

Form 603Corporations Act 2001
Section 671B**Notice of initial substantial holder**To Company Name/Scheme BRAVURA SOLUTIONS LIMITEDACN/ARSN 164 391 128**1. Details of substantial holder (1)**Name BlackRock Group (BlackRock Inc. and subsidiaries named in Annexures
ACN/ARSN (if applicable) to this form)The holder became a substantial holder on 29 / 03 / 2019**2. Details of voting power**

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

Class of securities (4)	Number of securities	Person's votes (5)	Voting power (6)
ORD	10,731,433	10,731,433	5.00

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

Holder of relevant interest	Nature of relevant interest (7)	Class and number of securities
Annexure A		

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Class and number of securities
see Annexure A			

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

Holder of relevant interest	Date of acquisition	Consideration (9)		Class and number of securities
		Cash	Non-cash	
see Annexure B				

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
see Annexure A	

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
see Annexure C	

Signature

print name Bradley Taylor

capacity Authorised Signatory*

sign here

date 02 / 04 / 2019

* At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

02-Apr-19

Bradley Taylor,
Authorised Signatory

Date

3. Details of Relevant Interests
4. Details of present registered holders
6. Associates

Holder of Relevant Interests Name and ACN / ARSN (if applicable)	Nature of Relevant Interest	Registered Holder of Securities	Person entitled to be registered as holder	Class and number of Securities		Person's votes	Nature of Association
BlackRock (Netherlands) B.V.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD	28,404	28,404	subsidiary of BlackRock Inc.
BlackRock Advisors (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET DUBLIN		ORD	27,279	27,279	subsidiary of BlackRock Inc.
BlackRock Financial Management, Inc.	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	STATE STREET BANK		ORD	63,221	63,221	subsidiary of BlackRock Inc.
BlackRock Fund Advisors	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-STATE STREET SACRAMENTO		ORD	2,052,637	2,052,637	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ORD	12,010	12,010	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD	1,280,101	1,280,101	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	RBC-ROYAL TRUST - TORONTO		ORD	3,671	3,671	subsidiary of BlackRock Inc.
BlackRock Institutional Trust Company, National Association	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	SSB-SSB NEW YORK INSTITUTIONAL		ORD	122,551	122,551	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	HSBC-HSBC SYDNEY		ORD	216,370	216,370	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JPM CHASE - SYDNEY		ORD	4,537,256	4,537,256	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD	433,215	433,215	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	Northern Trust Singapore		ORD	174,872	174,872	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	UBS- UBS- ZURICH		ORD	508,129	508,129	subsidiary of BlackRock Inc.
BlackRock Investment Management (UK) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-BANK OF NY BRUS		ORD	82,074	82,074	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	BNYM-THE BANK OF NEW YORK		ORD	48,709	48,709	subsidiary of BlackRock Inc.
BlackRock Investment Management, LLC	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee.	JPM-JP MORGAN CHASE - NEW YORK		ORD	12,127	12,127	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	JPM-JPM CHASE - SYDNEY		ORD	133,600	133,600	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE		ORD	156,248	156,248	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	Northern Trust Singapore		ORD	17,307	17,307	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager.	SSB-STATE STREET AUSTRALIA		ORD	80,761	80,761	subsidiary of BlackRock Inc.
BlackRock Investment Management (Australia) Limited	Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity.	JPM-JPM CHASE - SYDNEY		ORD	740,891	740,891	subsidiary of BlackRock Inc.

This is Annexure B of 4 pages referred to in form 603 Notice of initial substantial shareholder

02-Apr-19
Bradley Taylor,
Authorised Signatory
Date

5. Consideration

BRAVURA SOLUTIONS LIMITED (BVS)								
Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected	Person's votes affected	
			Cash	Non-cash	CCY			
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	65,313	65,313
BlackRock Investment Management (Australia) Limited	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	14,220	14,220
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	58,858	58,858
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	40,832	40,832
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	596,281	596,281
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	53,684	53,684
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	190,159	190,159
BlackRock Fund Advisors	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	377,358	377,358
BlackRock Fund Advisors	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	691,347	691,347
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	10,125	10,125
BlackRock Advisors (UK) Limited	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	14,162	14,162
BlackRock Fund Advisors	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	24,988	24,988
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	10,844	10,844
BlackRock (Netherlands) B.V.	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	23,944	23,944
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	92,178	92,178
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	5,217	5,217
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	12,170	12,170
BlackRock Investment Management (Australia) Limited	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	2,647	2,647
BlackRock Investment Management (UK) Limited	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	10,963	10,963
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	7,605	7,605
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	111,088	111,088
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	10,000	10,000
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	35,427	35,427
BlackRock Fund Advisors	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	70,300	70,300
BlackRock Fund Advisors	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	128,798	128,798
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	1,885	1,885
BlackRock Advisors (UK) Limited	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	2,637	2,637
BlackRock Fund Advisors	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	4,652	4,652
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	2,017	2,017
BlackRock (Netherlands) B.V.	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	4,460	4,460
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	970	970
BlackRock Institutional Trust Company, National Association	30-Nov-18	yes	3.71	on mkt buy	AUD	ORD	17,173	17,173
BlackRock Investment Management (Australia) Limited	04-Dec-18	yes	3.89	on mkt buy	AUD	ORD	15,883	15,883
BlackRock Institutional Trust Company, National Association	05-Dec-18	yes	3.64	on mkt buy	AUD	ORD	58,813	58,813

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Fund Advisors	05-Dec-18	yes	3.64	on mkt buy	AUD	ORD	42,436	42,436
BlackRock Investment Management (Australia) Limited	06-Dec-18	yes	3.62	on mkt buy	AUD	ORD	4,152	4,152
BlackRock Fund Advisors	06-Dec-18	yes	3.64	on mkt buy	AUD	ORD	202,653	202,653
BlackRock Investment Management (Australia) Limited	07-Dec-18	yes	3.69	on mkt buy	AUD	ORD	1,520	1,520
BlackRock Investment Management (Australia) Limited	10-Dec-18	yes	3.51	on mkt buy	AUD	ORD	1,210	1,210
BlackRock Advisors (UK) Limited	10-Dec-18	yes	3.51	on mkt buy	AUD	ORD	262	262
BlackRock Investment Management (Australia) Limited	11-Dec-18	yes	3.64	on mkt buy	AUD	ORD	11,932	11,932
BlackRock Investment Management (Australia) Limited	11-Dec-18	yes	3.65	on mkt buy	AUD	ORD	2,420	2,420
BlackRock Fund Advisors	11-Dec-18	no	n/a	in specie	AUD	ORD	4,866	4,866
BlackRock Fund Advisors	11-Dec-18	no	n/a	in specie	AUD	ORD	1,622	1,622
BlackRock Advisors (UK) Limited	12-Dec-18	yes	3.71	on mkt buy	AUD	ORD	262	262
BlackRock Investment Management (Australia) Limited	13-Dec-18	yes	3.76	on mkt buy	AUD	ORD	12,026	12,026
BlackRock Advisors (UK) Limited	13-Dec-18	yes	3.77	on mkt buy	AUD	ORD	524	524
BlackRock Fund Advisors	17-Dec-18	no	n/a	in specie	AUD	ORD	3,244	3,244
BlackRock Fund Advisors	17-Dec-18	no	n/a	in specie	AUD	ORD	3,705	3,705
BlackRock Investment Management (Australia) Limited	18-Dec-18	yes	3.79	on mkt buy	AUD	ORD	9,142	9,142
BlackRock Advisors (UK) Limited	18-Dec-18	yes	3.75	on mkt buy	AUD	ORD	262	262
BlackRock Fund Advisors	18-Dec-18	yes	3.75	on mkt buy	AUD	ORD	40,450	40,450
BlackRock Investment Management (Australia) Limited	19-Dec-18	yes	3.75	on mkt buy	AUD	ORD	69,741	69,741
BlackRock Investment Management (Australia) Limited	20-Dec-18	yes	3.81	on mkt buy	AUD	ORD	18,731	18,731
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	3.73	on mkt buy	AUD	ORD	79,933	79,933
BlackRock Fund Advisors	21-Dec-18	yes	3.76	on mkt buy	AUD	ORD	37,258	37,258
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	3.76	on mkt buy	AUD	ORD	3,757	3,757
BlackRock Investment Management (Australia) Limited	21-Dec-18	yes	3.76	on mkt buy	AUD	ORD	20,407	20,407
BlackRock Fund Advisors	21-Dec-18	no	n/a	in specie	AUD	ORD	3,640	3,640
BlackRock Investment Management (Australia) Limited	27-Dec-18	yes	3.86	on mkt buy	AUD	ORD	30,558	30,558
BlackRock Investment Management (Australia) Limited	02-Jan-19	yes	3.80	on mkt buy	AUD	ORD	10,170	10,170
BlackRock Investment Management (Australia) Limited	02-Jan-19	yes	3.80	on mkt buy	AUD	ORD	12,359	12,359
BlackRock Investment Management (Australia) Limited	03-Jan-19	yes	3.85	on mkt buy	AUD	ORD	12,353	12,353
BlackRock Advisors (UK) Limited	03-Jan-19	yes	3.84	on mkt buy	AUD	ORD	262	262
BlackRock Advisors (UK) Limited	03-Jan-19	yes	3.84	on mkt buy	AUD	ORD	524	524
BlackRock Advisors (UK) Limited	03-Jan-19	yes	3.84	on mkt buy	AUD	ORD	524	524
BlackRock Fund Advisors	04-Jan-19	no	n/a	in specie	AUD	ORD	2,553	2,553
BlackRock Fund Advisors	04-Jan-19	no	n/a	in specie	AUD	ORD	2,553	2,553
BlackRock Investment Management (Australia) Limited	07-Jan-19	yes	3.87	on mkt buy	AUD	ORD	2,384	2,384
BlackRock Investment Management (Australia) Limited	08-Jan-19	yes	4.04	on mkt buy	AUD	ORD	2,479	2,479
BlackRock Investment Management (Australia) Limited	10-Jan-19	yes	4.30	on mkt buy	AUD	ORD	2,666	2,666
BlackRock Fund Advisors	10-Jan-19	no	n/a	in specie	AUD	ORD	5,106	5,106
BlackRock Institutional Trust Company, National Association	16-Jan-19	no	n/a	in specie	AUD	ORD	28,120	28,120
BlackRock Fund Advisors	16-Jan-19	no	n/a	in specie	AUD	ORD	3,040	3,040
BlackRock Investment Management (Australia) Limited	17-Jan-19	yes	4.20	on mkt buy	AUD	ORD	17,868	17,868
BlackRock Investment Management (Australia) Limited	22-Jan-19	yes	4.12	on mkt buy	AUD	ORD	86,659	86,659

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Investment Management (Australia) Limited	22-Jan-19	yes	4.12	on mkt buy	AUD	ORD	29,173	29,173
BlackRock Fund Advisors	23-Jan-19	yes	4.10	on mkt buy	AUD	ORD	38,715	38,715
BlackRock Investment Management, LLC	23-Jan-19	yes	4.11	on mkt buy	AUD	ORD	12,127	12,127
BlackRock Fund Advisors	24-Jan-19	yes	4.17	on mkt buy	AUD	ORD	41,231	41,231
BlackRock Investment Management (Australia) Limited	24-Jan-19	yes	4.18	on mkt buy	AUD	ORD	27,061	27,061
BlackRock Investment Management (Australia) Limited	25-Jan-19	yes	4.19	on mkt buy	AUD	ORD	1,452	1,452
BlackRock Investment Management (Australia) Limited	29-Jan-19	yes	4.23	on mkt buy	AUD	ORD	2,852	2,852
BlackRock Investment Management (Australia) Limited	29-Jan-19	yes	4.21	on mkt buy	AUD	ORD	3,872	3,872
BlackRock Investment Management (Australia) Limited	31-Jan-19	yes	4.24	on mkt buy	AUD	ORD	16,822	16,822
BlackRock Advisors (UK) Limited	01-Feb-19	yes	4.26	on mkt buy	AUD	ORD	262	262
BlackRock Investment Management (Australia) Limited	05-Feb-19	yes	4.32	on mkt buy	AUD	ORD	80,761	80,761
BlackRock Investment Management (Australia) Limited	06-Feb-19	yes	4.48	on mkt buy	AUD	ORD	10,370	10,370
BlackRock Investment Management (Australia) Limited	06-Feb-19	yes	4.48	on mkt buy	AUD	ORD	49,046	49,046
BlackRock Investment Management (Australia) Limited	06-Feb-19	yes	4.48	on mkt buy	AUD	ORD	6,698	6,698
BlackRock Investment Management (Australia) Limited	06-Feb-19	yes	4.48	on mkt buy	AUD	ORD	49,045	49,045
BlackRock Investment Management (Australia) Limited	06-Feb-19	yes	4.48	on mkt buy	AUD	ORD	21,173	21,173
BlackRock Investment Management (Australia) Limited	06-Feb-19	yes	4.48	on mkt buy	AUD	ORD	42,347	42,347
BlackRock Investment Management (Australia) Limited	07-Feb-19	yes	4.62	on mkt buy	AUD	ORD	28,902	28,902
BlackRock Advisors (UK) Limited	11-Feb-19	yes	4.60	on mkt buy	AUD	ORD	262	262
BlackRock Investment Management (UK) Limited	11-Feb-19	yes	4.60	on mkt buy	AUD	ORD	12,253	12,253
BlackRock Investment Management (Australia) Limited	12-Feb-19	yes	4.59	on mkt buy	AUD	ORD	5,365	5,365
BlackRock Investment Management (Australia) Limited	13-Feb-19	yes	4.62	on mkt buy	AUD	ORD	37,591	37,591
BlackRock Investment Management (Australia) Limited	13-Feb-19	yes	4.62	on mkt buy	AUD	ORD	6,538	6,538
BlackRock Investment Management (Australia) Limited	14-Feb-19	yes	4.64	on mkt buy	AUD	ORD	49,034	49,034
BlackRock Investment Management (Australia) Limited	18-Feb-19	yes	4.57	on mkt buy	AUD	ORD	80,147	80,147
BlackRock Advisors (UK) Limited	19-Feb-19	yes	4.55	on mkt buy	AUD	ORD	2,620	2,620
BlackRock Investment Management (Australia) Limited	20-Feb-19	yes	4.60	on mkt buy	AUD	ORD	8,256	8,256
BlackRock Fund Advisors	20-Feb-19	yes	4.60	on mkt buy	AUD	ORD	49,124	49,124
BlackRock Advisors (UK) Limited	20-Feb-19	yes	4.60	on mkt buy	AUD	ORD	262	262
BlackRock Investment Management (Australia) Limited	21-Feb-19	yes	4.72	on mkt buy	AUD	ORD	9,280	9,280
BlackRock Advisors (UK) Limited	22-Feb-19	yes	4.89	on mkt buy	AUD	ORD	524	524
BlackRock Fund Advisors	22-Feb-19	no	n/a	in specie	AUD	ORD	4,200	4,200
BlackRock Fund Advisors	25-Feb-19	no	n/a	in specie	AUD	ORD	4,800	4,800
BlackRock Advisors (UK) Limited	27-Feb-19	yes	5.10	on mkt buy	AUD	ORD	1,310	1,310
BlackRock Institutional Trust Company, National Association	27-Feb-19	yes	5.10	on mkt buy	AUD	ORD	10,550	10,550
BlackRock Investment Management (Australia) Limited	28-Feb-19	yes	5.11	on mkt buy	AUD	ORD	2,836	2,836
BlackRock Advisors (UK) Limited	28-Feb-19	yes	5.12	on mkt buy	AUD	ORD	2,620	2,620
BlackRock Fund Advisors	28-Feb-19	yes	5.12	on mkt buy	AUD	ORD	121,420	121,420
BlackRock Institutional Trust Company, National Association	28-Feb-19	yes	5.12	on mkt buy	AUD	ORD	2,754	2,754
BlackRock Fund Advisors	28-Feb-19	yes	5.12	on mkt buy	AUD	ORD	40,476	40,476
BlackRock Institutional Trust Company, National Association	28-Feb-19	yes	5.12	on mkt buy	AUD	ORD	917	917
BlackRock Advisors (UK) Limited	01-Mar-19	yes	5.09	on mkt buy	AUD	ORD	524	524

Holder of Relevant Interest	Date of Acquisition / Trans on a prescribed fin'l mkt		Consideration			Class and number of securities affected		Person's votes affected
			Cash	Non-cash	CCY			
BlackRock Advisors (UK) Limited	05-Mar-19	yes	5.44	on mkt buy	AUD	ORD	262	262
BlackRock Investment Management (Australia) Limited	06-Mar-19	yes	5.36	on mkt buy	AUD	ORD	33,138	33,138
BlackRock Fund Advisors	06-Mar-19	no	n/a	in specie	AUD	ORD	5,800	5,800
BlackRock Fund Advisors	08-Mar-19	no	n/a	in specie	AUD	ORD	3,800	3,800
BlackRock Fund Advisors	12-Mar-19	no	n/a	in specie	AUD	ORD	5,000	5,000
BlackRock Investment Management (Australia) Limited	13-Mar-19	yes	5.44	on mkt buy	AUD	ORD	1,372	1,372
BlackRock Fund Advisors	13-Mar-19	no	n/a	in specie	AUD	ORD	800	800
BlackRock Advisors (UK) Limited	15-Mar-19	yes	5.52	on mkt buy	AUD	ORD	262	262
BlackRock Investment Management (Australia) Limited	15-Mar-19	yes	5.52	on mkt buy	AUD	ORD	5,103	5,103
BlackRock Investment Management (Australia) Limited	15-Mar-19	yes	5.52	on mkt buy	AUD	ORD	9,637	9,637
BlackRock Fund Advisors	15-Mar-19	no	n/a	in specie	AUD	ORD	11,000	11,000
BlackRock Investment Management (Australia) Limited	19-Mar-19	yes	5.56	on mkt buy	AUD	ORD	2,420	2,420
BlackRock Investment Management (Australia) Limited	20-Mar-19	yes	5.63	on mkt buy	AUD	ORD	34,644	34,644
BlackRock Fund Advisors	20-Mar-19	no	n/a	in specie	AUD	ORD	8,000	8,000
BlackRock Fund Advisors	25-Mar-19	yes	5.35	on mkt buy	AUD	ORD	47,153	47,153
BlackRock Fund Advisors	25-Mar-19	no	n/a	in specie	AUD	ORD	7,200	7,200
BlackRock Fund Advisors	25-Mar-19	no	n/a	in specie	AUD	ORD	2,600	2,600
BlackRock Investment Management (Australia) Limited	26-Mar-19	yes	5.29	on mkt buy	AUD	ORD	9,240	9,240
BlackRock Investment Management (Australia) Limited	27-Mar-19	yes	5.39	on mkt buy	AUD	ORD	31,000	31,000
BlackRock Advisors (UK) Limited	29-Mar-19	yes	5.47	on mkt buy	AUD	ORD	262	262
BlackRock Institutional Trust Company, National Association	29-Mar-19	yes	5.47	on mkt buy	AUD	ORD	57,580	57,580
BlackRock Fund Advisors	29-Mar-19	yes	5.47	on mkt buy	AUD	ORD	31,138	31,138

This is Annexure C of 1 pages referred to in form 603 Notice of initial substantial shareholder

02-Apr-19

Bradley Taylor,
Authorised Signatory

Date

7. Addresses

The addresses of persons named in this form are as follows:

Name	Address
BlackRock Group	
BlackRock Inc.	55 East 52nd Street New York NY 10055 USA
BlackRock (Netherlands) B.V.	Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands
BlackRock Advisors (UK) Limited	12 Throgmorton Avenue. London, EC2N 2DL, United Kinadom
BlackRock Financial Management, Inc.	1209 Orange Street, Wilmington, New Castle County, Delaware 19801. United States
BlackRock Fund Advisors	400 Howard Street San Francisco, CA, 94105 United States
BlackRock Institutional Trust Company, National Association	1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA)
BlackRock Investment Management (Australia) Limited	Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia)
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue London EC2N 2DL United Kinadom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801. United States