

Form 603

Corporations Act 2001

Section 671B

Notice of initial substantial holderTo Company Name/Scheme BRAVURA SOLUTIONS LTDACN/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 05 /12 /2018**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	10,753,222	10,753,222	5.01

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 Maria Tricarico

capacity Authorised Signatory*

sign here

date 07 / 12 / 2018

* 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.

07-Dec-18

Maria Tricarico,
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 16,799	16,799	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 73,097	73,097	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 1,339,879	1,339,879	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 1,183,851	1,183,851	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 125,920	125,920	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.	BOA-MERRILL LYNCH INTL PRIME BROKER - NEW YORK		ORD 14,984	14,984	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 187,197	187,197	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 6,012,850	6,012,850	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 183,387	183,387	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 165,235	165,235	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 276,992	276,992	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 69,821	69,821	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 (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 94,001	94,001	subsidiary of BlackRock Inc.

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 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 134,994	134,994	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 10,609	10,609	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 78,211	78,211	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 696,272	696,272	subsidiary of BlackRock Inc.

This is Annexure B of 3 pages referred to in form 603 Notice of initial substantial shareholder

07-Dec-18
Maria Tricarico,
Authorised Signatory
Date

5. Consideration

BRAVURA SOLUTIONS LTD (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 Investment Management (Australia) Limited	08-Aug-18	yes	3.49	on mkt buy	AUD	ORD 1,761	1,761		
BlackRock Investment Management (Australia) Limited	09-Aug-18	yes	3.57	on mkt buy	AUD	ORD 15,581	15,581		
BlackRock Investment Management (Australia) Limited	10-Aug-18	yes	3.60	on mkt buy	AUD	ORD 122	122		
BlackRock Investment Management (Australia) Limited	15-Aug-18	yes	3.65	on mkt buy	AUD	ORD 5,283	5,283		
BlackRock Investment Management (Australia) Limited	24-Aug-18	yes	3.67	on mkt buy	AUD	ORD 1,761	1,761		
BlackRock Investment Management (Australia) Limited	28-Aug-18	yes	3.83	on mkt buy	AUD	ORD 11,354	11,354		
BlackRock Investment Management (Australia) Limited	28-Aug-18	yes	3.86	on mkt buy	AUD	ORD 79,018	79,018		
BlackRock Investment Management (Australia) Limited	29-Aug-18	yes	3.99	on mkt buy	AUD	ORD 12,553	12,553		
BlackRock Investment Management (Australia) Limited	29-Aug-18	yes	3.99	on mkt buy	AUD	ORD 28,355	28,355		
BlackRock Investment Management (Australia) Limited	04-Sep-18	yes	4.22	on mkt buy	AUD	ORD 29,722	29,722		
BlackRock Investment Management (Australia) Limited	04-Sep-18	yes	4.22	on mkt buy	AUD	ORD 2,326	2,326		
BlackRock Investment Management (Australia) Limited	04-Sep-18	yes	4.22	on mkt buy	AUD	ORD 33,550	33,550		
BlackRock Investment Management (Australia) Limited	04-Sep-18	yes	4.22	on mkt buy	AUD	ORD 14,484	14,484		
BlackRock Investment Management (Australia) Limited	04-Sep-18	yes	4.22	on mkt buy	AUD	ORD 28,968	28,968		
BlackRock Investment Management (Australia) Limited	12-Sep-18	yes	4.34	on mkt buy	AUD	ORD 18,066	18,066		
BlackRock Investment Management (Australia) Limited	12-Sep-18	yes	4.34	on mkt buy	AUD	ORD 34,304	34,304		
BlackRock Investment Management (Australia) Limited	12-Sep-18	yes	4.34	on mkt buy	AUD	ORD 14,810	14,810		
BlackRock Investment Management (Australia) Limited	12-Sep-18	yes	4.34	on mkt buy	AUD	ORD 29,619	29,619		
BlackRock Investment Management (Australia) Limited	12-Sep-18	yes	4.34	on mkt buy	AUD	ORD 6,092	6,092		
BlackRock Investment Management (Australia) Limited	12-Sep-18	yes	4.34	on mkt buy	AUD	ORD 1,930	1,930		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.11	on mkt buy	AUD	ORD 2,015	2,015		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.11	on mkt buy	AUD	ORD 3,170	3,170		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.11	on mkt buy	AUD	ORD 1,093	1,093		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.11	on mkt buy	AUD	ORD 12,375	12,375		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.11	on mkt buy	AUD	ORD 10,685	10,685		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.10	on mkt buy	AUD	ORD 3,677	3,677		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.10	on mkt buy	AUD	ORD 5,785	5,785		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.10	on mkt buy	AUD	ORD 1,996	1,996		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.10	on mkt buy	AUD	ORD 22,586	22,586		
BlackRock Investment Management (Australia) Limited	19-Sep-18	yes	4.10	on mkt buy	AUD	ORD 19,503	19,503		
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	4.28	on mkt buy	AUD	ORD 15,621	15,621		

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	26-Sep-18	yes	4.28	on mkt buy	AUD	ORD 2,133	2,133
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	4.28	on mkt buy	AUD	ORD 15,623	15,623
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	4.28	on mkt buy	AUD	ORD 6,744	6,744
BlackRock Investment Management (Australia) Limited	26-Sep-18	yes	4.28	on mkt buy	AUD	ORD 13,489	13,489
BlackRock Investment Management (Australia) Limited	28-Sep-18	yes	4.38	on mkt buy	AUD	ORD 35,694	35,694
BlackRock Investment Management (Australia) Limited	03-Oct-18	yes	4.48	on mkt buy	AUD	ORD 15,261	15,261
BlackRock Investment Management (Australia) Limited	03-Oct-18	yes	4.48	on mkt buy	AUD	ORD 16,297	16,297
BlackRock Investment Management (Australia) Limited	04-Oct-18	yes	4.48	on mkt buy	AUD	ORD 53,047	53,047
BlackRock Investment Management (Australia) Limited	05-Oct-18	yes	4.45	on mkt buy	AUD	ORD 1,761	1,761
BlackRock Investment Management (Australia) Limited	10-Oct-18	yes	4.16	on mkt buy	AUD	ORD 12,506	12,506
BlackRock Investment Management (Australia) Limited	10-Oct-18	yes	4.16	on mkt buy	AUD	ORD 17,059	17,059
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	4.27	on mkt buy	AUD	ORD 782	782
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	4.27	on mkt buy	AUD	ORD 1,203	1,203
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	4.27	on mkt buy	AUD	ORD 2,790	2,790
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	4.38	on mkt buy	AUD	ORD 6,166	6,166
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	4.38	on mkt buy	AUD	ORD 9,494	9,494
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	4.38	on mkt buy	AUD	ORD 22,010	22,010
BlackRock Investment Management (Australia) Limited	17-Oct-18	yes	4.40	on mkt buy	AUD	ORD 35,579	35,579
BlackRock Investment Management, LLC	18-Oct-18	yes	4.33	on mkt buy	AUD	ORD 48,709	48,709
BlackRock Investment Management (Australia) Limited	18-Oct-18	yes	4.33	on mkt buy	AUD	ORD 154,700	154,700
BlackRock Investment Management (Australia) Limited	18-Oct-18	yes	4.33	on mkt buy	AUD	ORD 109,284	109,284
BlackRock Investment Management (Australia) Limited	18-Oct-18	yes	4.33	on mkt buy	AUD	ORD 100,000	100,000
BlackRock Investment Management (Australia) Limited	19-Oct-18	yes	4.37	on mkt buy	AUD	ORD 21,247	21,247
BlackRock Investment Management (Australia) Limited	23-Oct-18	yes	4.34	on mkt buy	AUD	ORD 4,410	4,410
BlackRock Investment Management (Australia) Limited	24-Oct-18	yes	4.35	on mkt buy	AUD	ORD 7,994	7,994
BlackRock Investment Management (Australia) Limited	25-Oct-18	yes	4.11	on mkt buy	AUD	ORD 7,496	7,496
BlackRock Investment Management (Australia) Limited	30-Oct-18	yes	4.05	on mkt buy	AUD	ORD 36,490	36,490
BlackRock Investment Management (Australia) Limited	31-Oct-18	yes	4.12	on mkt buy	AUD	ORD 8,268	8,268
BlackRock Investment Management (Australia) Limited	01-Nov-18	yes	4.36	on mkt buy	AUD	ORD 30,967	30,967
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	4.37	on mkt buy	AUD	ORD 9,143	9,143
BlackRock Investment Management (Australia) Limited	02-Nov-18	yes	4.36	on mkt buy	AUD	ORD 2,178	2,178
BlackRock Investment Management (Australia) Limited	08-Nov-18	yes	4.67	on mkt buy	AUD	ORD 8,974	8,974
BlackRock Investment Management (Australia) Limited	09-Nov-18	yes	4.63	on mkt buy	AUD	ORD 37,487	37,487
BlackRock Investment Management (Australia) Limited	12-Nov-18	yes	4.53	on mkt buy	AUD	ORD 2,100	2,100
BlackRock Investment Management (Australia) Limited	13-Nov-18	yes	4.45	on mkt buy	AUD	ORD 13,436	13,436
BlackRock Investment Management (Australia) Limited	14-Nov-18	yes	4.43	on mkt buy	AUD	ORD 1,131	1,131
BlackRock Investment Management (Australia) Limited	15-Nov-18	yes	4.47	on mkt buy	AUD	ORD 7,488	7,488
BlackRock Investment Management (Australia) Limited	15-Nov-18	yes	4.51	on mkt buy	AUD	ORD 2,178	2,178

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	20-Nov-18	yes	4.10	on mkt buy	AUD	ORD 6,676	6,676
BlackRock Investment Management (Australia) Limited	21-Nov-18	yes	3.80	on mkt buy	AUD	ORD 45,366	45,366
BlackRock Investment Management (Australia) Limited	27-Nov-18	yes	3.74	on mkt buy	AUD	ORD 12,021	12,021
BlackRock Investment Management (Australia) Limited	27-Nov-18	yes	3.78	on mkt buy	AUD	ORD 2,420	2,420
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
BlackRock Fund Advisors	05-Dec-18	yes	3.64	on mkt buy	AUD	ORD 42,436	42,436

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

07-Dec-18

Maria Tricarico,
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 Kingdom
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 Kingdom
BlackRock Investment Management, LLC	1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States