The Proponent shall submit its approach to its team organization, structure and processes, communications and engagement, and integration of team members.</p> <p>(i) the Proponent’s approach for developing and maintaining a successful partnership and managing the interfaces with the Sponsor;</p> <p>(ii) the Proponent’s approach to maximizing integration of the activities of the Proponent Team Members;</p> <p>(iii) the Proponent’s approach to the design development process including working in collaboration;</p> <p>(iv) the Proponent shall ensure that the applicable stakeholders and Government Authorities’ requirements are incorporated into design work to be reviewed through the Schedule 10 – Review Procedure;</p> <p>(v) the Proponent’s approach to design and construction staging and how the staging matches into the draft Proposed Works Schedule and draft Interim Works Schedule;</p> <p>(vi) an organization chart clearly indicating the Proponent’s team structure including all management staff;;</p> <p>(vii) a description of the Proponent’s approach to managing the resources of the Proponent, as Project Co;</p> <p>(viii) the Proponent’s approach for integrating and co-ordinating the activities of the Project Co Representative and Sponsor;</p> | Y             |    | Some positions are named, others are listed as the position only |

| Applicant:           | Trillium Link   |     |    |   |
|----------------------|---|-----|----|---|
| Technical Submission | Completeness Requirements   | Met |    | Comments  |
|                      |   | Yes | No |   |
|                      | (ix) a description of the Proponent’s approach to internal decision-making and internal reporting mechanisms; and   | Y   |    | Not all the third parties listed in the requirements are outlined in their plan (CN, VIA), subject to Conformance |
|                      | (x) a list of Key Individuals as detailed in Schedule 9 of this Project Agreement, to include a curriculum vitae for each Key Individual highlighting each individual’s experience and including information about his or her role; | Y   |    |   |
|                      | (9) Intentionally Deleted   | Y   |    |   |
|                      | (10) Coordination with Maintenance Contractors and other Third Parties  | N/A |    |   |
|                      | (a) The Proponent shall describe its project management strategy for assuming responsibility for the Existing Trillium Line and Existing Vehicle Fleet on commencement of the Trillium Line Shut-Down.                              | Y   |    |   |
|                      | (b) The Proponent shall describe its project management strategy for the coordination of design, construction and maintenance with ongoing operations across the VIA/Ellwood and CN/Walkley diamonds.                               | Y   |    |   |
|                      | (c) The Proponent shall describe its project management strategy for adhering to the City’s Third Party agreements with CP, VIA, CN, NRC and the OMCIAA.  | Y   |    |   |
|                      | (11) Permits, Licences, Approvals and Agreements Strategy   | Y   |    |   |
|                      | (a) a detailed description of its planned approach to obtain all Permits, Licences, Approvals and Agreements in a timely way  | Y   |    |   |
|                      | (b) a detailed description of any additional required Permits, Licences, Approvals and Agreements not contained within  | Y   |    |   |

| Applicant:           | Trillium Link  |     |    |          |
|----------------------|--|-----|----|----------|
| Technical Submission | Completeness Requirements  | Met |    | Comments |
|                      |  | Yes | No |          |
|                      | <p style="text-align: center;">to Schedule 32</p> <p>(12) Drawing Control during Construction</p> <p>(c) The Proponent shall submit a detailed description of its strategy for control of the Issued for Construction Drawings through the construction period.</p>  | Y   |    |          |
| 1.2                  | <b>Integrated Management System (maximum of 30 pages)</b>  | Yes |    |          |
|                      | <p>(5) Integrated Management System – General</p> <p>(c) The Proponent shall submit a description of its planned approach to planning and delivering the Integrated Management System (“IMS”) that covers all activities, products and services related to the design and construction</p> <p>(d) The Proponent’s description of its IMS in accordance with Section 1.2(a) shall include:</p> <p style="padding-left: 20px;">(i) the Proponent's general approach to IMS and its IMS and philosophy;</p> <p style="padding-left: 20px;">(ii) the Proponent's process for updating its IMS and other related documentation;</p> <p style="padding-left: 20px;">(iii) Intentionally Deleted</p> <p style="padding-left: 20px;">(iv) a description of training and education and other measures that the Proponent will use to ensure that the Proponent will be compliant and competent with all management plans and the Output Specifications;</p> | Yes |    |          |
|                      |  | Yes |    |          |
|                      |  | Yes |    |          |
|                      |  | Yes |    |          |
|                      |  | Yes |    |          |
|                      |  | n/a |    |          |
|                      |  | Yes |    |          |



| Applicant:           | Trillium Link   |   |         |  |
|----------------------|---|---|---------|--|
| Technical Submission | Completeness Requirements   | Met   |         | Comments   |
|                      |   | Yes   | No      |  |
|                      | <p>(v) a description of resources, roles, responsibilities, authority and reporting structured with the Proponent and the Proponent Team Members with respect to the performance of tasks associated with quality; and</p> <p>(vi) a description of the IMS for the Construction Phase and the Maintenance Phase of the Project.</p> <p>(6) Management Plan Documentation</p> <p>(a) Design Management Plan</p> <p>(b) Construction Management Plan</p> <p>(c) Construction Safety Management Plan</p> <p>(d) Maintenance and Rehabilitation Management Plan</p> <p>(e) Maintenance and Rehabilitation Safety Management Plan</p> <p>(f) Testing and Inspection</p> <p>(g) The Proponent shall submit their approach to inspection and testing for all on-site and off-site inspection and test activities for the Works that would be included in the Construction Management Plan (“CMP”). This inspection and testing approach shall include:</p> <p>(xiii) a description of the inspection, testing and monitoring activity;</p> <p>(xiv) a description of the frequency of inspections, tests and monitoring;</p> <p>(xv) reference to standards, codes, specifications, and</p> | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>--</p> <p>Yes</p> | <p></p> | <p>Title incorrectly states “IMS During Design and Construction” but the narrative refers to Construction and Maintenance.</p> <p>Section (f) states it is included in (g)</p> |

| Applicant:           | Trillium Link  |     |    |          |
|----------------------|--|-----|----|----------|
| Technical Submission | Completeness Requirements  | Met |    | Comments |
|                      |  | Yes | No |          |
|                      | acceptance criteria;<br>(xvi) a list of reports and checklists required;<br>(xvii) quality assurance review and witness and hold points;<br>(xviii) a description of the frequency of geotechnical instrumentation monitoring and adherence to acceptance criteria;<br>(xii) a description of the Proponent’s strategy to address the testing requirement of Part 4 of Schedule 17 Environmental Obligations ; and<br>(xiii) a description of the Proponent’s strategy to address the requirements of Schedule 11 – Integrated Management System Requirements.                                   |     |    |          |
| 1.3                  | Environmental Management Plan (maximum of 20 pages, excluding (1)(1))  | Yes |    |          |
|                      | (3) The Proponent shall submit a draft Environmental Management Plan that clearly demonstrates the Proponent’s approach to meeting the requirements of Schedule 17.<br>(a) Demonstrate understanding, commitment, capability and approach<br>(b) Provide a narrative on the approach in developing and meeting the requirements of an Environmental Awareness and Education Plan<br>(c) Intentionally Deleted<br>(d) Define and describe processes for monitoring and reporting on environmental obligations with a description of the pertinent environmental processes to be undertaken by the | Y   |    |          |





| Applicant:           | Trillium Link  |     |    |  |
|----------------------|--|-----|----|--|
| Technical Submission | Completeness Requirements  | Met |    | Comments   |
|                      |  | Yes | No |  |
|                      | (m) Describe the critical path and critical path activities  | Yes |    | Yes, a schedule reduction by one-month, therefore a 5-month schedule |
|                      | (n) Describe Proponents approach to managing design submissions  | Yes |    |  |
|                      | (o) Describe the Proponent’s approach to meeting the project timelines.  |     |    |  |
|                      | (4) The PBS-1 Works Schedule is to include the following:  | Yes |    |  |
|                      | (o) Identification of the Secondary Works Milestone “NRC Commencement of Shutdown”   | Yes |    |  |
|                      | (p) Identification of the Secondary Works Milestone “NRC Completion of Shutdown”   | Yes |    |  |
|                      | (q) Identification of the resultant 6-month period during which the NRC would not be permitted to move freight to their facility.  | Yes |    |  |
|                      | (r) The 6-month period identified by Section 1.1.1(1)(a), 1.1.1(1)(b), and 1.1.1(1)(c) will be communicated to the NRC and will be added as a contractual requirement in the Project Agreement.  | Yes |    |  |
|                      | (s) Identification of a 9-month period during which the OMCIAA will be required to cease operations at their Loading Dock. This 9-month period will be communicated to the OMCIAA and will be added as a contractual requirement in the Project Agreement. | Yes |    |  |
|                      | (t) A detailed schedule of design and construction as it relates to the Airport Station to facilitate early co-ordination with the OMCIAA. Key dates and timeframes for information sharing, design review and stakeholder input should be included.       | Yes |    |  |
|                      | (u) Identification of important design and construction dates  | Yes |    |  |

| Applicant:           | Trillium Link   |                              |    |          |
|----------------------|---|------------------------------|----|----------|
| Technical Submission | Completeness Requirements   | Met                          |    | Comments |
|                      |   | Yes                          | No |          |
|                      | related to City provided project components such as, Systems Integration tasks, public art and the fare control system.   |                              |    |          |
| 1.6                  | Risk Management Plan (maximum of 10 pages – excluding Risk Register)  | Yes                          |    |          |
| 1.6.1                | Overall Approach to Risk Management   | Y                            |    |          |
|                      | (2) The Proponent shall provide a detailed narrative that outlines the Proponent’s risk management approach and methodologies.<br><br>(k) How risks will be identified, assessed, responded to, and monitored throughout the Project.<br><br>(l) Categories and definitions to be used in support of qualitative analysis of risks.<br><br>(m) Tools and techniques to be used for quantitative analysis of risks.<br><br>(n) How contingency and/or mitigation plans will be developed, implemented, and monitored.<br><br>(o) How the Proponent’s Risk Management process will be integrated with Proponent Team Members. | Y<br><br>Y<br><br>Y<br><br>Y |    |          |
| 1.6.2                | Initial Risk Assessment and Planning  | Y                            |    |          |
|                      | (2) The Proponent shall provide a detailed narrative that outlines the Proponent’s understanding of the risks and challenges specific to the Project.   | Y                            |    |          |

| Applicant:           | Trillium Link   |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
| 1.6.3                | Risk Register (no page limit)   | Y   |    |          |
|                      | (3) The Proponent shall provide a detailed risk register that identifies: <ul style="list-style-type: none"> <li>(a) Project risk items.</li> <li>(b) Probability/likelihood of such risks manifesting themselves on the Project.</li> <li>(c) Potential severity of impact to Project objectives should such risks occur.</li> <li>(d) Triggering events or root causes.</li> <li>(e) Ability to predict or control occurrence.</li> <li>(f) Timeline horizon (i.e. near-term, mid-term, or long-term).</li> <li>(g) Response strategy and mitigation plans for managing each risk.</li> <li>(h) Residual risk assessment after implementation of response and/or a mitigation plan.</li> <li>(i) Regularity of reassessment (i.e. monthly, quarterly, annually; or after a particular Project event or milestone).</li> </ul> | Y   |    |          |
| 1.7                  | Systems Integration Management Plan (SIMP) (maximum of 30 pages)  | Yes |    |          |
|                      | (3) The Proponent shall provide a SIMP which includes: <ul style="list-style-type: none"> <li>(k) A high-level description of how the systems will be integrated along the alignment with the stations and infrastructure and how the system will be integrated with Stage 1, including updates to the head-end management</li> </ul>   | Y   |    |          |

| Applicant:                   | Trillium Link  |                     |    |  |
|------------------------------|--|---------------------|----|--|
| Technical Submission         | Completeness Requirements  | Met                 |    | Comments   |
|                              |  | Yes                 | No |  |
|                              | platform at the TOCC/BCC, and ;<br><br>(l) A preliminary schedule of normal Systems Integration activity including high-level dependency task durations of City Parties where work done is being done by others.   | Y                   |    |  |
| 1.8                          | Early Works Agreement  | Yes                 |    | Appendix 3 includes completed value figures and will be removed  |
|                              | (3) If the Proponent chooses to proceed with the portion of the Works (the “Early Works”) described in Appendix 1 of Schedule 12 to this RFP, the Proponent shall provide the Early Works Agreement in accordance with Section 9.2(4) of the Main Body to this RFP.  | Y                   |    |  |
| <b>2.0 DESIGN SUBMISSION</b> |  |                     |    |  |
| 2.1                          | Civil and Guideway Design Submission (maximum of 50 pages)   | Yes                 |    | Submission is 24 pages plus 40 pages for the Bridge Aesthetic Design Report, over 50, in accordance with RFI-1072 it was not removed |
|                              | (3) The Proponent shall address the guideway design as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, and shall provide a narrative statement describing the alignment design that includes:<br><br>(a) A geometric design brief that outlines horizontal and vertical alignment envelope criteria and lists the features of all alignment segments to confirm that the geometric criteria of the Output Specifications have been met.<br><br>(b) A description of the rationale for the approach alignment into the Stations.<br><br>(c) A description of the rationale for and preliminary details of | Y<br><br>Y<br><br>Y |    |  |



| Applicant:           | Trillium Link   |   |    |          |
|----------------------|---|---|----|----------|
| Technical Submission | Completeness Requirements   | Met   |    | Comments |
|                      |   | Yes   | No |          |
|                      | <p>transitions between the various guideway types.</p> <p>(d) A description of how the track and guideway will be designed to remain free of snow, ice build-up and vegetation that could impact operation of the system.</p> <p>(e) A description of how the Vehicle dynamic envelope will be accounted for in the design of all guideway elements.</p> <p>(f) A description of how system elements will be accommodated within the guideway.</p> <p>(g) A description of how the alignment is being designed to protect for future electrification and double-tracking.</p> <p>(h) Confirmation that the alignment can be designed within the Lands provided.</p> <p>(i) Provide alignment drawings</p> <p>(j) Provide a structural approach describing the preliminary structures design for new bridge structures and demonstrating how the designs will conform to the Output Specifications.</p> <p>(k) Provide structural drawings including:</p> <p>(i) A set of general arrangement drawing of each bridge structure, showing the horizontal and vertical geometry, deck cross-section, type of structure, structure depth, horizontal and vertical clearance to all roads, rails and existing facilities, span arrangements, and preliminary column locations;</p> <p>(ii) Intentionally Deleted.</p> | <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> |    |          |

| Applicant:           | Trillium Link  |  |    |  |
|----------------------|--|--|----|--|
| Technical Submission | Completeness Requirements  | Met  |    | Comments   |
|                      |  | Yes  | No |  |
|                      | <p>(iii) Intentionally Deleted.</p> <p>(l) Provide a separate aesthetic design report for all bridges with aesthetic design level one (high aesthetic design classification).</p> <p>(m) Provide a structural approach describing how the existing structures will be upgraded and maintained to conform to the Output Specifications. The approach shall include a narrative on each Existing Structure and the Proponent's proposed approach to upgrades, lifecycle and maintenance.</p> <p>(n) Provide a roadway approach describing the preliminary roadway design and demonstrating how the designs will conform to the Output Specifications.</p> <p>(o) Provide a trackwork approach describing the preliminary designs for track structure/rail fastening systems and special trackwork demonstrating how the designs will conform to the Output Specifications.</p> <p>(p) Provide trackwork drawings-scale 1:100</p> | <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>N</p> |    | <p>Scale is missing from drawings behind trackwork tab in Vol 2A Section 2.1</p> |
| 2.2                  | Utilities, Geotechnical, Drainage and Stormwater Management, Urban Design and Landscape Architecture (maximum of 45 pages)   | Yes  |    |  |
|                      | (3) The Proponent shall provide its approach to address the Utilities, Geotechnical, Drainage, Urban Design, Landscape Architecture at an appropriate level of detail, as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, and is to include the following:   |  |    |  |

| Applicant:           | Trillium Link   |     |    |                                |
|----------------------|---|-----|----|--------------------------------|
| Technical Submission | Completeness Requirements   | Met |    | Comments                       |
|                      |   | Yes | No |                                |
|                      | <p>(a) Utilities:</p> <p>(i) The Proponent shall submit a narrative that provides a description of the approach to:</p> <p>(A) Identification of existing Utilities;</p> <p>(B) Utility relocation, including protection, including third party fibre optic telecom relocations;</p> <p>(C) Communication and coordination with Utility Companies including articulating an understanding of operational constraints;<br/>Confidential Page 13</p> <p>(D) Communication and coordination with the City, other stakeholders Utility Companies, businesses and property owners;</p> <p>(E) Management of service interruption to property owners;</p> <p>(F) Early identification and mitigation of impacts to critical Utilities;</p> <p>(G) Obtaining Utility Permits and Approvals; and</p> <p>(H) Supplying Utility services to the Project Infrastructure and facilities.</p> <p>(b) Provide the final Utility Baseline documents, including the estimated start date for each baselined relocation activity</p> <p>(c) Geotechnical/Geo-Environmental</p> | Yes |    |                                |
|                      |   | Yes |    | Start dates included in table. |

| Applicant:           | Trillium Link             |  |     |    |          |
|----------------------|---------------------------|--|-----|----|----------|
| Technical Submission | Completeness Requirements |  | Met |    | Comments |
|                      |                           |  | Yes | No |          |
|                      | (i)                       | <p>The Proponent shall submit a plan that provides a description demonstrating a clear understanding of key geotechnical issues and challenges.</p> <p>(A) A narrative that provides a description demonstrating a clear understanding of key geotechnical issues and challenges to include:</p> <p>(I) An interpretation of the geotechnical conditions used in the design development including geotechnical profiles and a summary of geotechnical properties and design parameters</p> <p>(II) A summary of the identified geotechnical conditions, constraints, concerns and outstanding issues. An outline of any additional geotechnical investigations, laboratory testing and analyses proposed to address identified geotechnical/geo-environmental issues, including issue related to sensitive clays and contaminated soils;</p> <p>(III) A summary of any re-use of existing geotechnical structures such as existing foundations and retaining structures</p> <p>(IV) Intentionally deleted;</p> <p>(V) Identification of any geotechnical concerns related to construction adjacent to any existing structures and utilities,</p> | --  |    |          |
|                      |                           |  | --  |    |          |
|                      |                           |  | Yes |    |          |
|                      |                           |  | Yes |    |          |
|                      |                           |  | Yes |    |          |

| Applicant:           | Trillium Link   |   |    |  |
|----------------------|---|---|----|--|
| Technical Submission | Completeness Requirements   | Met                                       |    | Comments   |
|                      |   | Yes                                       | No |  |
|                      | <p>including the design of temporary excavation support, geotechnical instrumentation and monitoring approach and mitigation to protect those facilities; and</p> <p>(VI) Intentionally Deleted.</p> <p>(iv) A preliminary hydrogeological impact assessment and associated risk assessment which includes:</p> <p>(A) A narrative and drawings describing, for the Construction Period:</p> <p>(I) The anticipated groundwater control and effluent treatment/discharge strategy for subsurface excavations describing analysis methods, permitting requirements, anticipated inflows into all subsurface excavations, anticipated magnitude and extent of groundwater drawdown outside of project excavations, anticipated impacts of groundwater drawdown in terms of potential for groundwater lowering induced settlement of compressible soils within the zone of groundwater drawdown, risk for migration of contaminated groundwater to project excavations, shale swelling due to groundwater drawdown, impacts to water supply wells, impacts to ecological features, and mitigation measures to control groundwater inflow and/or detrimental impacts of anticipated</p> | <p>Yes</p> <p>--</p> <p>--</p> <p>Yes</p> |    | <p>Hydrogeological drawings provided in the Design Submission Mainline Drawings, Volume 2A</p> |

| Applicant:           | Trillium Link  |   |    |   |
|----------------------|--|---|----|---|
| Technical Submission | Completeness Requirements  | Met   |    | Comments  |
|                      |  | Yes   | No |   |
|                      | <p>groundwater drawdown; and</p> <p>(B) A narrative and drawings depicting, for the permanent condition:</p> <p>(I) The anticipated groundwater control strategy for subsurface excavations, including the waterproofing systems and anticipated inflows into both the drained and undrained Structures, permitting requirements, and a presentation of the anticipated long-term groundwater drawdown outside of project structures and related impacts.</p> <p>(v) Intentional deleted.</p> <p>(vi) The proposed strategy and approach to monitoring the infrastructure located within and outside the Lands, including:</p> <p>(A) a narrative and drawings indicating the overall approach to the Geotechnical Instrumentation and Monitoring Plan (GIMP);</p> <p>(B) proposed types and locations of geotechnical instrumentation; proposed data collection method(s);</p> <p>(C) reading frequency for each type of instrument;</p> <p>(D) a description of the Response Action Plan for developing Review Level Scenarios, Alert Level Scenarios, and Action level Scenarios and proposed approach for developing contingency</p> | <p>--</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |    | <p>Hydrogeological drawings provided in the Design Submission Mainline Drawings, Volume 2A</p> <p>In section 2.2.1 (c) (iv) (B)</p> |



| Applicant:           | Trillium Link  |     |    |          |
|----------------------|--|-----|----|----------|
| Technical Submission | Completeness Requirements  | Met |    | Comments |
|                      |  | Yes | No |          |
|                      | <p>drainage elements, including quantity, quality, erosion control and water balance;</p> <p>(B) Approach to drainage and stormwater management design including data requirements for the design and decision-making, identifying any additional data that will continue to be collected and how it will be used to support the design process;</p> <p>(C) Hydrologic and hydraulic models and procedures to be used, including their rationale and applicability to the Project;</p> <p>(D) A description of key drainage and stormwater management issues at the different locations, including a plan and approach of how they are to be addressed in design. These include, but are not limited to, issues regarding storm water runoff, groundwater and fisheries, spills, flooding, and other environmental impacts;</p> <p>(E) A description of potential issues and approach in meeting requirements from Stakeholders; and</p> <p>(F) A description of how drainage runoff will be collected and directed away from the guideway.</p> <p>(g) Urban Design and Landscape Architecture</p> | --  |    |          |





| Applicant:           | Trillium Link   |     |    |   |
|----------------------|---|-----|----|---|
| Technical Submission | Completeness Requirements   | Met |    | Comments  |
|                      |   | Yes | No |   |
|                      | <p>(3) The Proponent shall address the Systems design as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement, including, but not limited to, the following:</p> <p>(a) How the following integrate into the systems design processes, through a narrative, the use of block diagrams or flowcharts.</p> <p>(b) Communication Systems</p> <p>(i) An overall Communications Systems block diagram detailing the key subsystems within the Trillium Line Extension</p> <p>(c) Signalling &amp; Train Control System narrative</p> | Y   |    |   |
| 2.4                  | Station Design Submission (maximum of 40 pages)   | Y   |    |   |
|                      | <p>(3) The Proponent shall address the Station design, as set out in or otherwise referenced in Project Agreement Schedule 15-2, and shall include the following:</p> <p>(a) Architectural Written Narrative:</p> <p>(b) Architectural Drawings for each station:</p> <p>(c) Architectural Renderings:</p> <p>(d) Structural Design:</p> <p>(e) Mechanical Design:</p> <p>(f) Electrical Design:</p>  | Yes |    | Drawings and renderings available in both volume 2A and 2B of the drawings, for Airport and Mainline stations. Plan layout, elevation drawings, etc.. |
| 2.5                  | New Walkley Yard Design Submission (maximum of 30 pages)  | Y   |    |   |

| Applicant:           | Trillium Link   |   |    |  |
|----------------------|---|---|----|--|
| Technical Submission | Completeness Requirements   | Met   |    | Comments   |
|                      |   | Yes   | No |  |
|                      | <p>(3) The Proponent shall address the New Walkley Yard design as set out in or otherwise referenced in Project Agreement Schedule 15-2.</p> <p>(q) The functional layout of the yard, site layout, parking, access, security, maintenance and administration buildings and a description of the work flow processes utilized to minimize train movements</p> <p>(r) Description of the daily servicing and inspection of revenue vehicles.</p> <p>(s) Yard train control, and the location and manner in which Trains will be transferred from Yard Control to Mainline Control.</p> <p>(t) The layout and functional arrangement of City spaces within the New Walkley Yard and a description of the handover process between Project Co and the City's operators.</p> <p>(u) Design Approach.</p> <p>(v) General Architectural Description.</p> <p>(w) Code Analysis</p> <p>(x) Environmental Considerations</p> <p>(y) Net and Gross Floor Area Summary</p> <p>(z) Architectural drawings including:</p> <p>(v) Context Plan scale 1:1000;</p> <p>(vi) Site Plan scale 1:400;</p> <p>(C) Floor plans scale 1:100, showing all</p> | <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> <p>Y</p> |    | <p>Drawings are provided however it is up to the Conformance reviewers to assess</p> |

| Applicant:           | Trillium Link  |     |    |   |
|----------------------|--|-----|----|---|
| Technical Submission | Completeness Requirements  | Met |    | Comments  |
|                      |  | Yes | No |   |
|                      | rooms/areas numbered.<br><br>(aa) MSF Detailed Drawings<br><br>(vii) Exterior Building Elevations – scale 1:100, including the extent of all glazing and cladding materials.<br><br>(bb) Structural Design<br><br>(viii) A written narrative of the proposed structural framing system, lateral resisting system, and foundation design.<br><br>(cc) Mechanical Design<br><br>(ix) General design approach to mechanical systems including HVAC, plumbing and drainage systems, equipment selection, etc.; and<br><br>(dd) Electrical Design<br><br>(x) Written Narrative<br><br>(xi) Electrical drawings including:<br><br>(E) Single line diagram, preliminary sizing of equipment and feeders to provide a clear understanding of the electrical distribution, emergency and critical power systems along with the expected electrical demand load and<br><br>(F) Emergency backup generator(s) detail, location and capacity.<br><br>(ee) Shop Equipment | Y   |    | conformance   |
|                      |  | Y   |    | Drawings are provided however it is up to the Conformance reviewers to assess conformance   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    | Electrical drawings included. Reviewer unable to determine the nature of the content of the electrical drawings, it will be up to the Conformance Reviewers to confirm conformance. |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |
|                      |  | Y   |    |   |



| Applicant:           | Trillium Link  |     |    |  |
|----------------------|--|-----|----|--|
| Technical Submission | Completeness Requirements  | Met |    | Comments                               |
|                      |  | Yes | No |  |
| 2.7                  | Airport Link (No limit)  | Yes |    |  |
|                      | (3) The Proponent shall submit its approach to the Airport Link design at an appropriate level of detail as set out in or otherwise referenced in the Project Agreement and Schedule 15.<br><br>(c) The Proponent is to package the design drawing submission requirements listed above into a separate “Airport Link Drawing Submission”.   | Y   |    | No narrative provided – drawings only. |
|                      |  | Y   |    |  |
| 2.8                  | System Safety and Security Certification (Maximum Pages 15)  | Yes |    |  |
|                      | (6) Provide a narrative detailing how safety and systems assurance will be systematically managed throughout design, construction and maintenance and the process that will be used to develop the system safety case and safety management system.<br><br>(7) Describe the methodology that will be used to evaluate and develop system assurance requirements including the identification and mitigation of hazards associated with the proposed design.<br><br>(8) Provide a narrative detailing how the design of the system will be optimized in terms of safety, operations, reliability, availability, maintainability and life cycle cost, service dependability, failsafe design and failure management of the system operation.<br><br>(9) Provide a narrative detailing how systems assurance requirements outlined during the design phase will be implemented throughout the Maintenance Term. | Y   |    |  |
|                      |  | Y   |    |  |
|                      |  | Y   |    |  |
|                      |  | Y   |    |  |
| 2.9                  | Dow’s Lake Tunnel Design Submission (maximum of 10 pages)  | Y   |    |  |
|                      | (2) Design Submission and approach narrative   | Yes |    | Design submission present for Dow’s    |

| Applicant:                         | Trillium Link   |            |    |   |
|------------------------------------|---|------------|----|---|
| Technical Submission               | Completeness Requirements   | Met        |    | Comments  |
|                                    |   | Yes        | No |   |
|                                    | (4) The Proponent shall address the Dow’s Lake Tunnel design at an appropriate level of detail, as set out in or otherwise referenced in Schedule 15-2 of the Project Agreement.  | Yes        |    | Lake Tunnel, conformance to Schedule 15-2 will be determined by Conformance Review Team |
| <b>5.0 CONSTRUCTION SUBMISSION</b> |   |            |    |   |
| <b>5.1</b>                         | <b>Emergency Response Plan (maximum of 20 pages)</b>  | <b>YES</b> |    |   |
|                                    | (3) The Proponent shall submit an Emergency Response Plan that both describes the Proponent’s proposed approach during the construction period to protecting the travelling public and minimizing public disruption, and fulfills the requirements of the Output Specifications.  | Yes        |    |   |
| <b>5.2</b>                         | <b>Traffic and Transit Management Plan and Construction Access Management Plan (maximum of 40 pages)</b>  | <b>YES</b> |    |   |
|                                    | (6) The Proponent shall submit a draft of the Traffic and Transit Management Plan as required by the Output Specifications.   | Yes        |    |   |
|                                    | (7) The Proponent shall submit a draft of the Construction Access Management Plan as required by the Output Specification   | Yes        |    |   |
| <b>5.3</b>                         | <b>Construction Plan (maximum of 40 pages, excludes staging drawings)</b>   | <b>YES</b> |    |   |
|                                    | (4) The Proponent shall submit a Construction Management Plan specific to the Project which describes the Proponent’s approach and methodology to achieving the requirements of the Project Agreement, including its approach to scheduling, materials management, procurement, resource management (labour and equipment), Subcontractor management, coordination, reporting and | Yes        |    |   |

| Applicant:           | Trillium Link  |            |    |          |
|----------------------|--|------------|----|----------|
| Technical Submission | Completeness Requirements  | Met        |    | Comments |
|                      |  | Yes        | No |          |
|                      | internal governance, and integration of design and Construction Activities.  |            |    |          |
| 3.4                  | <b>System Testing and Commissioning Plan (maximum of 25 pages)</b>   | <b>Yes</b> |    |          |
|                      | (5) The Proponent shall submit their approach to Testing and Commissioning, detailing how the testing and commissioning activities and handover of the Works will be undertaken prior to Substantial Completion. The approach must be in accordance with the requirements of the Project Agreement (Schedule 14 – Testing and Commissioning).<br><br>(6) The Proponent shall provide a narrative demonstrating an understanding of and compliance with Project Agreement Schedule 15-2, Part 1, Article 3 – Operational Performance Requirements and other operations-related criteria.  | Y          |    |          |
|                      |  | Y          |    |          |
| 3.5                  | <b>Health and Safety Certification (no page limit)</b>   | <b>Yes</b> |    |          |
|                      | (9) Provide evidence of COR Certification in good standing, current to the Submission Deadline, for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the Project, or to the extent that such party does not have COR Certification, evidence of OHSAS 18001 or ISO 45001 Accreditation in good standing, current to the Submission Deadline, together with evidence that such party has made an application to IHSA for its COR Certification.<br><br>(10) Provide a WSIB clearance certificate, or, if a WSIB clearance certificate is not available, equivalent documentation from another jurisdiction, current to the Submission Deadline for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the | Y          |    |          |
|                      |  | Y          |    |          |



| Applicant:           | Trillium Link  |     |    |          |
|----------------------|--|-----|----|----------|
| Technical Submission | Completeness Requirements  | Met |    | Comments |
|                      |  | Yes | No |          |
|                      | Project.<br>(11) A CAD-7, or, if a CAD-7 is not available, equivalent documentation from another jurisdiction, current to the Submission Deadline for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the Project.<br>(12) A current Workplace Injury Summary Report (“WISR”) or, if a WISR is not available, equivalent documentation from another jurisdiction current to the Submission Deadline for each construction Prime Team Member put forward in the Proponent’s Prequalification Submission in response to the RFQ issued for the Project. | Y   |    |          |
|                      |  | Y   |    |          |
| 3.6                  | Mobility Matters Lanes (maximum of 5 pages)  | Yes |    |          |

| Applicant:   | Trillium Link   |     |    |                                 |
|--|---|-----|----|---------------------------------|
| Technical Submission                                 | Completeness Requirements   | Met |    | Comments                        |
|  |   | Yes | No |                                 |
|  | <p>(4) Requirement of Traffic and Transit Mobility Management Plan</p> <p>(a) Traffic and Transit Management Plan – Lanes</p> <p>(i) Summary</p> <p>(A) Each Proponent shall create a TTMP during the development of their Proposal upon which the Reference Lane Closures and Aggregate Target Lane Closure shall be based,,</p> <p>(B) The Proponent shall provide a narrative explaining the variance between the Aggregate Target Lane Closure provided in the draft Lane Closure Target Letter and the TTMP</p> <p>(2) Submittals – LANES</p> <p>(a) Each Proponent shall submit the following with its Proposal:</p> <p>(i) Draft Lane Closure Target Letter as required by the Project Agreement, based on the TTMP and including the Aggregate Target Lane Closure together with the Proponent’s TTMP appended to the Lane Closure Target Letter.</p> <p>(ii) Narrative indicating primary features included in the Proponent’s TTMP and illustrating the measures incorporated into the Proponent’s design. Provide a written statement of how Project Co will manage construction to ensure the measures in the Proponent’s design realize their full potential.</p> <p>(iii) Description and reports of any software or calculations used. Narrative describing differences between results of TTMP and Aggregate Target Lane Closure.</p> | Yes |    | Included as part of 3.2.1(1)    |
|  |   | Yes |    |                                 |
|  |   | Yes |    |                                 |
|  |   | Yes |    |                                 |
|  |   | Yes |    | Did not use a specific software |
| <b>4.0 MAINTENANCE AND REHABILITATION SUBMISSION</b> |   |     |    |                                 |

| Applicant:           | Trillium Link  |     |    |  |
|----------------------|--|-----|----|--|
| Technical Submission | Completeness Requirements  | Met |    | Comments   |
|                      |  | Yes | No |  |
| 4.1                  | Maintenance & Rehabilitation Approach to Part 1 of Schedule 15-3 of the Project Agreement (maximum of 30 pages)  | Yes |    |  |
|                      | (5) Describe the Proponent’s overall approach to Maintenance and Rehabilitation Services including the process of planning for mobilizing, managing, implementing and achieving the requirements and obligations set out in Part 1 of Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement.<br><br>(6) Provide a description of the approach of the Maintenance Director to problems encountered, solutions identified and strategies implemented, based on their experience on comparable transit projects, for:  | Y   |    |  |
| 4.2                  | Maintenance & Rehabilitation Approach to Appendix A (Maintenance Performance Requirements) to Schedule 15-3 of the Project Agreement (maximum of 30 pages)   | Yes |    | Includes 11x17 but page numbering accounts for this. |
|                      | (9) Describe the Proponent’s overall approach to Maintenance and Rehabilitation Services, including a description of the Proponent’s approach to managing, implementing and achieving the requirements and obligations set out in Appendix A to Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement.<br><br>(10) Provide a description of the Proponent’s approach to limiting the impact of Maintenance and Rehabilitation Services on Passengers, the public and System Users,<br><br>(11) Provide a description of the Proponent’s approach to data management, covering as a minimum the different elements of the System Infrastructure, data collection, data recording, data storage, data reporting and access to data. | Y   |    |  |

| Applicant:           | Trillium Link   |     |    |          |
|----------------------|---|-----|----|----------|
| Technical Submission | Completeness Requirements   | Met |    | Comments |
|                      |   | Yes | No |          |
|                      | (12) Provide a description of the Proponent’s proposed approach to interacting and interfacing with the following entities during the Maintenance Period.   | Y   |    |          |
| 4.3                  | Maintenance & Rehabilitation Approach to Appendix B (Asset Preservation) to Schedule 15-3 of the Project Agreement (maximum of 25 pages (excluding lifecycle work schedule))  | Yes |    |          |
|                      | (13) Describe the Proponent’s overall approach to the asset management and preservation requirements that includes a description of the process of planning for mobilizing, managing, implementing and achieving the requirements and obligations set out in Appendix B of Schedule 15-3 – Maintenance and Rehabilitation Requirements of the Project Agreement, including a preliminary Asset Management Plan.<br><br>(14) Provide a lifecycle replacement/refurbishment work schedule which clearly identifies the asset life, strategy and replacement schedule for the System Infrastructure which will require replacement, refreshment, and/or refurbishment, during the Maintenance Period as part of the Asset Management Plan. | Y   |    |          |
|                      |   | Y   |    |          |
| 4.4                  | Maintenance & Rehabilitation: Approach to Appendix C (Expiry Date Requirements) to Schedule 15-3 and Schedule 23 – Expiry Transition Procedure of the Project Agreement (maximum of 5 pages)  | Yes |    |          |
|                      | (3) Describe the Proponent’s approach to the requirements of Appendix C to Schedule 15-3 and Schedule 23 – Expiry Transition Procedure of the Project Agreement that includes a description of the process of planning for, managing, implementing and achieving the Remaining Service Life at Expiry Date.   | Y   |    |          |

| Applicant:           | Trillium Link   |     |    |  |
|----------------------|---|-----|----|--|
| Technical Submission | Completeness Requirements   | Met |    | Comments                               |
|                      |   | Yes | No |  |
| <b>APPENDICES</b>    |   |     |    |  |
|                      | Trillium Line RFP Schedule 4 - Proposal Submission Form                 | Y   |    |  |
|                      | Trillium Line RFP Schedule 5 - Participant Conflict Screening List      | Y   |    |  |
|                      | Trillium Line RFP Schedule 6 - Proponent Team Member Declaration        | Y   |    |  |
|                      | Trillium Line RFP Schedule 7 - Certificate of Officer                   | Y   |    |  |
|                      | Trillium Line RFP Schedule 8 - Price Form                               |     | N  | Financial Submission not submitted yet |
|                      | Trillium Line RFP Schedule 9A - Standby Letter of Credit                | Y   |    |  |
|                      | Trillium Line RFP Schedule 11 - Proponent Proposal Submission Checklist | Y   |    |  |