

REPORT FORMAT: CL-1 | Version: 1.0_2018

FILE No.: VIS(2022-23)-PL728-613-1013

- **CERTIFICATE NAME:** Technical vetting certificate.
- **PREPARED FOR ORGANIZATION:** Bank of India SME branch, Kolkata.
- **BORROWER COMPANY'S NAME:** M/s. Rising Tide.
- **ASSET TYPE:** Machines required for Shrimp processing plant to enhance the capacity of the installed plant from 5000 MTPA OR (24 MTPD) TO 8000 MTPA OR (34 MTPD).
- **CURRENT LOCATION OF THE MACHINES:** Proposed to be installed Garirchak, P.O-Narghat, P.S.-Nandakumar, District- Purba Medinipur, Pin-721669, West Bengal.

S. NO.	PARTICULARS	DESCRIPTION
1.	Date of Work Order	17-03-2023
2.	Documents provided for perusal	Quotations from the market (and list of Machine/Assets to be installed)
3.	Project Location	Garirchak, P.O-Narghat, P.S.-Nandakumar, District- Purba Medinipur, Pin-721669, West Bengal.
4.	Borrowing Company	M/s. Rising Tide.
5.	Type of Asset	Machines required for Shrimp processing plant to enhance the capacity of the installed plant from 5000 MTPA or (24 MTPD) to 8000 MTPA or (34 MTPD).
6.	Type of Assessment	Vetting Certificate
7.	Scope of Assessment	o Cost Vetting for the Plant & Machinery & Building & Civil works for capacity expansion/enhancement Project of Shrimp processing plant from current installed capacity 5000 MTPA to 8000 MTPA

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		<ul style="list-style-type: none"> o To verify if the adequate power supply is available for installation and running of the proposed new machineries o To verify if the adequate space is available in the Plant required for the installation of the proposed new machineries o To check any of the proposed new machineries are same as of existing machines in terms of capacity, type and production.
8.	Nature of Plant	For Shrimp processing plant to enhance the capacity of the installed plant from 5000 MTPA or (24 MTPD) to 8000 MTPA or (34 MTPD).
9.	Total Project Cost	Rs.15.11 Cr. (Excluding GST) (including supply and installation as per the List/ quotations / invoices / purchase orders provided by the company of machineries and civil works)
10.	Comment on Project Cost by consultant	As per our analysis, the cost of expansion of such a shrimp processing plant as proposed by the company will not be less than Rs.15.11 Cr. (Excluding GST) . Please refer to PART A for analysis details.
11.	Comment on Power supply arrangement for proposed expansion	Power supply arrangement is available for proposed expansion as per our analysis based on the details provided by the client. Please refer to PART B for analysis details.
12.	Comment on adequate space availability for proposed expansion	Adequate space is available for the proposed expansion as per our analysis based on the details provided by the client. Please refer to PART C for analysis details.
13.	To check any of the proposed new machineries are same as of existing machines in terms of capacity, type and production.	Please refer to PART D
14.	Total number of pages with Annexure.	40

SURVEY ANALYST	VALUATION ENGINEER	L1/ L2 REVIEWER
Rajat Choudhary	Rahul Gupta	Sr.VP Projects
		



PART A

PROJECT COST VETTING

LIST OF PLANT & MACHINERY AND CIVIL WORKS

S.No.	Machine Name	Quantity	Capacity	Amount By Client (without GST)	Approved Cost	Consultant's Remarks
Plant & Machinery Details						
1	Plate Freezer along with motors	2	336 slabs & No. of Plates 15	1,11,24,900	1,11,24,900	As per industry analysis, cost of the machines appears to be reasonable. In some of the machines cost by the other vendors are quoted even higher than the cost shown by the company. However difference may be due to the fact that this is an expansion Project in which some of the accessories or auxiliary unit required in some of the machines may not be required since this is an expansion Project to existing operating unit.
2	Blast Freezer	1	4000 Kg per Charge	72,26,400	72,26,400	
3	In Feed Conveyor Belt	1		15,25,000	15,25,000	
4	ICE Machine	2	30 Ton Per day	77,50,000	77,50,000	
5	Hardner Tunnel for IQF	1		23,45,000	23,45,000	
6	Glazer and Return Conveyor belt for IQF	1		52,50,000	52,50,000	
7	Production Automation (Installation and Commissioning)	1		1,14,65,000	1,14,65,000	
8	Preprocessing Area Automation	1		96,75,000	96,75,000	
10	Cold Store Room Automation	1		89,65,000	89,65,000	
11	Grading Machine	2	2-3 ton shrimp per hour	1,53,00,000	1,53,00,000	
12	Vaccum Tumbler with Washing Machine for IQF Production	1	3 Metric Ton per Hour	76,75,000	76,75,000	
13	Compressor			75,00,000	75,00,000	
14	Solar Panel Installation on roof top 200 KVA	1		95,00,000	95,00,000	
15	Diesel Generator set	2	520 KVA	72,50,000	72,50,000	
16	Waste water system			55,50,000	55,50,000	

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17	Shrimps Peeling & Dehading section Up gradation and automation & Conveyor			65,00,000	65,00,000	
Total				12,46,00,050	12,46,00,050	

S.No.	Particulars	Area in Sq.ft	Cost per Sq.ft	Total Cost in INR	Approved Cost in INR	Consultant's Remarks
Building & Civil Works						
1	Labour quarter 3 rd and 4 th Floor level, 2 nd Floor roof quarter, shuttering ROD Binding, casting, Brick Work, Plastering, Door fixing, MS window Putty, Net Cement.	8250	1235	1,01,88,750	1,01,88,750	1. Rates considered in the cost estimate is within market range. 2. However in respect to area measurement we can't comment due to non-availability of any map or drawing. 3. As per item descriptions as planned and present structure on site, like labour quarter 2 nd floor roof area is approximately only ~2045 sq.ft so construction of 8250 sq.ft on top of existing structure will not be possible.
2	Floor Level above ETP & Machine room, Cold Store, Shuttering ROD Binding, Casting, Brick work, Plastering door windows, MS Window, Putty, Net Cement. (With Material)	9250	1235	1,14,23,750	1,14,23,750	
3	Material Lifting charges, for 3 rd and 4 th Floor Level, 2 nd Floor roof.	8250	265	21,86,250	21,86,250	
4	Material Lifting charges for floor level at ETP & Cold Store.	9250	230	21,27,500	21,27,500	
5	Structure Engineer Fees.			5,75,000	5,75,000	
Total				2,65,01,250	2,65,01,250	

OBSERVATIONS:

Plant & Machinery

1. We have been provided with the copy of quotations from the market and machines/ equipment to be installed by the borrower company.
2. As per the information provided by the company officials these items are planned to be installed at the aforesaid address.
3. We have contacted several suppliers for similar items and also enquired in the public domain. Accordingly we have got the quotations from the suppliers and we found that the price given in the list of quotations provided to us is well within the price range of similar items available in the market and seems to be reasonable.

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4. As per our market research and the quotes received from the machine suppliers, we are of the view that rate range for establishing the machinery with similar specifications for the requirement of enhancement in capacity of Shrimp processing plant and other general machines considered is fine. The turnkey Project cost including civil works may range from **Rs. 15.00 Cr to Rs.16.00 Cr. (Excluding GST)**.
5. We have not considered the freight and installation charges of the assets in this cost vetting certificate as it varies with respect to supplier depending upon their location.
6. Market quotations for reference are attached in annexure A.

Civil Works:

1. For ascertaining the estimated cost of civil works, we have requested for the Building Map and BOQ. However same was not available with the company to provide us.
2. Rates considered in the cost estimate is within market range. However in respect to area measurement we can't comment due to non-availability of any map or drawing.
3. Due to unavailability of proposed map, BoQ & specifications, we couldn't vet the civil works cost but if the area mentioned as planned will be constructed then this is reasonable cost.
4. As per item descriptions as planned and present structure on site, like labour quarter 2nd floor roof area is approximately only ~2045 sq.ft so construction of 8250 sq.ft on top of existing structure will not be possible.
5. Our Engineer has visited the site and has observed new construction as attached below. However, as per discussion with M/s Rising Tide management team some more structures are planned for construction on the plant site.

S.No	Block and Building Name	Floor	Floor Height	Year of construction	Type of construction	Structure Progress	Area in Sq.ft
1.	Generator DG Section	Ground	4.15 mtr	2023	RCC roof	Work in Progress	1,638
2.	Generator DG Section	First	3.2 mtr	2023	Tin shed and brick wall	Work in Progress	1,638
3.	Construction Over Labour Quarter	Top Floor	2.5 mtr	2023	Tin shed and brick wall	Completed	1,334
4.	Construction above factory	Top Floor	2.822 mtr	2023	Tin shed and brick wall	Completed	919
5.	Construction above factory	Top Floor	2.9 mtr	2023	Tin shed and brick wall	Completed	280
6.	Construction above factory	Top Floor	2.9 mtr	2023	Tin shed and brick wall	Completed	1,674
7.	Security Guard Room	Ground	2.74 mtr	2023	Tin shed and brick wall	Completed	69
	Total						7,553

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Special Notes:

1. We can't comment about the current status of machines whether these are purchased, installed or in transit. This cost vetting is done only on the basis of Quotations, Bills and Purchase Orders provided to us by the company and we don't recommend any sort of recommendation in our Certificate.
2. The estimated cost verification of item to item can't exactly match as per our vetting due to several market consideration. In some of the items it is lower while in some of the items price comes to be higher but on an average the price as per list provided to us falls in the range as confirmed by us.
3. There can be variation in the estimated price if the specification & make of any items procured is different from the list provided to us during assessment.
4. The estimated cost verification is made based on the third-party information which has been relied upon in good faith.
5. The estimated price may vary at the time of actual procurement because of change in prices in the market for such kind of machinery/items for which we will not have any control. The cost vetting is only limited to the date of Certificate issued. We do not assume any responsibility in change of prices of the said machinery/items after this date.
6. This certificate doesn't include any work related to drawing, design, sketch plan, procurement of the machines.
7. Ownership and other legal point of view in respect of the asset is not considered in this report as same is out of scope of this certificate.
8. This certificate is made at the request of the Bank.



PART B

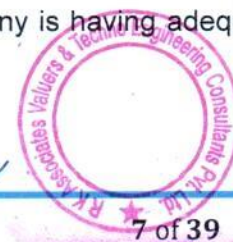
**VERIFICATION OF THE ADEQUACY POWER SUPPLY FOR
EXPANSION**

S.No.	Particulars	Capacity			
1.	Present Electricity connection Contract demand	900 KVA			
2.	Load Capacity of Existing unit	519 KW			
3.	Load description per KVA as per Bills	Bill Date	Normal	Peak	Off-Peak
		03/10/2022	444	501	456
		04/11/2022	478	486	452
		02/12/2022	474	471	431
		02/02/2023	435	419	425
		03/03/2023	396	363	168
4.	Proposed after expansion (including existing)	796 KW			
5.	Transformer capacity (As per information provided)	1250 KVA			

NOTES:

1. As per our analysis and the details provided by the client, Plant is already having electricity connection of 900 KVA which is visible as per the copies of the electricity Bills provided.
2. Presently as per the list provided, machines are of rated capacity of 519 KW when the Plant is at 5000 ton per annum.
3. Now company is expanding the capacity from 5000 ton per annum or (24 TPD) to 8000 ton per annum or (34) TPD which is 60% enhancement in the existing capacity.
4. As per the list provided by the company, Rated capacity of the machines after proposed expansion is 796 KW. If we go by simple calculation of increasing the power consumption as per percentage of capacity augmentation then it will come out to be 830.4 KW, whereas as per the data given by the company is 798 KW which is also ~54% enhancement in power consumption.
5. Company is already having 900 KVA power connection and 1250 KVA of transformer (more than the proposed power consumption after capacity enhancement).
6. In case anytime the power load crosses, 900 KVA then company may have to seek additional load from the electricity department. In case anytime load crosses 1250 KVA then additional power infrastructure including transformer and LT/ HT infrastructure has to be augmented.
7. For the assessment, Electricity Bill and Machines rated power consumption letter is referred which is also annexed in Annexure B.
8. Therefore, from the above analysis it appears that the company is having adequate power infrastructure for the proposed expansion.

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PART C

VERIFICATION OF THE ADEQUATE SPACE AVAILABILITY FOR EXPANSION

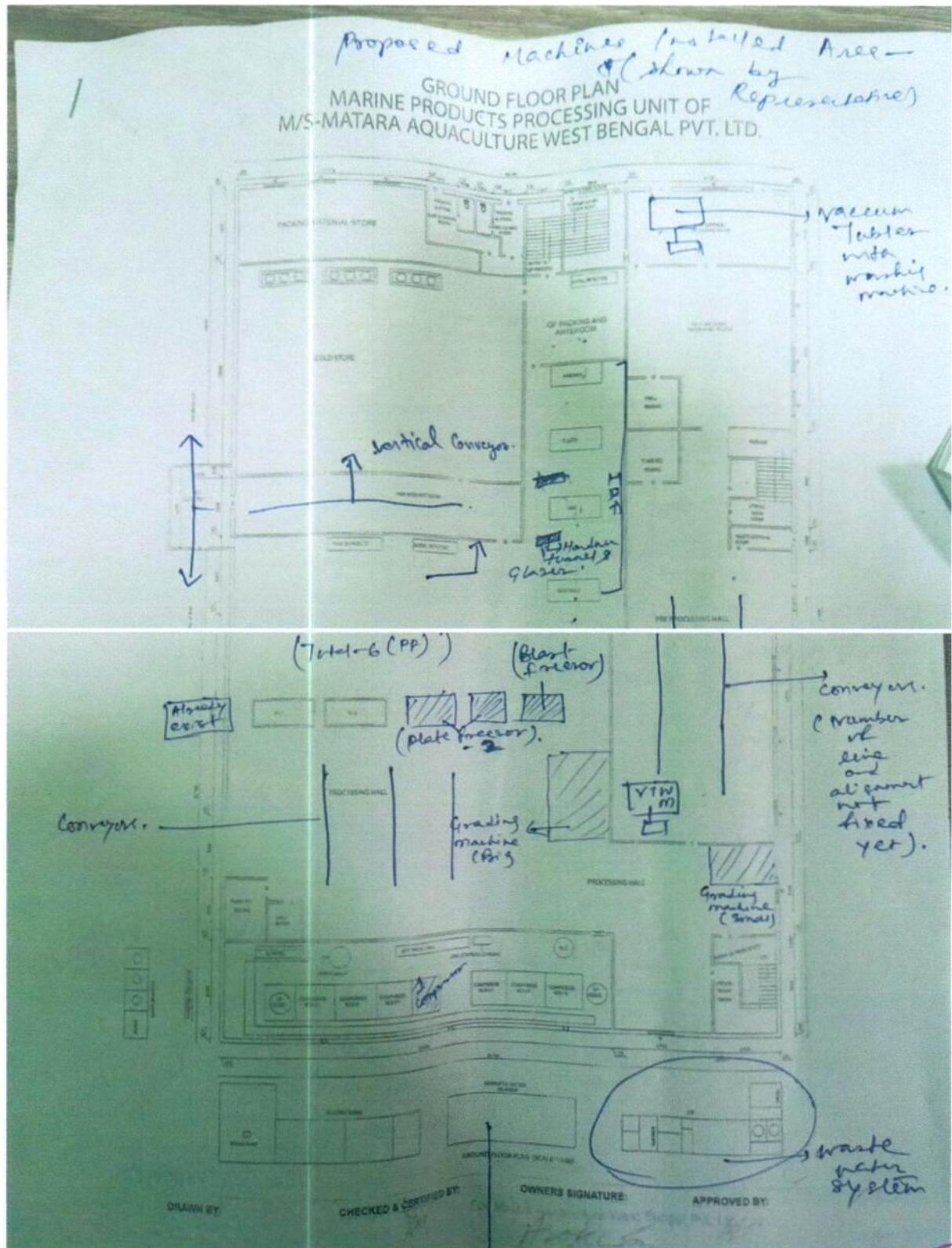
S.No.	Machine Name	Quantity	Location to be installed	Remarks
1	Plate Freezer along with motors	2	Main Shed	Purchased and Installation under progress.
2	Blast Freezer	1	Main Shed	Space available
3	In Feed Conveyor Belt	1	Main Shed	Space available. Currently used crates will be replaced by conveyors.
4	ICE Machine	2	Near Flake Machine Room	Space available
5	Hardener Tunnel for IQF	1	Main Shed	Space available
6	Glazer and Return Conveyor belt for IQF	1	Main Shed	Space available
7	Production Automation (Installation and Commissioning)	1	Main Shed	Space available. Currently used crates will be replaced by conveyors.
8	Preprocessing Area Automation	1	Main Shed	Space available. Currently used crates will be replaced by conveyors.
10	Cold Store Room Automation	1	Main Shed	Space available. Currently used crates will be replaced by conveyors.
11	Grading Machine	2	Main Shed	Already installed at site.
12	Vaccum Tumbler with Washing Machine for IQF Production	1	Main Shed	Already installed at site.
13	Compressor		Above DG Room	New construction is done for this to accommodate this machine.
14	Solar Panel Installation on roof top 200 KVA	1	To be installed on roof.	For 200 KVA roof top solar panels, around ~12000 sq.ft roof area will be required. The plant have much more space is available on its shed roof. However we can't comment on the stability of the shed structure to bear the weight/load of the panels.
15	Diesel Generator set	2	New room is under construction	New room is under construction
16	Waste water system		Near Existing ETP	Not Purchased Yet
17	Shrimps Peeling & Dehading section Up gradation and automation & Conveyor		Main Shed	Space available. Currently used crates will be replaced by conveyors.

Note:

1. To ascertain the space availability of the expansion, we have requested machine layout of the plant from the company. However, same was not available & provided.
2. During the site inspection, our engineer with the help of the company's representative, has drawn the sketch for the location of the machines which is attached below, for which we have ascertained that which machine will be placed where and if the adequate space is available for the same or not.
3. During the site visit it was observed that the construction work was going on for the setup and installation of the proposed new machines at site.
4. As per site visit, some of the proposed machineries was installed at site and some machines was laying in the packed condition.
5. The construction of the Generator section room for the installation of DG set and compressor was under progress. The ground floor RCC work was completed and 1st floor tin shed work was in completion stage in G+1 structure. The DG set was laying in packed condition.
6. The cold storage extension area with puff panel construction work was not started yet. However adequate space is available on site for construction.
7. For the automation, conveyor system is purchased which will replace the current crate system with the conveyors.

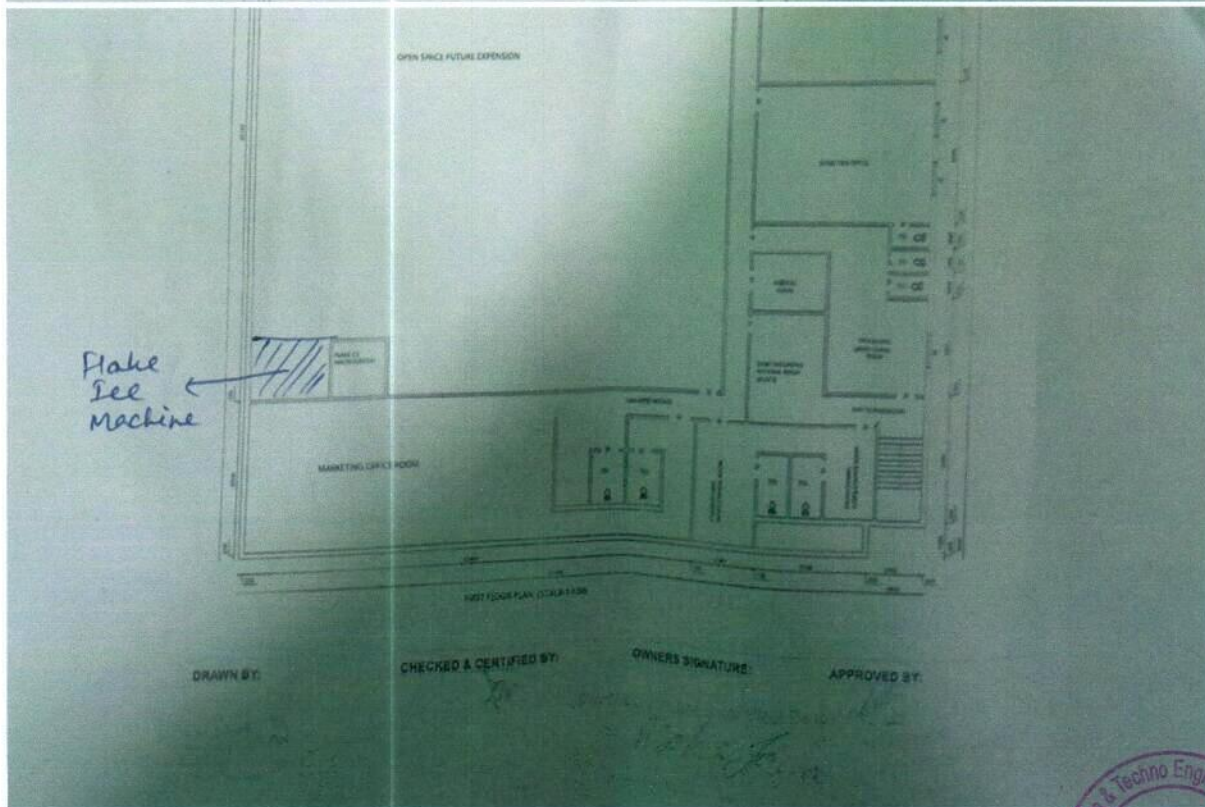
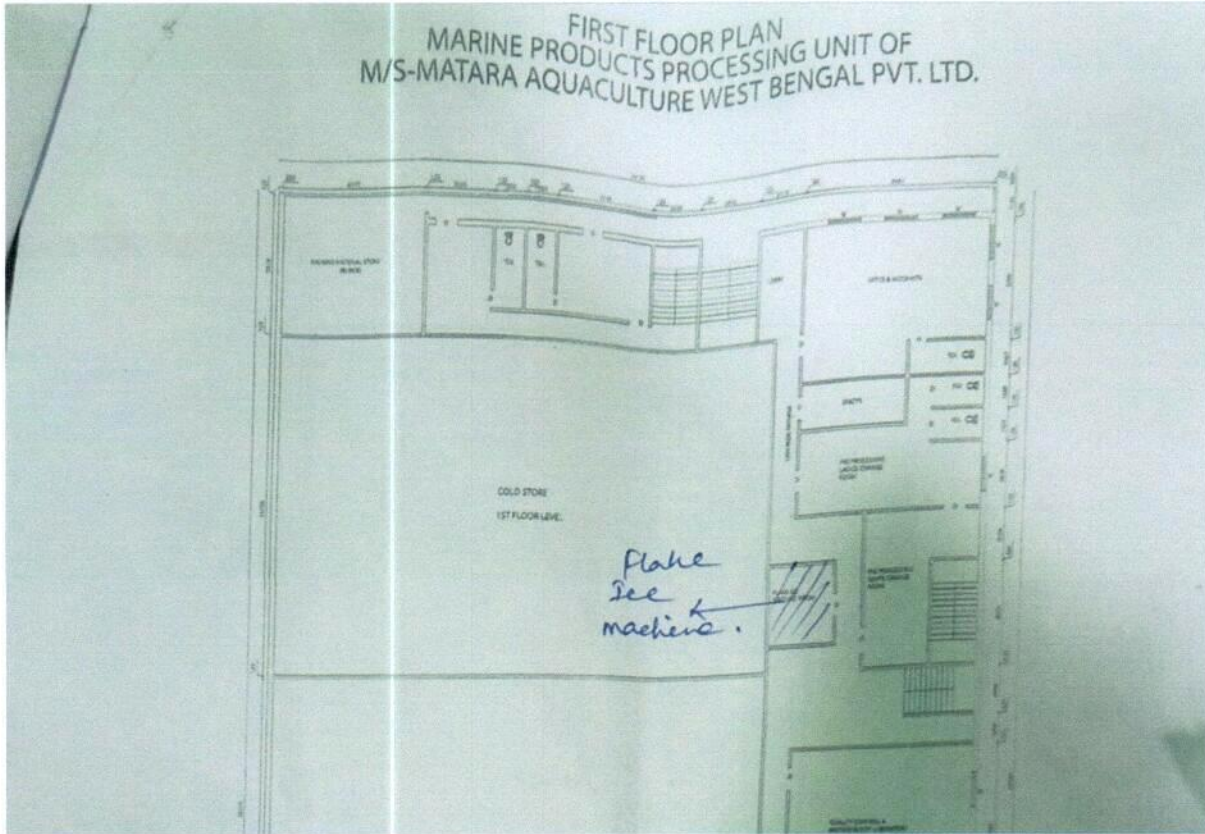


PROPOSED MACHINERY INSTALLATION LOCATION



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PART D

**TO CHECK ANY OF THE PROPOSED NEW MACHINERIES ARE
SAME AS OF EXISTING MACHINES IN TERMS OF CAPACITY,
TYPE AND PRODUCTION**

For the purpose of checking if any of the proposed new machineries are same as of existing machines in terms of capacity, type and production, our engineer has conducted the site inspection and compared the proposed new machineries list with the existing machines in terms of capacity, type and production.

We have observed that the company has installed and purchased some of the proposed machineries mentioned in the list provided to us for the enhancement of its current capacity. In the below list we have compared the new proposed machine from the existing machines to cover this point.

S.No	EXISTING MACHINES		PROPOSED MACHINES		
	Existing Machines	Supplier Name Existing	Proposed Machines	Supplier Name Proposed	Specifications Proposed
1.	Pump	Hermetic Pumps Singapore Pte Ltd	-	-	-
2.	Pump	Hermetic Pumps Singapore Pte Ltd	-	-	-
3.	Compressor	Kirloskar Pnuematic Company Ltd	-	-	-
4.	Compressor	Kirloskar Pnuematic Company Ltd	Compressor KCX 72 and KCX 42	KR Refrigeration	Maximum discharge pressure 84 bar
5.	Compressor	Kirloskar Pnuematic Company Ltd	-	-	-
6.	Compressor	Kirloskar Pnuematic Company Ltd	-	-	-
7.	Compressor	Kirloskar Pnuematic Company Ltd	-	-	-
8.	Compressor	Kirloskar Pnuematic Company Ltd	-	-	-
9.	Kirloskar Motor	Industrial Motor & Cable Co	-	-	-
10.	Seamless Pipe	Shakti Refregeration (Kolkata)	-	-	-
11.	Seamless Pipe	Shakti Refregeration (Kolkata)	-	-	-
12.	Weight Machine	ISHIDA INDIA PVT LTD	-	-	-
13.	Weight Machine	ISHIDA INDIA PVT LTD	-	-	-
14.	Software Develop	ISHIDA INDIA PVT LTD	-	-	-
15.	WEIGHT MACHINE	THE SOUTH POINT	-	-	-



16.	WEIGHT MACHINE	THE SOUTH POINT	-	-	-
17.	WEIGHT MACHINE	THE SOUTH POINT	-	-	-
18.	CAMERA	TECHNO SOLUTIONS	-	-	-
19.	CAMERA	TECHNO SOLUTIONS	-	-	-
20.	CAMERA	TECHNO SOLUTIONS	-	-	-
21.	CAMERA	TECHNO SOLUTIONS	-	-	-
22.	CAMERA	TECHNO SOLUTIONS	-	-	-
23.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
24.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
25.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
26.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
27.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
28.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
29.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
30.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
31.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
32.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
33.	CAMERA	TECHNOSOFT COMPUTER SOLUTIONS	-	-	-
34.	Sheet	Ratilal Brothers	-	-	-
35.	Valve	Super Sales India	-	-	-
36.	Locker	Punjab Safe & Electoronics	-	-	-
37.	AC	ROHIT REFREIGERATION	-	-	-
38.	AC	NEW EDGE REALITY SOLUTIONS	-	-	-
39.	AC	KHOSLA ELECTRONICS	-	-	-
40.	AC	SALES Emporium	-	-	-
41.	BUNDER BED	SENCO HOSPITAL SUPPLY & COMPAN	-	-	-
42.	FURNITURE - TABLE	RAJ & RAJ	-	-	-
43.	FURNITURE - CHAIR	STEELCO FURNITURE PVT LTD	-	-	-
44.	FURNITURE - TABLE	STEELCO FURNITURE PVT LTD	-	-	-
45.		A ONE SCIENTIFIC EQUIPMENT	-	-	-

46.	PIPE	ANNAPURNA TAKE & TUBES	-	-	-
47.	PIPE	ANNAPURNA TAKE & TUBES	-	-	-
48.	ICE Box 100 Ltr	Nilkamal	-	-	-
49.	crate & syntax	Nilkamal	-	-	-
50.	crate & syntax	Nilkamal	-	-	-
51.	crate & syntax	Nilkamal	-	-	-
52.	crate & syntax	Nilkamal	-	-	-
53.	crate & syntax	Nilkamal	-	-	-
54.	crate & syntax	Nilkamal	-	-	-
55.	Water Treatment	Watreat Engineers	-	-	-
56.	Water Treatment	Watreat Engineers	-	-	-
57.	ETP System	Watreat Engineers	-	-	-
58.	ETP System	Watreat Engineers	Waste water system	KR Refrigeration	
59.	Metal Detector	SMMS Engineering Systems Pvt Ltd	-	-	-
60.	Depanning Conveyour with Accessories	Jeya Industries and Engineering Pvt Lt	Different Types of Conveyors	KR Refrigeration	40 mtr Long overall
61.	Socket & Bearing	Jeya Industries and Engineering Pvt Lt	-	-	-
62.	Socket & Bearing	Jeya Industries and Engineering Pvt Lt	-	-	-
63.	Labour Charge	Jeya Industries and Engineering Pvt Lt	-	-	-
64.	Evaporative Condensor	KR Refregeration	-	-	-
65.	Evaporative Condensor	KR Refregeration	-	-	-
66.	Evaporative Condensor	KR Refregeration	-	-	-
67.	INSTALLATION & COMM	KR Refregeration	-	-	-
68.	Grading Machine	KR Refregeration	Grading Machine	KR Refrigeration	2-3 Ton shrimp per hour
69.	Plate Freezer	KR Refregeration LLP	Plate Freezer	KR Refrigeration	336 slabs and 15 Nos Plates
70.	Plate Freezer	KR Refregeration LLP	-	-	-
71.	Plate Freezer	KR Refregeration LLP	-	-	-
72.	Plate Freezer	KR Refregeration LLP	-	-	-
73.	Erection & comm	KR Refregeration LLP	-	-	-
74.	IQF	Ramtech Refregeration Pvt ltd	Blast Freezer	KR Refrigeration	4000 kg per charge

75.	PLC ELECTRIC PAN	Ramtech Refrigeration Pvt Ltd	Cold Store Room Automation	KR Refrigeration	31240 No. of boxes and 10 No. stacking on each floor
76.	Insulated Puff Pa	Ramtech Refrigeration Pvt Ltd	Vaccum Tumbler with Washing Machine for IQF Production	KR Refrigeration	3 Metric Ton per hour
77.	Glazer & Air Defr	Ramtech Refrigeration Pvt Ltd	Glazer and Return Conveyor belt for IQF	KR Refrigeration	Return conveyor 5 mtr
78.	Errection & comm	Ramtech Refrigeration Pvt Ltd	-	-	-
79.	Air Defrosting Sys	Ramtech Refrigeration Pvt Ltd	-	-	-
80.	PLC TOUCH PANE	Ramtech Refrigeration Pvt Ltd	-	-	-
81.	Feeding Conveyo	Ramtech Refrigeration Pvt Ltd	-	-	-
82.	Puff Panel	Rinac Engineering Evolution	-	-	-
83.	Puff Panel	Rinac Engineering Evolution	-	-	-
84.	Puff Panel	Rinac Engineering Evolution	-	-	-
85.	Puff Panel	Rinac Engineering Evolution	-	-	-
86.	Puff Panel	Rinac Engineering Evolution	-	-	-
87.	Puff Panel	Rinac Engineering Evolution	-	-	-
88.	Puff Panel, Refreg	Rinac Engineering Evolution	-	-	-
89.	Installation	Rinac Engineering Evolution	-	-	-
90.	Installation	Rinac Engineering Evolution	-	-	-
91.	Drain Heater	Rinac Engineering Evolution	-	-	-
92.	SS TABLE	Thankachen George Engineering Work	-	-	-
93.	Weight Table	Thankachen George Engineering Work	-	-	-
94.	Tray	Thankachen George Engineering Work	-	-	-
95.	SS TABLE	Thankachen George Engineering Work	-	-	-
96.	SS Foot Rest	Thankachen George Engineering Work	-	-	-

97.	Tray	Thankachen George Engineering Work	-	-	-
98.	Tray	Thankachen George Engineering Work	-	-	-
99.	Electrical Panel	TSR Enterprise	-	-	-
100.	Electrical Panel	TSR Enterprise	-	-	-
101.	Electrical work	Chakraborty Electricals Pvt. Ltd.	-	-	-
102.	Transformer	Power Control Nigam	-	-	-
103.	SD	WBSEDCL	-	-	-
104.	Expense	WBSEDCL	-	-	-
105.	SD	WBSEDCL	-	-	-
106.	Laboratory Items	Universal Laboratory Equipments	-	-	-
107.	Laboratory Items	Universal Laboratory Equipments	-	-	-
108.	Laboratory Items	Universal Laboratory Equipments	-	-	-
109.	Laboratory Items	Universal Laboratory Equipments	-	-	-
110.	Laboratory Items	Universal Laboratory Equipments	-	-	-
111.	Laboratory Items	Universal Laboratory Equipments	-	-	-
112.	Laboratory Items	Universal Laboratory Equipments	-	-	-
113.	Laboratory Items	Universal Laboratory Equipments	-	-	-
114.	Laboratory Items	Universal Laboratory Equipments	-	-	-
115.	Laboratory Items	Universal Laboratory Equipments	-	-	-
116.	Flake Ice Machine	Patils Industries & Refrigeration	Ice Machine	KR Refrigeration	30 Ton per Day
117.	Flake Ice Machine	Patils Industries & Refrigeration	-	-	-
118.	Flake Ice Machine	Flake Ice & Refrigeration Systems Pvt Ltd.	-	-	-
119.	-	-	Hardner Tunnel for IQF	KR Refrigeration	-
120.	-	-	Production Automation (Installation and Commissioning)	KR Refrigeration	-
121.	-	-	Preprocessing Area Automation	KR Refrigeration	-

122.	-	-	Cold Store Room Automation	KR Refrigeration	-
123.	-	-	Solar Panel Installation on roof top	KR Refrigeration	200 KVA
124.	-	-	Diesel Generator set	KR Refrigeration	500 KVA

SURVEY ANALYST	VALUATION ENGINEER	L1/ L2 REVIEWER
Rajat Choudhary	Rahul Gupta	Sr.VP Projects
		


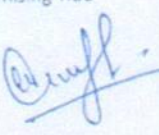

DISCLAIMERS

1. The client/ owner and its management/ representatives warranted to us that the information they have supplied was complete, accurate and true and correct to the best of their knowledge. All such information provided to us either verbally, in writing or through documents has been relied upon in good faith and we have assumed that it is true & correct without any fabrication or misrepresentation. I/We shall not be held liable for any loss, damages, cost or expenses arising from fraudulent acts, misrepresentations, or willful default on part of the owner, company, its directors, employee, representative or agents.
2. Legal aspects for eg. Investigation of title, ownership rights, lien, charge, mortgage, lease, sanctioned maps, and verification of documents provided to us such as title documents, Map, etc. from any concerned Govt. office etc. have to be taken care by legal expert/ Advocate and same is not done at our end. I/ We assume no responsibility for the legal matters including, but not limited to, legal or title concerns.
3. Wherever any details are mentioned in the report in relation to any legal aspect of the property such as name of the owner, leases, etc. is only for illustration purpose and should not be construed as a professional opinion. Legal aspects are out of scope of this report. Details mentioned related to legal aspect are only based on the copy of the documents provided to us and whatever we can interpret as a non-legally trained person. This should be cross validated with a legal expert. We do not vouch any responsibility regarding the same.
4. We have relied on the data from third party, external sources & information available on public domain to conclude the valuation. These sources are believed to be reliable and therefore, we assume no liability for the truth or accuracy of any data, opinions or estimates furnished by others that have been used in this analysis. Where we have relied on the data, opinions or estimates from external sources, reasonable care has been taken to ensure that such data is extracted from authentic sources, however we still can't vouch its authenticity, correctness, or accuracy.
5. Documents, information, data including title deeds provided to us during the course of this assessment by the client is reviewed only upto the extent required in relation to the scope of the work. No document has been reviewed beyond the scope of the work. These are not reviewed in terms of legal rights for which we do not have expertise. Wherever any information mentioned in this report is mentioned from the documents like owners name, etc., it is only for illustration purpose and may not necessary represent accuracy.



PART A - ANNEXURE

PROPOSED AND CURRENT CAPACITY

 RISING TIDE www.risingtide.co.in	Rising Tide P-144, Remount Road Kolkata - 700 027, West Bengal (India) E-mail: accounts@risingtide.co.in
 To The Branch Manager Bank Of India Kolkata Main Branch Kolkata	
Dear sir	
Enclosed here with Load Capacity Break up for your reference.	
 Current	
Block & ICF	24 Ton
 Proposed	
Block & ICF	34 Ton
 Thanking You Yours Faithfully For Rising Tide	
 	



CAPACITY: 16 TPD

Sl. No.	Name of Project(s)																												
	ONLY MANUFACTURING AND SUPPLY OF PLANT MACHINERIES & EQUIPMENT'S																												
	COST ₹ - In Indian Rupees \$ - In United States Dollar	₹ - 70,28,14,956.00 \$ - 8,549,125.46																											
	SHRIMP PROCESSING PLANT <table> <tr> <td>1</td><td>Capacity</td><td>16 TPD</td></tr> <tr> <td>2</td><td>Tolerance on capacity</td><td>± 2% to ± 5%</td></tr> <tr> <td>3</td><td>Quantity</td><td>1 No</td></tr> <tr> <td>4</td><td>Total Land Required</td><td>9 Acres to 18 Acres</td></tr> <tr> <td>5</td><td>Total Power Required</td><td>7 MW to 18 MW</td></tr> <tr> <td>6</td><td>Total Water Required</td><td>136 KLPD to 369 KLPD</td></tr> <tr> <td>7</td><td>Completion Period</td><td>24 Months to 36 Months</td></tr> <tr> <td>8</td><td>Warranty</td><td>12 Months</td></tr> <tr> <td>9</td><td>Validity of this offer</td><td>7 days from Issue Date</td></tr> </table>		1	Capacity	16 TPD	2	Tolerance on capacity	± 2% to ± 5%	3	Quantity	1 No	4	Total Land Required	9 Acres to 18 Acres	5	Total Power Required	7 MW to 18 MW	6	Total Water Required	136 KLPD to 369 KLPD	7	Completion Period	24 Months to 36 Months	8	Warranty	12 Months	9	Validity of this offer	7 days from Issue Date
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8	Warranty	12 Months																											
9	Validity of this offer	7 days from Issue Date																											

1

PART III - "ACTIVITIES NOT INCLUDED" IN THIS OFFER		
1	Auxiliary Equipment's	Not Included
2	Utilities	Not Included
3	Balance of Plants (BOP)	Not Included
4	ISBL	Not Included
5	OSBL	Not Included
6	Steel Structural Works	Not Included
7	Civil & Structural Works	Not Included
8	Evaluating	Not Included
9	Designing	Not Included
10	Detailed Engineering	Not Included
11	Procurement	Not Included
12	Manufacturing	Included
13	Supply	Included
14	Installations	Not Included
15	Execution	Not Included
16	Commissioning	Not Included
17	Consultancy	Not Included
18	Any Other Items	Not Included

This is an indicative offer only, actual price may vary depending upon specific requirements, product specification, Filling & packing specification, final layout and after finalizing the BOM & BOQ, etc. Final quote will be sent after finalization of preliminary information's from the below mentioned options, and after actual Site visit / actual site survey and further discussions

General: Any typographical or clerical errors or omissions are subject to correction. (E. &O.E.)

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Sl. No.	Name of Project(s)																																																							
	TURNKEY PROJECT																																																							
	COST ₹ - In Indian Rupees \$ - In United States Dollar	₹ - 2,48,85,71,308.35 \$ - 30,271,280.02																																																						
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[Signature]

[Circular Stamp: R.K. Associates Valuers & Techno Engineering Consultants Pvt. Ltd.]



NEPTUNE REFRIGERATION COMPANY P. LTD.

REGD. OFFICE: 153 MOUNT ROAD, CHENNAI-600 002
PH: 28460283, 28460374, 28460422
CIN No.: U29191TN1978PTC007444
e-mail: sales@neptunerefrigeration.com
www.neptunerefrigeration.com

2333-1/NR

RK Associates,
Kolkata.

Kind Attn: Mr. Rahul Gupta

Sir,

Seafood Processing Plant

Reference to your enquiry, we have pleasure to furnish hereunder our revised technical specification with price as required by you.

BASIS OF DESIGN

Plate Freezer - 1, 2

Model	NPA-14
Capacity	604 Kgs/ batch
No of stations	14
No of Plates	15
No. of trays per plate	24
Weight of product per tray	1.8 Kgs/2 kgs
Effective freezing area per plate	1830 x 838 mm
Product	Shrimp
Freezing time	Approx 90 minutes 50 mm thick product
Evaporation temperature	-40 deg C
System	Ammonia Liquid Pump

Blast Freezer

Capacity	4000 kgs/3hrs
Room size	6.7 m x 5.18 m x 3.5 m ht
Product	Shrimp
Product in temp.	+ 18 deg C
Required room temp.	- 35 deg C
Insulation	150 mm thick PUF panels
Refrigeration load	70.4 TR
System	Ammonia Liquid Pump

Rahul



Flake Ice Machine

Capacity of	20 tons/day
Room size	7 m x 3.40 m x 3.50 m ht
Water inlet temperature	+30 deg C
Evaporating temperature	- 25 deg C
Insulation	80 mm thick PUF panels
System	Ammonia liquid pump
Refrigeration load	35.84 TR

MATERIAL SPECIFICATIONS

HIGH SIDE PLATE FREEZER – 1, 2

01. TWO **KIRLOSKAR** make model **KCX-51**, compressor with suction and discharge stop valves, flywheel etc and having the required capacity at the operating conditions.
02. TWO Intergrated Kirloskar remote management system for the compressor.
03. TWO 100 HP Sq.cage SPDP type induction motor of **Kirloskar/Siemens/ Marathon** eqvt suitable for 3/50/400-440 V AC.
04. TWO Fully automatic star delta starters for the above (**included in switchboard**).
05. TWO Set belt drive accessories consisting of V-belts, belt guard, motor pulley and slide rails.
06. FOUR **NEPTUNE** make ammonia oil separators of suitable size complete with standard fittings.
07. TWO Common base frame for compressor and motor.

Price Rs. 34,87,000/-

08. ONE **NEPTUNE** make common gas and liquid cooler suitable for 2 nos KCX-51 with standard fittings.
09. ONE Electronic float control valve and solenoid valve.
10. LOT Insulation for the above.

Price Rs. 3,12,000/-

HIGH SIDE BLAST FREEZER

11. TWO **KIRLOSKAR** make model **KCX-72**, compressor with suction and discharge stop valves, flywheel etc and having the required capacity at the operating conditions.
12. TWO Intergrated Kirloskar remote management system for the compressor.

Rohit



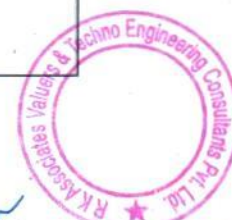
13. ONE 150 HP Sq.cage SPDP type induction motor of **Kirloskar/Siemens/ Marathon** eqvt suitable for 3/50/400-440 V AC.
 14. ONE Fully automatic star delta starters for the above **(included in switchboard)**.
 15. ONE Set belt drive accessories consisting of V-belts, belt guard, motor pulley and slide rails.
 16. TWO **NEPTUNE** make ammonia oil separators of suitable size complete with standard fittings.
 17. ONE Common base frame for compressor and motor.
- Price Rs. 49,59,000/-**
18. ONE **NEPTUNE** make common gas and liquid cooler suitable for 2 nos KCX-51 with standard fittings.
 19. ONE Electronic float control valve and solenoid valve.
 20. LOT Insulation for the above.

Price Rs. 4,14,000/-

HIGH SIDE FLAKE ICE MACHINE

21. ONE **KIRLOSKAR** make model **KCX-42**, compressor with suction and discharge stop valves, flywheel etc and having the required capacity at the operating conditions.
 22. ONE Intergrated Kirloskar remote management system for the compressor.
 23. ONE 100 HP Sq.cage TEFC type induction motor of **Kirloskar/Siemens/ Marathon** eqvt suitable for 3/50/400-440 V AC.
 24. ONE Set belt drive accessories consisting of V-belts, belt guard, motor pulley& slide rails.
 25. TWO **NEPTUNE** make ammonia oil separators of suitable size complete with standard fittings.
 26. ONE Common base frames for compressor and motor.
- Price Rs. 17,56,000/-**
27. ONE **NEPTUNE** make gas and liquid cooler with standard fittings.
 28. ONE **DANFOSS** make electronic float control valve and solenoid valve.

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29. ONE Insulation for the above.

Price Rs. 2,50,000/-

LIQUID AMMONIA PUMP FOR PLATE FREEZER - 1, 2

30. ONE **NEPTUNE** make vertical low pressure receiver with the required connections.
31. THREE Electronic float control valve.
32. ONE Solenoid valve.
33. LOT Insulation for the above.
34. TWO **FLOWDYNE** make Liquid ammonia circulation pumps complete with necessary controls. (one to act as 100 % standby)

Price Rs. 9,13,000/-

LIQUID AMMONIA PUMP FOR BLAST FREEZER

35. ONE **NEPTUNE** make vertical low pressure receiver with the required connections.
36. THREE Electronic float control valve.
37. ONE Solenoid valve.
38. LOT Insulation for the above.
39. TWO **FLOWDYNE** make Liquid ammonia circulation pumps complete with necessary controls. (one to act as 100 % standby)

Price Rs. 9,48,000/-

LOWSIDE PLATE FREEZER - 1, 2

45. TWO **NEPTUNE** make double contact horizontal Plate Freezers Model **NPA-14** complete with:-
a) PUF insulated cabinet with stainless steel sheet on the outside and inside
b) The internal top frame, bottom frame, headers and vertical posts are of stainless steel.
c) 15 nos. bored aluminium refrigeration plates each having an effective surface area 1830 x 838 mm.
d) Set of stainless steel hoses and connections.



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- e) Hydraulic jack arrangement for lifting the plates with power pack and hydraulic cylinder.
- f) Control panel with digital type thermometer.

Price Rs. 29,44,000/-

LOWSIDE BLAST FREEZER

- 46. TWO Floor mounted coolers fabricated from stainless steel pipefitted with aluminium fins, blower section comprising of axial fans driven by suitable HP motor, drain section. **(each room 1 unit)**
- 47. ONE Digital type thermometer.

Price Rs. 41,77,000/-

LOWSIDE FLAKE ICE MACHINE

- 48. ONE Flake ice machine complete with stainless steel drum, cutter, waterpump, control panel and accumulator.
- 49. ONE **DANFOSS** make electronic float control valve.
- 50. ONE **DANFOSS** make solenoid valve.
- 51. ONE Digital type thermometer.

Price Rs. 23,45,000/-

COMMON EQUIPMENT

- 52. TWO **NEPTUNE** make Evaporative condensers complete with:-
 - a) Coil fabricated from SS pipe.
 - b) Blower comprising of axial fans driven by suitable HP motor.
 - c) Drain for circulation of water.
 - d) Eliminators made out of PVC corrugated fill.
 - e) The condenser is clad with pre-coated GI sheets.
 - f) The condenser frame is duly galvanized.
 - g) Condenser pump.
- 53. TWO **NEPTUNE** make ammonia liquid receiver of suitable size with required connections.

Price Rs. 36,50,000/-

Price Rs. 6,95,000/-



54. LOT Gl class B pipes, valves and fittings for the condenser water circuit.
55. LOT Refrigerant pipes (MS class C), valves fittings for interconnecting various equipment.
56. LOT Suction line insulation with aluminum cladding.
- Price Rs. 41,41,000/-**
57. ONE Cubical type steel free standing, floor mounting compartmentalised MCC board equipped with star delta starter for compressor motor, DOL starter for fan motor and pump, main switch fuse with selector switch for ammeter and voltmeter, indicating lamps, current transformer and control fuses and the required outgoing feeders.
58. LOT Electrical wiring materials such as aluminium cables, conduits, Cu earthing wire for complete power wiring of the equipments.
- Price Rs. 23,14,000/-**
59. 6100 kgs Charge of ammonia gas.
60. 300 ltrs Charge of compressor oil.

Price Rs. 9,50,000/-

PRICE	For Material	Rs. 3,42,55,000/-
	Labour	Rs. 37,35,000/-

TOTAL	Rs. 3,79,90,000/-
--------------	--------------------------

(Rupees three crore seventy nine lakhs ninety thousand only)

- PRICES** Ex-works. Packing, forwarding, freight and transit insurance charges shall be charged extra.
- GST** Shall be charges extra @ 18% as applicable.
- DELIVERY** 16-20 weeks from the date of receipt of order with advance.
- PAYMENT** 30% advance with order and 65% against proforma invoice and 5% after commissioning but within a week.
- VALIDITY** Our offer is valid for a period of 15 days.
- WARRANTY** Our equipment are guaranteed against defective material / workmanship for a period of 12 months from the date of supply.



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Ramtech Refrigeration Private Limited
 Thirumuduvakkam, Chennai, Tamil Nadu | GST 33AAFCR9612E1ZK | TrustSEAL Verified | 4.0

Call 08046078077
 83% Response Rate

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Our Product Range

Food Grading machinery
 Our product range includes a wide range of Shrimp Grading Machine and Prawn Grading Machine.

Food Grading Machinery
 Shrimp Grading Machine
 Prawn Grading Machine

Food Freezing Machinery
 11 products available

IQF freezer for fruit & vegetables
 12 products available

Refrigeration Equipment
 9 products available

IQF Freezer
 8 products available

IQF freezer for seafood
 8 products available

Shrimp Grading Machine
 Rs 52 Lakhs / no [Get Latest Price](#)
 Minimum Order Quantity: 1 no

[Product Brochure](#)

Capacity: 500
 Usage/Application: Seafood Industry
 Machine Type: Grading Machine
 Brand: Ramtech
 Power Source: Electrical
 Country of Origin: Made in India

It is suitable for head on shell on (HOSO) or head less shell on (HLSO)

Ramtech Refrigeration Private Limited
 Thirumuduvakkam, Chennai, Tamil Nadu | GST 33AAFCR9612E1ZK | TrustSEAL Verified | 4.0

Call 08046078077
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Our Product Range

IQF Hardener
 Our range of products include IQF Hardener.

IQF Hardener
 IQF Hardener

Food Freezing Machinery
 11 products available

IQF freezer for fruit & vegetables
 12 products available

Refrigeration Equipment
 9 products available

IQF Freezer
 8 products available

IQF freezer for seafood
 8 products available

Cold Storage Plant
 7 products available

IQF Hardener
 Rs 29.5 Lakhs / unit [Get Latest Price](#)
 Minimum Order Quantity: 1 Unit

[Watch Video](#)

Body Material: Stainless Steel
 Type: Spiral Freezer
 Storage Capacity: 500 kgs
 Power source: Electric
 Condition: Refurbished
 Defrost Type: Auto-Defrost
 Energy Efficiency: 5 Star

After Freezing in IQF for Glazing purpose Product will dip in Water to

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IndiamART > Cleaning Machines & Equipments > Fruit & Vegetable Washers > Vegetable Washer

Kitchen Equipment | Food Processing Machine | Potato Peeling Machine near Chennai [View More](#)

Shrimp Washing Machine, 500 Kg/hr
 ₹ 12.50 Lakh [Get Latest Price](#)

Type: Continuous Type
 Capacity: 500 Kg/hr
 Power: 1500 Watt
 Technology: Brush Washing
 Suitable for: Shrimp

Being one of the established manufacturers and suppliers, we are involved in offering a wide range of Shrimp Washing Machine. With the availability in various dimensions and specifications, these machines are

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 Request a quote

[Product Brochure](#)

Ramtech Refrigeration Private Limited
 Thirumuduvakkam, Chennai, Tamil Nadu
 Ramtech 4.0 (47)
 GST 33AAFCR9612E1ZK
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 Company Video

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Home > Industrial Equipment & Components > Refrigeration Equipment > Industrial Cooling System [Print This Page](#)

Factory Price Ice Glazing Machine for Shrimp/Seafood

Reference FOB Price [Get Latest Price >](#)

US \$50,000 / Piece 1 Piece (Min. Order)

Type: Water-Cooled
 Cooling Water: Industrial Water
 System Type: Open System
 Fans Species: Frequency Fan
 Noise Level: Low
 Application Fields: Food Processing
 Customization: Available ☒ Customized Request

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 General Manager

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Nantong Baoxue Refrigeration Equipment...

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IndiaMART > Generators, Turbines & Power Plants > Diesel Engine Generator Set > Silent Diesel Generator Diesel Generator | Dg Sets | P

Jakson Three Phase 500 KVA Cummins Silent Diesel Generator Set

₹ 36 Lakh/ Set [Get Latest Price](#)

Phase: Three Phase
 Power: 500 KVA
 Brand: Jakson
 Fuel Tank Capacity: 700 L
 Country of Origin: Made in India
 Model Number: JSP500Q
 Engine Model: KTAA19-G10

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 Request a quote



TATA POWER SOLAR



Detailed Techno-Commercial Proposal For 150 KWp Grid Connected Rooftop Solar Power Plant to



Tata Power Solar Systems Limited

3. Commercial Offer:

- 3.1 Price for design, supply, installation, testing and commissioning**
Commercial Proposal for Design, Engineering, Supply, Transportation, Installation, Testing & Commissioning of various Solar Rooftop Power Plants as per bill of material above:

Commercials for 150 KWp Solar Rooftop Project	
Description	Total
Basic Project Cost for Design, Supply, Installation, Transportation, Testing and Commissioning of equipment for 150 KWp Rooftop Solar Power Plant	55,000/- Rs.
Total Project Cost for Design, Supply, Installation, Transportation, Testing and Commissioning of equipment for 150 kWp Rooftop Solar Power Plant (including GST of the Project Cost)	82,50,000/- Rs.

Note:-

- Discom legal Charges will be extra as per actual.
- Cleaning Pipes if required by customer will be charged extra.

3.2 General Terms & Conditions

Commercial Terms and Conditions		
Sr. No.	Term	Contract Clause
1	Purchase Order	A Single PO is to be placed for Turnkey EPC of Solar Project. PO will be generated for Nakoda Solar Solutions, Jodhpur (Authorized Channel Partner of Tata Power Solar)
2	Price	<ul style="list-style-type: none"> ➤ The price quoted in this Proposal is inclusive of design, manufacturing, sourcing, testing, supply, installation & commissioning, as per the bill of materials & ratings submitted by TATA Power Solar along with the final offer. Any change in scope of work or addition to the bill of materials and/or ratings or any variation, whatsoever, shall be charged extra to Customer. ➤ The price quoted is CIF-site and is firm. ➤ The basic price is exclusive O&M Charges (AMC/CMC charges) ➤ Any statutory variation in taxes and duties from the date of submission of this proposal including change of rates for Solar PV System and/or its parts/ components/ equipment's under GST, imposition of Antidumping Duty (ADD) and/or Safeguard Duty (SDD) and/or countervailing duty on imported modules and cells by the Government of India would be applicable to the client's account and shall be payable by the client at actuals.



K R REFRIGERATION LLP

REFRIGERATION AND MECHANICAL ENGINEERS

Plate Freezers, Blast Freezers,
Cold Storage, Ice Plant and
Fish processing Equipment's.

1830, Chakgaria, Budherhat,
Kolkata- 700 094.

Mobile: 9831022705/9830135013

E-Mail: krrrefrigeration@yahoo.com
kr.manu@rediffmail.com

Ref. KRR/ Civil Construction

Date: 21.09.2022

Rising Tide
P144 Remount Road
Kolkata - 700027

Dear Sir,

Civil Construction work Details

1)	Labour Quarter 3rd & 4th Floor Level, 2nd Floor Roof quarter , Shuttering ROD Binding ,Casting , Bricks work, Plastering, Door Fixing , MS window , Putty , Net cement. (With Material)	8250 sqf	1235	1,01,88,750
2)	Floor Level above ETP & Machine room, Cold Store Shuttering ROD Binding ,Casting , Bricks work, Plastering, Door Fixing , MS window , Putty , Net cement. (With Material)	9250 sqf	1235	1,14,23,750
3)	Material Lifting charges for 3rd & 4th Floor level, 2nd Floor Roof	8250 sqf	265	21,86,250
4)	Material Lifting charges for Floor Level at ETP & Cold Store	9250 sqf	230	21,27,500
6)	Structure Engineer Fees			5,75,000
	Total			2,65,01,250

Thanks & regards,

For K R REFRIGERATION LLP



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Plinth Area Rates 2021

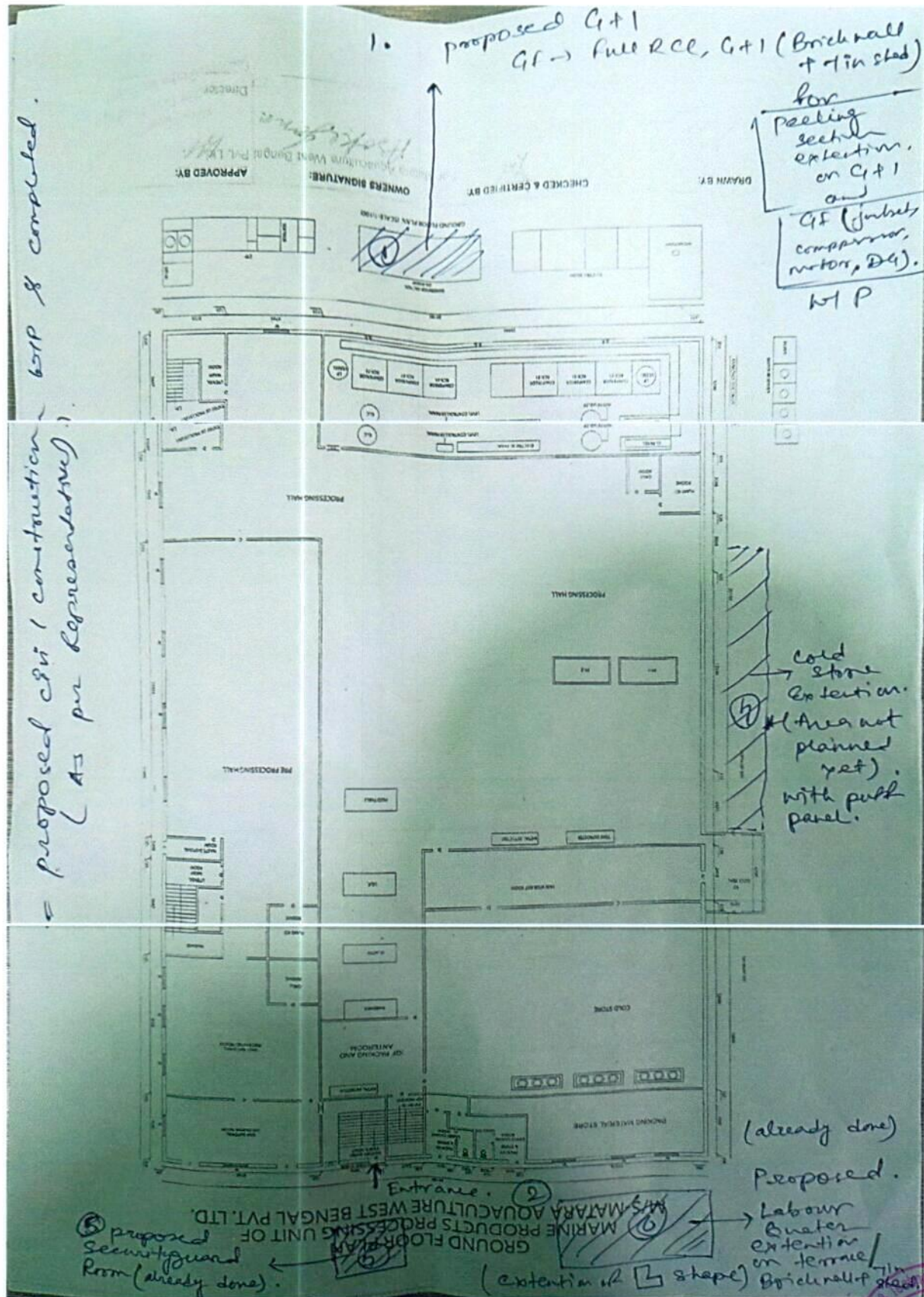
S.No.	Description	Rates in ₹
	Note:- Cost for general façade lighting, if required, with IP 66/67 LED fixtures (RGB/Tunable/Mono) along with controls (hardware and software) and cabling may be assessed on case to case basis.	
6.20	STP/ETP PLANT	
	Supplying, installation, testing and commissioning of STP/ETP of appropriate technology including civil works (except plant room), tertiary treatment etc. for the building/ campus	
6.20.1	Plant size upto 50KLD	75,000 per KLD
6.20.2	Add extra for every KLD for plant size above 50 KLD and upto 100 KLD	60,000 per KLD
6.20.3	Add extra for every KLD for plant size above 100 KLD	50,000 per KLD
6.21	DRIVER FACE AND AUTOMATIC NUMBER PLATE RECORDING SYSTEM/RECOGNITION SYSTEM	
6.21.1	Supplying, installation, testing and commissioning of driver face and automatic number plate recording system / recognition system including high resolution camera and software set for the driver face capture and automatic number plate recording	7,25,000 per set
6.22	BAGGAGE SCANNERS	
6.22.1	Baggage scanner small: computer based multi energy X-Ray baggage inspection system mounted on castor wheels capable of passing through bags of dimensions 540 mm (W) x 350 mm (H), belt height 750 mm to 850 mm, 22"/24" LCD Monitor, Input / Output rollers with frames etc. as required.	21,25,000 per unit
6.22.2	Baggage scanner big: computer based multi energy X-Ray baggage inspection system capable of passing through bags/parcels of dimension 940mm (W) x 640mm (H) with Belt Height- 750mm-850mm with 22"/24" LCD Monitor, Input/ Output rollers with frames etc. as required.	35,00,000 per unit
6.23	DOOR FRAME METAL DETECTOR	
6.23.1	20 zone or above door frame metal detector nominal size: 760 mm (W) x 2050 mm (H) x 700 mm (D) loaded with necessary software	3,50,000 per set
6.24	MEDICAL GAS PIPELINE SYSTEM	
6.24.1	Medical gas pipeline system (as per international standards) comprising of oxygen, carbon dioxide, nitrous oxide, AGSS, Air-4, Air-7, vacuum outlets, manifolds, pressure alarms, fully automatic gas control system, bed head panels, copper piping, cylinder banks, plant equipment such as compressors, vacuum pumps etc.	60,000 per bed
6.25	MODULAR OPERATION THEATER	
6.25	MOT comprising of walls & ceiling system for operating area, steel framework, static dissipative flooring, laminar flow, double dome OT light, touch screen surgeon's control panel, scrub station, X-Ray viewing screen, hatch box, automatic sliding doors, anesthesia pendent, surgeon pendent etc.	

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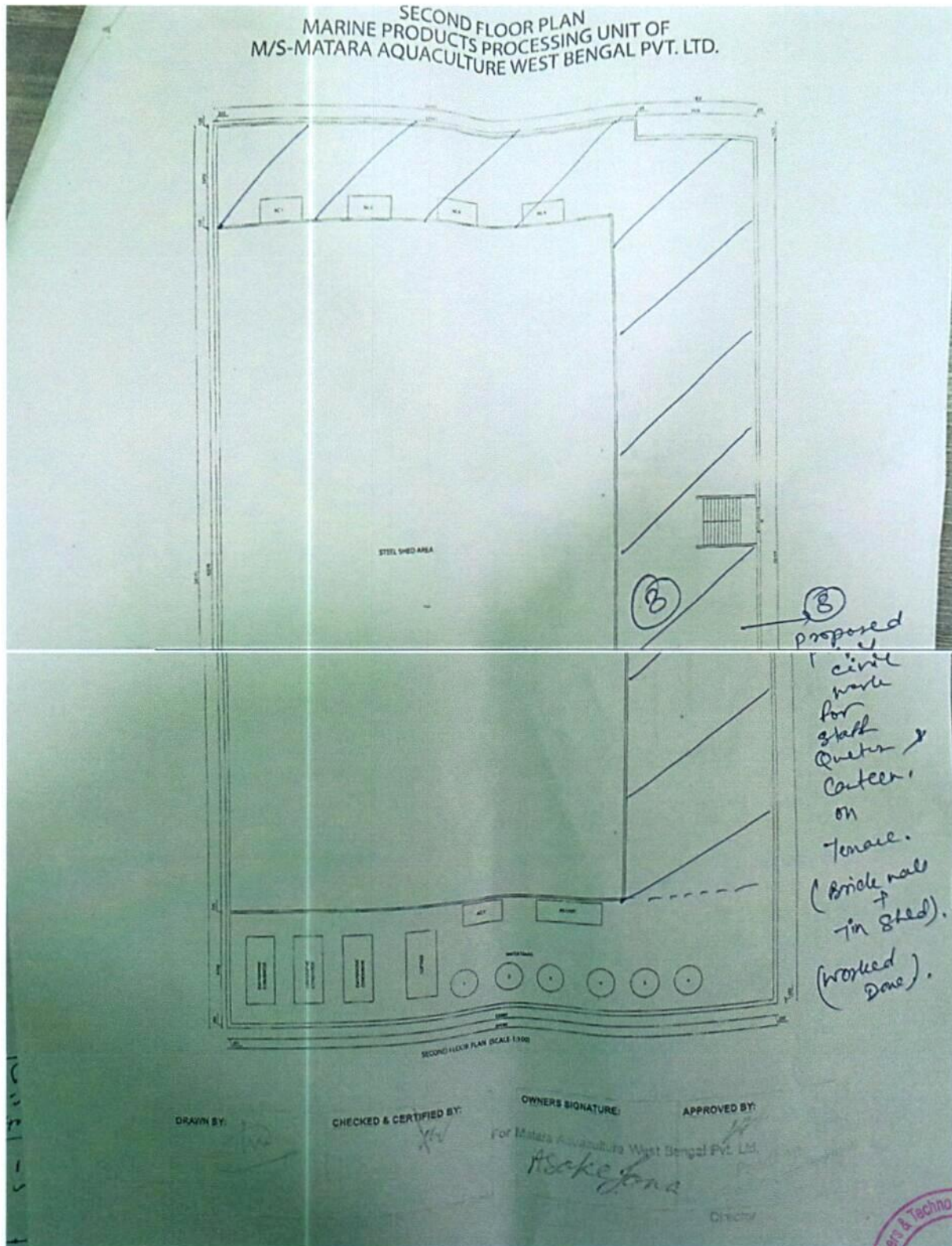


Proposed Civil Works Description



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[Signature]

[Signature]



PART B - ANNEXURE



RISING TIDE
www.risingtide.co.in

Rising Tide
 P-144, Remount Road
 Kolkata - 700 027, West Bengal (India)
 E-mail: accounts@risingtide.co.in

To
 The Branch Manager
 Bank Of India
 Kolkata Main Branch
 Kolkata

Dear Sir



Enclosed here with Load Capacity Break up for your reference.

Rising Tide - Load Capacity

Current		
IQF	1 set	180 kw
Flake ICE	2 No	98 kw
Plate Freezer	3 No.	156 kw
Grading Machine	1 No.	3 kw
Cloide Store		72 kw
Others		10 kw
Total		519


Proposed		
IQF	1 set	180 kw
Flake ICE	4 No	188 kw
Plate Freezer	6 no.	310 kw
Grading Machine	3 no	10 kw
Cloide Store		84 kw
Others		18 kw
Total		796

Thanking You
 Yours Faithfully
 For Rising Tide







ELECTRICITY BILL

(A Government of West Bengal Enterprise) PURBA MEDINIPUR REGIONAL OFFICE BIJLI BHARAN (3RD FLOOR), DAHARPUR, PURBA MEDINIPUR, TAMELK, PIN- 721636 Phone: 03228263266, Fax: 03228263355, Email: rm.purbamedinipur@bsecl.in, TAN:CALW05053G											
											
Consumer ID:950046801 Installation No:20767722 MATARA AQUACULTURE W.B. PVT. LTD, VILL-GIRIRCHAK, PO-NARGHAT,PS-NANDAKUMAR, MEDINIPUR Pin - 721669 Country:India				Invoice No.:666000157055 Billing Date:02.12.2022 Billing Cycle:NOV, 2022 Present Reading Date:01.12.2022 Previous Reading Date:01.11.2022 Service At:BANBHERA, GIRIRCHAK, BILL No:000950046801 Account Reference No:22884852				Tariff Code:E(BT) Supply Voltage(KV):11.00 Contract Demand(KVA):900.00 PF:0.8871 LF:33.4886 Nature Of industry:COLD STORAGE-NONPERISHABLE Pan No:AAFCM3590D			
Meter No	SH5D1564	Type	TOD	MC	1	MF	1.000 00	Loss Factor	1	Net MF	1
Meter Readings		KVAH			KWH			KVA / Dt. & Time of MD			
Time	Normal	Peak	Off-peak	Normal	Peak	Off-peak	Normal	Peak	Off-peak		
Present	2100390.5 00	1381029.0 00	1110158.50 0	1931655.0 00	1281287.5 00	1005787.5 00	474.400	471.200	431.600		
Previous	2015921.0 00	1330926.0 00	1060276.00 0	1856549.0 00	1236589.0 00	961957.50 0					
Reading Advance * Net MF		KVAH			KWH			KVA			
		84469.500	50103.000	49882.500	75106.000	44698.500	43830.000	474.400	471.200	431.600	
Energy Charge		Normal			Peak			Off-peak			
Rate	EC(p/KWH)	729			871			552			
P.F.Reb(-)/Sur(+)(%onEC)		0.00			0.00			0.00			
L.F.Reb(-)(p/KWH)											
Chargeable	KWH	75106.000			44698.500			43830.000			
!EC Amount	Rs.	547522.7400			389323.9400			241941.6000			
Chargeable	PF	0.8891			0.8921			0.8787			
Energy/Min Charge (Rs)		1178788.28									
Rebate on EC(Rs.)		0.00									
Addl.EC(Rs.)		0.00									
Total EC(Rs.)		1178788.28									
PF		Rs.			0.00			0.00			
Demand Charge								*Demand Charge			
Rate		Normal (Rs/KVA/month)			384.00			Addl.DC(Rs.)			
Chargeable		Normal KVA			765.00			Total DC(Rs.)			
		Addl.KVA			0.00			Reb on DC(on TP)			
Rebate(-)/Surcharge(+) (Rs.)											
LF Reb(-)/Sur(+)								0.00			
PF Reb(-)/Sur(+)								0.00			
MCA Charges @0.00 Paise/KWH								0.00			
***Government subsidy											
** Other Arrear Charges								-117.77			
Electricity Duty											
EDIM Units	163634.50	%On Net Charge			15.00			Net ED(Rs.)			
EDCOM Units	00.00	%On Net charge			17.50			Exemption (Rs.)			
EDFUR Units	00.00	%On Net charge			5.00			#Arrear ED(Rs.)			
ED DOM Units	00.00	%On Net charge			15.00			ED Adjust (Rs)			
								Total ED (Rs.)			
								218673.42			
Other Charges & Outstanding (Rs.)											
Rental of Meter/Meters	2400.00							Amnt. For Current Month(Rs)			
Transformer Rental + GST	0.00							Due Date :			
E.C adjustment								12.12.2022			
D.C adjustment								Outstanding Amount (Rs.): #			
Other adjustment								1629.79			
LPSC Charges	3792.37							Adjustment Amount (Rs) :			
Adjusted Amount	0.00							0.00			
Timely Payment Rebate	-14724.31							Adjustment Amount1(Rs): --			
-Addl LF Rebate for Timely Payment	0.00							0.00			
Total Timely Payment Rebate	-14724.31							Payable by DueDate(Rs):			
								1684202.00			
								Payable After DueDate(Rs):			
								1698927.00			
								Payable by DueDate			
								Through NEFT/RTGS (RS):			
								1669625.00			
Amount Before Due Date(Rs)		Sixteen lakh eighty four thousand two hundred two rupees									
Amount After Due date(Rs)		Sixteen lakh ninety eight thousand nine hundred twenty seven rupees									




(A Government of West Bengal Enterprise) PURBA MEDINIPUR REGIONAL OFFICE BIJLI BHARAN (3RD FLOOR), DAHARPUR, PURBA MEDINIPUR, TAMEUK, PIN- 721636 Phone: 03228263266, Fax: 03228263255, Email: rm.purbamedinipur@wbsecl.in, TAN:CALW05053G											
											
Consumer ID:950046801 Installation No:20767722 MATARA AQUACULTURE W.B. PVT. LTD, VILL-GIRIRCHAK, PO-NARGHAT,PS-NANDAKIMAR, PURBA MEDINIPUR Pin - 721669 Country:India				Invoice No.:678000158767 Billing Date:03.03.2023 Billing Cycle:FEB,2023 Present Reading Date:01.03.2023 Previous Reading Date:01.02.2023 Service At:BANBHERA,GIRIRCHAK, BILL No:000950046801 Account Reference No:22884852				Tariff Code:E (BT) Supply Voltage(KV):11.00 Contract Demand(KVA):900.00 PF:0.9055 IF:14.6785 Nature Of Industry:COLD STORAGE-NONPERISHABLE Pan No:AAF0M3590D			
Meter No	SH5D1564	Type	TOD	MC	1	MF	1.000 00	Loss Factor	1	Net MF	1
Meter Readings		KVAH			KWH			KVA / Dt. & Time of MD			
Time	Normal	Peak	Off-peak	Normal	Peak	Off-peak	Normal	Peak	Off-peak		
Present	2296690.00	1490762.00	1205848.00	2108344.00	1379799.50	1089265.00	396.800	363.200	168.800		
Previous	2251038.00	1470116.00	1196687.00	2066949.00	1360900.00	1081230.00	15.02.23 12:15:00	11.02.23 17:15:00	07.02.23 01:00:00		
Reading Advance * Net MF		KVAH			KWH			KVA			
		45652.000	20646.000	9161.000	41395.000	18899.500	8035.000	396.800	363.200	168.800	
Energy Charge		Normal			Peak			Off-peak			
Rate	EC(p/KWH)	729/731			871/873			552/554			
	P.F.Reb(-)/Sur(+)(%onEC)	0.00			0.00			0.00			
	L.F.Reb(-)(p/KWH)										
Chargeable	KWH	41395.000			18899.500			8035.000			
!EC Amount	Rs.	301799.1200			164628.1400			44358.9400			
Chargeable	PF	0.9068			0.9154			0.8771			
PF	Rs.	0.00			0.00			0.00			
Demand Charge								*Demand Charge			
								293760.00			
Rate	Normal (Rs./KVA/month)	384.00 /384.00						Addl.DC (Rs.)			
Chargeable	Normal KVA	765.00						Total DC (Rs.)			
	Addl.KVA	0.00						Reb on DC (on TP)			
Rebate(-)/Surcharge(+) (Rs.)											
LF Reb(-)/Sur(+)								14414.31			
PF Reb(-)/Sur(+)								0.00			
MWCA Charges @0.00 Paise/KWH								0.00			
***Government subsidy											
** Other Arrear Charges								-117.77			
Electricity Duty											
EDIM Units	68329.50	%On Net Charge			15.00			Net ED (Rs.)			
EDCOM Units	00.00	%On Net charge			17.50			Exemption (Rs.)			
EDFUR Units	00.00	%On Net charge			5.00			#Arrear ED (Rs.)			
ED DOM Units	00.00	%On Net charge			15.00			ED Adjust (Rs.)			
								Total ED (Rs.)			
								121615.64			
Other Charges & Outstanding (Rs.)											
Rental of Meter/Meters		2400.00						Aamt. For Current Month (Rs.)			
Transformer Rental + GST		0.00						942858.38			
E.C adjustment								Due Date :			
D.C adjustment								13.03.2023			
Other adjustment								Outstanding Amount (Rs.): #			
LPSC Charges		0.00						0.00			
Adjustments		-0.19						Adjustment Amount (Rs.):			
Timely Payment Rebate		-8188.43						-0.19			
-Addl LF Rebate for Timely Payment		0.00						Adjustment Amount1 (Rs.): --			
Total Timely Payment Rebate		-8188.43						0.00			
								Payable by DueDate (Rs.):			
								934670.00			
								Payable After DueDate (Rs.):			
								942859.00			
								Payable by DueDate			
								Through NEFT/RTGS (RS):			
								926564.00			
Amount Before Due Date (Rs.)		Nine lakh: thirty four thousand six hundred seventy rupees									
Amount After Due date (Rs.)		Nine lakh: forty two thousand eight hundred fifty nine rupees									
Messages to consumer		Register your mobile No. and email Id at www.wbsecl.in to get Billing and Payment info.									
Payment may be made using RTGS/NEFT in your exclusive a/c no: WBB95004680120767722 with IFSC code ICIC0000104 *Demand Charge includes interruption benefit of 00:00:00 hours **The installment status for OTHERS is 4 / 6 for FY- 2022-23											



(A Government of West Bengal Enterprise) PURBA MEDINIPUR REGIONAL OFFICE BIJLI BHARAN (3RD FLOOR), DAHARPUR, PURBA MEDINIPUR, TAMELK, PIN- 721636 Phone: 03228263266, Fax: 03228263255, Email: rm.purbamedinipur@wbsecl.in, TAN:CALW05053G											
Consumer ID:950046801 Installation No:20767722 MATARA AQUACULTURE W.B. PVT. LTD, VILL-GIRIRCHAK, PO-NARGHAT,PS-NANDAKUMAR, MEDINIPUR Pin - 721669 Country:India				Invoice No.:631000155615 Billing Date:04.11.2022 Billing Cycle:OCT, 2022 Present Reading Date:01.11.2022 Previous Reading Date:01.10.2022 Service At: BANBHERA, GIRIRCHAK, BILL No:000950046801 Account Reference No:22884852				Tariff Code:E(BT) Supply Voltage(KV):11.00 Contract Demand(KVA):900.00 PF:0.8949 LF:30.4945 Nature of industry:COLD STORAGE-NONPERISHABLE Pan No:AAF0CM3590D			
Meter No	SH5D1564	Type	TOD	MC	1	MF	1.000	Loss Factor	1	Net MF	1
Meter Readings		KVAH			KWH			KVA / Dt. & Time of MD			
Time	Normal	Peak	Off-peak	Normal	Peak	Off-peak	Normal	Peak	Off-peak		
Present	2015921.00	1330926.00	1060276.00	1856549.00	1236589.00	961957.50	478.800	486.000	452.400		
Previous	1945839.00	1277819.50	1009902.00	1793450.50	1188932.00	917392.00	28.10.22	20.10.22	23.10.22		
							14:45:00	17:15:00	02:15:00		
Reading Advance * Net MF		70082.000	53106.500	50374.000	63098.500	47657.000	44565.500	478.800	486.000	452.400	
Energy Charge		Normal			Peak			Off-peak			
Rate	EC (p/KWH)	730/729			872/871			553/552			
	P.F.Reb(-)/Sur(+) (for EC)	0.00			0.00			0.00			
	L.F.Reb(-) (p/KWH)										
Chargeable	KWH	63098.500			47657.000			44565.500			
!EC Amount	Rs.	460598.6900			415553.6700			246432.8300			
Chargeable	PF	0.9004			0.8974			0.8847			
PF	Rs.	0.00			0.00			0.00			
Demand Charge								*Demand Charge			
								293760.00			
Rate	Normal (Rs/KVA/month)	384.00 / 384.00						Addl.DC (Rs.)			
Chargeable	Normal KVA	765.00						Total DC (Rs.)			
	Addl.KVA	0.00						Reb on DC (on TP)			
Rebate(-)/Surcharge(+) (Rs.)											
LF Reb(-)/Sur(+)								0.00			
PF Reb(-)/Sur(+)								0.00			
MCA Charges 80.00 Paise/KWH								0.00			
***Government subsidy											
** Other Arrear Charges								-2278.80			
Electricity Duty											
EDIM Units	155321.00	%On Net Charge			15.00			Net ED (Rs.)			
EDCOM Units	00.00	%On Net charge			17.50			Exemption (Rs.)			
EDPUR Units	00.00	%On Net charge			5.00			#Arrear ED (Rs.)			
ED DOM Units	00.00	%On Net charge			15.00			ED Adjust (Rs.)			
								Total ED (Rs.)			
								210462.54			
Other Charges & Outstanding (Rs.)											
Rental of Meter/Meters	2400.00							Amt. For Current Month (Rs)			
Transformer Rental + GST	0.00							Due Date :			
E.C adjustment								Outstanding Amount (Rs.) : #			
D.C adjustment								Adjustment Amount (Rs) :			
Other adjustment								Adjustment Amount1 (Rs) : --			
LPSC Charges	0.00							Payable by DueDate (Rs):			
Adjustments	-0.14							Payable After DueDate (Rs):			
Timely Payment Rebate	-14140.66										
-Addl LF Rebate for Timely Payment	0.00							Payable by DueDate			
Total Timely Payment Rebate	-14140.66							Through NEFT/RTGS (RS) :			
								1598789.00			
Amount Before Due Date (Rs)	Sixteen lakh twelve thousand seven hundred eighty nine rupees										
Amount After Due date (Rs)	Sixteen lakh twenty six thousand nine hundred twenty nine rupees										
Messages to consumer	Register your mobile No. and email id at www.wbsecl.in to get Billing and Payment info.										
Payment may be made using RTGS/NEFT in your exclusive a/c no: WBB95004680120767722 with IFSC code ICIC0000104 *Demand Charge includes interruption benefit of 00:00:00 hours **The installment status for OTHERS is 6 / 6 for FY- 2019-20 **The installment status for OTHERS is 6 / 6 for FY- 2020-21											



(A Government of West Bengal Enterprise)
PURBA MEDINIPUR REGIONAL OFFICE
BIJLI BHABAN (3RD FLOOR), DAHARPUR, PURBA MEDINIPUR, TAMELUK, PIN- 721636
Phone: 03228263266, Fax: 03228263155, Email: sm.purbamedinipur@wbseel.in, TAN:CALW05053G



Consumer ID:950046801 Installation No:20767722 MATARA AQUACULTURE W.B. PVT. LTD, VILL-GIRIRCHAK, PO-NARGHAT,PS-NANDAKIMAR, MEDINIPUR Pin - 721669 Country:India		Invoice No.:641500158901 Billing Date:02.02.2023 Billing Cycle:JAN, 2023 Present Reading Date:01.02.2023 Previous Reading Date:01.01.2023 Service At:BANBHERA, GIRIRCHAK, BILL No:000950046801 Account Reference No:22884852		Tariff Code:E(BT) Supply Voltage(KV):11.00 Contract Demand(KVA):900.00 PF:0.8959 LF:24.7193 Nature Of Industry:COLD STORAGE-NONPERISHABLE Pan No:AAFCM3590D	
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Meter No	SH5D1564	Type	TOD	MC	1	MF	1.000	Loss Factor	1	Net MF	1
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Meter Readings			KVAH			KWH			KVA / Hr. & Time of MD		
Time	Normal	Peak	Off-peak	Normal	Peak	Off-peak	Normal	Peak	Off-peak		
Present	2251038.00	1470116.00	1196687.00	2066949.00	1360900.00	1081230.00	435.200	419.600	425.600		
Previous	2183246.50	1432000.00	1161902.00	2005777.00	1326548.00	1050707.00	13.01.23	10.01.23	20.01.23		
							17:00:00	18:15:00	00:30:00		

Reading Advance + Net MF			KVAH			KWH			KVA		
	67791.500	38116.000	34785.000	61172.000	34352.000	30523.000	435.200	419.600	425.600		

Energy Charge				Normal		Peak		Off-peak		Energy/Min Charge(Rs.)	
Rate	EC(p/KWH)			729		871		552			913636.76
	P.F.Reb(-)/Sur(+)(NonEC)			0.00		0.00		0.00			0.00
	L.F.Reb(-)(p/KWH)										0.00
Chargeable	KWH			61172.000		34352.000		30523.000			913636.76
TEC Amount	Rs.			445943.8800		299205.9200		168486.9600			
Chargeable	PF			0.9024		0.9012		0.8775			
PF	Rs.			0.00		0.00		0.00			
Demand Charge											*Demand Charge
											293760.00

Rate	Normal(Rs/KVA/month)	384.00	Addl.DC(Rs.)	0.00
Chargeable	Normal KVA	765.00	Total DC(Rs.)	293760.00
	Addl.KVA	0.00	Reb on DC(on TP)	

Rebate(-)/Surcharge(+) (Rs.)		
LF Reb(-)/Sur(+)		1274.78
PF Reb(-)/Sur(+)		0.00
MCA Charges @0.00 Paise/KWH		0.00
***Government subsidy		
** Other Arrear Charges		-117.77

Electricity Duty				Net ED(Rs.)	
EDDM Units	126047.00	%On Net Charge	15.00		179487.72
EDCLM Units	00.00	%On Net charge	17.50		
EDPUP Units	00.00	%On Net charge	5.00		*Arrear ED(Rs.)
ED DOM Units	00.00	%On Net charge	15.00		ED Adjust (Rs.)
					Total ED (Rs.)
					179487.72

Other Charges & Outstanding (Rs.)			
Rental of Meter/Meters	2400.00	Amnt. For Current Month(Rs)	1390689.23
Transformer Rental + GST	0.00	Due Date :	13.02.2023
E.C adjustment		Outstanding Amount(Rs.): #	0.00
D.C adjustment		Adjustment Amount (Rs) :	-0.20
Other adjustment		Adjustment Amount1(Rs) : --	0.00
LPSC Charges	247.74	Payable by DueDate(Rs):	1378604.00
Adjustments	-0.20	Payable After DueDate(Rs):	1390690.00
Timely Payment Rebate	-12085.54	Payable by DueDate	
-Addl LF Rebate for Timely Payment	0.00	Through NEFT/RTGS (RS):	1366639.00
Total Timely Payment Rebate	-12085.54		
Amount Before Due Date(Rs)	Thirteen lakh seventy eight thousand six hundred four rupees		
Amount After Due date(Rs)	Thirteen lakh ninety thousand six hundred ninety rupees		

Messages to consumer: Register your mobile No. and email id at www.wbseel.in to get Billing and Payment info.
Payment may be made using RTGS/NEFT in your exclusive a/c no: 88895004680120767722 with IFSC code ICIC0000104
*Demand Charge includes interruption benefit of 00:00:00 hours
**The installment status for OTHERS is 3 /- for FY- 2022-23

