

**FILE No.: VIS (2022-23)-PL386-298-535**

**Date: 02-11-2022**

- **CERTIFICATE NAME:** Cost Vetting Certificate for Foam Manufacturing unit being set up by M/s VarahaMurti Flexirub Industries Pvt. Ltd.
- **PREPARED FOR ORGANIZATION:** State Bank of India, SME, Ranipur Branch
- **BORROWER COMPANY'S NAME:** M/s VarahaMurti Flexirub Industries Pvt. Ltd.
- **ASSET TYPE:** Foam Manufacturing Unit
- **CURRENT LOCATION OF THE MACHINES:** Proposed to be installed at Varahamurti flexirub industria pvt. Ltd., Khasra No. 451A and 451 B, Village poothri, Kalanjari Road, Meerut-250205.

SR. NO.	PARTICULARS	DESCRIPTION
1.	Date of Certificate	31-10-2022
2.	Date of Survey	Not Applicable
3.	Documents provided for perusal	a. Quotations from the company b. Preliminary Cost estimate c. AutoCAD Drawing of the proposed unit
4.	Current Location of the Unit/ Machines	Proposed to be installed at Varahamurti flexirub industria pvt. Ltd., Khasra No. 451A and 451 B, Village poothri, Kalanjari Road, Meerut-250205
5.	Borrowing Company	M/s VarahaMurti Flexirub Industries Pvt. Ltd.
6.	Type of Asset	Civil structure and machineries for Foam manufacturing unit
7.	Type of Assessment	Cost vetting of: 1. Building & civil works 2. Cost of Proposed Machineries 3. Cost of Electrical works 4. Cost for setting up office.
8.	Scope of Assessment	Cost Vetting of the Civil construction cost and cost of new equipment's proposed to be purchased by the company.
9.	Nature of Machinery	Foam making machines and auxiliary support machines.
10.	Year of Manufacturing	Machines not procured yet.
11.	Project Current Status	• The project is only in a planning stage.

**REGISTERED OFFICE:**

G-20, 3rd Floor, Preet Vihar,  
Vikas Marg, Delhi-110092  
Ph.: +91 9958632707

**CORPORATE OFFICE:**

D-39, 2nd floor, Sector 2, Noida-201301  
Ph - +91-0120-4110117, 4324647, +91 - 9958632707  
E-mail - valuers@rkassociates.org | Website: www.rkassociates.org

Other Offices at: • Mumbai • Kolkata • Bengaluru • Lucknow • Meerut • Agra • Dehradun • Ahmedabad • Shahjahanpur

		<ul style="list-style-type: none"> <li>• Building Plan is not approved yet. Only AutoCAD are prepared in respect to the building.</li> <li>• In respect to machinery, machines have been identified and quotation from respective vendors/ suppliers have been called.</li> <li>• Domestic machines orders have not been finalised and placed yet.</li> </ul>
12.	Condition of Machines	Machines are yet to be delivered to the site. Therefore, condition of machines is not applicable in this case.
13.	Total Envisaged Project Cost	<b>Rs.24.14 Cr. (Incl. GST)</b> (Total envisaged project Cost including supply and installation as per the List of machines/ quotations provided by the company).
14.	Estimated value after Cost vetting	<b>Rs. 24.01 Cr. (Incl. GST)</b> (Total estimated Project Cost including supply and installation as per the List of machines/ quotations provided by the company).

## OBSERVATIONS:

### Plant & Machinery:

1. The project is only in a planning stage.
2. The company has informed that the Production Capacity of the plant will be 1000 Mt/Month.
3. For the purpose of cost vetting of machines, we have been provided with the list of the machines and quotations.
4. Machines list includes imported and domestic machines both.
5. As per discussion with the company, the main foam making machine is having 1000 MT production capacity. However, its auxiliary parts and equipment are being purchased for estimated production capacity of 400 MT/month. Bank to take note of this.  
Both the main machine as well as its major auxiliary parts are proposed to being procured from foreign suppliers.
6. Orders of the machines have not been placed yet.
7. We have checked about the supplier companies for which quotations have been shared, which appears to be reputed and renowned suppliers for such type of machines as per information available on the public domain.
8. As per discussion with the company, main process machine
9. The range of current market rates of the main process machines type of machinery & equipment's can't be ascertained specifically since these are highly specialised nature of machines which are custom built to client and knowing the price will require specific





technical specifications and other host of information which are not available with us. Therefore, the cost vetting of machineries has been done based on the copies of quotations provided to us by the company and gathering information about the companies dealing in such type of products from various sources in public domain.

10. As per the copy of final quotation shared with us for Foam machine (1000 MT per month Capacity) being procured from Germany amounts to 13,00,000/- Euros. Based on our general research in the public domain the similar machine might cost lesser than its German counterpart if purchased from China due to cheap manpower and low production costs in China. Clarification in this regard was sought from the company. Accordingly, the company informed that the German make "Hennecke Polyurethane Technology" foam machine is more productive and technically advanced than its Chinese counterpart. Therefore, the main foam machine is being purchased from Hennecke Polyurethane Technology, Germany.
11. Considering the type of industry and general specifications of the auxiliary machines which are proposed to be purchased from China it was observed that the similar auxiliary machines might also be available in Germany from the same supplier as that of Foam machine. The analysis was discussed from the company. Accordingly, it was informed to us that the auxiliary machines used in the plant are Chinese make because it is economical to purchase these auxiliary machines from China instead of Germany and thus contributes to cost savings in the project and since these are just auxiliary machines, so will not affect much the overall utilization and productivity.
12. We have tried to verify the quotations of the auxiliary machines as well which are proposed in this plant. However, the machines are ordered based on the specific usage and specifications and will be custom made according to the main process machine, therefore generally it is not possible to fetch the current market quotation of the machines with same type and specifications. However, suppliers are checked which appears to be genuine for supplying such range of products and machines.
13. In this certificate, we have considered the value only for the main machineries as listed to us by the company. If any other need based auxiliary items / software's/ Machine is purchased or ordered by the company which revises the quotation amount then the analysis of same is out of our scope of work. Due to this, there might be major differences in some items at the time of project implementation.
14. Price of Domestic machines given in the quotations were verified from the public domain and the same were found to be in the similar range as per the copies of quotations provided by the company.



15. We have done some secondary research on public domain for similar kind of projects. According to our secondary research the current project cost as a whole appears to be in line with the industry standards.
16. If this certificate is used for lending purpose, then the concerned Bank is advised to take final purchase orders from the company as soon as they are signed.

#### **BUILDING & CIVIL WORKS:**

1. Building plan is not approved yet.
2. Only AutoCAD are prepared in respect to the building based on which the cost has been verified.
3. Area measurement details are considered from the AutoCAD drawings provided to us.
4. Cost vetting of civil construction cost has been done based on current applicable plinth area rates/Construction rates which are optimally suitable for construction works as per specification informed to us by the company.
5. Project is at a very nascent conceptual stage of implementation. No drawings/Architect/ Structural consultant is finalised as per latest update provided by the company. Therefore, the final scope of work after finalisation of drawings may increase or decrease the finalisation of construction contract amount.
6. Cost Vetting of Civil construction cost is done based on following information:
  - a. AutoCAD Conceptual plan of the project.
  - b. General specifications the structures proposed to be constructed at site as provided by the company.
  - c. Plinth area rates that logically seems applicable to the proposed general specifications of the building referring CPWD/ PWD and market rates.
7. Summary of Cost vetting analysis is attached below for reference. However. Detailed cost vetting is attached as annexure with this certificate.

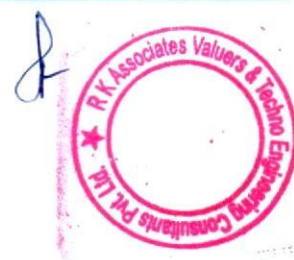
#### **Note:**

1. International currency fluctuation is not considered in our cost vetting.
2. Suppliers' due diligence has been done based on information of the supplier available in public domain and GST verification of the domestic suppliers.
3. Land requirement and details have not been considered and assessed if the same is appropriate for the built-up construction shown in the certificate for the purpose of cost vetting.



4. If this Certificate is used for Project funding, then concerned institution is required to check the adequate land availability as per the construction proposed which is considered in this certificate.

		PROJECT COST ASESMENT		
PARTICULARS	AMOUNT ESTIMATED BY COMPANY	AMOUNT ESTIMATED BY CONSULTANT	DIFFERENCE	REMARKS
Machine Costing	₹ 15,94,46,850.00	₹ 15,94,46,850.00	₹ 0.00	Machine costing has been analysed based on Copies of Quotation provided to us by the company as the company has already finalised its suppliers.
Building Costing	₹ 6,25,68,000.00	₹ 6,25,68,000.00	₹ 0.00	Building, Road, Parking, Compound wall and Main gate costing has been analysed based on Plinth area rates applicable at present considering the building specification provided to us by the company.
Road	₹ 20,01,600.00	₹ 25,02,720.00	-₹ 4,98,880.00	
Parking	₹ 10,00,000.00			
Compound Wall & Main Gate	₹ 46,00,000.00	₹ 45,00,000.00	-₹ 1,00,000.00	
Electrical Work	₹ 87,50,000.00	₹ 81,33,840.00	-₹ 6,16,160.00	1. The cost of electrical works seems to be on higher side. 2. The cost of electrical works have been condiered as approx. 13% of building cost. 3. Electrical works includes conduiting, wiring, switches and other small and ancilliary electrical works. 4. Special purpose elctrical works are not considered in our asesment.
Office Set-up	₹ 30,00,000.00	₹ 30,00,000.00	₹ 0.00	Office set up cost is considered same as given by the company only since we have not received any details of furnitures/Office equipments that are to be installed in the office. However the same seems fine for general purposed office furniture works.
Total (in INR)	₹ 24,13,66,450.00	₹ 24,01,51,410.00	-₹ 12,15,040.00	



Particulars	Area (Sq. ft.)	Amount as per Client	Amount as per RKA	Remarks
Building 1	21,000.00	₹ 2,10,02,000.00	₹ 2,10,02,000.00	<p>1. As per the construction cost quoted by the client the overall per sq. ft. construction cost comes out to approx. Rs. 1000 per sq. ft. The same is well within the industrial standards.</p> <p>2. The cost of Civil structure (RCC wall, RCC flooring, Foundation works etc. ), Widows &amp; doors and Fire &amp; electrical fitting works comes out to approximately Rs. 571 per sq. ft.. The same is well within the industrial standards.</p> <p>3. As per the tentative quantity of steel to be used in PEB structures as provided by the company, the steel requirement comes out to Approx. 3.36 kg per sq. ft. in this building which seems to be acceptable for such type of medium load structure. Accordingly, the Cost of PEB structure comes out to approx. Rs. 430 per sq. ft. The same is well within the industrial standards.</p>
Building 2	18,000.00	₹ 2,16,16,000.00	₹ 2,16,16,000.00	<p>1. As per the construction cost quoted by the client the overall per sq. ft. construction cost comes out to approx. Rs. 1200 per sq. ft. The same is well within the industrial standards.</p> <p>2. The cost of Civil structure(RCC wall, RCC flooring, Foundation works etc. ), Widows &amp; doors and Fire &amp; electrical fitting works comes out to approximately Rs.560 per sq. ft.. The same is well within the industrial standards.</p> <p>3. As per the tentative quantity of steel to be used in PEB structures as provided by the company, the steel requirement comes out to Approx. 4.8 kg per sq. ft. in this building which seems to be acceptable for such type of Medium to High Load plain structure. Accordingly, the Cost of PEB structure comes out to approx. Rs. 635 per sq. ft. The same is well within the industrial standards.</p>
Building 3	20,000.00	₹ 1,99,50,000.00	₹ 1,99,50,000.00	<p>1. As per the construction cost quoted by the client the overall per sq. ft. construction cost comes out to approx. Rs. 1000 per sq. ft. The same is well within the industrial standards.</p> <p>2. The cost of Civil structure(RCC wall, RCC flooring, Foundation works etc. ), Widows &amp; doors and Fire &amp; electrical fitting works comes out to approximately Rs.607 per sq. ft.. The same is well within the industrial standards.</p> <p>3. As per the tentative quantity of steel to be used in PEB structures as provided by the company, the steel requirement comes out to Approx. 3.47 kg per sq. ft. in this building which seems to be acceptable for such type of Low to Medium load structure. Accordingly, the Cost of PEB structure comes out to approx. Rs.400 per sq. ft. The same is well within the industrial standards.</p>
<b>GRAND TOTAL</b>	<b>59,000.00</b>	<b>6,25,68,000.00</b>	<b>6,25,68,000.00</b>	<b>The Building construction cost estimated by the company seems to be in line with the industry standards. As per our analysis the same is including the applicable GST.</b>







**Disclaimer:**

- a) *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 provided to us by the company and we don't recommend any sort of recommendation in our Certificate.*
- b) *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 item's 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.*
- c) *Land requirement and details have not been considered and assessed.*
- d) *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.*
- e) *The estimated cost verification is made based on the third-party information which has been replied upon in good faith.*
- f) *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.*
- g) *This certificate doesn't include any work related to drawing, design, sketch plan, procurement of the machines.*
- h) *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.*
- i) *This certificate is made at the request of the Company.*



**For R.K Associates Valuers & Techno  
Engineering Consultants (P) Ltd.**

**ANALYSIS BY:**

**Er. TEJAS BHARADWAJ AND Er. RAHUL GUPTA**



## ANNEXURE I

### CONSTRUCTION COST VETTING AND ELECTRICAL COST VETTING

FOAM BUILDING				
STRUCTURE	Building 1 (As per RKA)	Building 2 (As per RKA)	Building 3 (As per RKA)	Total (59,000 Sq. Ft) (As per RKA)
Civil Structure	88,62,000.00	75,96,000.00	84,40,000.00	₹ 2,48,98,000.00
Floor	18,90,000.00	16,20,000.00	18,00,000.00	₹ 53,10,000.00
Window and Door	2,00,000.00	1,00,000.00	2,00,000.00	₹ 5,00,000.00
PEB Structure	90,00,000.00	1,14,00,000.00	78,00,000.00	₹ 2,82,00,000.00
Firefighting works	10,50,000.00	9,00,000.00	17,10,000.00	₹ 36,60,000.00
Total (in INR)	₹ 2,10,02,000.00	₹ 2,16,16,000.00	₹ 1,99,50,000.00	₹ 6,25,68,000.00
Sq.Ft Price (In INR)	₹ 1,000.10	₹ 1,200.89	₹ 997.50	₹ 1,060.47

Electrical Works			
Particulars	Amount by Company	Our Assessment	Difference
HT-AVR 500 KVA	₹ 17,00,000.00	81,33,840.00	-6,16,160.00
LT Panel	₹ 15,00,000.00		
VCB	₹ 3,50,000.00		
Cabling	₹ 30,00,000.00		
Electrical Fitting	₹ 20,00,000.00		
Extra	₹ 2,00,000.00		
Total (in INR)	₹ 87,50,000.00	₹ 81,33,840.00	-₹ 6,16,160.00

**Note:** The Electrical cost has been considered as approx. 13% of Building Cost.



## ANNEXURE II

### MACHINERY COST VETTING

Foam Machine and Other Support Machines													
Sr. No.	Website Link	Machine Make/Seller	GST Check	Item/Machine	Specifications	Qty	Price (Euro)	Price (Dollar)	Price (INR)	Total (Euro)	Total (Dollar)	Total (INR)	OUR ASSESSMENT BASED ON QUOTATION (INR)
1	<a href="https://www.hennicke.com/">https://www.hennicke.com/</a>	Hennicke Polyurethane Technology	GST No. not regd. In India	Automatic Continue Foam Machine Production Line	(1)Length:4m (2)Effective Width:2400mm	1	1300000	-	-	1300000	-	-	€ 10,40,00,000.00
				SN-C4 Block Transfer Conveyor with Left and Right	(1)Length:12m (2)Effective Width:2400mm	1	-	7500	-	-	7500	-	€ 6,00,000.00
				SN-C12 12m Conveyor	(1)Length:63m (2)Effective Width:2400mm	1	-	6500	-	-	6500	-	€ 5,20,000.00
				SN-R63 Foam Rack System	(1)Length:21m (2)Effective Width:2400mm	2	-	80000	-	-	160000	-	€ 1,28,00,000.00
				SN-G32 Gantry System	(1)Length:31m (2)Effective Width:2400mm	1	-	119500	-	-	119500	-	€ 95,60,000.00
				SN-C30 30m Conveyor	(1)Effective Width:2400mm (2)Effective Height:1500mm	1	-	13800	-	-	13800	-	€ 11,04,000.00
				SN-R2.0 Block Cutting Machine (Fix)	(1)Cutting Width:2400 mm (2)Cutting Length:1300mm	1	-	17500	-	-	17500	-	€ 14,00,000.00
				SN-MC 582.0 Block Cutter With Conveyor and Side cutter	(1)Cutting Width:1.2-2.4m (2)Height:800mm (3)Cutting Height:1300mm	1	-	12800	-	-	12800	-	€ 10,24,000.00
2	There is no Dedicated Website for this supplier on public domain. Thus Verification of this supplier can't be done.	Boqi Shendhen Trading Co., Ltd. In India	GST No. not regd. In India	SN-LP2.0 Long Sheet Foam Cutting Machine (30m)	(1)Cutting Foam Width: W=2200mm (2)Cutting Foam Height: H 1300mm (3)Cutting Thickness:2~60 mm	1	-	22000	-	-	22000	-	€ 17,60,000.00
				SN-LP2.0 Long Sheet Foam Cutting Machine (30m)	(1)Cutting Width:2200mm (2)Length:31+1.5m roller conveyor (3)Height:400 mm	1	-	30000	-	-	30000	-	€ 24,00,000.00
				SN-V4.0 Vertical Foam Cutting Machine	(1)Inside Worktable Size:W1720xL2440mm (2)Baffle Height:H600mm (3)Cutting Height:H1200mm (4)Blade Length=L8700mm (5)Total Power:1.87KW	2	-	4500	-	-	9000	-	€ 7,20,000.00
				Joining and Counting roll machine	(1)Length:2150mm (2)Roll Thickness:5-50mm	1	-	5800	-	-	5800	-	€ 4,64,000.00
3	There is no Dedicated Website for this supplier on public domain. Thus Verification of this supplier can't be done.	G. S. Fabricator	GST verified	Tank	Tanks	-	-	-	-	-	-	6494850	€ 64,94,850.00
4	There is no Dedicated Website for this supplier on public domain. Thus Verification of this supplier can't be done.	Shilpi Engineering Concern	GST verified	Machine Platform	Machine Platforms	-	-	-	-	-	-	1300000	€ 13,00,000.00
5	There is no Dedicated Website for this supplier on public domain. Thus Verification of this supplier can't be done.	G. S. Fabricator	GST verified	Tank Valve and Pump	Tank Valve and Pump	-	-	-	-	-	-	7500000	€ 75,00,000.00
7	Industrial Water Chiller   Industrial Chiller Suppliers, Manufacturers (airtechcool.com)	Airtch Cooling	GST verified	Chiller for Chemical	Chiller for Chemical Water	-	-	-	-	-	-	63,00,000	€ 63,00,000.00
Total						14				Sub Total	13,00,000	4,04,400	-
										Total in INR	€ 10,40,00,000.00	€ 2,15,94,850.00	€ 15,79,46,850.00
												Transport	€ 15,00,000.00
												Grand Total	€ 15,94,46,850.00

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## ANNEXURE III

### SPECIFICATION PROVIDED BY COMPANY

Wed, Oct 19, 11:19 AM (13 days ago)

Rajat Rao <rajat@springfi.com>  
To me

PFA

Forwarded message

From: Rajat Rao <rajat@springfi.com>  
Date: Mon, Oct 17, 2022 at 11:11 AM  
Subject: Re: Quotation for a Valuation of M/s VarahaNuri Feenub Industries Pvt Ltd - VIS (2022-23)-PL370-Q087  
To: <ksa@rkassociates.com>  
Cc: Devendra Kumar Singh <devendra@springfi.com>, Savarash Savana <savarash.savana@springfi.com>, Kamal Kishor <kamal.kishor@springfi.com>

Dear Sir,

As per your conversation over the phone last week we are providing you the details you have asked.

1. Building 1 (28x74 Mtrs)  
- 3 Mtrs Height will be RCC and the rest will be PEB Structure  
- Building Height is 8 Mtrs  
- Floor Will be RCC

2. Building 2 (28x65 Mtrs)  
- 3 Mtrs Height will be RCC and the rest will be PEB Structure  
- Building Height is 8 Mtrs  
- Floor Will be RCC

3. Building 3 (28x67 Mtrs)  
- 3 Mtrs Height will be RCC and the rest will be PEB Structure  
- Building Height is 8 Mtrs (Building Height can change to 15 Mtrs in future if required)  
- Floor Will be RCC  
- It has the rack system on this PEB Structure due to Racking System Weight will be increased by 25-30 Tons.

The road has been conquered as Bond Brick  
Parking is just filling the land  
The compound Wall has been taken as 6 Ft. Height from the land  
Fire System has been taken with 5 Pump room Set and 200000 Ltrs of Storage Tank which is included in Civil Work.

Please feel free to ask any questions you have

Thank You





## ANNEXURE IV: COPIES OF QUOTATIONS

### QUOTATION 1: EXTRACTS OF HENNECKE QUOTATION



Varahamurti Flexirub Industries Pvt. Ltd  
Village-Gejha, Pargana  
Khasra No. 863, Meerut  
Uttar Pradesh, India- 250205

Christian Becker  
christian.becker@henneckeasia.com

2022-07-25

#### **Order Confirmation A0100-50312**

Dear Sir or Madam,

We thank you for your order which we are pleased to confirm as follows on the basis of our "General Terms and Conditions of Delivery"

#### **MULTIFLEX including FLAT TOP SYSTEM**



according to the following specification

Hennecke GmbH  
Birlinghovens Straße 30  
D-53757 Sankt Augustin  
Tel.: +49 (0) 2241 339-0 Fax: +49 (0) 2241 339-204  
E-Mail: info@hennecke.com Web: www.hennecke.com  
Registergericht: AG Siegburg, HRB 10005  
Steuernummer: 22257073796 USt-IdNr.: DE811138420  
Geschäftsführer: Rolf Trippler, Svend Weidemann, Thomas Wildt

#### **Bank details**

Commerzbank AG Bonn, BLZ: 380 400 07, Konto: 3322161  
BIC: COBADE3300, IBAN: DE40 3804 0007 0332 2161 00



**Your Order No.:** AGREEMENT

**Your Order from:** 2022-07-12

**Delivery adress:** Varahamurti Flexirub Industries Pvt. Ltd  
Village-Gejha, Pargana  
Khasra No. 863, Meerut  
Uttar Pradesh, India- 250205

**Invoice recipient:** Varahamurti Flexirub Industries Pvt. Ltd  
Village-Gejha, Pargana  
Khasra No. 863, Meerut  
Uttar Pradesh, India- 250205

**End Customer:** Varahamurti Flexirub Industries Pvt. Ltd  
Village-Gejha, Pargana  
Khasra No. 863, Meerut  
Uttar Pradesh, India- 250205

**VAT REG No.:**

**Quotation Number:** 00012887-001

**Hennecke Group-ID:** NM25HEN50312

**Net Amount:** 1.300.000,00 €

### 1 Delivery Time

**Time of Delivery (external)** 2023-09-15

### 2 Terms of Delivery

CIF Mumbai seaport  
incl. adequate packaging

### 3 Payment terms

10% upon conclusion of the contract

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20 % 60 days after the conclusion of the contract

For the remaining 70%, an irrevocable and confirmed L/C is to be opened free of charge for Hennecke and must be received by Hennecke within 3 months after the second (20%) advanced payment. The L/C is to be opened via a German bank, preferably the Commerzbank AG in Bonn.  
In the event that Hennecke does not receive the L/C by the agreed date, the delivery will be delayed accordingly.

30% to be paid 4 months after conclusion of contract

30% against shipping documents

10 % against acceptance certificate, but at the latest 6 months after delivery, against simple invoice

The invoice amount is due within 14 days of receiving the invoice, net





sector, telecommunication as well as transportation. In addition, a large number of other sanctions against Russia apply worldwide (e.g. on the part of the USA, UK, Canada, Switzerland, South Korea, Japan, Australia etc.) which are also observed by Hennecke. Before entering into any contract with us, please note that Hennecke will not participate in any way in activities that seek to circumvent or facilitate circumvention of the existing sanctions. If, during an ongoing project, the suspicion should substantiate or it should be clearly established that promised deliveries to the customer or to third parties serve to circumvent the above-mentioned Russian sanctions, Hennecke shall have the right to terminate the contract immediately and extraordinarily. In the event of such a termination, Hennecke shall retain the claim to the agreed remuneration, less the expenses saved as a result of the termination. The same applies to deliveries intended for use in Belarus.

We thank you for placing your order with us and assure you a careful completion of your order.

Best regards  
Hennecke GmbH

i.V.

Dr. Joachim Berthold  
Senior Director of Sales  
Slabstock, Moulded Foam and  
Refrigerated Appliance Lines

i.V.

Christian Becker  
Director Sales South East Asia/ India  
Slabstock Lines





## 5 Technical Specification

### 1 1 pc. **Big operating platform**

approx. width: 7.400 mm

The platform is a steel weldment. Stud plates cover the complete platform walkway. At the front of the platform, seen in foaming direction, two staircases are located. The platform walkways as well as the two stairs are secured by a railing. There is a direct connection to the catwalk of the tunnel. On the side of the platform the control and computer cabinet is installed.

### 2 **Machine Portal with Mixer Unit**

#### 2.1 1 pc. **Machine portal**

consisting of:

- 1 portal support, which is a torsion-resistant steel weldment.  
The mixer unit is located in the support centre.

#### 2.2 1 pc. **Mixer unit for the production of flexible slabstock foams**

consisting of:

- 1 frequency-controlled AC-motor driving the stirrer with temperature protection  
power: 25 kW at 5.000 rpm  
continuously adjustable stirrer speed range: 1.000-5.000 rpm  
The stirrer speed is computer controlled depending on the formulation.  
The actual value is displayed on the monitor.

**The following equipment is installed underneath the drive motor:**

- 1 chamber with the rotary shaft seal and leakage sealing system  
At a stirrer speed of 5000 rpm the rotary shaft seal is suitable for a max. mixing chamber pressure of 2,5 bar.  
The chamber has 3 ports:  
1 port for Polyol  
2 ports for Additives
- 1 mixing chamber with several connecting options  
The component ports are located on the following 2 levels:  
upper level: 4 ports for Isocyanates  
lower level: 4 ports for Additives  
**Please note:**  
The idle mixing chamber ports are closed by plugs.
- 1 mixing cylinder



## 6 Services

### Assembly, Commissioning and Training

For assembly and commissioning Hennecke will delegate the following staff:

- mechanical supervisor(s)
- electrical supervisor(s)
- electronic engineer(s)
- application engineer(s)

The number of staff, duration of their staying and their arrival depends on scope of supply and progress on site.

All this will be determined by the assembly, commissioning and training schedule. This schedule, together with all other information about this phase of project, will be provided by the project manager as soon as available after the official order confirmation.

Their arrival depends on the progress on site.

If visa or working permit is needed, the customer will support Hennecke in the application procedure. If Hennecke personnel do not get visa or working permit on time for reasons Hennecke is not responsible for, the time schedule will be adjusted accordingly.

The customer will provide staff for assistance of our supervisor.

If visa or working permit is needed, the customer will support Hennecke in the application procedure. If Hennecke personnel do not get visa or working permit on time for reasons Hennecke is not responsible for, the time schedule will be adjusted accordingly.

The assembly and electric installation will be performed by the customer in the presence of the Hennecke supervisors.

In the scope of work for commissioning, the following will be carried out in the timeframe determined by the assembly, commissioning and training schedule:

- Pumps will be calibrated according to the metering list.
- Foaming capability of the delivered scope of supply will be proven by foaming of two formulation per foam grade of customer's choice in connection with one foaming width e.g. standard foam in connection with density 20 kg/m<sup>3</sup> and one foaming width.
- If the delivered machine is capable of producing more than one foam type (e.g. standard, visco, CO<sub>2</sub>-foam or HR), two formulation in connection with one foaming width per foam type will be tested. If additional formulation tests are requested, this can be done if the timeframe allows it, otherwise the additional time will be invoiced separately
- In addition, Hennecke will provide production support / guidance / fine tuning based on the customer's foam production until the end of the above mentioned timeframe
- The quality of the foam which may be influenced by raw materials and/or weather conditions and/or similar influences will not impact and have no relevance for the evaluation of machine foaming capability since these factors are not connected to the machine performance; all further support needed to improve the foam quality can be discussed and may be available at additional cost
- The whole duration of the assembly, commissioning and training can be understood as theoretical and practical training of the customer's staff

The application engineer has to be supported by a chemist, in charge of formulations, and by a machine operator, in charge of operating the equipment throughout the commissioning phase.

The customer is encouraged to provide Hennecke with the formulations targeted for the commissioning in



## 9 General requirements

Customer has to check following data and has to inform Hennecke GmbH in case of changes.

### Declaration of conformity or incorporation

A declaration of conformity or incorporation is only issued for deliveries into the European Economic Area EEA (all EC countries as well as Norway, Iceland, Liechtenstein and Turkey.)

### Directive 2006/42/EC Machinery

deliveries without declaration

### Other national directives

not relevant

### Colours

<b>Movable parts</b>	RAL 1005 (Honey yellow)
<b>Fixed parts</b>	
Plant and machine components incl. hydraulic tanks	RAL 5015 (Sky blue)
Front sheathing	RAL 7035 (Light grey)
Drives	RAL 9005 (Jet black)
Protection Devices	RAL 1005 (Honey yellow)
Tank	RAL 9006 (White aluminium)
Control cabinets	RAL 7035 (Light grey)
Piping	without
Railings	zinc coated
Platforms	zinc coated
Cylinders	RAL 9005 (Jet black)
Heat exchanger	without

### Energy data

Type of current:	three-phase TN (System with a directly earthed point in the generator / transformer (star point in a three – phase system). This point is not connected to the protective earth conductor (PE)) <b>For systems in USA: For use on a solidly grounded wye source only, 480Y/277V</b>
Type of power:	
Frequency:	50 Hz (Standard)
Number of phase conductors:	3
Voltage between 2 phase conductors/ voltage between phase cond. and neutr. conductor:	400 V/ 230 V
Voltage deviations:	<= 10 %
Neutral conductor (N) loadable: disconnection of the neutral conductor required:	Yes  No
air humidity:	max. 80 %
Compressed air:	standard: 5-10 bar quantity by design (layout) -24 °C (Tanks) -3 °C (pneumatic elements)
Dew point of compressed air:	max. 1000 m above sea level
Elevation:	18-30 °C
Ambient temperatur in the hall (min./max.):	
Remote Service Router (RSR):	No

**Machine / plant labeling:** symbols and English language

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**QUOTATION 2: COPY OF SALES CONTRACT WITH BOQI SHENZHEN TRADING CO. LTD.****BOQI SHENZHEN TRADING CO.,LTD**

1712 YAXINJU BUILDING BAOAN ROAD LUOHU DISTRICT SHENZHEN CHINA

Tel: 86-755-82661645

Z.P:518000

**SALES CONTRACT**

SN




Buyer: **NITIN GUPTA**Seller: **BOQI SHENZHEN TRADING CO.,LTD**

2022-9-1

**A. CONTENT**

FOAM MACHINE					
No.	Item Model	Technical Specifications	Q.T.Y	PRICE (USD)	TOTAL PRICE (USD)
1	SN-MFM2400 Automatic continue Foam Machine Produced-line (28 Groups) 	(1)Oven Length: 24M (2)Foam Height: Max 1.3M (3)Foaming Width: 1.25-2.4M (4)Foaming density: 10-80KG/M³ (5)Linking Conveyer Belt Length: 24M (6)Side Board Adjustable Width: 1.2-2.4M (7)Conveyer Belt Speed: 2.5-7M/MIN (8)Total Output: 100-350L/MIN (9)Total Power: About 180KW (10)Pump:Viking and Japan (11)Material detail show in accessories (12)Block cutter: Up and down, (13)Cooling system with tank temperature control system (14)Tank and Piping system (15)Foaming temperature system. Main parts specification and explanation is shown in accessories	1set	\$471000	\$471000
	Electric flowmeter system (option)	(1)MDI, TDI, MC,Water. (2)Automatic flow control system	1set	\$19500	\$19500
	SN-C4 BlockTransfer conveyer with left and right system(option) 	(1)Length:4m (follow design) (2)Effective Width:2400mm (3)Roller: Φ 76*2400mm (4)Power roller: Φ 162mm (5)Roller distance:500mm(centre to centre) (6)Belt:250mm*5pcs. (7)Frame design(attachment) (8) power:0.75kw (9)Control :(inverter) (10)Max speed:35m/min (11)Synchronization with foaming conveyer. (12)Left and right system:0.75kw (13)Connect to foaming machine block cutter	1set	\$7500	\$7500



SN-C12 12m conveyor 	(1)Length:12m (2)Effective Width:2400mm (3)Effective height:1500mm (4)Roller: $\phi$ 76*2400mm (main conveyor using outside bearing) (5)Power roller: $\phi$ 162mm (6)Roller distance:500mm(centre to centre) (7)Belt:250mm*6pcs. (8)Frame design(Follow customer size) (9)Control :inveter (10)connect to foaming machine Block cutter	1set	\$6500	\$6500
SN-R63 Foam Rack system 	(1)Length:63m (2)Effective Width:2400mm (3)Effective height:1350mm (4)Roller: $\phi$ 76*2400mm (5)Power roller: $\phi$ 162mm (6)Roller distance:500mm(centre to centre) (7)Belt:250mm*6pcs. (8)Frame design(attachment) (9)Each floor power:3.7kw (10)Control :(inveter+PLC) (11)Four floors (12)Max speed:45m/min (13)Synchronization with foaming conveyer.	8set	\$85680	\$685440
SN-G32 Gantry system 	(1)Length:32m (2)Effective Width:2400mm (3)Rail:1.5kg/m,36m,2sets.electric Conduction:3 in 1 with cover.:54m (4)Roller: $\phi$ 76*2400mm (5)Power roller: $\phi$ 162mm(outside bearing) (6)Roller distance:500mm(centre to centre) (7)Belt:250mm*6pcs. (8)Frame design(Follow deisgn) (9) Power and reducer:3.7kw (10)Control :Inveter+PLC (11)Max speed:Max45m/min (12)Up and down system:5T*2sets (13)Moving speed:Max:20m/min (14)With inclosed side (15)Control system: SiemensPLC+computer	1set	\$119500	\$119500
SN-C30 30m conveyor 	(1)Length:31m (2)Effective Width:2400mm (3)Effective height:1500mm (4)Roller: $\phi$ 76*2400mm (main conveyor using outside bearing) (5)Power roller: $\phi$ 162mm (6)Roller distance:500mm(centre to centre) (7)Belt:250mm*6pcs.	1set	\$13800	\$13800



	(8)Frame design(Follow customer size) (9)Control :inverter (10)connect to Block cutter			
SN-B2.0 Foam Block cutting machine (fix) 	(1) Cutting width:2400mm (2) Cutting height:1300mm (3) Connect with SN-C30 conveyor. (4) Auto cutting and calculate length. (5) Cutting long block into short block.	1 set	\$17500	\$17500
SN-MC-SB2.0 Block cutter with conveyor and side cutter 	(2)cutting width:1.2-2.4m (3)height:800mm (4)Cutting height:1300mm (5)Trimming cutting: electric adjust 1200-2400mm width. Cutting height:1300mm, (6)Grip guider: electric control:1200-2400mm	1set	\$12800	\$12800
SN-LP2.0 Long Sheet Foam Cutting Machine (30m) 	(1)Cutting Foam Width: W=2200MM (2)Cutting Foam Height: H1300MM (3)Cutting Thickness: 2~60MM (4)Treading Speed: 0-80M/MIN (5)Blade Length: L=8300MM (6)Total Power: 7.12KW (7)Transducer: (8)Automatic collection system (9)Side cutter system Spare parts: 3 PCS of blades,4 PCS of grinding wheels, 1 set of maintain tool.	1 set	\$22000	\$22000
	(1)Cutting width:2200m (2) length:31m+1.5m roller conveyor (3) heigh:400mm (4)Speed: 20m/min (5)Power:1.5KW*1 (6)Full belt conveyor:Width 2200mm,Length:31m,thickness 5mm, (7)Rail and electric conductor:34m	1 set	\$30000	\$30000
SN-C7.0 Foam Auto Carrousel Cutting Machine with	(1) Max Cutting size : L2000xW2400mm (2) Cutting size:1800x2000mm(6pcs),1000*2000mm(10pcs) (3)Cutting Height: 1300mm (4)Cutting thickness: 2-200mm	1 set	\$23800	\$23800





	(5)Worktable size: Dia 7m (6)Total Power: 8.19KW (7) Inveter adjust speed. (8)Up and down system: ball screw (9)Cutting speed:0-4R/min (10)Dust collection system (11)Vacuum system:5.5kw Spare parts: 3 PCS of blades,4 PCS of grinding wheels, 1 set of maintain tool			
SN-V4.0 Vertical Foam Cutting Machine 	(1)Inside Worktable Size: W1720xL2440MM (2)Outside Working Size: W2000xL2440MM (3)Baffle Height: H600MM (4)Cutting Height: H1200MM (5)Blade Length: L=8700MM (6)Total Power: 1.74KW (7)Worktable using pure aluminum (8)With dust collection system :1.1kw (9)Machine size:L4550*W4200*H2520mm Spare parts: 3 PCS of blades,4 PCS of grinding wheels, 1 set of maintain tool.	2set	\$4500	\$9000
Joining and counting roll machine 	(1) Length:2150mm (2) Joining thickness:5-50mm (3) Roll counting machine: roller 220mm diameter ,two pcs. (4) Counter: Japan	1set	\$5800	\$5800
TOTAL (FOB)			\$1444140	

#### B. Open BANK information:

Company's name: BOQI SHENZHEN TRADING CO.,LTD

ADDRESS: 1712 YAXINJU BUILDING BAOAN ROAD LUOHU DISTRICT SHENZHEN CHINA

ACCOUNT(USD): 11014490019102

BANK: PING AN BANK

BANK ADDRESS: PING AN BANK BLDG. 1099 SHENNAN RD. C. SHENZHEN 518031, CHINA

SWIFT: SZDBCNBS

#### C. Marks:

- According to seller's standard designed drawing diagram to arrange the production and examination.
- After shipment ,one to four technician will sent by seller in which country buyer would like..
- The turn-round tickets fee, vise fee, \$80 per day of evecton fee and hotel accommodation are in charge of buyer.
- Payments: 30% () will be paid after the contract is confirmed,  
70%() will be paid before shippment(The bank charges for buyer's account).
- Delivery forms:CIF
- Voltage: all the equipments are: 415V, 50HZ, 3P
- Delivery date: 150 days(after we got the deposit).
- Package: paper & film
- All the machines maintain for one year,if the damages caused by machine itself,excluding the man-made accidents, the broken parts offered by seller in free of charge,but the transport cost for buyer's account.
- When the buyer do not pay all the payment of the contract to the seller ,the ownership of the goods in the contract are still belong to the seller. Any issue should be negotiated by two parties, if can not negotiate well ,will be arbitrated, if the arbitration is still not ok ,then be arbitrated by the district court of seller.



11. This contract subscribed two sets ,each party one set ,the contract will become effective on the date of signature and stamp.(The faxes are valid)
12. pls note that seller have US dollars open bank above only. If you get another bank information, pls check and contact to us.

**Buyer: NITIN GUPTA**

**Commissary:**

**Address:** Springfit Mattresses, 419,K.M.Trade Tower, (Hotel Radisson Blu),Sec-14, Kaushambi, Ghaziabad-201010

**TEL:** + 91 9560607269

**FAX:**

**E-Mail:** nitin@springfit.com

**Seller:BOQI SHENZHEN TRADING CO.,LTD**

**Commissary: wu genlin**

**Address:**

**TEL:** +86-15019091933

**FAX:** +86-769-23181990

**E-Mail:** eamon@sienmachine.com



### QUOTATION 3: COPY OF QUOTATION BY G.S. FABRICATOR

**GST NO: 09AWTPS6680H1ZJ**

## QUTATION

**G  
S F G. S. Fabricator  
F**

**Specialist.In :** Pipe Line, Chemicals, Fire & Safety Fabrication and Pipe Line,  
MS And SS Foaming Chemical Tanks

Office: PLOT NO.136, Ecotech 2, Grater Noida, G.B. Nagar (U.P) Ph:-8527762887  
Mob: 9811164934, E-Mail: [gsfabricator803@gmail.com](mailto:gsfabricator803@gmail.com)

**KINDLY ATTN:- MR. RAJAT RAO.**

S.N O	DESCRIPTION	QTY	RATE	TOTAL
1:-	15 TON CAPICITY POLYOL PURE MS TANK SUPPLY. CELL DISCEND THICKNESS- 10MM, CELL THICKNESS- 8 MM, LEG 4 NOS, MEN HOLE 500 DIA AND NOZZEL ETC.	2 NOS	2,92,00 0/-	5,84,000 /=
2:-	12 TON CAPICITY POLYMER POLYOL MS TANK SUPPLY. CELL THICKNESS- 6MM, DISCEND- 8 MM THICK, LEG 4 NOS, MEN HOLE 500 DIA AND NOZZEL ETC.	1 NOS	2,54,00 0/-	2,54,000 /=
3:-	10 TON CAPICITY POLYMER SPECIAL MS TANK SUPPLY. CELL THICKNESS- 6MM, DISCEND- 8MM THICK, LEG 4 NOS, MEN HOLE 500 DIA AND NOZZEL ETC.	1 NOS	2,18,00 0/-	2,18,000 /=
4:-	10 TON CAPICITY POLYOL VISCO TANK SUPPLY. CELL + DISCEND - 8MM THICK, MEN HOLE- 500 DIA, LEG 4 NOS, AND NOZZEL ETC.	1 NOS	2,18,00 0/-	2,18,000 /=
5:-	20 TON CAPICITY POLYOL FILLAR MS TANK SUPPLY. DIA- 3MTR, CELL- 7 MTR, DISCEND- 8MM THICK, CELL- 6MM THICK, , MEN HOLE- 600 DIA.	1 NOS	6,70,00 0/-	6,70,000 /=
6:-	10 TON CAPICITY POLYOL FILLAR MS TANK SUPPLY. DIA- 3MTR, CELL- 7 MTR, DISCEND- 8MM THICK, CELL- 6MM THICK, , MEN HOLE- 600 DIA.	1 NOS	5,50,00 0/-	5,50,000 /=
7:-	5 TON CAPICITY FR TANK SUPPLY. CELL THICKNESS- 8MM, DISCEND- 8MM THICK, MEN HOLE 500 DIA, LEG 4 NOS ETC.	1 NOS	1,87,00 0/-	1,87,000/ =
8:-	15 TON CAPICITY TDI MS TANK SUPPLY. DIA- 3MTR, CELL- 7 MTR, DISCEND- 8MM THICK, CELL- 6MM THICK, , MEN HOLE- 600 DIA.	1 NOS	3,27,00 0/-	3,27,000/ =





<b>9:-</b>	3 TON CAPACITY MCL TANK SUPPLY. CELL THICKNESS- 8MM, DISCEND- 8MM THICK, MEN HOLE 500 DIA, LEG 4 NOS ETC.	1 NOS	1,31,00 0/-	1,31,000/ =
<b>10:-</b>	2 TON CAPACITY MCL TANK SUPPLY. CELL THICKNESS- 6MM, DISCEND- 8MM THICK, MEN HOLE 500 DIA, LEG 4 NOS ETC.	1 NOS	1,01,85 0/-	1,01,850/ =
<b>11:-</b>	50 TON TDI TANK MS TANK SUPPLY. DIA- 3MTR, CELL- 7 MTR, DISCEND- 8MM THICK, CELL- 6MM THICK, , MEN HOLE- 600 DIA.	2 NOS	7,35,00 0/-	14,70,00 0/=
<b>12:-</b>	50 TON POLYOL TANK MS TANK SUPPLY. DIA- 3MTR, CELL- 7 MTR, DISCEND- 8MM THICK, CELL- 6MM THICK, , MEN HOLE- 600 DIA.	2 NOS	6,97,00 0/-	13,94,00 0/=
<b>13:-</b>	300 LTR SS 304 PRESSURE COLOUR TANK.	4 NOS	70,000/-	2,80,000/ =
<b>14:-</b>	500 LTR SS 304 PRESSURE BLOCK COLOUR TANK.	1 NOS	1,10,00 0/-	1,10,000/ =
			<b>TOTAL</b>	<b>64,94,85 0/=</b>

**Note**

**1:- 50% ADVANCE AND BALANCE 50% BEFORE DISPATCH OF TANK.**

**2:- TAX EXTRA APPLICABLE.**

**G .S FABRICATOR**

**GULAB SHARMA**



#### QUOTATION 4: COPY OF QUOTATION OF SHILPI ENGINEERING

SSI Regn. No.B/20/56/02384/PMT/SSI/08  
GST NO.09ACMPP6884H2ZR  
MAIL ID- poddar.raju@gmail.com

MOB-9811513256

### **SHILPI ENGINEERING CONCERN**

S-34, South Of G.T. Road, Ind. Area, Ghaziabad

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*Engineers ,Quality Fabricators & Contractors*

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02.08.2022

Ref.No.....

Date.....

VARAHMURTI FLEXIRUB INDS. PVT. LTD  
VILLAGE-GEJHA,PARGANA TEHSEEL-MEERUT  
UP-250205.

KIND ATTN: MR. RAJAT RAVI

Subject:- Offer for fabrication of Operating platform for foaming Unit

Dear sir,

We take pleasure in thanking you for the kind enquiry made to our unit and discussions relating to fabrication as per Henneke's drawings.

We are pleased to submit our offer based on drawings,available with us as per enclosed sheet, and would like to inform you that some sections as required in drawing are not available in our market including NCR, we will be compelled to use the approximate equivalents available , if you so permit. The same sections used in other platforms as well.

As the pipe fittings as shown in drawings for railings are also not usually available, we will try to obtain the same , but if incase, the same are not available , these will again be done with fabricated fittings as was done for other companies.

Our terms and conditions are also enclosed as per enclosed sheet.

We are confident, you will find the same in order, and we now look forward to hear from you.

Thanking you and in the meantime assuring you of our best services. We remain,

Yours faithfully

FOR- SHILPI ENGINEERING CONCERN

R.K.PODDAR  
PROP.

Encl. as above



02.08.2022  
ANNEXTURE-1

**SHILPI ENGINEERING CONCERN**

Fabrication and supply of platforms for Henneke's foaming unit as per their drawings

**Rate (Rs.)**

1. HENNEKE'S FOAMING MACHINE TOP PAPER PLATFORM AS PER  
Drawing no. O K 0807 - 131- 800  
INCLUDING FABRICATION, SUPPLY,PAINTING

3,50,000.00 each

1. HENNEKE'S FOAMING MACHINE SIDE PAPER PLATFORM AS PER  
Drawing no. O K 0807 - 133- 800  
INCLUDING FABRICATION, SUPPLY,PAINTING

3,70,000.00 each

1. HENNEKE'S FOAMING MACHINE PAPER ENTRY PLATFORM AS PER  
Drawing no. O K 0807 - 134- 800  
INCLUDING FABRICATION, SUPPLY,PAINTING

80,000.00 each

1. HENNEKE'S FOAMING MACHINE TOP PAPER GUIDE PAPER PLATFORM  
AS PER Drawing no. O K 0807 - 130 - 801  
INCLUDING FABRICATION, SUPPLY,PAINTING

60,000.00 each

1. HENNEKE'S FOAMING MACHINE OPERATING PLATFORM AS PER  
Drawing no. O K 0307 - 121- 801  
INCLUDING FABRICATION, SUPPLY,PAINTING

4,10,000.00 each

Terms and conditions.

Price Basis-- Ex our works

Taxes -GST as per prevailing rates at the time of despatch

delivery- supplies within 10-12 weeks from the date of receipt of confirmed order with advance

Payment-60% advance alongwith order, 40% against delivery

Inspection- Material, fabrication at our works

Price Escalation- As the markets have been very volatile for the last year, our offer is  
subjected to this clause and can be discussed at the time of finalising the order

Validity- 15 days

**QUOTATION 5: EXTRACTS OF COPY OF QUOTATION OF AIRTECH COOLING**





## Airtech Cooling

Process (Pvt.) Ltd

(An ISO 9001:2015 Certified Co.)

**CORPORATE OFFICE:**

145, Type-A, HSIDC, Sector-31, Faridabad

**Tel:** 0129-4177211, 4177212, 4045736

**Fax:** 0129-4177213

**E-mail:** airtechdelhi@yahoo.com

info@airtechcool.com

**Website:** www.airtechcool.com

Ref: ACPPL/SK/VFIPL/2200803

Date: 03.08.2022

M/s Varahamurti Flexirub Industries Pvt Ltd  
Meerut

Kind Attn: Mr. Rajat,

**Sub: Your Requirement for Supply of "Airtech" Make Air Cooled Chilling Plant**

Dear Sir,

We thank you very much to the courtesy extended with the under signed over telephone in connection with the above mentioned subject job.

During the discussion, we come to know that our requirement is "Air Cooled Chilling Plant". In this system we are offering you **Emerson/Danfoss/ Equivalent** make scroll compressor, Shell and tube type Airtech make Chiller, Fins & tube type Airtech make Condenser with all necessary items & safety control equipment's. We confirm you that we can cater your requirement as per discussion.

The above offered process chiller will be test run at our factory before

dispatch. Please find the enclosed offer details as per the following

annexure:

<b>Annexure I</b>	:	<b>Unmatched Quality of Airtech.</b>
<b>Annexure II</b>	:	<b>Our Valuable Clients.</b>
<b>Annexure III</b>	:	<b>Technical Data &amp; Price Schedule.</b>
<b>Annexure IV</b>	:	<b>Terms &amp; Conditions.</b>

We hope the same you will suitable as per your requirement and finalize your order at the early date & place on us.

Thanking you and assuring you of our best services at all times.

Your Faithfully,

**For Airtech Cooling Process Pvt. Ltd.**

**S K Kathuria**  
**+91-9350511679**



**TECHNICAL DATA: -**
**ANNEXURE-II**

1.	Model	AS06F185T
2.	Input Power Supply	415 V, 3 PH, 50 HZ
3.	Inlet Temperature to Chiller	16 °C+/- 2
4.	Outlet Temperature from Chiller	12 °C+/- 2
5.	Fouling Factor	0.0001
6.	Design Ambient Temperature	45 °C
7.	Type Of Plant	Air Cooled
8.	Circuit	Turple
9.	First Charge of Refrigerant	R-22
10.	Compressor Type Power Input	Emersion/Danfoss / Equi Scroll 17.9 Kw (Each)
11.	Evaporator Type Tube MOC	Airtech Dx Type Shell & Tube Type Copper
12.	Motor	Totally Enclosed Refrigerant Cooled
13.	Condenser Type Tube MOC  Fin MOC	Airtech Fin & Tube Type Copper  Al
14.	Panel(Type) Short Circuit/Overload Protection for all Motors	Unit Mounted Schneider/Minilec
15.	Chilled Water Tank Chilled Water Tank Material	Airtech SS304
16.	Drain/Over-Flow/Make Up Size	15 Mm
17.	PumpType Pump Make	Monobloc Kirloskar/Equi
18.	Powder Coated GI Enclosure	Airtech
19.	Micro Processor Thermostat Exp. Valve Liquid Line Drier LP/HP Cutout Over Load Protection Water Level Controller MCBS	Airtech Danfoss Danfoss Danfoss Minilec/Schneider Schneider/Siemens/L&T
20.	Heating Arrangement	Airtech Scope



### **CHEMICAL COOLER:**

- **TDI Cooler**

1.	Heat Exchanger	1 No
2.	Initial Temp	35 Deg. C
3.	Final Temp	20 Deg. C
4.	Mass Flow Rate	6.0 Mtr
5.	Pressure Drop In Cooler	1.0 Kg/cm <sup>2</sup>

- **Pure Polyol Cooler**

1.	Heat Exchanger	1 No
2.	Initial Temp	35 Deg. C
3.	Final Temp	20 Deg. C
4.	Mass Flow Rate	6.0 Mtr
5.	Pressure Drop In Cooler	1.0 Kg/cm <sup>2</sup>

- **Filled Polyol Cooler**

1.	Heat Exchanger	1 No
2.	Initial Temp	35 Deg. C
3.	Final Temp	20 Deg. C
4.	Mass Flow Rate	6.0 Mtr
5.	Pressure Drop In Cooler	1.0 Kg/cm <sup>2</sup>

- **Polyester Polyol Cooler/Viscus Poly Cooler**

1.	Heat Exchanger	1 No
2.	Initial Temp	35 Deg. C
3.	Final Temp	20 Deg. C
4.	Mass Flow Rate	6.0 Mtr
5.	Pressure Drop In Cooler	1.0 Kg/cm <sup>2</sup>

### **PRICE SCHEDULE:**

- Price of Air Cooled Water Chilling Plant shall be **Rs. 63,00,000.00**

(Rs. Sixty Three lacs only)

For Airtech Cooling Process Pvt. Ltd.





**TERMS & CONDITIONS**

**ANNEXURE-IV**

1.	Dispatch	Ex-works, Faridabad										
2.	Delivery	6-8 months from the date of receipt of your firm order along with advance										
3.	Payment	50% advance along with order and balance before delivery of equipments against Proforma Invoice										
4.	GSST	Extra @18%										
5.	GST No.	06AAGCA9052M1ZD										
6.	Warranty	<p>Subject to the terms of payment agreed upon being punctually complied with and the equipment being generated properly, the equipment supplied by us carries a warranty against defective materials or workmanship for a period of 12 months from the date of installation of the chilling plant or 16 months from the date of delivery, whichever is earlier.</p> <p>We agree to repair/replace such parts which may prove defective and which don't fail from neglect or misuse or faulty operation. Our decision whether to repair or replace such parts shall be final. Insurance charges on such repaired or replaced parts will be borne by the customer. No charges will be made by us for work involved in the repair or replacement of defective parts during the warranty period.</p>										
7.	Freight	Extra										
8.	Packaging/ Forwarding	Extra @ 3%										
9.	Insurance	Extra										
10.	Erection	Inclusive										
11.	Account No.	<table><tr><td>Bank A/c Name</td><td>Airtech Cooling Process Pvt. Ltd.</td></tr><tr><td>Account No.</td><td>65171116074</td></tr><tr><td>Name Of Bank</td><td>State Bank of India</td></tr><tr><td>Bank Address</td><td>SCF 42, Huda Market, Part-II, Sec-19, Faridabad</td></tr><tr><td>IFS Code</td><td>SBIN0051172</td></tr></table>	Bank A/c Name	Airtech Cooling Process Pvt. Ltd.	Account No.	65171116074	Name Of Bank	State Bank of India	Bank Address	SCF 42, Huda Market, Part-II, Sec-19, Faridabad	IFS Code	SBIN0051172
Bank A/c Name	Airtech Cooling Process Pvt. Ltd.											
Account No.	65171116074											
Name Of Bank	State Bank of India											
Bank Address	SCF 42, Huda Market, Part-II, Sec-19, Faridabad											
IFS Code	SBIN0051172											
12.	Facilities at Sites	Covered working space with power connection near to work site, water allied structure lifting tools and tackles, welding gas, cutting facility and over times permission, accommodation to our staff.										
13.	Exclusion	All civil work of equipment make up and drain connection, cutting away holes foundation, earthing main connection to our panel, grouting. Any other items not specifically mentioned, but found necessary at the times of Installation. All type of Piping shall be provided at your end.										

For Airtech Cooling Process Pvt. Ltd.



## **QUOTATION 6: COPY OF QUOTATION OF GS FABRICATOR FOR TANK PUMP AND PIPES**

GST NO: 09AWTPS6680H1ZJ

### **QUOTATION**

#### **G. S. Fabricator**

Specialist. In: : Pipe Line, Chemicals, Fire & Safety Fabrication and Pipe Line,  
MS And SS Foaming Chemical Tanks

Office: PLOT NO.136, Ecotech 2, Greater Noida, G.B. Nagar (U.P) Ph:-8527762887

Mob: 9811164934, E-Mail: [gsfabricator803@gmail.com](mailto:gsfabricator803@gmail.com)

KINDLY ATTN:- Varahamurti Flexirub Industries Pvt. Ltd., Meerut.

Sl. No.	Item Name	Qty	Unit	Price	Total
1	Chemical Pump with 2280 LPM at 56 MWC. The pump shall be coupled to a TEFC motor of suitable HP with the speed of 2900 RPM and the complete set shall be mounted on the common base frame	13	Nos	255000	3315000
2	MS Pipe for Chemical Movement 100 MM Jindal	1448	Mtrs	1240	1795520
3	MS Pipe for Chemical Movement 80 MM Jindal	725	Mtrs	970	703250
4	MS Pipe for Chemical Movement 150 MM Jindal	480	Mtrs	1910	916800
5	MS Pipe for Chemical Movement 25 MM Jindal	970	Mtrs	450	436500
6	MS Pipe for Chemical Movement 25 MM Jindal	220	Mtrs	640	140800
7	Extra accessories (Valves, Coating, Angles)	1	Nos	200000	200000
Grand Total					7507870

#### **Note**

1:- 50% ADVANCE AND BALANCE 50% BEFORE DISPATCH OF PUMP.

2:- TAX EXTRA APPLICABLE.

3:- THIS PRICE IS ONLY VALID FOR 30 DAYS.

G .S FABRICATOR

GULAB SHARMA

