

COMMERCIAL PROPOSAL CLARIFICATION FORM

Date:	14-05 2013	Package No.	505573-CH0007	Package Title:	Construction of Intake and Powerhouse, Sp	pillway and
		Bidder's Proposal. No.			Transition Dams	
Bidder:	Astaldi Canada Inc.		Clarification Set No. 05			

	SLI Comments/Questions	Bidder Answer / Response	SLI Status Comment
-MM-2013 4-05-2013	LABOUR PROVISION ACTION PLAN 1. Has the Bidder conducted a Labour Availability Study with respect to the critical trades: carpenters, concrete workers, reinforcing steel workers equipment operators and labourers?	Astaldi has not felt the need to protect themselves from any non-availability of qualified personnel in Canada because the Client in various occasions declared that the Muskrat Falls project is of key importance and there will be many resources eager to participate. Astaldi has prepared a brief Labour Avalibility analysis regarding most trades in Canada and more specifically in Newfoundland and Labrador. This analysis is based upon the experience and advice of Consultants and Subcontractors who have worked with us on this topic. We have estimated the following percentages: Distributed by Province: (on total work force) From Labrador/Newfoundland 60% From Nova Scotia/Brunswick 23% From Quebec 9% From Ontario 5% From Alberta 3% Distributed by Trades: (on total per trade) Labourers 95% Carpenters/ Concrete 47% Re-steel workers 39% Equip. operators 41% Teamsters 56% Others 81% For further details please refer to attached document which illustrates our Labour Availability needs that was used to calculate the estimate of travel allowance for	
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For each of these critical trades or occupations:	
2.1 What percentage of your requirements do you foresee drawing from Newfoundland and Labrador (NL)?	See above
2.2 What is the risk level of not filling your requirements in NL (High, medium, low or some other measure)?	The probability of not fulfilling the abovementioned requirements is considered to be low. Astaldi does however believe that there may be a labour availability risk during the peak period of the project (summer/winter 2014). The probability is potentially high.
2.3 What is the risk level of not filling your requirements from the rest of Canada?	The probability of not fulfilling the abovementioned requirements from the rest of Canada is low. Once again, the peak period may cause more issues and thus must be managed well.
 If you have not conducted a Labour Availability Study, what process was followed and / or what information was relied upon when formulating the assessment of risk under point 2? 	Astaldi based its analysis on experience and know how coming from Consultants and Subcontractors that will be involved in the project from the start. Astaldi has confirmed its opinion while participating at specific meetings organized by the Client and by gathering information available on the internet and mass media.



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	4. Prior to the start of construction and during construction, what steps will be taken or processes put in place to monitor availability of the trades or classifications, both in NL and Canada?	Prior to the start-up of construction Astaldi will provide the Trades Union of Labrador/Newfoundland with the list of necessary Trades Labour divided by trade and indicating the monthly requirement for the whole Project. This list will be obtained from the labour	
		availability document mentioned above. Trades Unions should answer in due time about the real Trades Labour Availability and promptly inform Astaldi about lack of labour availability or labour skill, if any, in Labrador/Newfoundland in order to enable us to immediately start the research/recruitment with the	
		trades Unions of other provinces, already alerted, as per Availability Plan shown in answer 1. We are confident that the extensive cooperation established with Local Firms and Subcontractors will help to minimise the impact of an eventual Labour shortage in Labrador/Newfoundland that could be higher than foreseen.	
		The Labour availability and recruitment will be done by working with various employment agencies, specialized in the construction manpower. We could also utilize official Canadian recruitment channels, like Service Canada and create an internet site like that developed by Nalcor for the Muskrat Falls Project.	
	5. Describe your hiring plan to obtain workers in Canada, if the required numbers of a trade exceed the availability in NL.	Please see answer 4	



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	trades occu specific are	t of a labour shortage of critical pations across Canada, what as of the U.S. would workers be om or if not in the U.S. what	guarantee thou necessary Trade Astaldi will the worldwide expe able select qua currently in pro South America, The Total Numl	at the Trades Unions are agh out Canada the recress Labour within the recreining into erience in recruitment. In a parent of the control of t	uitment of the quired time, place its n fact, Astaldi is 80 projects 6A, Central and le East).
	temporary timeframe	rience do you have in utilizing foreign workers and what would it take to process an and access temporary foreign	Workers their ac one month up to country they are Needless to say, Company Teq w Fortunately, we issues from with with specific Leg considered strat force of Manage	ssary to utilize Temporal coess timeframe is estimed a months depending use originally from. We have recently acquishich is headquarter in Nonow have experts that coin the Country. Contact gal and Consultant Firms agic since the beginning ers/Supervisors has alreatified and are alerted, references.	red a Canadian flontreal, Quebec. deal with all these s/agreements have been g and hence a task edy been