#### **ZEAL AQUA LIMITED** CIN No: L05004GJ2009PLC056270

Date: 17/08/2022

To, **BSE** Limited Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai- 400001

Script ID/ Code : ZEAL/539963

Subject : Disclosure of information pursuant to Regulation 30 of SEBI (Listing

Obligations and Disclosure Requirements) Regulations, 2015

Dear Sir/Madam,

In compliance with Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015. Kindly find enclosed herewith a copy of Results presentation with respect to the Financial results for the Quarter and Year ended 31st March 2022 of the company.

Kindly take the above information on record and oblige.

Thanking you.

Yours Faithfully

For Zeal Aqua Limited

Rohan Pradipkumar Navik

Wholetime Director

DIN: 02531248





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Overview of Company and its Management

Financial Highlights

Overview of Company



## **BUSINESS SEGMENTS**







**SHRIMP FARMING** 



FROZEN SHRIMPS

## STATE OF ART FACILITY



**FARM & LAB TEST** 

**PRE-PROCESSING** 

**PROCESSING & VALUE ADDITION** 

## NURSERY SHRIMP CULTURE









## PROJECT SUMMARY

1.	Title	Blast Freezer for Shrimp Production
2.	No. of unit	2
3.	Total Project Cost (Rs.	2.10 Crores
	in Crores)	
4.	Project Duration	6 Months
5.	Species of Fish	Shrimpe ( L. Mannamoi/ Black Tigor)
J.	Species of Fish	Shrimps ( L. Vannamei/ Black Tiger) Fish (Tilapia &Pengasus)
	D:	rish (Hiapia & Pengasus)
	Project Location:	
	Village	Orma
<b> </b>	Block	347
6.	Taluka	Olpad
	District	Surat
	State	Gujarat
	Details of Beneficiary:	
	Name	Zeal Aqua Limited
7.	Address	Block No. 347, Village- Orma, Tal Olpad.
	Bank Name	Axis Bank
	Account No.	917030064972910
	IFSC Code	UTIB0000047



### **INTRODUCTION**

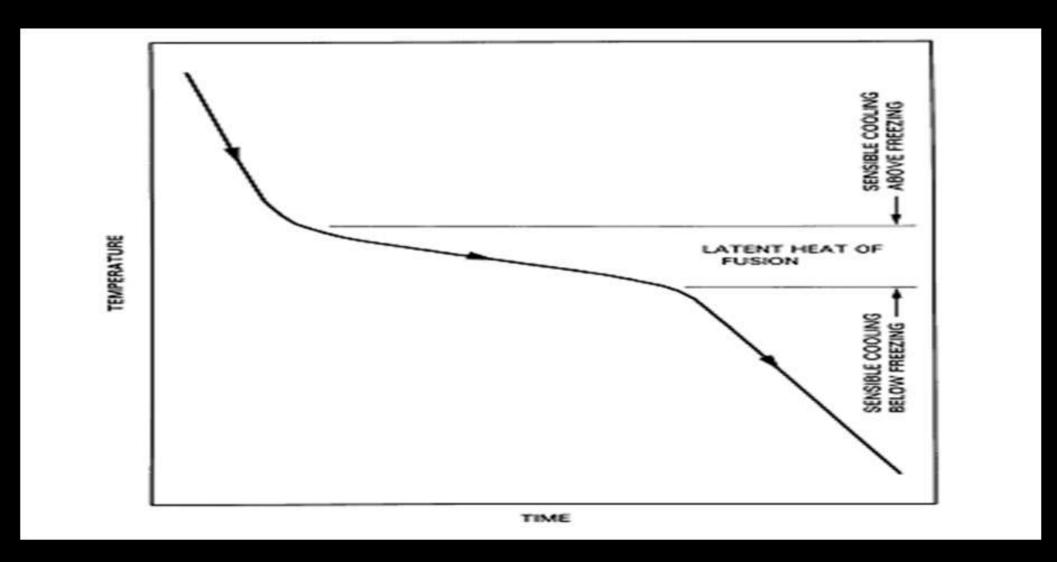
FREEZING is a widely used method of food preservation. In frozen food, the physical changes and microbiological and chemical activity slows down. Reducing temperature slows molecular and microbial activity in food, thus extending its useful storage life.

Although every product has an individual ideal storage temperature, most frozen food products are stored at −18 to −45°C.

Freezing reduces the temperature of a product from ambient to storage level and changes most of the water in the product to ice. the freezing process occurs in 3 phases. In the first phase, the food is cooled from ambient temperature to freezing point by removing sensible heat. In the second phase, the phase transition heat of the food is removed by turning the water within it to ice. In the third phase, cooling continues below the freezing point, which removes more sensible heat, reducing the temperature of the product to the desired or optimum frozen storage temperature.

The longest part of the freezing process is the removal of the latent heat of fusion as water turns to ice. Many food products are sensitive to the freezing process, which affects quality, nutritional value, and appearance. Thus, the freezing method and system selected can thus have substantial impact on quality and economy.

The following factors should be considered in the selection of freezing systems and methods for specific products: special handling requirements, capacity, freezing times, quality consideration, hygiene, yield, appearance, manufacturing cost, operating costs, automation, space availability, placement of the product with respect to the evaporator and upstream/downstream processes, durability, maintenance.



### FREEZING METHODS

Freezing methods can be grouped by their basic method of extracting heat from food products

#### BLAST FREEZING (CONVECTION)

Cold air is circulated over the product at high velocity, removing heat from the product and releasing in to an air/refrigerant heat exchanger before being circulated.

#### CONTACT FREEZING (CONDUCTION)

Packaged or unpackaged products are placed on or between cold metal surfaces. The heat on the surface of the product is removed by the metal surfaces that are kept continuously cold by refrigerant circulating within them. Contact freezing provides better results than blast freezing. In contact freezing, it is possible to shock freeze products with regular surfaces on the plates. When we wish to shock freeze units of various sizes, we have to switch to blast freezing.

#### (EXTREMELY LOW TEMPERATURE) FREEZING (CONVECTION AND/OR CONDUCTION)

Food is exposed to an environment below −60°C, which is achieved by spraying liquid CO2 or liquid N2 into the freezing chamber.

# CRYOMECHANICAL (WITH THE COMBINATION OF EXTREMELY LOW TEMPERATURE AND MECHANICAL COOLING) FREEZING (CONVECTION AND/OR CONDUCTION)

Food is first exposed to Cryogenic freezing and then finish frozen through mechanical refrigeration. Special freezing methods, such as immersion of poultry in chilled brine, are also available.

### WHY CHOOSE BLAST FREEZER?

As compared to other freezing methods, the most significant advantage of blast freezers is their versatility and fitness for various uses. Blast freezers tend to be a good choice for products that are irregular in size and shape. Applications like plate freezers are not appropriate for such foods of irregular shape and size. This flexibility and versatility of blast freezers, while providing a significant advantage makes it difficult for the potential user to clearly ascertain what he wants, which easily leads to inefficient use afterwards.



### TYPES OF BLAST FREEZERS

While there are many designs and alignments of blast freezers, they can be grouped in three basic groups:

#### I. CONTINUOUS (PROCESS LINE) FREEZERS

The product moves continuously within the freezer during the process, which is called a continuous process line cooler. In the continuous freezer, the product is moved into the freezer by conveyors.

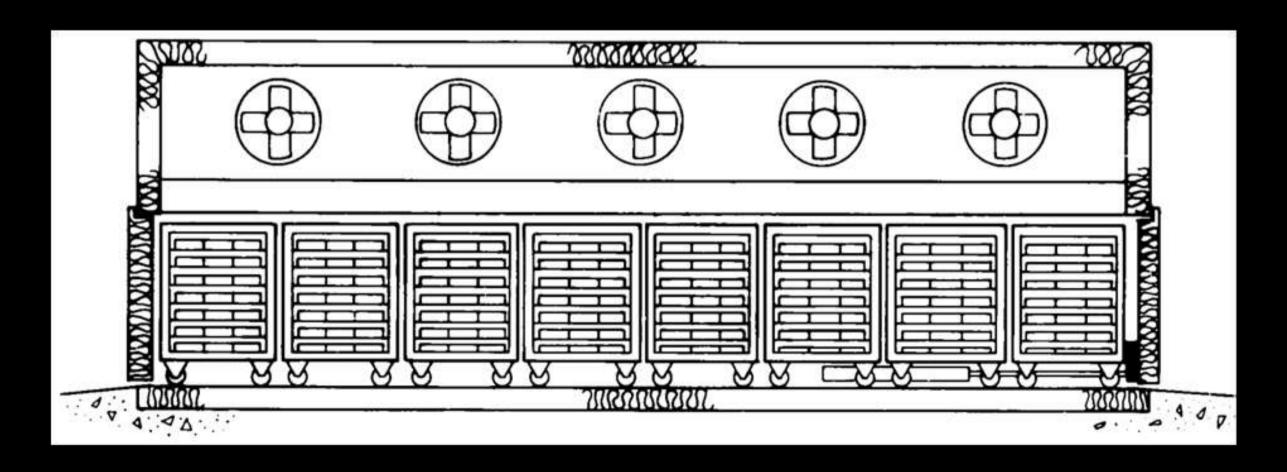
#### 2. BATCH FREEZERS

The product is stationary within the freezer, which is called batch freezing.

## 3. INTERMITTENT (HALF-BATCH) FREEZERS

**Push-Through Trolley Freezer,** 

The system operates like a half/batch system when trolleys are used for moving the blast frozen product instead of conveyors. The old trolley remains stationary until the new trolley arrives from the intake end. In this way, as a new trolley comes in, a trolley filled with the frozen product exits from the other end.



SR. No.	DESCRIPTION	COST Rs. IN LAKHS			
CAPI	CAPITAL COST				
1.	PANELS	31.57			
2.	TROLLY & OTHER INSTRUMENTS	36.76			
3.	Coils	29.97			
4.	Doors	07.16			
5.	VALVES	10.38			
6.	PIPING, FABRICATION & ERECTION	13.07			
7.	CIVIL WORK	08.26			
8.	MEAT MIXING MACHINE	15.22			
9.	DG	30.42			
10.	INSTALLATION	04.72			
11.	OTHER	22.50			
	Total capital cost	209.93			



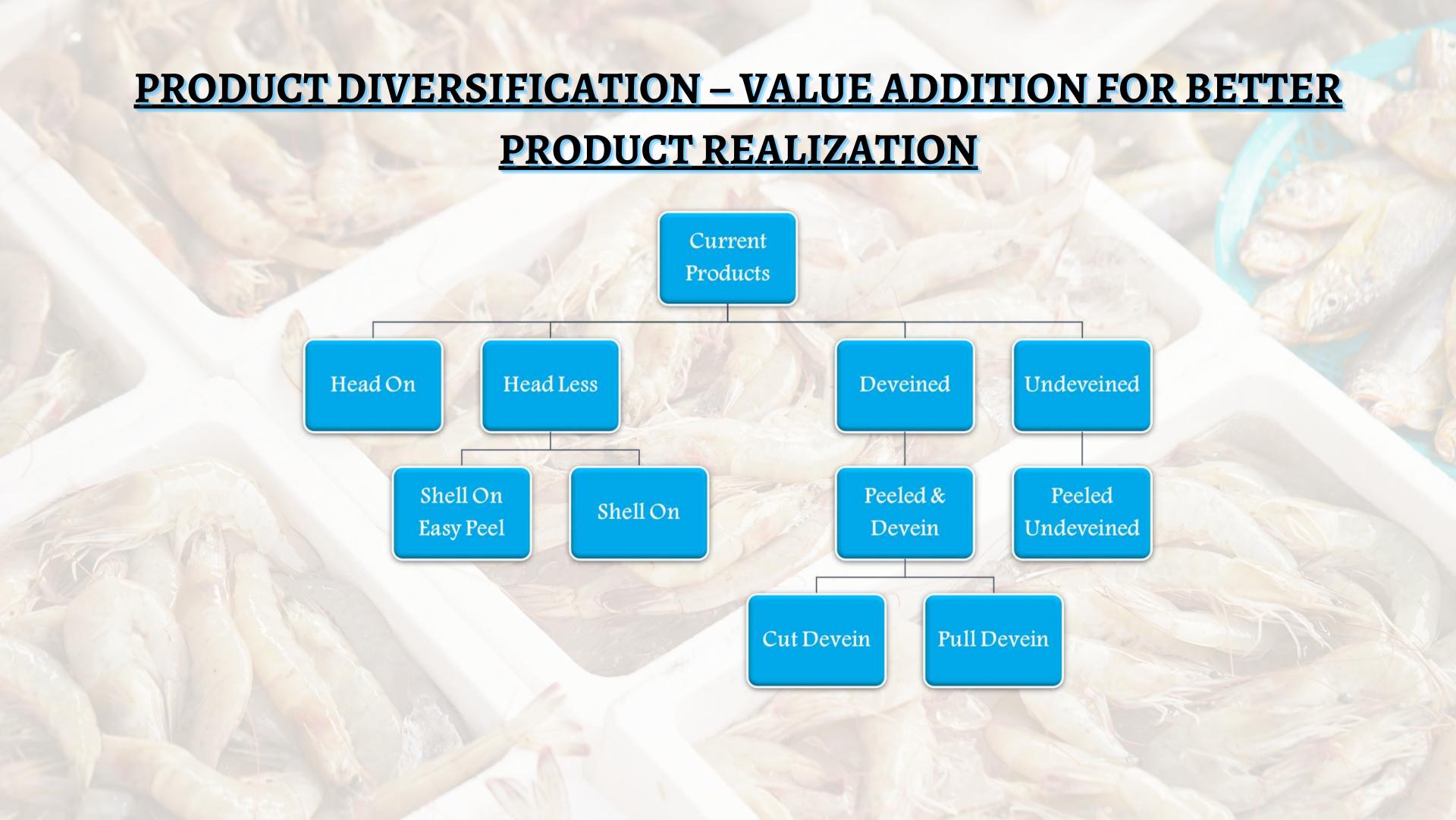


## BLAST FREEZER

### **Benifits:**

- INCREASE PRODUCTION CAPICITY
- EASY TO HANDLE
- HIGH QUALITY
- ADJUST THE FREEZING TIME
- FOOD SAFETY
- MULTI-TYPE OF FROZEN FOODS
- INCREASE EXPORT
- ENERGY EFFICIENT





### **CORE MANAGEMENT**









SHANTILAL PATEL Managing Director

PRADIPKUMAR NAVIK
Wholetime Director

DHAVALKUMAR PATEL
Wholetime Director

ROHAN NAVIK
Wholetime Director





















### **CERTIFICATIONS**















Did Jou Know!

SHRIMP IS A TYPE OF **SHELLFISH**, NOT FISH.

BABY SHRIMPS ARE KNOWN AS LARVAE.

A SHRIMP HEART IS IN ITS HEAD AND HAS FIVE PAIR OF LEGS.

SHRIMP ARE ALSO THE MOST POPULAR TYPE OF **SEAFOOD** CONSUMED BY MANY PEOPLE.

A SHRIMP IS RICH IN SELENIUM, CHOLINE, VITAMIN **B12** AND ALSO CONTAIN A CANCER-FIGHTING MINERAL

THERE ARE MORE THAN 2000 DIFFERENT KINDS OF SHRIMP SPECIES.

SHRIMP RAISED IN THE U.S. IS GENERALLY CONSIDERED ECO-FRIENDLY

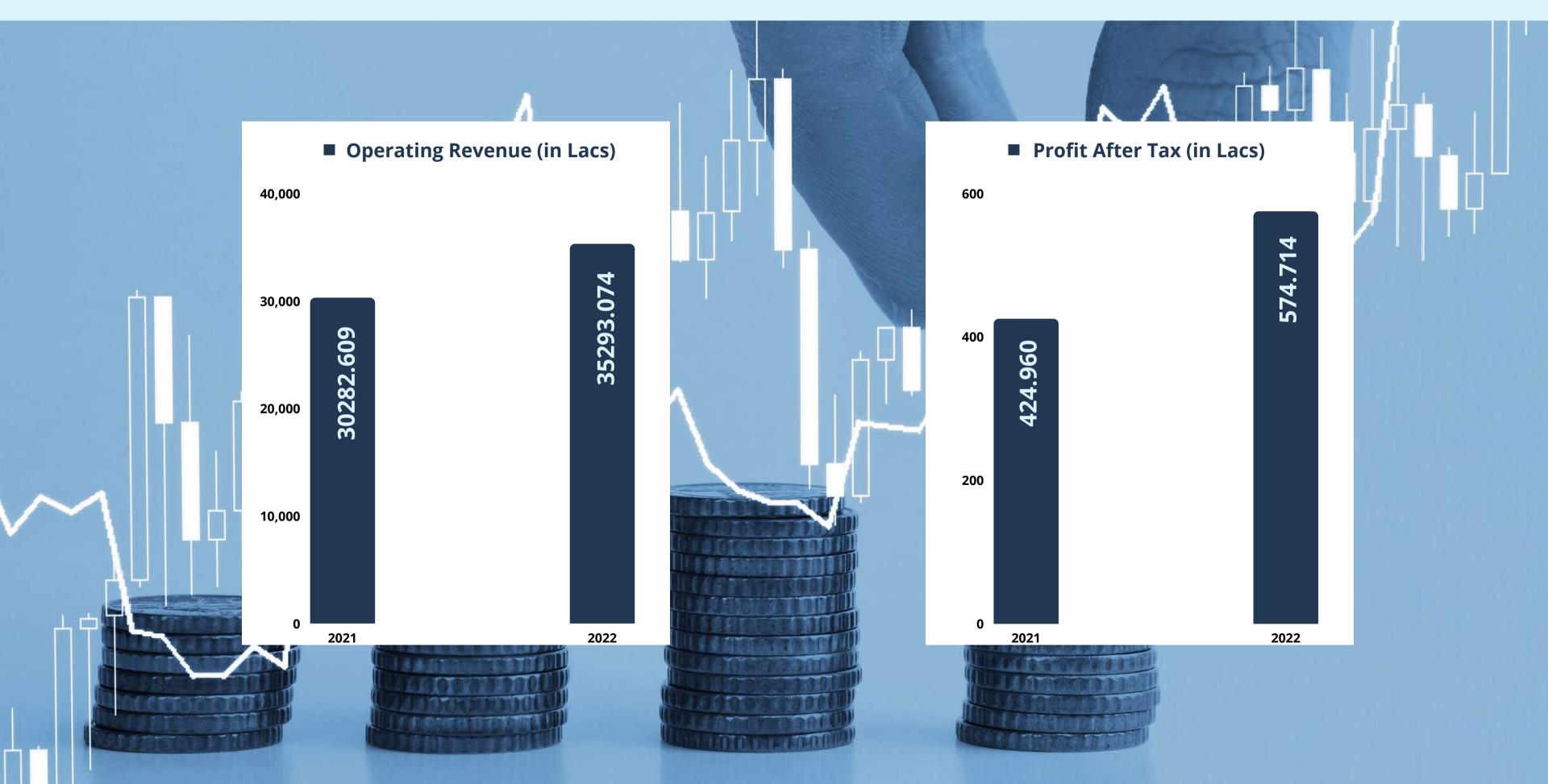
EVERY SPRING, YOUNG SHRIMP IN THE MEDITERRANEAN SEA TURN FROM MALE TO FEMALE

THE LARGEST SHRIMP EVER CAUGHT MEASURED NEARLY **16 INCHES** AND WAS PURCHASED FOR \$800 BY A COLOMBIAN BIOLOGIST.

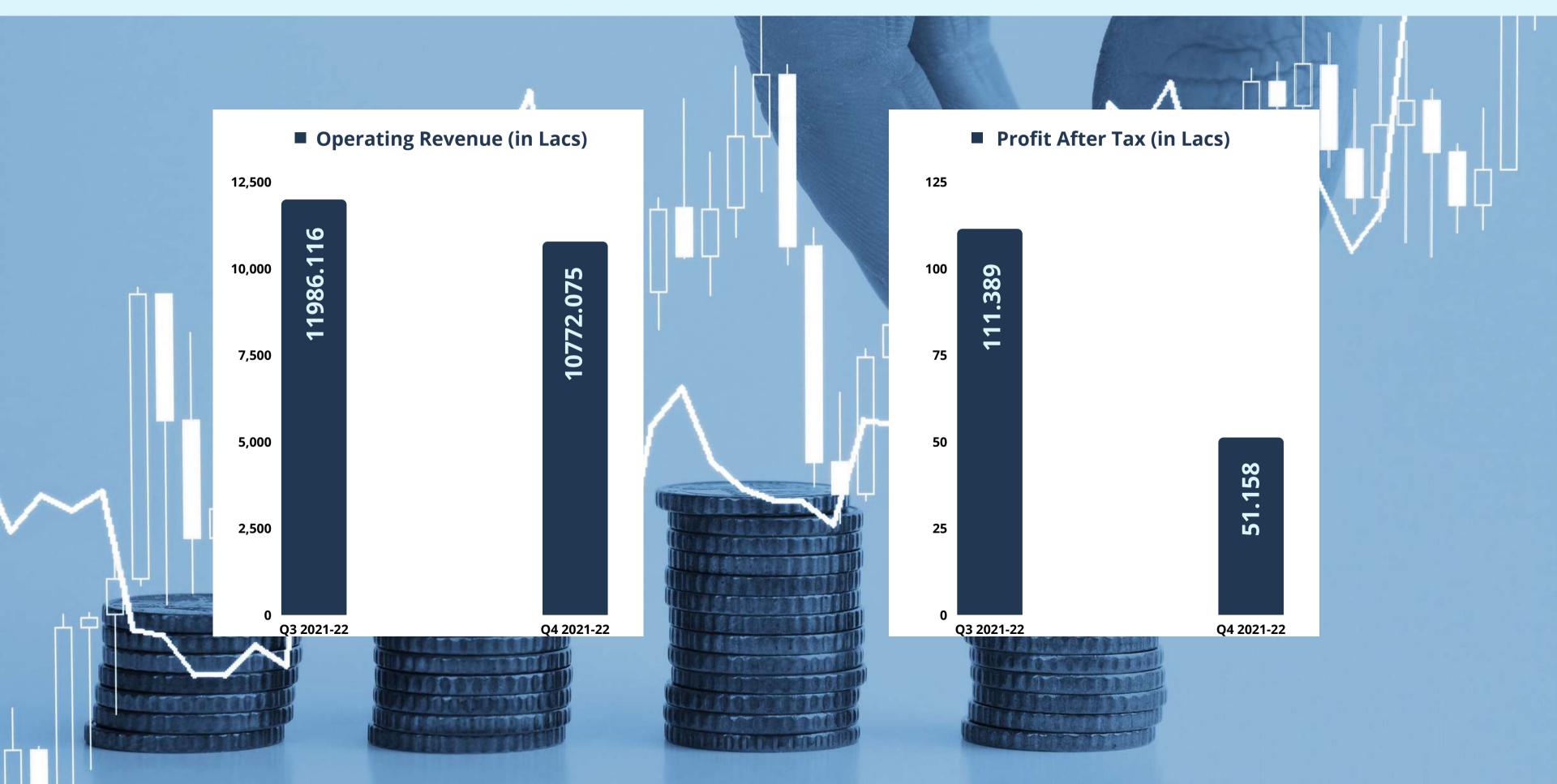




### YEAR TO YEAR COMPARISON (YoY)



## QUATER TO QUATER COMPARISON (QoQ)

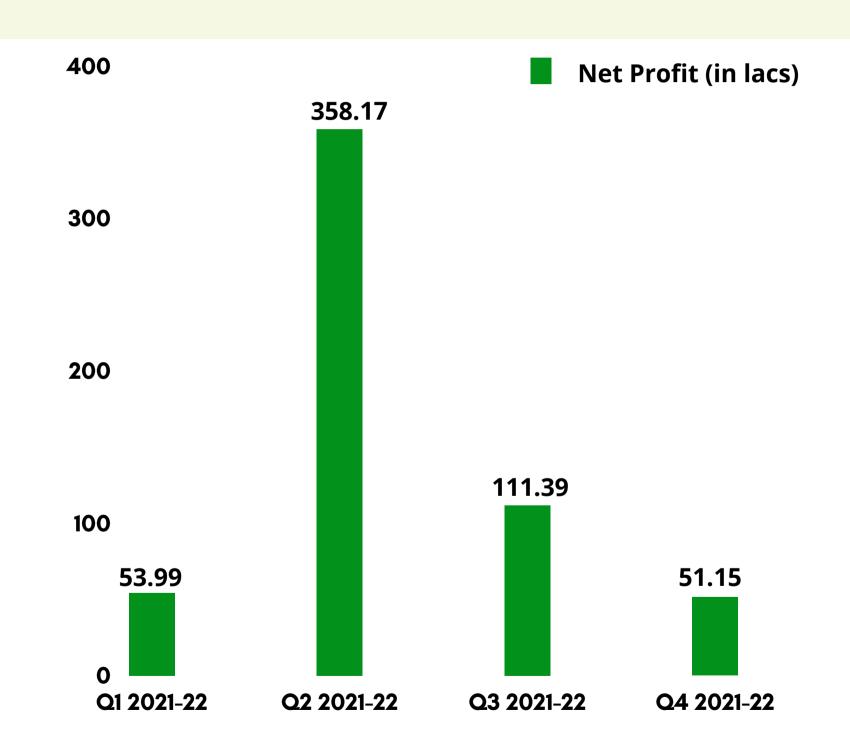


### **NET PROFIT**

The company aims to increase its profit at a steady pace..

The chart shows the net profit position in each quater.





(In	Lacs

Net Sales		
Other income		
Total Income		
Total Income		
Cost of Goods Sold		
Other Expenses		
Employee Cost		
EBITDA		
EBITDA Margin (%)		
EBITDA Margin (%)		
Depreciation		
EBIT		
EBIT Margin (%)		
Finance Cost		
i mance cost		
PBT		
TAX		
PAT		

Year 2021	Year 2022
29747.422	34522.315
535.187	770.759
30282.609	35293.074
24634.613	28906.301
2482.931	3409.959
698.310	649.418
2466.755	2327.396
8.292	6.742
656.260	570.675
1810.495	1756.721
0.061	0.051
1306.547	1037.907
503.948	718.814
78.988	144.101
424.960	574.714

Q4 2022	Q4 2021
10459.542	5662.201
312.533	108.902
10772.075	5771.103
8761.575	4143.824
1490.152	704.367
60.513	181.577
459.835	741.335
4.396	13.093
153.665	167.954
306.170	573.381
0.029	0.101
160.911	553.685
145.259	19.696
94.101	78.988
51.158	-59.292



# ZEAL AQUA LIMITED

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