Form: 13 NOTICE OF INTENTION TO MAKE A DEBT SUBSTANTIAL ISSUER BID ("DSIB")

WHEN TO FILE: Every listed issuer intending to make a DSIB shall file a draft Notice of Intention to Make a Debt

Substantial Issuer Bid as soon as possible.

HOW: Via TMX LINX at https://linx.tmx.com/.

QUESTIONS: Email to listedissuers@tsx.com or contact the Manager who is responsible for the Issuer or call, for

issuers reporting to:

Toronto TSX Office: 416-947-4523 Montreal TSX Office: 514-788-2451 Calgary Office: 403-237-2800 Vancouver Office: 604-643-6599

NOTE: When the draft notice is in a form acceptable to TSX, the listed issuer shall file the notice in final

form, duly executed by a senior officer or director of the listed issuer, for acceptance by TSX. The final form of the notice must be filed at least two (2) clear trading days prior to announcement of

the DSIB.

1.	Secu (a)	urities Sought: class of securities that are the subject of the DSIB:	
	(b)	if the listed issuer has any other class of securities that have a right to participate in the offer by conversion or otherwise, a description of the rights of such holders:	
	(c)	the cash price to be paid per security:	
	(d)	the number of securities sought:	
2.	Term (a)	ns of the DSIB: date of the book:	
	(b)	method of tendering to the DSIB and settlement of tenders:	
	(c)	any commissions to be paid to participating organizations:	
	(d)	names of any person or company retained to make solicitations in respect of the DSIB:	
	(e)	any other relevant information with respect of such terms:	
3.	Reas DSIE	easons for the DSIB: State the purpose or business reasons for the SIB:	
45.	inclu	Financial Resources: Describe the financial resources of the offerer, including the source of funds to be used to pay for securities tendered to the DSIB and the terms of any financing obtained:	
5.	Material Changes in the Affairs of the Issuer: Disclose the particulars of any material change in the affairs of the listed issuer or any material fact concerning the listed issuer that has not been generally disclosed:		
6.	Appraisal: State any right of appraisal that security holders may have under applicable laws and whether the offerer intends to exercise any right of acquisition it may have under applicable legislation:		
7.	Any significant information regarding the DSIB not disclosed in the foregoing that would reasonably be expected to affect the decision of the security holders to accept or reject the DSIB:		

8. Certificate: The undersigned, a director or senior officer of the listed issuer, duly authorized by the listed issuer's board of directors, certifies that this notice is complete and accurate and in compliance with Section 629.2 of the TSX Company Manual. This notice contains no untrue statement of a material fact and does not omit to state a material fact that is required to be stated or that is necessary to make a statement not misleading in the light of the circumstances in which it is made.

NAME: