



**CORPORATION
de la Cité de/ of the City of
CLARENCE-ROCKLAND**

ADDENDUM #2

12/03/2018 10:42

F18-INF-2018-005

Tender Number

Replacement of Three Culverts

Request for Proposals Issued On:

12-Feb

Proposal Submission Deadline: 2:00:00pm Local Time in Clarence-Rockland Ontario, Canada on

15-Mar-17

THE INFORMATION CONTAINED IN THIS DOCUMENT IS TIME SENSITIVE

Please note: This addendum is to be considered part of the above noted Request for Proposal as though included with the original version. This addendum does not affect the closing date/time: Bidders should acknowledge receipt of all Addendum / Addenda by inserting in the space provided on the Bid Submission Form, the numbers of all Addendum / Addenda received during the bidding period.

QUESTION REQUESTING CLARIFICATION

The following questions were received:

1	Question:	Please confirm the bearing capacities noted on the General Arrangement Drawings – noted values are atypically low.
	Reply:	The following are the bearing capacities as indicated on the drawings.
		Butler Culvert: 25 kPa S.L.S, 37 kPa U.L.S.
		Legault North Culvert: 20 kPa S.L.S, 30 kPa U.L.S.
		Legault South Culvert: 25 kPa S.L.S, 37 kPa U.L.S.
2	Question:	On Legault North Culvert, please confirm the 6000mm span dimension is perpendicular to the culvert CL. The drawings show this as the skewed dimension.
	Reply:	Confirmed, the 6m span x 2.7m rise pre-cast concrete box will be installed on a skew.
3	Question:	On Legault North Culvert - is a reduced skew angle on end sections, or are square end sections acceptable alternatives? The skew angle as shown is not manufacturable via typical methods.
	Reply:	Upon further review, squared ends are acceptable. Please note that the length of the culvert will now be increased to 16m instead of 12m. The position of the headwall and welded wire mesh earth walls will not change.
4	Question:	For all culverts, is OPSS 1821 an acceptable specification to manufacture the culverts to?
	Reply:	OPSS 1821 is limited to reinforced concrete box culverts not exceeding 3m in span. Two of the culverts have a span of 6m.
5	Question:	Can black reinforcing steel be used in the head walls and cut off walls, or does the requirement for galvanized steel relate to these components?
	Reply:	black reinforcing steel can be used in the cut-off walls however galvanized reinforcing steel shall be used in the head walls.

Close date moved to March 15, 2018 2:00 EST Time