CIMFP Exhibit P-03215

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Exhibit 17 Joint Cost savings Initiative for Civil Works

Agreement Number: CD0501-001

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Joint Cost Savings Initiative for Civil Works

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1. General

The Parties agree to work in a collaborative fashion to reduce the overall cost of the civil work, and leverage the respective experience of each Party. This approach is further defined herein.

1.1 Transition Compounds –Scope

Company shall be responsible for the execution of the civil work related to site preparation and foundations at the Transition Compounds. Any contractors retained by Company to perform the civil work related to the Transition Compounds are included within the meaning of the Company's Other Contractors.

Company shall be at sole risk for cost and schedule of the above activities during execution of this work.

Contractor is responsible for all other activities including:

- (a) the complete design for the Transition Compounds (except cable sealing ends and their associated lightning arresters);
- (b) supply and install of all above ground structures such as pre-fabricated buildings for the Transitions Compounds and all DC switchyard equipment (except cable sealing ends and their associated lightning arresters);
- (c) supply of all grounding cables and associated rods, connectors, etc.;
- (d) engineering and technical support during construction of the Transition Compounds including for the civil work.

For clarity, refer to Section 5 of the Technical Specifications "Scope of Work" and associated interface drawings, and all other applicable specifications in Exhibit 1 – Scope of Work.

1.2 Converter Stations - Scope

For the Converter Stations, Contractor has priced civil works at the rates, prices and quantities, set forth below (the "Civil Works Baseline", which excludes the civil work related to the Transition Compounds). The cost of the Civil Works Baseline described below and further described in Technical Specifications documents entitled "Scope of Work", "Civil Works Specification" and "Buildings – Converters and Transition Compounds" has been excluded from the Contract Price.

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Contractor's price reflects a reduced profit and overhead margin associated for civil works of 10% from 25% (approximately CAN\$16,000,000 reduction), and this reduction is reflected in the Price Schedule in Exhibit 2 - Compensation.

The Parties agree that certain efficiencies and cost savings may be gained in the procurement of Civil Works Baseline. Company shall provide its market knowledge to Contractor commencing from the process of selection of the civil contractors (the "Converter contractors") and, as required, during project execution in a joint effort of securing the most efficient and cost effective civil works contractors. The Converter contractors are also included within the meaning of the Company's Other Contractors.

Contractor shall retain the overall responsibility for the design and execution of the Civil Works Baseline in accordance with the Agreement.

Company shall be responsible only for the issuance of the Civil Works contracts in Company's name, change orders and payment of approved Converter contractors' invoices. Converter contractors shall submit their invoices for the performance of their work to Contractor. Contractor shall review the invoice and supporting documentation within the earlier of 10 Business days or within the time specified in the contracts with the Converter contractors, and Contractor shall certify the amount payable by Company to the Converter contractors based on progress and compliance with the requirements of the Civil Works contracts.

In order to realize cost savings on the Civil Works Baseline which will be shared in accordance with this Exhibit, the Parties will cooperate as further set forth in Section 2 below (including on such tasks as design optimizations and Company specification adjustments) in order to achieve a target CAN\$20,000,000 cost reduction.

2. Obligations of the Parties

2.1 Cooperation

Company and Contractor shall jointly and cooperatively review the Technical Specifications to ascertain the type and quantity of services required for the implementation of the Civil Works.



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2.2 Contractor's Design Obligations

Contractor shall provide and be responsible for the complete design and engineering for the Converter Stations and Transition Compounds, including Civil Works as outlined in Section 1.

2.3 Form of Requests for Proposals for Civil Works at Converter Stations

The Parties shall agree on the form of request for proposal ("RFP") to be issued to potential contractors for the Civil Works Baseline. The form of agreement included with the RFP shall be in Company's standard form, with any necessary modifications as required by the Parties, which shall include the following documents:

- (a) Articles of agreement
- (b) Exhibit Compensation
- (c) Exhibit Coordination Procedures
- (d) Exhibit Health and Safety Requirements
- (e) Exhibit Environment and Regulatory Compliance Requirements
- (f) Exhibit Declaration of Residency
- (g) Exhibit Worksite Conditions
- (h) Exhibit Provincial Benefits
- (i) Exhibit Performance Security.

Contractor shall issue the agreed RFPs to all potential contractors including any that Company may propose.

2.4 Evaluation and Award of Civil Works Contracts for Converter Stations

Upon receipt of proposals from bidders in response to the RFP for the Civil Works Baseline, the Parties shall jointly evaluate such proposals and jointly come to an agreement as to which bidder(s) shall be selected as Converter contractors.

The Parties shall agree on the preferred bidder for each Civil Works contract for the Converter Stations and Contractor shall negotiate, with input from Company, the final form of the Civil Works contract with the preferred bidder.

All Civil Works contracts for the Converter Stations shall be reviewed by both Parties prior to signing.

Company shall require Converter contractors to provide performance security in the form and at the value determined by Company. Company shall require a minimum of 10% of the Converter contract price as performance security and 10% of the Converter contract price in some form as financial and/or lien holdback. Company shall consult with Contractor to

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obtain input on level of financial security for any amount in excess of the minimum values. If performance bonds are secured, Contractor shall be a dual obligee on the bond. If other forms of performance security are chosen, Contractor will be added as beneficiary.

2.5 Company Obligations On Award of Civil Works Contracts for Converter Stations

Company shall enter into each Civil Works contract for the Converter Stations in Company's name in a timely manner, and in complete accordance with any quantities agreed by the Parties during the evaluation of proposals in accordance with Section 2.4 above.

Company shall be solely responsible for the payment of such Converter contractors (subject to Company's right of reimbursement from Contractor for non-Company initiated changes) and bear the sole risk and responsibility for the removal of any liens placed upon Company's property by such Converter contractors.

Company shall support Contractor in the management of any agreements with the construction trade unions.

2.6 Contractor Obligations On Award of Civil Works Contracts for Converter Stations

Contractor shall retain the overall responsibility for the execution of the Civil Works in accordance with the Agreement, including cost, schedule and quality control risks during construction. Contractor shall be responsible for the acts, omissions and negligence of any Converter contractors and any of their respective personnel as fully as if they were the acts, omissions and negligence of Contractor's own personnel.

Contractor shall coordinate, manage and supervise all construction activities by Converter contractors for the performance of the Civil Works Baseline. Contractor shall keep such records and accounts and furnish such reports and information relative to the execution of the Civil Works Baseline as Company may reasonably request in accordance with the terms of the Agreement.

Contractor shall ensure that the construction performed by the Converter contractors shall be in compliance with:

- (a) Contractor's engineering and design, including any specifications and drawings issued by Contractor for the Civil Works Baseline;
- (b) the standards for environmental and health and safety requirements set out in this Agreement and in the Civil Works contracts; and
- (c) the technical and quality requirements of this Agreement.



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3. Cost Savings Sharing - Converter Stations Only

3.1 Determination of Cost and Savings

Costs and savings relating to civil works for the Converter Stations shall be determined in the following manner (see Schedule 1 to this Exhibit for examples of calculations):

- (a) Where the total price of the Civil Works Baseline based on contract award prices is less than the price set forth in Section 3.4 of this Exhibit (Civil Work Baseline dollar amount for the work as described in Section 4, and exclusive of the activities described in Section 5 as well as Contractor's overhead and profit), the Parties shall share such savings equally (i.e. at fifty percent (50%) of savings each).
- (b) Where the total price of the Civil Works Baseline based on contract award prices exceeds the price set forth in Section 3.4 of this Exhibit (Civil Work Baseline dollar amount for the work as described in Section 4, and exclusive of the activities described in Section 5 as well as Contractor's overhead and profit), as may be amended by a Change Order, Contractor shall reimburse Company for the cost of such overage.
- (c) In the case where Company requires a change to the Civil Works Baseline scope of work prior to award of a Civil Works contract, the Civil Works Baseline dollar amount set forth in Section 3.4 of this Exhibit (Civil Work Baseline dollar amount for the work as described in Section 4, and exclusive of the activities described in Section 5 as well as Contractor's overhead and profit), as may be amended by a Change Order, will be adjusted accordingly.

3.2 Changes After Civil Works Contract Award

Changes to the Civil Works Baseline shall be addressed as follows:

- (a) For a change to the Civil Works Baseline requested by Company:
 - a. Company shall issue a change order to the Converter contractor in accordance with the provisions of the Civil Works contract;
 - Company shall issue a Change Order to Contractor as determined in accordance with Article 26 of the Agreement to cover any changes to Contractor's reasonable costs and schedule; and
 - c. Contractor's mark-up in accordance with Exhibit 2 Compensation shall be adjusted by the percentage in Section 6(b) (iii) of Exhibit 2 – Compensation for the increase or decrease to the Converter contractor's price as if the Civil Works contract and related change orders had been issued by Contractor.

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- (b) If a Converter contractor or Contractor requires a change order to the Civil Works contract to be issued during the performance of the Civil Works for reasons other than changes requested by Company, the Parties shall jointly evaluate the need for the proposed change order. In the event that the Parties agree on the necessity for such change order:
 - a. Company shall issue a change order to the Converter contractor;
 - b. Company shall pay for the price of the work performed under such change order; and
 - c. Company shall issue a Change Order to Contractor for reimbursement by Contractor to Company for the price of the Converter contractor change order.
- (c) If a Converter contractor makes a claim for additional compensation against Company, the Parties shall jointly evaluate the claim and determine factual basis and the merits of the claim. If the Parties determine that the factual basis giving rise to the claim is due to:
 - a. any act or omission by Company, then Company shall be solely responsible for defending against and/or resolving the claim;
 - any act or omission of Contractor, then Contractor shall cooperate with Company in defending against and/or resolving the claim and Contractor shall reimburse Company's costs to respond to the claim and any amount paid to the Converter contractor in satisfaction of the claim;
 - c. a combination of acts or omissions of both Company and Contractor, then the Parties shall cooperate with each other in defending against and/or resolving the claim and each Party shall be responsible for any amount payable to the Converter contractor in satisfaction of the claim in the proportion that the Party's acts or omissions were the cause for the claim (for greater certainty where Contractor has responsibility for a part of the claim, Contractor shall reimburse Company for that portion of the amount payable to the Converter contractor corresponding to the proportion of Contractor's responsibility).

3.3 Savings Calculated on Overall Civil Works Scope

For avoidance of doubt, the savings referenced in Section 3.1 above shall be calculated on the overall Civil Work Baseline and not on an individual Civil Works contract basis.

3.4 Civil Works Baseline Dollar Amount

For the purposes of calculating the civil works cost savings the dollar amount for the Civil Works Baseline is CAN\$107,305,708.00.



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4. Converter Stations Civil Works Baseline

The following is a summary of work that comprises the Civil Works Baseline dollar amount.

Civil Works Baseline means the following work as detailed in the Agreement (excluding the Transition Compounds civil works):

- management by Converter contractor, personnel costs and related local expenses (including mobilization/demobilization)
- supply and installation of temporary site facilities and utilities for the civil works
 construction and installation periods for the Converter contractor, the installation
 Subcontractors, Contractor and Company including site offices, storage, laydown area,
 construction power and auxiliary power to temporary facilities, security,
 communication, water and electricity, etc.
- grading of the site above rough grading
- excavation (including disposal of excavated material) and backfill
- building foundations, walls, slabs, cable access
- complete buildings including all building finishes (including doors, windows, flooring, painting, furniture, etc.)
- lighting and small power supply and installation in the Converter Stations
- switchyard foundations, including foundations for line-gantry structure
- foundations, firewall, oil containment for converter transformers
- foundations for all other outdoor equipment (valve cooling, HVAC, etc.)
- cable trenches (supply and installation) and/or cable duct-banks, and subsurface duct systems under service roads, roads, sump pits, sump pumps and road crossings
- exterior perimeter security fences and gates (supply and installation) and outdoor parking areas
- switchyard finished surfacing and landscaping
- supply of all HVAC equipment (except AHU and chillers which shall be provided by Contractor) and installation of all HVAC equipment (including AHU and chillers)
- roads within the perimeter fence, with crash-barriers to protect the equipment
- grounding grid (installation only of underground grounding and provision for above-ground grounding of equipment)
- Site drainage systems inside the fenced area and connection to the external drainage system of the fenced area (including drainage ditches)
- Site domestic sewage collection system



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- water supply and water distribution, treatment and storage systems for equipment cooling, domestic and other uses (if any)
- outdoor lighting (foundations and poles)
- assumptions on soil conditions as listed in documents no. ILK-SN-CD-8000-CV-SP-0001 01 Civil Works Specification and no. ILK-SN-CD-8000-EL-TS-0007-01 Grounding Material

The costs for Converter contractor performance security will be identified during the RFP/selection process and the "Civil Works Baseline" dollar amount will be adjusted accordingly.

5. Converter Stations Civil Work Excluded from Civil Works Baseline

Contractor shall be responsible for all other activities not specifically identified above including the following:

- Contractor management personnel costs and related expenses (including mobilization/demobilization)
- Installation costs (including management) except supply and installation of the temporary utilities and facilities for the installation Subcontractor described in Section 4
- Supply and installation of fire protection and detection system
- Temporary utilities operating costs for Contractor and the installation Subcontractor
- Supply of all furniture, equipment, materials and tools needed for operation of the temporary facilities for Contractor and its installation Subcontractor.



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SCHEDULE 1

JOINT SAVINGS SHARING MECHANISM SCHEDULE (Example on a base 100)

	CW Contract	ontract PO Value Total Savings		Savings Value per		
	baseline Value (MCAD)	(MCAD)	Value at PO placement (MCAD)	party		
				Alstom	LCP	For the purposes of this table, purchase order and contract have the same meaning
Purchase order 1	60	50	10	NA	NA	are surice meaning
Purchase order 2	30	32	-2	NA	NA	
Purchase order 3	10	11	-1	NA	NA	
Total Baseline	100	93	7	3,5	3,5	LCP increases the AG selling price by \$3.5M (saving impact)
Casa 3 - than is an an	and Contracts		ant and law Come		audau ba	efore PO placement (CW cost value of the change order is 13)
Case 2 = there is an ap	CW Contract	PO Value	Total Savings			
	baseline Value (MCAD)	(MCAD)	Value at PO placement (MCAD)	Savings Value per party		
				Alstom	LCP	
Purchase order 1	60	50	10			
Purchase order 2	30	32	-2			
Purchase order 3	10	11	-1			
Total Baseline	100	93	7	3,5	3,5	LCP increases the AG selling price of\$3.5M (saving impact) and compensates Alstom for the change order (ie application of the change order clause in Exhbit 2)
Change order impact	13	13	0	0	0	
Revised Baseline	113	106	7	3,5	3,5	
Case 3 = there is a loss	and extra cost is r	ot attributabl	e to Company			
	CW Contract baseline Value (MCAD)	PO Value (MCAD)	Total Savings Value at PO placement (MCAD)	Savings Value per party		
		72		Alstom	LCP	
Purchase order 1	60	45	15			
Purchase order 2	30	50	-20			E-VANCEAUVAL AUVA- A A A
Purchase order 3	10	18	-8			
Total Baseline	100	113	-13	-13	0	Alstom shall compensate LCP with \$13M to cover increased purchase order values

Civil Works Baseline dollar amount: CAN\$107,305,708 for the purposes of calculating the civil works cost savings

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