



AIA ENGINEERING

Capital Goods

25 May 2023

Robust performance

Rs 2.3bn estimated.

- Q4 EBITDA margin expands to 24.8% on a better revenue mix; stronger margin coupled with higher other income aids a beat on PAT
- FY24 volume growth guidance at ~10% with a 20-22% margin; freight cost headwinds have abated
- FY24/FY25 EPS estimates raised 9%/12% to bake in guidance; TP revised to Rs 3,500 (vs. Rs 3,300) post rollover – retain BUY

Vinod Chari | Swati Jhunjhunwala Nilesh Patil research@bobcaps.in

Key changes

Target	Rating				
	<►				
/Price	AIAE IN/Rs 2,910				
et cap	US\$ 3.3bn				
loat	42%				
VC	US\$ 2.0mn				
high/low	Rs 2,988/Rs 1,902				
Promoter/FPI/DII 59%/18%/21%					
	/Price et cap loat DV high/low	Image: Non-State Alaction Non-State			

Source: NSE | Price as of 25 May 2023

Key financials

•			
Y/E 31 Mar	FY23P	FY24E	FY25E
Total revenue (Rs mn)	49,088	54,606	56,422
EBITDA (Rs mn)	12,406	12,800	13,114
Adj. net profit (Rs mn)	10,559	10,680	10,976
Adj. EPS (Rs)	112.0	113.2	116.4
Consensus EPS (Rs)	112.0	104.5	114.8
Adj. ROAE (%)	20.2	17.6	16.1
Adj. P/E (x)	26.0	25.7	25.0
EV/EBITDA (x)	22.1	21.1	20.5
Adj. EPS growth (%)	70.4	1.1	2.8

Source: Company, Bloomberg, BOBCAPS Research | P - Provisional

Stock performance



Source: NSE

Strong performance: AIAE's Q4FY23 revenue grew 16% YoY to Rs 12.7bn backed by volume/realisation growth of 1%/15% YoY. EBITDA margin swelled 410bps YoY to 24.8% due to a favourable product mix and a Rs 153mn forex gain. Management expects a 20-22% margin for FY24. PAT increased 38% YoY in Q4 to Rs 2.7bn vs.

FY24 volume growth guided at 10%: At 291,000mt, AIAE nearly met its FY23 sales volume guidance of 295,000mt, and maintained its earlier forecast of achieving incremental volumes of 30,000mt for FY24, totaling to ~320,000mt. This is expected to be underpinned by a mix of new and existing customers.

Improving tailwinds: AIAE indicated that core industries remain strong and that it does not anticipate any major macroeconomic challenges for its customers in the mining, cement and utilities verticals over the next 12 months. Australia, North America, LATAM and CIS nations remain key geographies for the company. AIAE's strategy is to serve as a complete solution provider for grinding media and mill liners. On the cost side, management stated that freight-related challenges post Covid have abated and the company is now able to pass on freight cost to customers.

Controlled capex to augment growth: To capitalise on the mining industry's conversion trend from forged media to high chrome mill internals, AIAE plans to expand capacity from 440,000mt to 520,000mt by FY24, through brownfield capex of Rs 2bn. The company has a healthy balance sheet (net cash of Rs 25bn) with negligible leverage and strong free cash flow generation. We believe this will keep ROCE above 15%.

Retain BUY: We upgrade our FY24/FY25 EPS estimates by 9%/12% to incorporate the FY23 numbers, and also roll forward to Mar'25E valuations, translating to a revised TP of Rs 3,500 (from Rs 3,300). Our target is set at an unchanged 30x P/E multiple – a 25% premium to the stock's 5Y average. We retain BUY as we remain positive on AIAE's structural growth story.





Fig 1 – Quarterly performance

Particulars (Rs mn)	Q4FY23	Q4FY22	YoY (%)	Q3FY23	QoQ (%)	FY23	FY22	YoY (%)
Revenue	12,736	10,933	16.5	12,269	3.8	49,088	35,665	37.6
EBITDA	3,157	2,259	39.8	3,657	(13.7)	12,406	7,209	72.1
EBITDAM (%)	24.8	20.7	410bps	29.8	(500bps)	25.3	20.2	510bps
Depreciation	232	213	9.2	244	(4.9)	930	921	1.0
Interest	99	(2)	NM*	52	88.7	201	39	422.1
Other Income	638	387	64.7	1,180	(45.9)	2,345	1,563	50.1
PBT	3,464	2,436	42.2	4,540	(23.7)	13,620	7,813	74.3
Tax	788	496	58.9	1,015	(22.4)	3,055	1,617	89.0
Adjusted PAT	2,682	1,946	37.8	3,525	(23.9)	10,559	6,196	70.4
Exceptional item	0	0	-	0	-	0	0	-
Reported PAT	2,682	1,946	37.8	3,525	(23.9)	10,559	6,196	70.4
Adj. PATM (%)	21.1	17.8	326bps	28.7	(767bps)	21.5	17.4	414bps
EPS (Rs)	28.4	20.6	38	37.4	(24.1)	112.0	65.7	70.4

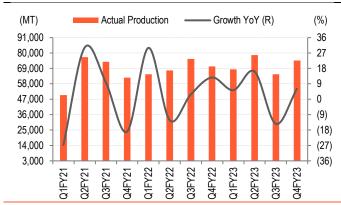
Source: Company, BOBCAPS Research; * Not Meaningful

Fig 2 – Actuals vs. Estimates

Actuals	Estimates	Variance (%)
12,736	12,232	4.1
3,157	2,933	7.7
24.8	24.0	0.8
2,682	2,306	16.3
	12,736 3,157 24.8	12,736 12,232 3,157 2,933 24.8 24.0

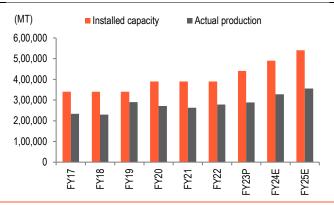
Source: Company, BOBCAPS Research

Fig 3 – Quarterly production volume trend



Source: Company, BOBCAPS Research

Fig 4 – Annual production volume trend



Source: Company, BOBCAPS Research



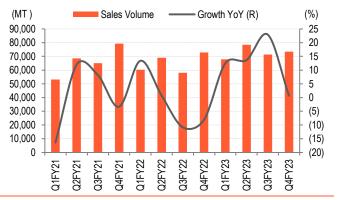


Fig 5 – Quarterly sales volume trend

Source: Company, BOBCAPS Research

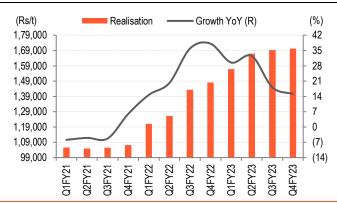
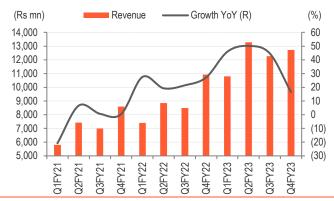




Fig 9 – Quarterly revenue trend



Source: Company, BOBCAPS Research

Fig 6 – Annual sales volume trend

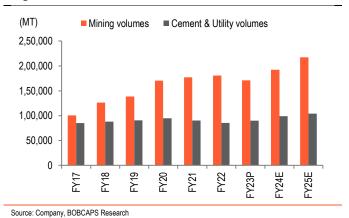
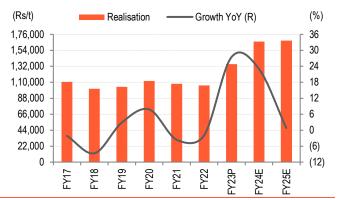
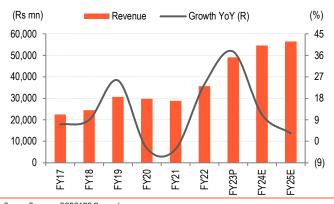


Fig 8 – Annual realisation trend



Source: Company, BOBCAPS Research

Fig 10 – Annual revenue trend



Source: Company, BOBCAPS Research

Fig 7 – Quarterly realisation trend



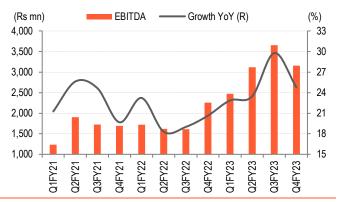
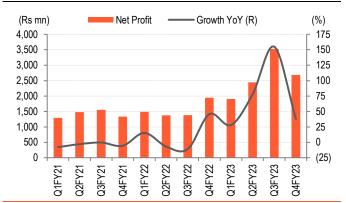


Fig 11 – Quarterly EBITDA trend

Source: Company, BOBCAPS Research

Fig 13 - Quarterly adj. PAT trend



Source: Company, BOBCAPS Research

Fig 12 – Annual EBITDA trend

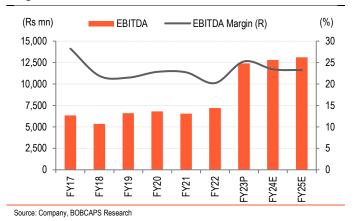
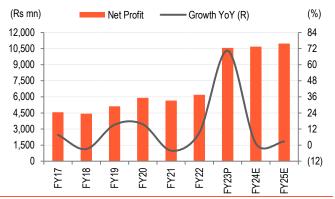


Fig 14 – Annual adj. PAT trend



Source: Company, BOBCAPS Research



Valuation methodology

AIAE's strategy is to serve as a complete solution provider for grinding media and mill liners. The company has indicated that core industries remain strong and that it does not anticipate any major macroeconomic challenges for its customers in the mining, cement and utilities verticals over the next 12 months.

To capitalise on the mining industry's conversion trend from forged media to high chrome mill internals, AIAE plans to expand capacity from 440,000mt to 520,000mt by FY24, through brownfield capex of Rs 2bn. The company has a healthy balance sheet (net cash of Rs 25bn) with negligible leverage and strong free cash flow generation. We believe this will keep ROCE above 15%.

We upgrade our FY24/FY25 EPS estimates by 9%/12% to incorporate the FY23 numbers, and also roll forward to Mar'25E valuations, translating to a revised TP of Rs 3,500 (from Rs 3,300). Our target is set at an unchanged 30x P/E multiple – a 25% premium to the stock's five-year average. We retain BUY as we remain positive on AIAE's structural growth story.

Fig 15 – Revised estimates

Particulars (Rs mn)	New	1	Old	ł	Change	(%)
	FY24E	FY25E	FY24E	FY25E	FY24E	FY25E
Sales	54,606	56,422	51,725	50,180	5.6	12.4
EBITDA	12,800	13,114	11,777	11,710	8.7	12.0
PAT	10,680	10,976	9,804	9,797	8.9	12.0
EPS	113.2	116.4	103.9	103.9	8.9	12.0
EBITDA Margin (%)	23.4	23.2	22.8	23.3	70bps	(10bps)

Source: Company, BOBCAPS Research

Key risks

Key downside risks to our estimates are:

- continued protectionist measures leading to anti-dumping duties, and
- a slowdown in mining capex.

Sector recommendation snapshot

Company	Ticker	Market Cap (US\$ bn)	Price (Rs)	Target (Rs)	Rating
ABB India	ABB IN	10.2	3,942	3,700	HOLD
AIA Engineering	AIAE IN	3.3	2,910	3,500	BUY
Cummins India	KKC IN	5.6	1,650	2,000	BUY
Hitachi Energy	POWERIND IN	2.0	3,796	4,400	BUY
KEC International	KECI IN	1.6	523	500	HOLD
Larsen & Toubro	LT IN	37.7	2,205	2,630	BUY
Siemens India	SIEM IN	15.1	3,487	3,700	HOLD
Thermax	TMX IN	3.3	2,269	2,400	HOLD

Source: BOBCAPS Research, NSE | Price as of 25 May 2023



Financials

Income Statement					
Y/E 31 Mar (Rs mn)	FY21A	FY22A	FY23P	FY24E	FY25E
Total revenue	28,815	35,665	49,088	54,606	56,422
EBITDA	6,552	7,209	12,406	12,800	13,114
Depreciation	935	921	930	1,096	1,265
EBIT	5,617	6,288	11,476	11,703	11,849
Net interest inc./(exp.)	43	39	201	120	140
Other inc./(exp.)	1,722	1,563	2,345	2,697	2,967
Exceptional items	0	0	0	0	0
EBT	7,296	7,813	13,620	14,280	14,676
Income taxes	1,639	1,617	3,055	3,594	3,694
Extraordinary items	0	0	0	0	0
Min. int./Inc. from assoc.	4	0	(6)	(6)	(6)
Reported net profit	5,661	6,196	10,559	10,680	10,976
Adjustments	0	0	0	0	0
Adjusted net profit	5,661	6,196	10,559	10,680	10,976

Balance Sheet					
Y/E 31 Mar (Rs mn)	FY21A	FY22A	FY23P	FY24E	FY25E
Accounts payables	1,658	1,967	2,614	2,992	3,092
Other current liabilities	943	1,057	1,176	2,244	2,319
Provisions	0	0	0	0	0
Debt funds	1,845	28	4,960	5,518	5,701
Other liabilities	693	654	649	717	744
Equity capital	189	189	189	189	189
Reserves & surplus	42,255	47,361	56,725	64,201	71,884
Shareholders' fund	42,443	47,550	56,913	64,389	72,073
Total liab. and equities	47,582	51,256	66,312	75,861	83,928
Cash and cash eq.	19,468	15,610	30,595	32,139	39,414
Accounts receivables	6,410	8,001	8,608	11,968	12,366
Inventories	7,548	12,260	12,180	13,465	13,912
Other current assets	1,191	1,395	1,741	2,843	2,937
Investments	2,572	5	8	9	9
Net fixed assets	8,114	8,000	10,027	11,931	11,666
CWIP	1,609	2,102	1,074	1,195	1,235
Intangible assets	0	0	0	0	0
Deferred tax assets, net	0	0	0	0	0
Other assets	669	3,882	2,077	2,311	2,388
Total assets	47,582	51,256	66,312	75,861	83,928

Cash Flows

Y/E 31 Mar (Rs mn)	FY21A	FY22A	FY23P	FY24E	FY25E
Cash flow from operations	5,985	(392)	8,677	7,483	11,481
Capital expenditures	(1,231)	(1,253)	(1,924)	(3,000)	(1,000)
Change in investments	(2,572)	1,490	(10,746)	(122)	(40)
Other investing cash flows	289	762	587	(171)	(56)
Cash flow from investing	(3,513)	999	(12,083)	(3,292)	(1,096)
Equities issued/Others	0	0	0	0	0
Debt raised/repaid	755	(1,816)	4,932	558	183
Interest expenses	0	0	0	0	0
Dividends paid	0	0	0	0	0
Other financing cash flows	(90)	(859)	(982)	(3,204)	(3,293)
Cash flow from financing	665	(2,676)	3,950	(2,647)	(3,109)
Chg in cash & cash eq.	3,137	(2,069)	544	1,544	7,275
Closing cash & cash eq.	19,468	15,610	30,595	32,139	39,414

Per Share					
Y/E 31 Mar (Rs)	FY21A	FY22A	FY23P	FY24E	FY25
Reported EPS	60.0	65.7	112.0	113.2	116.
Adjusted EPS	60.0	65.7	112.0	113.2	116.
Dividend per share	9.0	9.0	16.0	34.0	34.
Book value per share	450.0	504.1	603.4	682.7	764.
Valuations Ratios					
Y/E 31 Mar (x)	FY21A	FY22A	FY23P	FY24E	FY25
EV/Sales	9.5	7.6	5.6	4.9	4.
EV/EBITDA	41.7	37.8	22.1	21.1	20.
Adjusted P/E	48.5	44.3	26.0	25.7	25.
P/BV	6.5	5.8	4.8	4.3	3.
DuDont Analysia					
DuPont Analysis Y/E 31 Mar (%)	FY21A	FY22A	FY23P	FY24E	FY25
Tax burden (Net profit/PBT)	77.6	79.3	77.5	74.8	74.
Interest burden (PBT/EBIT)	129.9	124.2	118.7	122.0	123.
EBIT margin (EBIT/Revenue)	19.5	17.6	23.4	21.4	21.
Asset turnover (Rev./Avg TA)	64.6	72.2	83.5	76.8	70.
Leverage (Avg TA/Avg Equity)	1.1	1.1	1.1	1.2	1.
Adjusted ROAE	14.2	13.8	20.2	17.6	16.
Define A set of					
Ratio Analysis Y/E 31 Mar	FY21A	FY22A	FY23P	FY24E	FY25
	FIZIA	FIZZA	FIZOF	FIZ4E	FIZU
YoY growth (%) Revenue	(2.2)	23.8	37.6	11.2	3.
	(3.3)		72.1	3.2	
EBITDA	(3.7)	10.0 9.4	72.1	3.2 1.1	2.
Adjusted EPS	(4.1)	9.4	70.4	1.1	Ζ.
Profitability & Return ratios (%)	22.7	20.2	05.0	23.4	23.
EBITDA margin			25.3		
EBIT margin	19.5	17.6	23.4	21.4	21.
Adjusted profit margin	19.6	17.4	21.5	19.6	19.
Adjusted ROAE	14.2	13.8	20.2	17.6	16.
ROCE	13.0	13.0	19.9	18.0	16.
Working capital days (days)	04	00	64	00	
Receivables	81	82	64	80	8
Inventory	96	125	91	90	9
Payables	21	20	19	20	2
D (2))					
17			o =	• •	-
Ratios (x) Gross asset turnover	1.8	2.2	2.7	2.6	
Gross asset turnover Current ratio	7.8	12.3	6.1	5.6	2. 6.
Gross asset turnover					

Source: Company, BOBCAPS Research | Note: TA = Total Assets

AIA ENGINEERING



NOT FOR DISTRIBUTION, DIRECTLY OR INDIRECTLY, IN OR INTO THE UNITED STATES OF AMERICA ("US") OR IN OR INTO ANY OTHER JURISDICTION IF SUCH AN ACTION IS PROHIBITED BY APPLICABLE LAW.

Disclaimer

Name of the Research Entity: BOB Capital Markets Limited Registered office Address: 1704, B Wing, Parinee Crescenzo, G Block, BKC, Bandra East, Mumbai 400051 SEBI Research Analyst Registration No: INH000000040 valid till 03 February 2025 Brand Name: BOBCAPS Trade Name: www.barodaetrade.com CIN: U65999MH1996GOI098009



Investments in securities market are subject to market risks. Read all the related documents carefully before investing. Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Recommendation scale: Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

HOLD - Expected return from -6% to +15%

SELL - Expected return <-6%

Note: Recommendation structure changed with effect from 21 June 2021

Our recommendation scale does not factor in short-term stock price volatility related to market fluctuations. Thus, our recommendations may not always be strictly in line with the recommendation scale as shown above.

Ratings and Target Price (3-year history): AIA ENGINEERING (AIAE IN)



B - Buy, H - Hold, S - Sell, A - Add, R - Reduce

Analyst certification

The research analyst(s) authoring this report hereby certifies that (1) all of the views expressed in this research report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOB Capital Markets Limited (BOBCAPS).

General disclaimers

BOBCAPS is engaged in the business of Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017.

BOBCAPS prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, BOBCAPS prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover.

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction We are not soliciting any action based on this material. It is for the general information of BOBCAPS's clients. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice. BOBCAPS research reports follow rules laid down by Securities and Exchange Board of India and individuals employed as research analysts are separate from other employees who are performing sales trading, dealing, corporate finance advisory or any effort the independence of the construct. or any other activity that may affect the independence of its research reports.

AIA ENGINEERING



The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities — that give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavour to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so.

We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may assume an underwriting commitment in the securities of companies discussed in this document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

Company-specific disclosures under SEBI (Research Analysts) Regulations, 2014

The research analyst(s) or his/her relatives do not have any material conflict of interest at the time of publication of this research report.

BOBCAPS or its research analyst(s) or his/her relatives do not have any financial interest in the subject company, except for Research Analyst Vinod Chari having 55 shares of Larsen & Toubro (LT IN). BOBCAPS or its research analyst(s) or his/her relatives do not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

The research analyst(s) has not received any compensation from the subject company or third party in the past 12 months in connection with research report/activities. Compensation of the research analyst(s) is not based on any specific merchant banking, investment banking or brokerage service transactions.

BOBCAPS or its research analyst(s) is not engaged in any market making activities for the subject company.

The research analyst(s) has not served as an officer, director or employee of the subject company.

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months.

Other disclaimers

BOBCAPS and MAYBANK (as defined below) make no representation or warranty, express or implied, as to the accuracy or completeness of any information obtained from third parties and expressly disclaim the merchantability, suitability, quality and fitness of this report. The information in this report has not been independently verified, is provided on an "as is" basis, should not be relied on by you in connection with any contract or commitment, and should not be used as a substitute for enquiries, procedures and advice which ought to be undertaken by you. This report also does not constitute an offer or solicitation to buy or sell any securities referred to herein and you should not construct this report as investment advice. All opinions and estimates contained in this report constitute BOBCAPS's judgment as of the date of this report and are subject to change without notice, and there is no obligation on BOBCAPS or MAYBANK to update this report upon issuance. This report and the information contained herein may not be reproduced, redistributed, disseminated or copied by any means without the prior consent of BOBCAPS and MAYBANK.

To the full extent permitted by law neither BOBCAPS, MAYBANK nor any of their respective affiliates, nor any other person, accepts any liability howsoever arising, whether in contract, tort, negligence, strict liability or any other basis, including without limitation, direct or indirect, special, incidental, consequential or punitive damages arising from any use of this report or the information contained herein. By accepting this report, you agree and undertake to fully indemnify and hold harmless BOBCAPS and MAYBANK from and against claims, charges, actions, proceedings, losses, liabilities, damages, expenses and demands (collective), the "Losses" which BOBCAPS and/or MAYBANK may incur or suffer in any jurisdiction including but not limited to those Losses incurred by BOBCAPS and/or MAYBANK as a result of any proceedings or actions brought against them by any regulators and/or authorities, and which in any case are directly or indirectly occasioned by or result from or are attributable to anything done or omitted in relation to or arising from or in connection with this report.

Distribution into the United Kingdom ("UK"):

This research report will only be distributed in the United Kingdom, in accordance with the applicable laws and regulations of the UK, by Maybank Securities (London) Ltd) ("MSL") who is authorised and regulated by the Financial Conduct Authority ("FCA") in the United Kingdom (MSL and its affiliates are collectively referred to as "MAYBANK"). BOBCAPS is not authorized to directly distribute this research report in the UK.

This report has not been prepared by BOBCAPS in accordance with the UK's legal and regulatory requirements.

This research report is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of MAYBANK as selected by MAYBANK solely at its discretion; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended from time to time (the "Order"), or (c) fall within Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc. as mentioned in the stated Article) of the Order; (all such persons together being referred to as "relevant persons").

This research report is directed only at relevant persons and must not be acted on or relied on by any persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

The relevant person as recipient of this research report is not permitted to reproduce, change, remove, pass on, distribute or disseminate the data or make it available to third parties without the written permission of BOBCAPS or MAYBANK. Any decision taken by the relevant person(s) pursuant to the research report shall be solely at their costs and consequences and BOBCAPS and MAYBANK shall not have any liability of whatsoever nature in this regard.

No distribution into the US:

This report will not be distributed in the US and no US person may rely on this communication.

Other jurisdictions:

This report has been prepared in accordance with SEBI (Research Analysts) Regulations and not in accordance with local regulatory requirements of any other jurisdiction. In any other jurisdictions, this report is only for distribution (subject to applicable legal or regulatory restrictions) to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions by Maybank Securities Pte Ltd. (Singapore) and / or by any broker-dealer affiliate or such other affiliate as determined by Malayan Banking Berhad.

If the recipient of this report is not as specified above, then it should not act upon this report and return the same to the sender.

By accepting this report, you agree to be bound by the foregoing limitations.