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.

docun	nents given to ASX become ASX's property o	and may be made public.	
Introduc	ntroduced 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, 04/03/13		
Name	of entity		
Gene	era Biosystems Limited		
ABN			
69 09	98 663 837		
We (the entity) give ASX the following	information.	
	t 1 - All issues		
	ust complete the relevant sections (attach s	heets if there is not enough space).	
1	⁺ Class of ⁺ securities issued or to be issued	Unlisted Options	
2	Number of +securities issued or to be issued (if known) or maximum	(1) 5,038,759 (2) 975,000	
	number which may be issued	(3) 6,525,000	
3	Principal terms of the *securities (e.g. if options, exercise price and expiry date; if partly paid	(1) Unlisted options, exercisable at \$0.25 (25 cents) per option, expiring 20 December 2020 (2) Unlisted options, exercisable at \$0.25 (25 cents)	

- (2) Unlisted options, exercisable at \$0.25 (25 cents) per option, expiring 30 June 2019
- (3) Unlisted options, exercisable at \$0.25 (25 cents) per option, expiring 30 June 2019

⁽e.g. 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)

⁺ See chapter 19 for defined terms.

4 Do the *securities rank equally in all respects from the *issue date with an existing *class of quoted *securities?

The options are unquoted, Shares issued upon the conversion of these options will rank equally in all respects with all ordinary shares currently on issue.

If the additional *securities do not rank equally, please state:

- the date from which they do
- 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

- (1) Nil
- (2) Nil
- (3) Nil

6 Purpose of the issue
(If issued as consideration for the acquisition of assets, clearly identify those assets)

- (1) Grant of options to the Directors of the Company as consideration for outstanding Directors' fees payable to them, pursuant to Resolutions 7, 8, 9 and 10 of the Company's 2017 Annual General Meeting, and as approved by shareholders on 27 November 2017.
- (2) Grant of options to the CEO and Executive Director of the Company under Mezzanine Facility Loan pursuant to Resolution 5 of the Company's 2017 Annual General Meeting, and as approved by shareholders on 27 November 2017.
- (3) Grant of options Mezzanine Facility Lenders pursuant to Resolution 4 of the Company's 2017 Annual General Meeting, and as approved by shareholders on 27 November 2017.

6a Is the entity an ⁺eligible entity that has obtained security holder approval under rule 7.1A?

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

Yes

27 November 2017

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⁺ See chapter 19 for defined terms.

_	N 1 C ± ' 1	371	
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	
_	N 1 C+ 12 1 1 11	(1) 5.020.750 11 . 1	· 27.N 1 2017
6e	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	(2) 975,000 unlisted option	tions – 27 November 2017 ons – 27 November 2017 tions – 27 November 2017
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	
6h	If *securities were issued under rule 7.1A for non-cash consideration, state date on which valuation of consideration was released to ASX Market Announcements	N/A	
6i	Calculate the entity's remaining issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1 and release to ASX Market	Rule 7.1 remaining capacit	y 16,119,936
		Rule 7.1A remaining capac	ity <u>10,746,624</u>
	Announcements	Total remaining capacity	<u>26,866,560</u>
7	⁺ Issue dates	20 December 2017	
	Note: The issue date may be prescribed by ASX (refer to the definition of issue date in rule 19.12). For example, the issue date for a pro rata entitlement issue must comply with the applicable timetable in Appendix 7A.		
	Cross reference: item 33 of Appendix 3B.		
		Number	+Class
8	Number and +class of all +securities quoted on ASX (<i>including</i> the +securities in section 2 if applicable)	107,466,239	Fully paid ordinary shares
	4.1 /		

⁺ See chapter 19 for defined terms.

9 Number and +class of all +securities not quoted on ASX (including the +securities in section 2 if applicable)

Niverala au	+C1
Number	+Class
1,000,000	ESOP options, expiry date 24 December 2019, exercise price \$0.30 (30 cents)
2,000,000	Unlisted options exercisable at \$0.27 (27 cents) per option on or before 31 December 2017.
28,750	Unlisted convertible Notes issued at a face value of \$100 per Note with a conversion price of \$0.30 (30 cents) per note if converted before 31 December 2017. Notes are secured, maturity date of 31 December 2017.
300,000	ESOP options, expiry date 30 September 2019, with an exercise price of \$0.30 (30 cents)
1,000,000	Performance Rights, vesting 31 December 2017, expiring 23 December 2019
1,250,000	Unlisted options exercisable at \$0.25 (25 cents) per option on or before 31 December 2020.
5,038,759	Unlisted options, exercisable at \$0.25 (25 cents) per option, expiring 20 December 2020
7,500,000	Unlisted options, exercisable at \$0.25 (25 cents) per option, expiring 30 June 2019

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

N/A

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⁺ See chapter 19 for defined terms.

Part 2 - Pro rata 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 offer relates	N/A
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 offer documents	N/A
	Note: Security holders must be told how their entitlements are to be dealt with. Cross reference: rule 7.7.	
	Closs reference. Idae ///.	
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

⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

25	If the issue is contingent on security holders' approval, the date of the meeting	N/A
26	Date entitlement and acceptance form and offer documents 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
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	⁺ Issue date	N/A
	3 - Quotation of securitie d only complete this section if you are apple	
34	Type of *securities (tick one)	
(a)	*Securities described in Part 1	
(b)		of the escrowed period, partly paid securities that become fully paid, employed ands, securities issued on expiry or conversion of convertible securities

Entities that have ticked box 34(a)

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⁺ See chapter 19 for defined terms.

Additional securities forming a new class of securities

o indicate you are providing the information or nents	
If the *securities are *equity securities, the names of the 20 largest holder additional *securities, and the number and percentage of additional *securities those holders	
If the *securities are *equity securities, a distribution schedule of the act *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	dditiona
A copy of any trust deed for the additional *securities	
ies that have ticked box 34(b)	
Number of *securities for which *quotation is sought N/A	
⁺ Class of ⁺ securities for which quotation is sought	
Do the *securities rank equally in all respects from the *issue date with an existing *class of quoted *securities? If the additional *securities do not rank equally, please state: • the date from which they do • 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	
ı	If the *securities are *equity securities, the names of the 20 largest holder additional *securities, and the number and percentage of additional *securities those holders If the *securities are *equity securities, a distribution schedule of the are *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 A copy of any trust deed for the additional *securities iles that have ticked box 34(b) Number of *securities for which *quotation is sought *Class of *securities for which quotation is sought N/A *The provided Holder of the additional *N/A *The provided Holder of the additional *Securities for which quotation is sought N/A N/A N/A N/A *In the additional *securities do not rank equally, please state: • the date from which they do • 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

⁺ See chapter 19 for defined terms.

Appendix 3B

New issue announcement

41	Reason for request for quotation now	N/A	
	Example: In the case of restricted securities, end of restriction period		
	(if issued upon conversion of another *security, clearly identify that other *security)		
42	Number and ⁺ class of all ⁺ securities quoted on ASX (<i>including</i> the ⁺ securities in clause 38)	Number	⁺ Class

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⁺ 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 is not available now, we 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: 20 December 2017

Print name: Richard Hannebery (Executive Director)

== == == == ==

⁺ 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 Amended 04/03/13

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 the *issue date or date of agreement to issue	100,619,572	
Add the following:		
Number of fully paid *ordinary securities issued in that 12 month period under an exception in rule 7.2	6,846,667 – 13 December 2017	
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 period	-	
"A"	107,466,239	

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⁺ See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"		
"B"	0.15	
	[Note: this value cannot be changed]	
Multiply "A" by 0.15	16,119,936	
Step 3: Calculate "C", the amount of placement capacity under rule 7.1 that has already been used		
Insert number of ⁺ equity securities issued or agreed to be issued in that 12 month period <i>not counting</i> those issued:	-	
• 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"	-	
Step 4: Subtract "C" from ["A" x "B"] to calculate remaining placement capacity under rule 7.1		
"A" x 0.15	16,119,936	
Note: number must be same as shown in Step 2		
Subtract "C"	-	
Note: number must be same as shown in Step 3		
Total ["A" x 0.15] – "C"	16,119,936	
	[Note: this is the remaining placement capacity under rule 7.1]	

⁺ 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		
"A"	107,466,239	
Note: number must be same as shown in Step 1 of Part 1		
Step 2: Calculate 10% of "A"		
"D"	0.10	
	Note: this value cannot be changed	
Multiply "A" by 0.10	10,746,624	
Step 3: Calculate "E", the amount of placement capacity under rule 7.1A that has already been used Insert number of †equity securities issued -		
or agreed to be issued in that 12 month period under rule 7.1A Notes: This applies to equity securities – not just ordinary securities Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained It may be useful to set out issues of securities on different dates as separate line items		
"E"	-	

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⁺ 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	10,746,624	
Note: number must be same as shown in Step 2		
Subtract "E"	-	
Note: number must be same as shown in Step 3		
Total ["A" x 0.10] – "E"	10,746,624	
	Note: this is the remaining placement capacity under rule 7.1A	

⁺ See chapter 19 for defined terms.