Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced	01/07/96 Origin: Appendix 5 Amended 01/07/98, 01/	09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12
Name of	entity	
engage	:BDR Limited	
ACN		
621 160	585	
XX7 (.1		
	e entity) give ASX the following in	iformation.
	1 - All issues	
You must	t complete the relevant sections (attach she	eets if there is not enough space).
1	⁺ Class of ⁺ securities issued or to be issued	Fully paid ordinary shares
2	Number of *securities issued or to be issued (if known) or maximum number which may be issued	9,028,597
3	Principal terms of the ⁺ securities (eg, if options, exercise price and expiry date; if partly paid ⁺ securities, the amount outstanding and due dates for payment; if ⁺ convertible securities, the conversion price and dates for conversion)	Fully paid ordinary shares

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

4	Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities? If the additional securities do not rank equally, please state: • the date from which they do	Yes
	 the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 	
5	Issue price or consideration	Deemed issue price of \$0.013 (1.3 cents) per share.
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Issue of fully paid ordinary shares upon conversion of 85,052 unlisted convertible notes at a conversion price of \$0.013 (1.3 cents) per share.
6a	Is the entity an ⁺ eligible entity that has obtained security holder approval under rule 7.1A?	Yes
	If Yes, complete sections $6b - 6h$ in relation to the *securities the subject of this Appendix $3B$, and comply with section $6i$	
6b	The date the security holder resolution under rule 7.1A was passed	31 May 2018
6c	Number of *securities issued without security holder approval under rule 7.1	Nil
6d	Number of ⁺ securities issued with security holder approval under rule 7.1A	Nil
6е	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	9,028,597 fully paid ordinary shares – 4 February 2019
6f	Number of securities issued under an exception in rule 7.2	Nil
6g	If securities issued under rule 7.1A, was issue price at least 75% of 15 day VWAP as calculated under rule 7.1A.3? Include the issue date and both values. Include the source of the VWAP calculation.	N/A

Appendix 3B Page 2 01/08/2012

⁺ See chapter 19 for defined terms.

6h	non-cas	ities were issued under rule 7.1A for th consideration, state date on which on of consideration was released to tarket Announcements	N/A	
6i	Calcula	te the entity's remaining issue	LR 7.1 43,	235,896
	capacity	y under rule 7.1 and rule 7.1A –	-	.878,015
		te Annexure 1 and release to ASX Announcements		9,113,911
7	Dates uncertification	ficated holdings or despatch of	4 February 2019	
			NT 1	
0	NT 1	1+1 6 11+ 22 1	Number	+Class
8	on ASX	r and *class of all *securities quoted (including the securities in section	338,104,060	Ordinary fully paid shares
	2 if app	licable)	29,999,993	Listed Options exercisable at
				\$0.25 (25 cents) per option by
				22 December 2020 (EN1O).
9	Nol			Unlisted convertible notes
9		r and ⁺ class of all ⁺ securities not on ASX (<i>including</i> the securities in	433,760	issued at USD\$0.90 per Note
	section	2 if applicable)		with a face value of USD\$1.00
				per Note. Notes are secured
				with a Maturity date of 19
				November 2019.
			8,676,093	Unlisted options
10		nd policy (in the case of a trust,	N/A	
	(interes	tion policy) on the increased capital ts)		
		2 - Bonus issue or pro r	ata issue	
	11	Is security holder approval required?	N/A	
	12	Is the issue renounceable or non-renounceable?	N/A	
	13	Ratio in which the *securities will be offered	N/A	
	14	*Class of *securities to which the	N/A	

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

15	⁺ Record date to determine entitlements	N/A
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	N/A
17	Policy for deciding entitlements in relation to fractions	N/A
18	Names of countries in which the entity has ⁺ security holders who will not be sent new issue documents Note: Security holders must be told how their	N/A
	entitlements are to be dealt with. Cross reference: rule 7.7.	
19	Closing date for receipt of acceptances or renunciations	N/A
20	Names of any underwriters	N/A
21	Amount of any underwriting fee or commission	N/A
22	Names of any brokers to the issue	N/A
23	Fee or commission payable to the broker to the issue	N/A
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of *security holders	N/A
25	If the issue is contingent on *security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled	N/A
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders	N/A

Appendix 3B Page 4 01/08/2012

⁺ See chapter 19 for defined terms.

28	Date rights trading will begin (if applicable)	N/A
29	Date rights trading will end (if applicable)	N/A
30	How do *security holders sell their entitlements <i>in full</i> through a broker?	N/A
31	How do *security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	N/A
32	How do ⁺ security holders dispose of their entitlements (except by sale through a broker)?	N/A
33	⁺ Despatch date	N/A

Part 3 - Quotation of securities

 $You \ need \ only \ complete \ this \ section \ if \ you \ are \ applying \ for \ quotation \ of \ securities$

Type of securities (*tick one*)

⁺ See chapter 19 for defined terms.

(a)		Securities described in Part 1	
(b)		All other securities Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities	
		thave ticked box 34(a) Curities forming a new class of securities	
Tick to		you are providing the information or	
35		If the *securities are *equity securities, the names of the 20 largest holders of the additional *securities, and the number and percentage of additional *securities held by those holders	
36		If the *securities are *equity securities, a distribution schedule of the additional *securities setting out the number of holders in the categories 1 - 1,000 1,001 - 5,000 5,001 - 10,000 10,001 - 100,000 100,001 and over	
37		A copy of any trust deed for the additional *securities	
Entitie	es that	have ticked box 34(b)	
38		er of securities for which N/A ation is sought	
39		of *securities for which ion is sought N/A	

Appendix 3B Page 6 01/08/2012

⁺ See chapter 19 for defined terms.

40	Do the *securities rank equally in all respects from the date of allotment with an existing *class of quoted *securities? If the additional securities do not	N/A	
	rank equally, please state: 1. the date from which they do 2. the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment 3. the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment		
41	Reason for request for quotation now	N/A	
71	Example: In the case of restricted securities, end of restriction period	IV/A	
	(if issued upon conversion of another security, clearly identify that other security)		
		Number	+Class
42	Number and ⁺ class of all ⁺ securities quoted on ASX (<i>including</i> the securities in clause 38)		

⁺ See chapter 19 for defined terms.

Quotation agreement

- ⁺Quotation of our additional ⁺securities is in ASX's absolute discretion. ASX may quote the ⁺securities on any conditions it decides.
- We warrant the following to ASX.
 - The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
 - There is no reason why those +securities should not be granted +quotation.
 - An offer of the *securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any *securities to be quoted and that no-one has any right to return any *securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the *securities be quoted.
- If we are a trust, we warrant that no person has the right to return the ⁺securities to be quoted under section 1019B of the Corporations Act at the time that we request that the ⁺securities be quoted.
- We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before ⁺quotation of the ⁺securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here Date: 5 February 2019

(Director)

Print name: Ted Dhanik

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Appendix 3B Page 8 01/08/2012

⁺ See chapter 19 for defined terms.

Appendix 3B – Annexure 1

Calculation of placement capacity under rule 7.1 and rule 7.1A for *eligible entities

Introduced 01/08/12

Part 1

Rule 7.1 – Issues exceeding 15% of capital		
Step 1: Calculate "A", the base figure from which the placement capacity is calculated		
Insert number of fully paid ordinary securities on issue 12 months before date of issue or agreement to issue	249,699,858	
 Add the following: Number of fully paid ordinary securities issued in that 12 month period under an exception in rule 7.2 Number of fully paid ordinary securities issued in that 12 month period with shareholder approval Number of partly paid ordinary securities that became fully paid in that 12 month period Note: Include only ordinary securities here – other classes of equity securities cannot be added Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items Subtract the number of fully paid ordinary securities cancelled during that 12 month 	12,500,000 – 10 May 2018 2,250,000 – 10 May 2018 1,290,625 - 15 June 2018 3,750 - 31 August 2018 4,548,498 – 31 August 2018 6,523,453 – 31 August 2018 5,458,200 – 12 September 2018 3,100,000 – 30 November 2018 1,900,000 – 30 January 2019 13,471,396 – 30 January 2019 9,028,597 – 5 February 2019	
period "A"	309,774,377	

⁺ See chapter 19 for defined terms.

"B"	0.15
	[Note: this value cannot be changed]
Multiply "A" by 0.15	46,466,156
Step 3: Calculate "C", the amoun 7.1 that has already been used	t of placement capacity under rule
Insert number of equity securities issued	2,745,721 – 27 February 2018
or agreed to be issued in that 12 month period <i>not counting</i> those issued:	484,539 – 15 June 2018
 Under an exception in rule 7.2 	
Under rule 7.1A	
 With security holder approval under rule 7.1 or rule 7.4 	
 Note: This applies to equity securities, unless specifically excluded – not just ordinary securities Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed It may be useful to set out issues of securities on different dates as separate line items 	
"C"	3,230,260
Step 4: Subtract "C" from ["A" x placement capacity under rule 7.	1
"A" x 0.15	46,466,156
Note: number must be same as shown in Step 2	
	3,230,260
Step 2	3,230,260
Step 2 Subtract "C" Note: number must be same as shown in	3,230,260 43,235,896

Appendix 3B Page 10 01/08/2012

⁺ See chapter 19 for defined terms.

Part 2

Rule 7.1A – Additional placement capacity for eligible entities		
Step 1: Calculate "A", the base figure from which the placement capacity is calculated		
309,774,377		
0.10 Note: this value cannot be changed		
30,977,438		
Step 3: Calculate "E", the amount of placement capacity under rule 7.1A that has already been used		
25,099,423 – 25 January 2019		
3		

⁺ See chapter 19 for defined terms.

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A		
"A" x 0.10 Note: number must be same as shown in Step 2	30,977,438	
Subtract "E" Note: number must be same as shown in Step 3	25,099,423	
Total ["A" x 0.10] – "E"	5,878,015	

Appendix 3B Page 12 01/08/2012

⁺ See chapter 19 for defined terms.