PROPONENT:	TLink	FINAL GRADE:	84.94%	REVISED/VALIDATED GRADE:	85.78%
DATE:	Start: 27 Sep 2018, 8:45am	FINAL SCORE:	424.70	REVISED/VALIDATED SCORE	428.90
	End: 27 Sep 2018 1:50pm				

		Maximum Points	Consensus Grade	Positive a
1.0 Genera	Technical Submission			
1.1 Proje	ct Management Plan (maximum of 30 pages, excluding curriculum vitae)			
1.1.1	General Approach – Project Management Plan	15	89%	
				Positive attributes: Well-structured organization, deproject requirements. Organization chart is very comp project. Some key individuals exceed the M&R Director). Considerable rail phases of the project. Narrative identified long lead active Negative attributes: N/A Consensus: 89% (revised)
1.2	Integrated Management System (maximum of 30 pages)	20	80%	
				Positive attributes: The proposed project-specific II templates which have been succe Canada. Proposing a non-conformance re- Negative attributes: Provided limited project-specific i Consensus: 80% (validated)

e and Negative attributes
demonstrating very good understanding of
nprehensive and covers entire length of the
ne RFP requirements (Project Co Director and ail experience across the different teams and
ctivities and dependencies.
IMS documentation is based on Acciona's ccessfully applied in ISO 9001 projects across
reduction incentive program.
c information.

TECHNICAL EVALUATION | CONSENSUS WORKSHEET

PROPONEN	NT:	TLink	FINAL GRADE:	8	4.94%	F	REVISED	D/VALIDATED GRADE:
DATE:		Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	4	24.70	F	REVISED	D/VALIDATED SCORE
					Maximum Points		sensus irade	Positive a
1.3	Enviro	nmental Management Plan (maximum of 20 pag	ges, excluding (1)(l))		15	8	80%	
								Positive attributes: Demonstrates commitment to swhich has been externally recogn Address the monitoring requirem environmental management to the Negative attributes: Limited reference to past experies project-specific information. Consensus: 80% (validated)
1.4	Constr	uction Communications and Stakeholder Enga	gement (maximum of 10 pages)		5	7	75%	
								Positive attributes: Provided details on the marketing Good detail on process for deal the Project (Submission Requi actions. Key individual has local experien Negative attributes: General information, limited proje Consensus: 75% (validated)

	85.78%							
	428.90							
and Negative attributes								
gnized. ments de	ability at corporate level (Acciona), efined in the PA and have linked their management process.							
iences a	iences and lessons learned. Limited detail on							
aling with	used in previous projects. n issues arising at different stages of s section 1.4 (b) (iii)) and specific							
oject-spe	cific detail provided.							

TECHNICAL EVALUATION | CONSENSUS WORKSHEET

PROPONENT:	TLink	FINAL GRADE:	84.94%	REVISED/VALIDATED GRADE:	85.78%
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		Maximum Points	Consensus Grade	Positive a
1.5	Works Schedule PBS-1 (maximum of 10 pages excluding PBS-1)	30	88%	
	(a)			 Positive attributes: Provided a fulsome PBS schedur detail. PBS includes details on the product to a recovery strategy. Time-chainage diagram is well includes information on winter contained with the the strategy. NRC, Airport and City interface as Clear approach to managing dest Negative attributes: Several City activities and permet for February 15, 2019. This dest requirement in RFP Schedule drawings, technical reports, plant the Proponent's Technical Submand and demonstrate that the Prop Project". Consensus: 88% (validated)
1.6	Risk Management Plan (maximum of 10 pages – excluding Risk Register)	5	79%	
				Positive attributes: Team member (Acciona) has a tool, demonstrating commitmer Management. The narrative is clear and concis

and Negative attributes

dule, with very good level of project-specific

oductivity rates and the narrative has reference

ell structured, clear and comprehensive, and constraints, vegetation timing, vehicle delivery,

e schedule is well described. esign submissions.

mits are scheduled as placeholder milestones demonstrate a lack of understanding of the e 3 Part 1, Section A. 3. which states "The ans and other information submitted as part of pmission must address the scope of the Works roponent: (a) understands the scope of the

an established corporate Risk Management ent to a systematic implementation of Risk

ise.

PROPONE	NT: TLink	FINAL GRADE:	84.94%	REVISE	D/VALIDATED GRADE:	85.78%
DATE:	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70	REVISE	D/VALIDATED SCORE	428.90
			Maximum Points	Consensus Grade	Positive and N	egative attributes
					Each Manager in the team structure is risks. Negative attributes: Limited and somewhat generic risk in Internal (in-house) Risk Analysis tool Consensus: 79% (validated)	
1.7	Systems Integration Management Plan (SIMP) (ma	aximum of 30 pages)	15	89%		
					Positive attributes: Good level of detail in the informa strategy, and demonstrating good und Provides a list of key interfaces for tra Good detail provided for the head-end Detailed systems integration schedule Negative attributes: N/A Consensus: 89% (validated)	acking during implementation. d coordination for all phases.
1.8	Early Works Agreement		NOT SCORED			

TECHNICAL EVALUATION | CONSENSUS WORKSHEET

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PROPONEN	T: TLink	FINAL GRADE:	84.94%	REVISE	D/VALIDATED GRADE:	85.78%
DATE:	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70	REVISE	D/VALIDATED SCORE	428.90
			Maximum Points	Consensus Grade	Positive and N	legative attributes
2.0 DESIGN	SUBMISSION					
2.1	Civil and Guideway Design Submission (maximum	of 50 pages)	25	88%		
				750/	 in the network model. Committed to replacing all theexistin ties, which benefits the gauge and lif Drawings provide very good level of future OCS, second track, and roadw Good assessment and approach to t Bridge. Good level of detail in the identification drainage. Piers at Airport Station are designed track. Negative attributes: Leitrim overpass is not compliant wit (b) (iii) (4% grade for rail over road) at the second to the second	detail e.g. existing and new structures, way conditions. he rehabilitation of the Rideau River on and approach to repair work for to accommodate the future second h Schedule 15-2 Part 2, Article 2, 2.9
2.2	Utilities, Geotechnical, Drainage and Stormwater M Landscape Architecture (maximum of 45 pages)	lanagement, Urban Design and	25	75%		
					Positive attributes:	

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Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70	REVISE	D/VALIDATED SCORE	428.90
		Maximum Points	Consensus Grade	Positive and	Negative attributes
				measures. Good analysis on expected dewate Proposal considers the entire conc design. The design was modified to relocations. Landscape plans show proposed low wheel. Negative attributes: Poor landscape design, with drawing clarity, and not addressing the curr Stormwater management and drain no detail on how the data is collect Utilities submission does not demo	ession period with respect to Utility o avoid two UBR listed Enbridge ocations for Public Art and the wayfinding ngs providing very limited detail and ent scope of PSOS. nage with limited overall information, and ed and used in the design. nstrate a good understanding of existing
				Consensus: 75% (validated)	
tems Design Submission (maximum of 40 pages)		25	95%		
				(CBTC), which exceeds the PSOS Station layout drawings provide su layouts.	sticated signaling system in the market requirements. ostantial detail, including CCTV camera of the Systems Design is extensive and
	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	Start: 27 Sep 2018, 8:45am FINAL SCORE:	Start: 27 Sep 2018, 8:45am FINAL SCORE: 424.70 Image: Contract of the second	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm FINAL SCORE: 424.70 REVISE Maximum Points Consensus Grade Image: Consensus of the second seco	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm FINAL SCORE: 424.70 REVISED/VALIDATED SCORE Maximum Points Consensus Grade Positive and Oracle Positive and Grade Positive and Positive and Grade V Maximum Points Consensus Grade Consensus Grade Positive and Positive and Grade V Maximum Points Consensus Grade Conducts Positive and Grade Positive and Positive and Maximum Measures. Good understating of Geotech com measures. Good analysis on expected dewate Proposal considers the entire conc design. The design was modified to relocations. Landscape plans show proposed lo wheel. Negative attributes: Poor landscape design, with drawin clarity, and not addressing the cur Stormwater management and drain no detail on how the data is collect Utilities submission does not demo conditions, and approach to Utility i Consensus: 75% (validated) terms Design Submission (maximum of 40 pages) 25 95% V Positive attributes: Design is providing the most sophit (CBTC), which exceeds the PSOS Station layout drawings provide sut layouts.

PROPONENT:	TLink	FINAL GRADE:	84.94%	REVISE	D/VALIDATED GRADE:	85.78%
DATE:	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70	REVISE	D/VALIDATED SCORE	428.90
			Maximum Points	Consensus Grade	Positive a	nd Negative attributes
					Consensus: 95% (validated)	
2.4 5	station Design Submission (maximum of 40 pages)		30	90%		
					Positive attributes:	
					Passenger flow diagrams, provided for each station, allow a goo understanding of access and circulation, including principle path access paths and emergency egress.	
						drawings depicting all the systems
					Station design demonstrates a baincluding the use of elevators.	alanced approach to vertical circulation,
					Proposing widening the platforms PSOS requirements.	for Carleton Station, which exceeds
					Using fully enclosed Communica PSOS requirements.	tions rooms at each station which excee
					Negative attributes:	
					Bayview station MUP plaza is no package.	t adequately captured in the drawing
					Passenger flow at Uplands Static	n is not intuitive.
					Did not provide fire life safety blo Airport Station.	ck diagram nor single line diagrams for
					Consensus: 90% (validated)	
2.5 N	lew Walkley Yard Design Submission (maximum of 30 p		20	93%		

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DATE:	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70	REVISE	D/VALIDATED SCORE	428.90	
			Maximum Points	Consensus Grade	Positive and Ne	gative attributes	
					Positive attributes:		
					Demonstrated track redundancy from good track layout in the yard.	the yard to the mainline, and a very	
					Provided table of LEED criteria and hor respect to the LEED checklist score ca		
					Drawings provide a good level of deta components.	il, depicting the required maintenance	
					Provided detailed and specific movement diagrams for each operati activity. Very good street presence and layout of entrances and parking area		
					Positioning of equipment to minimize r to adjacent communities.	noise and vibration and overall impac	
					Negative attributes:		
					Lack of information regarding durabilit finishes.	y and maintainability of materials and	
					Submission did not include the require	ed single line diagram.	
					Consensus: 93% (validated)		
2.6 Veh	icle Fleet Design Submission (maximum of 30 pages)		20	95%			
					Positive attributes:		
					Team member (CAF) has significant e		
					board equipment on new and existing		
					Provided several examples of on-goin exceptionally detailed description of m equipment particularly related to the A	odifications to integrate the on-board	
					Propose to separate the Alstom/Stadle the mainline track and the Alstom flee consistency and familiarity of passeng	to the Airport link, which results in	

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TECHNICAL EVALUATION | CONSENSUS WORKSHEET

PROPONENT:	TLink	FINAL GRADE:	84.94%	REVISE	D/VALIDATED GRADE:
DATE:	TE: Start: 27 Sep 2018, 8:45am FINAL S End: 27 Sep 2018 1:50pm FINAL S		424.70	REVISE	D/VALIDATED SCORE
			Maximum Points	Consensus Grade	Positive a
					Negative attributes: N/A Consensus: 95% (validated)
2.7 Airp	ort Link (No limit)		NOT SCORED		
2.8 Syst	tem Safety and Security Certification (Maximun	n Pages 15)	10	85%	
					Positive attributes: Demonstrates a good understand Proposal identified where metrics to the City in several instances. Establishes a Safety and Securit Negative attributes: N/A Consensus: 85% (validated)
2.9 Dow	's Lake Tunnel Design Submission (maximum	of 10 pages)	10	92%	
					Positive attributes: Detailed drawings show clear an compliance, including additional signage requirements.

	85.78%				
	428.90				
and Negative attributes					
and Nega	ative attributes				
and Nega	ative attributes				
and Nega	ative attributes				
and Nega	ative attributes				

anding of all project phases. rics and conformance reports will be provided

rity committee early in the project.

analysis of all upgrades required for NFPA al details such as FTEL locations, and

TECHNICAL EVALUATION | CONSENSUS WORKSHEET

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	Maximum Points	Consensus Grade	Positive a
			Provided an overall condition ass repairs. [Potential Proposal Extra
			New emergency egress staircase exceeds PSOS requirements.
			Negative attributes: N/A Consensus: 92% (validated)

		Maximum Points	Consensus Points	Positive a
3.0 CON	NSTRUCTION SUBMISSION			
3.1	Emergency Response Plan (maximum of 20 pages)	10	83%	
				Positive attributes: Good knowledge of the Airport e Good overall understanding of pr Very clear presentation of the all (Table 3-1: Emergency Respons Identified several generic events Negative attributes: Does not focus on Project Co's r Airport or operational portions or section related to railroad incider
				Consensus: 83% (validated)

and Negative attributes

ssessment clearly identifying all the required ract]

se at the southern end of the tunnel which

and Negative attributes

emergency response process.

- project requirements. allocation of responsibilities to all parties
- nse responsibilities matrix).
- ts and the actions required to address them.

responsibilities and involvement at the or Walkley and Ellwood diamonds (the ents does not fully address CN/VIA).

TECHNICAL EVALUATION | CONSENSUS WORKSHEET

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		Maximum Points	Consensus Points	Positive a
3.2	Traffic and Transit Management Plan and Construction Access Management Plan (maximum of 40 pages)	25	80%	
				 Positive attributes: Identified all construction areas a construction access points. Accesses identified for each wor Good access and egress for maj Discusses a risk analysis and sp Minimizes on-road haul routes by Temporary roads are planned to Negative attributes: Does not provide detail on how the refers to the required TTMP sub-Limited detail about planning and and stakeholders. Roles and responsibilities of the detail. Consensus: 80% (validated)
3.3	Construction Plan (maximum of 40 pages, excludes staging drawings)	40	85%	
				Positive attributes: Identified OCTranspo and fare of Co is required to interface with. Good construction sketches der work, temporary arrangements, a

	85.78%
	428.90
e and Nega	ative attributes
s affecting	g/impacting traffic, including specific
ork locati ajor deliv	
specific c	ase study for each location.
•	ng the alignment. Id for future MUPs.

v the lane closures will be monitored nor lb-plans.

and coordination with other City departments

ne Traffic Manager and supervisors has limited

control subcontractor as parties that Project

demonstrating understanding of the scope of s, and construction phasing.

PROPONENT:	TLink	FINAL GRADE:	84.94%	REVISE	D/VALIDATED GRADE:	85.78%
DATE:	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70	REVISE	D/VALIDATED SCORE	428.90
			Maximum Points	Consensus Points	Positive ar	nd Negative attributes
					quantity surveyors, and discusses tool. Provides a detailed assessment of Uses the corridor as internal had track and ballast. Negative attributes:	g of materials and quantities, monitored by the use of a corporate online procurement of resource loading needs. Il road for segment 4 by removing existing the shows crane on the departures roadway
3.4 Sy	ystem Testing and Commissioning Plan (maxim	um of 25 pages)	25	85%		
					process. Narrative recognizes benefits of e rooms. Strong key individual with relevan IC involvement is discussed in ad	inor deficiencies, involving the City in the ensuring early water tightness of equipment t experience and CBTC experience. equate detail. tions in the passing points and recognize

TECHNICAL EVALUATION | CONSENSUS WORKSHEET

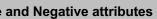
PROPONENT:	TLink	FINAL GRADE:	84.94%	REVISED/VALIDATED GRADE:	85.78%
DATE:	Start: 27 Sep 2018, 8:45am	FINAL SCORE:	424.70	REVISED/VALIDATED SCORE	428.90
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		Maximum Points	Consensus Points	Positive a
3.6	Mobility Matters Lanes (maximum of 5 pages)	5	75%	
				Positive attributes: Provided the cost in the Target L Negative attributes: N/A Consensus: 75% (validated)

		Maximum Points	Consensus Points	Positive a
4.0 MA	INTENANCE AND REHABILITATION SUBMISSION			
4.1	Maintenance & Rehabilitation Approach to Part 1 of Schedule 15-3 of the Project Agreement (maximum of 30 pages)	40	85%	
				Positive attributes: Good organization chart overall. experience, and one of the team Rolling Stock manager is engage vehicle delivery. Provides very detailed tables of p Discusses the use of a daily swee Good specific examples of integra design. Project-specific maintenance relat examples and good itemization of

and Negative attributes

t Letter (quantified an amount).



II. The M&R Director has direct DMU m members (CAF) is a signalling supplier. ged at construction phase and oversees

f personnel with consideration to shift work. veep train.

grating lifecycle considerations into the

elated safety management provides good of requirements.

PROPONENT	TLink	Link FINAL GRADE: 84.94% REVISEI		D/VALIDATED GRADE:	85.78%	
DATE:	Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70	REVISE	D/VALIDATED SCORE	428.90
			Maximum Points	Consensus Points	Positive and Ne	gative attributes
					Negative attributes: Limited detail on maintaining a mixed to Speaks of mobilizing M&R team at cor limited detail regarding mobilization aft shutdown. Consensus: 85% (validated)	nmissioning phase, but there is
	laintenance & Rehabilitation Approach to Append equirements) to Schedule 15-3 of the Project Agr		40	89%		
					 Positive attributes: Clear understanding of year over year Provided a detailed listing of types and maintenance and preventative mainten corrective maintenance. Good approach to mitigating payment expectations. Detailed listing of training requirements Competence Management System ties Reference to an InforEAM software to projects. Negative attributes: Coordination of maintenance activities and OCTranspo is limited. Limited information regarding minimizi adjacent facilities. Generic recognition of Transport Cana Consensus: 89% (revised) 	I frequencies of custodial hance, and common types of deductions and managing KPI s, proposing the implementation of a d to system performance. of MMS system used in previous with other contractors and VIA, CN, ng impacts on system operation and

PROPONE	NT:	TLink	FINAL GRADE:	84.94%	REVISE	REVISED/VALIDATED GRADE:	
DATE:		Start: 27 Sep 2018, 8:45am End: 27 Sep 2018 1:50pm	FINAL SCORE:	424.70 REVISE		D/VALIDATED SCORE	
				Maximum Points	Consensus Points	Positive a	
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))			35	82%		
						 Positive attributes: Lifecycle replacement schedule frenewal strategy. Methodology for inspecting assessignals, communication equipmer Classification systems for the assummary for the approach. Good listing of categories for dee Corrective and Predictive Mainterserviceability, RAMs, and risk bar Negative attributes: Limited information on obsolescence on the vehicles. Replacement schedule values and replacement schedule. Consensus: 82% (validated) 	
4.4	Sched	enance & Rehabilitation: Approach to Appendix C (Expinule 15-3 and Schedule 23 – Expiry Transition Procedure ment (maximum of 5 pages)		10	77%		
	(1)	Describe the Proponent's approach to the requirements of 15-3 and Schedule 23 – Expiry Transition Procedure of the includes a description of the process of planning for, mana achieving the Remaining Service Life at Expiry Date include (a) a preliminary Handover Maintenance Plan that ad requirements contained within Appendix C of Sche Agreement; and	e Project Agreement that aging, implementing and ding, dresses as a minimum the			Positive attributes: Provides a description of an 8-st Describes a condition rating clas consultation with the City. Negative attributes:	

	85.78%
	428.90
e and Nega	ative attributes
le has a g	ood description of the asset life and
ment and	ides good examples for turnouts, trains. detailed and contains a good
	C C
ntenance,	naking amongst Preventative, including deterioration rate, nsequences of failure.
scence th	at doesn't fully address the impact of
are not e	entirely clear in the Lifecycle
	dover procedure. on system which includes

TECHNICAL EVALUATION | CONSENSUS WORKSHEET

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		Maximum Points	Consensus Points	Positive a
(b)	the requirements set out in Schedule 23 – Expiry Transition Procedure of the Project Agreement.			Demonstrates a basic level of ur detail. Consensus: 77% (validated)

e and Negative attributes

understanding but lacks project-specific