



Vancouver British Columbia Canada



Honolulu Transit Symposium 13-14 November 2007

Panel 1 – Institutional Arrangements





Downtown Vancouver

Vancouver Airport

Richmond

Overview

Technology:	Automated Light Metro System
Length of Line:	19 km
No. of Stations (2009):	16
Estimated Daily Riders (2010):	100,000
Water Crossings:	2 bridges + 1 tunnel
Equivalent Road Capacity:	10 lanes
Project Cost:	\$2.054 billion





Who's Doing What

CLCO

InTransitBC

City of
Vancouver /
Richmond

- Acquire Right of Way
- Environmental Assessment
- **Community Liaison**
- Monitor Construction & Operating Performance

- System and Station design
- Traffic Planning & Management
- **Construction Communication and Notification**
- Construction & Operation of line

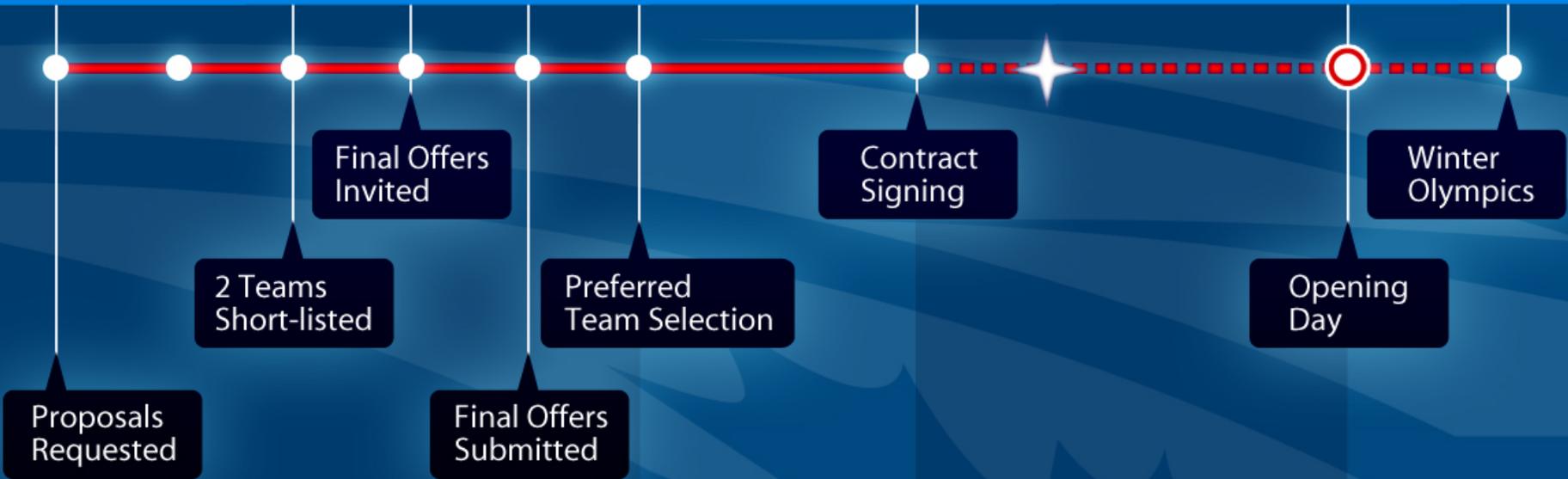
- Advise on Station Location & Design
- Review Consultation Plans
- Construction & Traffic Management Committee
- Design Advisory Process
- Work with RAVCO, InTransitBC & public on day to day issues



Canada Line Timeline

Proposals Submitted

AUG 2003 JAN 2004 MAR 2004 JUL 2004 SEP 2004 NOV 2004 AUG 2005 NOV 2009 FEB 2010



COMPETITION

NEGOTIATION

CONSTRUCTION

START OF SERVICE



Governance

- Canada Line Rapid Transit Inc. (CLCO) is an independently governed company (governance endorsed by four public funders)
- Board of Directors
 - Nine directors
 - No elected officials
 - Majority independent of funding agencies
 - Project expertise
- Mandate well defined
- Clear line between policy and implementation



Funding Partners

(\$2003 – millions of dollars)

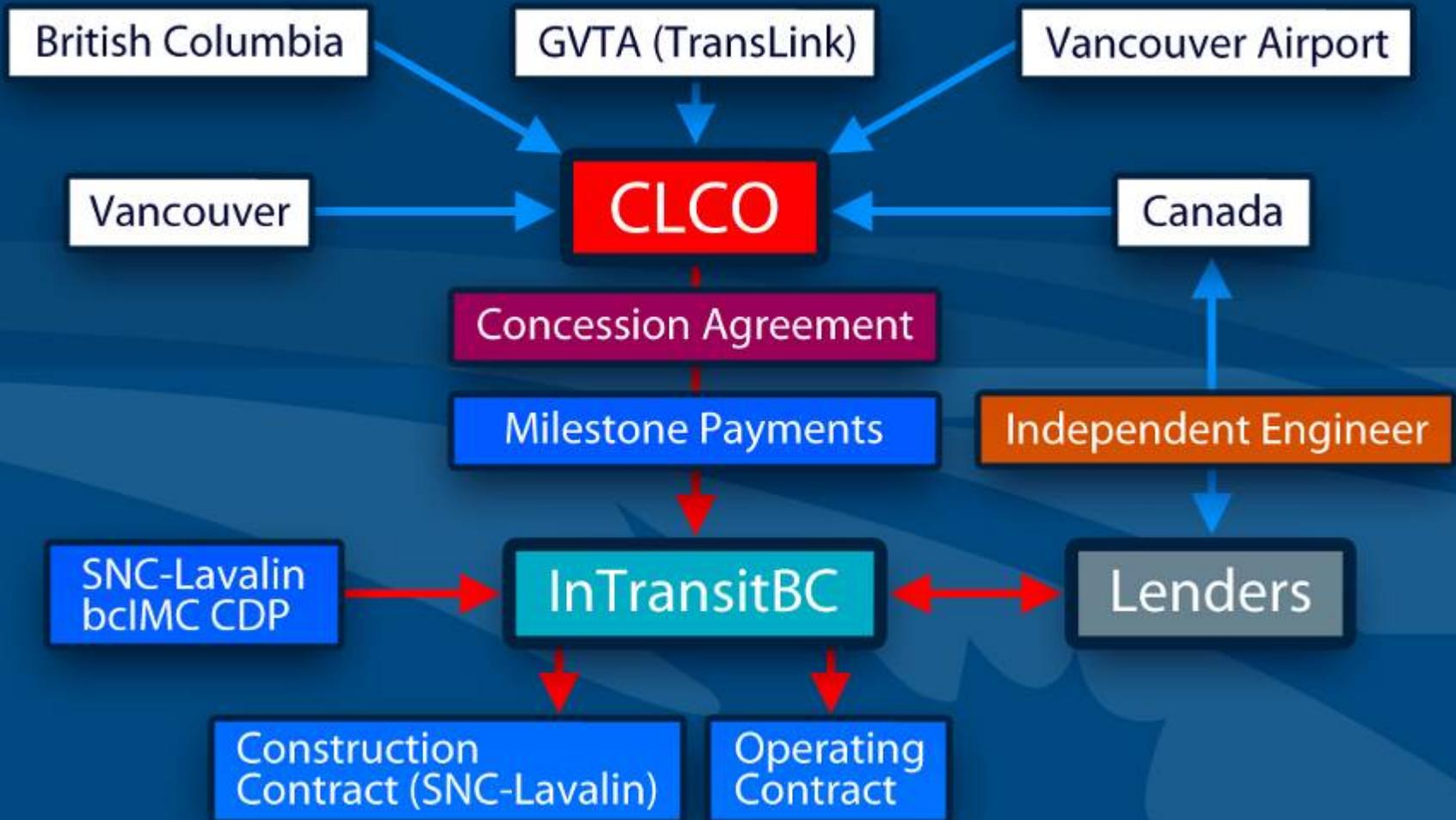


- Federal
- Province
- YVR
- GVTA (TransLink)
- City of Vancouver
- Private Sector

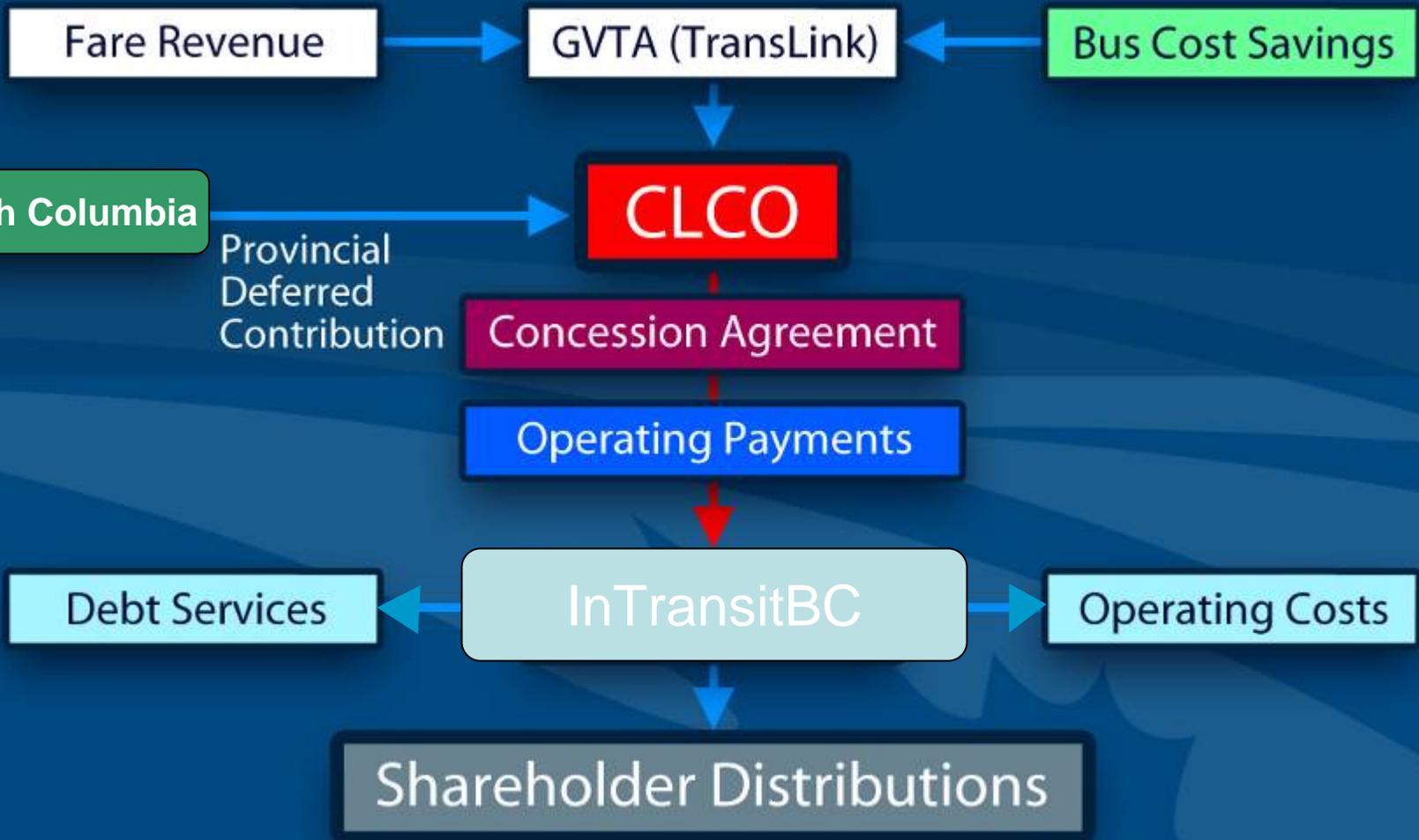
¹ IN ADDITION, \$152 MILLION OF THE PROVINCE'S CONTRIBUTION WILL BE RECOVERED BY INTRANSITBC THROUGH PERFORMANCE PAYMENTS DURING THE OPERATING PERIOD. THESE CONTRIBUTIONS, PLUS A PROVINCIAL CONDITIONAL CONTINGENCY, TOTAL \$435 MILLION (\$NOMINAL).



Contract Structure - Construction



Contract Structure – Operating Period



Procurement Strategy

CLCO

- Performance Standards
- Route
- Stations

Concessionnaire

- Design
- Construct
- Operate
- Maintain



Risk Allocation

RISK	CLCO	Private Partner
Environmental/Regulatory Approvals	✓	✓
Land/Right-of-Way Acquisition	✓	
Undisclosed contaminated soils	✓	
Inflation during Construction Period		✓
Construction (cost and schedule)		✓
Changed soil conditions (tunnelling)		✓
Systems and Civil Works Integration		✓



Risk Allocation

RISK	CLCO	Private Partner
Utilities Relocation	✓	✓
Systems Performance		✓
Ridership and Revenue	✓	✓
Operations and Maintenance		✓
Inflation during Operating Period	✓	✓
Change in Law	✓	✓



Canada Line...

First Departure 2009 and then about every 5 minutes after that



