

REPORT FORMAT: CL-1 | Version: 1.0_2018

FILE No.: VIS(2022-23)-PL492-395-685

Date: 12-12-2022

- CERTIFICATE NAME:** Cost Vetting Certificate of the Project cost for proposed expansion of second line for manufacturing of the ductile iron cast auto parts and CNC machine by the company for the proposed manufacturing capacity of 16200 TPA for ductile iron cast auto parts
- PREPARED FOR ORGANIZATION:** State Bank of India, IFB Branch, Kolkata
- BORROWER COMPANY'S NAME:** M/s. Shakambhari Overseas Trades Private Limited
- ASSET TYPE:** Machines & Infrastructure required for manufacturing of Ductile Cast Iron Casting for automobile industry.
- CURRENT LOCATION OF THE MACHINES:** Proposed to be installed at Raturia Industrial Area, Angadpur, Durgapur, District East Burdwan, West Bengal - 713215.

TO WHOMSOEVER IT MAY CONCERN

S. NO.	PARTICULARS	DESCRIPTION
1.	Date of Survey	Survey was not conducted as all the assets is proposed to be installed/ built at the site.
2.	Date of Certificate	12.12.2022
3.	Documents provided for perusal	a. TEV Report b. Copy of quotations of machines proposed to be installed
4.	Current Location of the Machines	Proposed to be installed at Raturia Industrial Area, Angadpur, Durgapur, District East Burdwan, West Bengal - 713215.
5.	Borrowing Company	M/s. Shakambhari Overseas Trades Private Limited
6.	Type of Asset	Machines & Infrastructure required for manufacturing of Ductile Cast Iron Casting for automobile industry.

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

7.	Type of Assessment	Cost vetting
8.	Scope of Assessment	Project cost vetting of second line for manufacturing of the ductile iron cast auto parts and CNC Machines
9.	Nature of Machinery	Machines for manufacturing of Ductile Cast Iron Casting for automobile industry.
10.	Year of Manufacturing	Plant is yet to be installed.
11.	Total Project Cost	Proposed Project Cost is Rs.75.62 Crores as per the TEV Report.
12.	Approved Cost vetted by RKA	~Rs.75.17 Crores
13.	Approved cost basis	Based on market rates and documents, information submitted by the company. For detailed justification please refer the calculation sheets below.

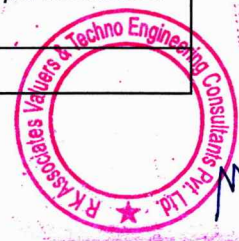


SUMMARY SHEET

SUMMARY			
Sr. No.	Description	Proposed Cost (INR)	Vetted Cost (INR)
		As per TEV	As per RKA
1	Construction / Civil work	₹ 8,25,00,000	₹ 8,02,63,316
2	Plant & Machinery	₹ 49,07,00,000	₹ 49,07,00,000
3	Miscellaneous Fixed Assets	₹ 6,25,54,000	₹ 6,02,30,000
4	Contingency, Margin Money for working capital, Preliminary & Pre-Operative Expenses	₹ 12,05,00,000	₹ 12,05,00,000
TOTAL		₹ 75,62,54,000	₹ 75,16,93,316

Notes:

1. Vetting is done based on market trend for similar kind of foundry through which we have found that price quoted for the subject machines are reasonable with minor scope of negotiation.
2. This cost vetting is done only on the basis of Quotations, Bills and Purchase Orders provided to us by the company.
3. This cost vetting is based on general estimation of similar works and may have certain margin of negotiation when the deal is finalized. So actual purchase cost may vary 5-10%.
4. On referring the TEV report provided to us, detailed specification of civil construction work was not mentioned. As per our analysis details like quantity and rates adopted in the TEV report seems to be wrongly typed as quantity of Reinforcement Work (TMT) is given as 1,220 MT which is a very high quantity & rates adopted for the same is Rs. 74,00,000/- or Rs. 6,100/- per MT which is very less and the same applies on MS Structure. Ongoing rates for Reinforcement Work (TMT) varies within the range of Rs. 52,000/- - Rs. 55,000/- per MT whereas for Mild Steel structure it is around Rs. 65,700/- per MT.
5. The technical specifications of items such as LT panels, HT cables, installation charges, electric wires, starter switches, electrical fittings, AC machines with fittings, factory shed, offices and general lightnings, etc. are not provided to us on request. Since, the company is expanding its captive power station from 12 MW to 20 MW and installing 132 kV sub-station as per TEV report therefore based on this information and also as per the industry standards, the cost of setting up of the above-mentioned items would be around Rs.4.5 Cr. to Rs.5 Cr. which includes the cost of transformer also which was not mentioned in the provided details.
6. The subject machines/ infrastructure is proposed to be installed at site and are not installed yet as per information provided by the company.
7. 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.
8. 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. Any change and variation of prices post the date of certificate is not covered in this certificate.
9. The estimated cost verification is made based on the third-party information which has been replied upon in good faith.
10. This certificate doesn't include any work related to drawing, design, sketch plan, procurement of the machines.
11. 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.
12. This certificate is made at the request of the Bank.



Item 1: Civil & Construction Work

Sr. No.	Building Description	Floor	Type of structure	Area in (sq.mtr.)	Area in (sq.ft.)	Rates adopted (INR/sq.ft.)	Estimated Cost (INR/sq.ft.)
1	HP 90 Moulding, Sand Plant, Vertical HP Line, Hand Moulding, Raw Material, Storage Area & Furnance Shed	Ground	GI Shed	5,155.50	55,494	₹ 800	₹ 4,43,95,042
2	Store Room, Pattern Store, Pattern Maintenance Room, Rest Room, Electrical Building & Sand Store	Ground	GI Shed	553.95	5,963	₹ 800	₹ 47,70,154
3	Rest Room	First	GI Shed	125	1,346	₹ 800	₹ 10,76,400
4	WareHouse	Ground	RCC	1,443.09	15,533	₹ 1,400	₹ 2,17,46,720
Total				7,278	78,335		₹ 7,19,88,316

Notes:-

1. Project cost is referred from the TEV report provided to us.

2. Building details like area and type of structure is referred from the maps/architect drawings.

3. Cost vetting is based upon the plinth area rates calculation since no details of Bill of Quantity (BOQ) is made available to us.

4. Area statement chart was not available in the drawings therefore individual structure area is calculated from the drawings.

5. Cost vetting of only those structure was possible whose sectional drawing along with the dimensions was mentioned in the drawings. Cost of rest of the structures is vetted on lumpsum basis.

6. As per the site plan drawings of all the structure was not made available to us.

Description	Unit of Measurement (UOM)	Quantity (Proposed by Company)	Estimated Rates (INR/UOM) (Proposed by Company)	Proposed Cost (INR)	Estimated Rates (INR/UOM) (By RKA)	Estimated Cost (INR) (By RKA)
RCC Road	Sq. Mtr.	2,250	₹ 3,500	₹ 78,75,000	₹ 3,500	₹ 78,75,000

Description	Unit of Measurement (UOM)	Quantity (Proposed by Company)	Estimated Cost (INR/UOM) (Proposed by Company)	Estimated Cost (INR/UOM) (By RKA)
Dewatering work	-	-	₹ 1,00,000	₹ 1,00,000

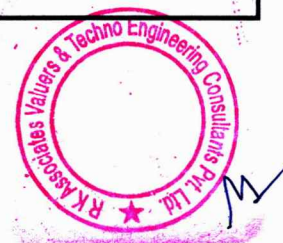
Note:-

This cost is approved based on the size told us by the company representative which is around 2 acres.

Description	No. of Trees	Rates adopted (INR/Trees)	Estimated Rates (INR/UOM) (Proposed by Company)	Estimated Cost (INR/UOM) (By RKA)
Tree Plantation	2,000	₹ 150	₹ 3,00,000	₹ 3,00,000

Note:-

1. Rates have been adopted as per industry standard.



Item 2 : Plant & Machinery

Sr. No.	Description	Proposed Cost (INR)	Remarks
1	Verticle Moulding Line	₹ 6,48,00,000	Approved
2	Belt Conveyors, Sensors and Shake out	₹ 3,14,00,000	
3	Casting Cooling Conveyour	₹ 34,00,000	
4	Induction Melting Furnace	₹ 2,31,00,000	
5	Tundish Pouring System	₹ 2,90,00,000	
6	Shot Blasting Machine with Dust Collector	₹ 68,00,000	
7	Magmasoft autonomous engineering software	₹ 1,29,00,000	
8	Patter Making	₹ 48,00,000	
9	Spectro Meter	₹ 1,13,00,000	
10	Patter Plate Carrier, Vent Hole & Cooling Conveyor	₹ 1,39,00,000	
11	Flask Assembly / Pallet Car	₹ 1,69,00,000	
12	Tool Presetter Model STP MAGIS 500 Basic	₹ 24,00,000	
13	CNC CMM Model Altera 20.10.8	₹ 84,00,000	
14	CNC CMM Model Altera SL 8.7.6	₹ 1,16,00,000	
15	Vertical Profile Projector Model V20B	₹ 30,00,000	
16	Granite Surface Plate : 1800 x 1200 x 200 mm	₹ 2,00,000	
17	Roundness & Cylindricity measuring Instrument Talyrond 565T	₹ 76,00,000	
18	Controur cum Roughness Measuring Equipment Form Talysurf® WRI PRO	₹ 55,00,000	
19	Portable Roughness Tester Model Surtronic S-128	₹ 8,00,000	
20	Doosan Korea make CNC Lathe Model LEO 1600	₹ 1,96,00,000	
21	Doosan Korea make CNC Lathe Model Lynx 2100MA	₹ 3,56,00,000	
22	Doosan Korea make CNC Lathe Model Lynx 2100 LMB	₹ 3,87,00,000	
23	Doosan Korea make CNC Lathe Model Lynx 220 LB	₹ 2,82,00,000	
24	Doosan Korea make CNC Lathe Model Lynx 300M	₹ 4,57,00,000	
25	Doosan Korea make CNC Lathe Model PUMA 2100LM	₹ 3,37,00,000	
26	Doosan Korea make CNC Lathe Model PUMA 3100M	₹ 2,78,00,000	
27	Misc Parts	₹ 36,00,000	
Total		₹ 49,07,00,000	

Note:-

1. The proposed subject plant is having a capacity of 16,200 MTPA and cost of machines claimed corresponding to it is Rs 49.07 Crore i.e., Rs. 30,290/- per MTPA.

2. As per our market research cost for setting up ductile cast iron foundry varies within the range of Rs. 28,000/- per MTPA – Rs. 30,000/- per MTPA which majorly depends upon the brand value of the machines.

3. The range of such type of plant & machineries has been verified as per the information available on public domain. Transaction (sale/purchase) of similar kind of foundries has been taken into consideration with respect to their production capacity and further compared them with the proposed subject plant while arriving at the conclusion.

Sr. No.	Capacity (MTPA)	Price (INR)	Details
1	2,00,000	₹ 6,00,00,00,000	This investment was made in recent past by TATA Metaliks for expansion of their existing foundry units. A premium has been added on account of large size of the project as compared to the subject project.
2	9,000	₹ 22,00,00,000	As per an advertisement this foundry is available for sale in Gujarat. This foundry is approx. 5 Years old. Reasonable negotiation has been considered on the asking price. A premium on account of age of the foundry so as to eliminate the depreciation factor has also been considered while comparing it with the subject project.

Item 3: Miscellaneous Fixed Assets

Misc. Fixed Assets									
Sr.No.	Description	Specification	Type of Line (CNC / 2nd Line)	Quantity (Proposed by Company)	Proposed Cost by Company	Freight Charges (2% charges)	GST (18%)	Proposed cost (INR)	Estimated cost (By RKA) (In INR)
1	Diesel Generator	250 KVA	CNC	1	₹ 16,00,000	₹ 32,000	₹ 2,88,000	₹ 19,20,000	₹ 30,00,000
2	Diesel Generator	250 KVA	2nd Line	1	₹ 16,00,000	₹ 32,000	₹ 2,88,000	₹ 19,20,000	
3	Cables	-	CNC	-	₹ 5,00,000	₹ 10,000	₹ 90,000	₹ 6,00,000	₹ 6,00,000
4	1.5 Ton Capacity Battery Operated Stacker Model ES 15	1.50 Ton	CNC	1	₹ 5,00,000	₹ -	₹ 90,000	₹ 5,90,000	₹ 5,90,000
5	Air Compressor		2nd Line	1	₹ 29,00,000	₹ 58,000	₹ 5,22,000	₹ 34,80,000	₹ 34,80,000
6	Air Compressor Pipe Line		2nd Line	1	₹ 12,00,000	₹ -	₹ 2,16,000	₹ 14,16,000	₹ 14,16,000
7	Pumps		2nd Line	2	₹ 2,00,000	₹ -	₹ -	₹ 2,00,000	₹ 2,00,000
8	Grinder Machine		2nd Line	1	₹ 8,00,000	₹ -	₹ 1,44,000	₹ 9,44,000	₹ 9,44,000
9	De-dusting systems for Sand Plant+Shakeout, Sand Colout & Fume Exhaust System for Pouring & Mould Cooling Line		2nd Line	1	₹ 1,29,00,000	₹ 2,58,000	₹ 23,22,000	₹ 1,54,80,000	NA
10	LT Panels	-	CNC	1	₹ 30,00,000	₹ 60,000	₹ 5,40,000	₹ 36,00,000	₹ 5,00,00,000
11	HT Cables	-	CNC	1	₹ 30,00,000	₹ 60,000	₹ 5,40,000	₹ 36,00,000	
12	Installation Charges	-	CNC	1	₹ 50,00,000	₹ 1,00,000	₹ 9,00,000	₹ 60,00,000	
13	Starer, Switches, Electrical Fittings, AC Machines with Fittings, etc (Lot)	-	CNC	1	₹ 10,00,000	₹ -	₹ 1,80,000	₹ 11,80,000	
14	Factory Shed , Offices and General Lightnings (Lot)	-	CNC	1	₹ 5,00,000	₹ -	₹ 90,000	₹ 5,90,000	
15	LT Panels		2nd Line	1	₹ 33,00,000	₹ 66,000	₹ 5,94,000	₹ 39,60,000	
16	HT & LT Cables		2nd Line	1	₹ 60,00,000	₹ 1,20,000	₹ 5,94,000	₹ 67,14,000	
17	Installation Charges		2nd Line	1	₹ 50,00,000	₹ 1,00,000	₹ 10,80,000	₹ 61,80,000	
18	Cable , Electric Wire, Starer, Switches, Electrical Fittings, AC Machines with Fittings, etc (Lot)		2nd Line	1	₹ 25,00,000	₹ 50,000	₹ 4,50,000	₹ 30,00,000	
19	Factory Shed , Offices and General Lightenings (Lot)		2nd Line	1	₹ 10,00,000	₹ -	₹ 1,80,000	₹ 11,80,000	
Total					₹ 5,25,00,000	₹ 9,46,000	₹ 91,08,000	₹ 6,25,54,000	₹ 6,02,30,000

NOTES:

- Cost related to LT panels, HT cables, installation charges, electric wires, starter switches, electrical fittings, AC machines with fittings, factory shed, offices and general lightnings, etc. shown above are taken on lumpsum based on the details that the company is expanding its captive power station from 12 MW to 20 MW and installing 132 kV sub-station as per TEV report. The above cost also includes the cost of transformer. It is assumed that the company will install minimum 20 MVA or two 20 MVA transformers as per Industry standard.
- The technical specifications of items such as LT panels, HT cables, installation charges, electric wires, starter switches, electrical fittings, AC machines with fittings, factory shed, offices and general lightnings, etc. are not provided to us on request, hence the only basis for cost assessment of these electrical items is expansion of captive power station from 12 MW to 20 MW and installation of 132 kV sub-station as per TEV report and our further assumptions and basis for its transformer configuration. It is a lumsum assessment and not an item wise assessment.



Item 4: Contingency, Margin Money for working capital, Preliminary & Pre-Operative Expenses

Sr.No.	Description	Proposed Cost (INR)	Estimated Cost (INR)
1	Contingency	₹ 3,15,00,000	₹ 3,15,00,000
2	Margin Money for working capital	₹ 5,25,00,000	₹ 5,25,00,000
3	Preliminary & Pre-Operative Expense	₹ 3,65,00,000	₹ 3,65,00,000
Total		₹ 12,05,00,000	₹ 12,05,00,000

Notes :

1. Cost of Contingency and Preliminary & Pre-Operative Expenses is proposed as Rs. 3.15 Crores, Rs. 3.65 Crores respectively which is around 5% and 5.8% respectively of the fixed cost which is in accordance with the market practice for capital intensive projects.

2. As per TEV Report provided to us, total working capital requirement estimated by the consultant is Rs.21 cr. Out of which margin money for working capital is proposed as Rs. 5.25 Crores which is around 25% of the requirement of Cash Credit (CC) which we found reasonable in accordance to the current banking standards.

3. Working capital assessment is considered based on TEV Report only and has not been assessed separately.

For

INTERNAL USE

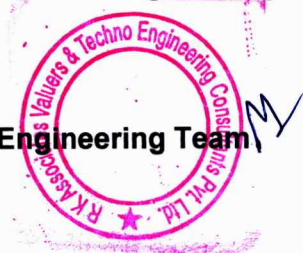
For R.K Associates Valuers &

TYPED BY: Er. Gaurav Sharma

Techno Engineering Consultants (P) Ltd

REVIEWED BY: Er. Manas Upmanyu

Engineering Team



ANNEXURE: - I (LIST OF MACHINES PROVIDED BY CLIENT)



MACHINE TOOLS (INDIA) LIMITED
284, Sultan Sadan II, West End Marg, Lane No. 3,
Saidulajab, Mehrauli, New Delhi 110 030.
Web : www.mactool.com

PLEASE NOTE NEW
11/27/2020, 11:58:00
Tel : (011) 29530000
Fax : (011) 29530030
Email : sales@mactool.com

M/s Shakambhari Overseas Trades Pvt Ltd
Rasturia Industrial Area,
Angadpur, Durgapur -713216,
West Bengal

Ref. No.: DEL2112-1011
Date: December 27, 2021

Dear Sir,

We are pleased to submit this offer for the under mentioned article(s) as per following terms & Conditions:

Model & Description	Qty.	Price in USD
Doosan Turning Centre Model Puma J100 M and Fanuc 0iTP controller, including the below Standard Accessories	1 No.	155,000.-

Standard accessories

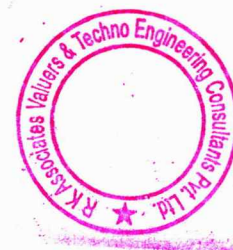
- > Foot switch
- > Front door interlock
- > Full enclosure chip and coolant shield
- > Hand tool kit (including small tool for operations)
- > Leveling jack screw and plates
- > Manuals
- > Safety precaution name plates
- > Work light

Optional accessories

- | | |
|---|----------|
| > Chip Conveyor Magnetic Scraper Type | 6,140.- |
| > Tail Stock | 1,250.- |
| > Linear Scale(X & Y axis) | 12,000.- |
| > Air Conditioner | 1,800.- |
| > Zyfra (europe) iot 4.0 software basis module, production control.
No code + cmp+ license for 1 machine | 2,000.- |

Page No. 1

R.O. : Kt. No. 284, Sultan Sadan II, West End Marg, Lane No. 3, Saidulajab, Mehrauli, New Delhi 110 030
• Regd. Off. : 56-A, Mary Ghalib Street, Calcutta 700016
Branches - Bangalore, Bhopal, Calcutta, Chennai, Hyderabad, Mumbai, Pune, Vadodra



**MACHINE TOOLS (INDIA) LIMITED**

284, Sultan Sadan II, West End Marg, Lane No. 3,
Saidulajab, Mehrauli, New Delhi 110 030.

Web : www.mactool.com

**PLEASE NOTE NEW
TELEPHONE NUMBERS**

Tel : (011) 29535555
Fax : (91)(11) 29533636
Email : sales@mactool.com

M/s Shakambhari Overseas Trades Pvt Ltd
Raturia Industrial Area,
Angadpur, Durgapur -713216,
West Bengal

Ref. No.: DEL2112-1004

Date: December 27, 2021

Dear Sir,

We are pleased to submit this offer for the under mentioned article(s) as per following terms & Conditions;

Model & Description	Qty.	Price in USD
Doosan Turning Centre Model Leo 1600 and Fanuc 0iTP controller, including the below Standard Accessories	1 No.	39,000.-

Standard accessories

- Foot switch
- Front door interlock
- Full enclosure chip and coolant shield
- Hand tool kit (including small tool for operations)
- Leveling jack screw and plates
- Manuals
- Safety precaution name plates
- Work light

Optional accessories

- | | |
|---|---------|
| ➤ Chip Conveyor Magnetic Scraper Type | 6,140.- |
| ➤ Tail Stock | 1,250.- |
| ➤ Air Conditioner | 1,800.- |
| ➤ Zyfra (europe) iot 4.0 software basis module, production control. | |
| Nc code + cmp+ license for 1 machine | 2,000.- |

Page No. 1

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Branches : Bangalore, Bhopal, Calcutta, Chennai, Hyderabad, Mumbai, Pune, Vadodra





MACHINE TOOLS (INDIA) LIMITED
284, Sultan Sadan II, West End Marg, Lane No. 3,
Saidulajab, Mehrauli, New Delhi 110 030.
Web : www.mactool.com

PLEASE NOTE NEW
TELEPHONE NUMBERS
Tel : (011) 29535555
Fax : (011) 29535130
Email : sales@mactool.com

M/s Shakambhari Overseas Trades Pvt Ltd
Raturia Industrial Area,
Angadpur, Durgapur -713 216 ,
West Bengal

Ref. No.: DEL2112-1006
Date: December 27, 2021

Dear Sir,

We are pleased to submit this offer for the under mentioned article(s) as per following terms & Conditions;

Model & Description	Qty.	Price in USD
Doosan Turning Centre Model LYNX 2100 LMB and Fanuc 0iTP controller, including the below Standard Accessories	1 No.	88,000.-

Standard accessories

- Foot switch
- Front door interlock
- Full enclosure chip and coolant shield
- Hand tool kit (including small tool for operations)
- Leveling jack screw and plates
- Manuals
- Safety precaution name plates
- Work light

Optional accessories

- | | |
|---|---------|
| ➤ Chip Conveyor Magnetic Scraper Type | 6,140.- |
| ➤ Tail Stock | 1,250.- |
| ➤ Air Conditioner | 1,800.- |
| ➤ Zyfra (europe) lot 4.0 software basis module, production control.
No code + cmp+ license for 1 machine | 2,000.- |

Page No. 1

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4/2

MACHINE TOOLS (INDIA) LIMITED
284, Sultan Sadan II, West End Marg, Lane No. 3,
Saidulajab, Mehrauli, New Delhi 110 030.
Web : www.mactool.com

**PLEASE NOTE NEW
TELEPHONE NUMBERS**
Tel : (011) 29530001
Fax : (011) 29533650
Email : sales@mactool.com

M/s Shakambhari Overseas Trades Pvt Ltd
Raturia Industrial Area,
Angadpur, Durgapur -713 216,
West Bengal

Ref. No.: DEL2112-1007
Date: December 27, 2021

Dear Sir,

We are pleased to submit this offer for the under mentioned article(s) as per following terms & Conditions.

Model & Description	Qty.	Price in USD
Dosan Turning Centre Model LYNX 220 L.B and Fanuc 0ITP controller, Including the below Standard Accessories	1 No.	61,000.-

Standard accessories

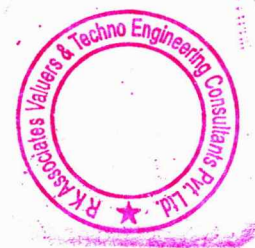
- Foot switch
- Front door interlock
- Full enclosure chip and coolant shield
- Hand tool kit (including small tool for operations)
- Leveling jack screw and plates
- Manuals
- Safety precaution name plates
- Work light

Optional accessories

- | | |
|---|---------|
| ➤ Chip Conveyor Magnetic Scraper Type | 6,140.- |
| ➤ Tail Stock | 1,250.- |
| ➤ Air Conditioner | 1,800.- |
| ➤ Zyfra (europe) iot 4.0 software basis module, production control.
No code + cmp+ license for 1 machine | 2,000.- |

Page No. 1

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Branches : Durgapur, Bhopal, Calcutta, Chennai, Hyderabad, Mumbai, Pune, Vadodra





MACHINE TOOLS (INDIA) LIMITED
284, Sultan Sadan II, West End Marg, Lane No. 3,
Saidulajab, Mehrauli, New Delhi 110 030.
Web : www.mactool.com

PLEASE NOTE NEW
TELEPHONE NUMBERS
Tel : (011) 29533555
Fax : (011) 29533030
Email : sales@mactool.com

M/s Shakambhari Overseas Trades Pvt Ltd
Raturi Industrial Area,
Angadpur, Durgapur -713216,
West Bengal

Ref. No.: DEL2112-1008
Date: December 27, 2021

Dear Sir,

We are pleased to submit this offer for the under mentioned article(s) as per following terms & Conditions;

Model & Description	Qty.	Price in USD
Doosan Turning Centre Model LYNX 300 M and Fanuc 0TP controller, including the below Standard Accessories	1 No.	94,000.-

Standard accessories

- > Foot switch
- > Front door interlock
- > Full enclosure chip and coolant shield
- > Hand tool kit (including small tool for operations)
- > Leveling jack screw and plates
- > Manuals
- > Safety precaution name plates
- > Work light

Optional accessories

> Chip Conveyor Magnetic Scraper Type	6,140.-
> Tail Stock	1,250.-
> Linear Scale(X & Y axis)	12,000.-
> Air Conditioner	1,800.-
> Zyfra (europe) lot 4.0 software basis module, production control.	
Nc code + cmp+ license for 1 machine	2,000.-

Page No. 1

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Koyo, Ltd.
1-1-1 Yaya-Machi, Kumamoto
862-0969 Japan



Tel. 81-96-378-3181
Fax 81-96-378-3185
http://www.koyoltd.jp/
e-mail . . . info@koyoltd.jp

Quotation for Model SM-60V-S-B

Vertical Molding Line

M/s, Shakambhari Overseas
with: ZETA India Inc.

*Order
Review*

Date: Oct. 4th, 2021

No.: Q-KY-I-60SB-1004-2021A

No.	Description	Q'ty	Amount	Remarks
Koyo Vertical Molding Equipment			Ex Works at Koyo's Factory in Japanese Yen.	
1	Full Automatic Vertical Molding Machine Model: SM-60V-S-B type Capacity: 340molds/hour in maximum (un-cored) Cake-size: 620W x 500H x 180-330D mm with Manual Pattern Changer QPC-60V	1set	¥79,000,000.-	Shall be transported by 1 of 40ft Open-Top container and in 1 of 20ft Dry- containers
2	Core-Setter Model: CS-60V-B	1set	¥15,000,000.-	
3	Pouring Table Model: PT-60 Length: 5m long	1set		Savelli's scope
4	Cooling Conveyor Model: CC-60 Length: 15.5m long (Incl. Control Panel) (for approx. 45min. cooling time, at 180mm Mold thickness by 250molds/hour running)	2set		Savelli's scope
5	Spare Sealers & Rubber parts for SM-60V-S-B	1set	¥652,000.-	
6	Dispatch Charge of Engineers for Installation & Test-Run 3-persons x 25days	2set	¥3,500,000.-	Boarding/Lodging/and Local conveying at Customer's expense
Total Amount (in Japanese Yen)			¥98,152,000.-	

Terms & Conditions:

Shipment from Koyo Factory in Japan: 10-months after in receipt of Down-Payment

Payment: Down Payment for 20% of Contract Price by Telegraphic remittance with Purchase-order.

Second Payment: Irrevocable L/C for 80% of Contract Price within 8-month in our favor after the date
of Purchase-order.

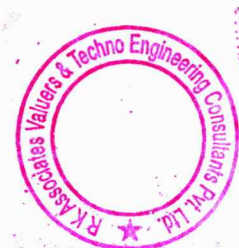
Customer's Scope: a 1.5M³ Air-Receiver, and Non-stipulated terms in this sheet.

Packing & Transporting charges from Koyo Factory to Customer's site.

Validity: This Quotation is available until Nov. 4th, 2021.

Yours Truly,

KOYO, LTD.





SALES OFFER

Customer code 05860
SHAKAMBHARI OVERSEAS TRADES PRIVATE LIMITED
ANGADPUR, DURGAPUR - 15
DURGAPUR
WEST BENGAL (19) INDIA

Customer GSTIN : 19AACCS6349H1Z1
Kind Attn :MR VINAY AGARWAL
Phone No.: +92-9233341111
E-Mail: sotplfd@gmail.com

The Wesman Engineering Co Pvt Ltd
Regd Office: Wesman Center
8 Mayfair Road, Kolkata 700019, India
Tel: +91 (33) 40020300
Fax: +91 (33) 22908050, 22816402

Page 1 of 2
Quote No. 1105OPR-212200-00145
Document Date 3. January 2022
Division Code WEFE Project
Your Reference VERBAL DL01-12-21

SI	Description	HSN/SAC	GST %	Qty	Unit	Unit Price (INR)	Amount (INR)
1	BALANCE EQUIPMENT FOR WESMAN SAND PLANT AS PER ATTACHED ANNEXURE - I	72259900	18.00	1	NOS	260,69,000.00	260,69,000.00
Total INR							260,69,000.00
CGST Amount							2346210
SGST Amount							2346210
Total INR Incl. Taxes							307,61,420.00

Amount in Words:

THREE CRORE SEVEN LAKH SIXTY ONE THOUSAND FOUR HUNDRED TWENTY RUPEES AND ZERO





INDUCTION FURNACES SINCE 1963

OPTIONAL EQUIPMENT

Item	Description	Price Euro €
B.1	N.1 AUTOMATIC LATE STREAM POWDER INOCULATION SYSTEM INTERFACED WITH POURING SYSTEM	19.500,00
B.2	N. 1 NON CONTACT TWO-COLOURS INFRARED PYROMETER SYSTEM FOR CONTINUOUS TEMPERATURE MEASUREMENT OF METAL FLOW FROM NOZZLE DURING POURING CASTING PROCESS	14.890,00
B.3	N. 1 GAS BURNER WITH AUTOMATIC SWITCHING AND ELECTRONIC SAFETY DEVICE, WITH MANUAL FLAME CONTROL AIR/GAS COMPLETE WITH INSUFFLING AIR BY CENTRIFUGAL BLOWER AND ELECTRICAL CONTROL PANEL. MAX POWER WITH NATURAL GAS : UP TO 196.000 kcal/H	12.200,00

INR

16.426

12.54

10.76

SPARE PARTS AND WEARING PARTS

Item	Description	Price Euro €
C.1	N. 1 FULLY INTERCHANGEABLE COMPLETE SPARE TUNDISH VAT COMPLETE WITH COVER TO INCLUDE ALL FIXED PARTS AND EXCLUDING MOVING PARTS	39.700,00
C.2	N.1 COMPLETE SPARE INTERCHANGEABLE STOPPER ROD WITH HOLDER	1.950,00
C.3	N. 10 STOPPERS (for tundish use)	1.350,00
C.4	N. 10 NOZZLES (diameter according customer's specification in flow-rate)	760,00

33.43

16.42

11.37

6.40

SUPERVISION AT SITE FOR INSTALLATION AND COMMISSIONING :

The program for transport, installation and commissioning of the furnace will be defined by FOMET after fixing the actual date of delivery and confirmation of final lay-out and foundation work. With site and foundations ready to receive the furnaces and all its parts, there are necessary approximately 20 service days plus travelling time before commissioning into service the unit (excluding the time for refractory lining installation and sintering).

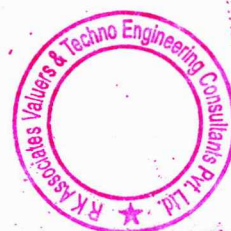
167.34

NOT INCLUDED IN THIS OFFER

OFF211043_EP_15t_Shakambhari

Page 5 of 18

FOMET SRL
Via Simone Martini, 11 - 20143 MILANO - Italy
Tel. +39 02 817575 - Fax +39 02 8135015
e-mail : info@fomet.com
www.fomet.com



ANNEXURE: - II (REFERENCES ON PRICE TREND OF THE SIMILAR RELATED ASSETS AVAILABLE ON PUBLIC DOMAIN)



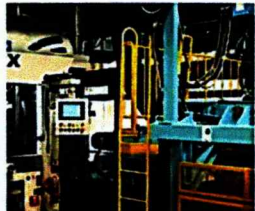
← → ↻ smergers.com/business/foundry-for-sale-in-gujarat-india/nf19z/

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Foundry for Sale in Gujarat, India
For Sale: Foundry that produces cast iron and ductile iron and serves 12 clients.

Established	1-5 year(s)
Employees	10 - 50
Legal Entity	Limited Liability Partner...
Reported Sales ⓘ	INR 5 crore
Run Rate Sales ⓘ	INR 9 crore
EBITDA Margin ⓘ	0 - 10 %
Industries	Foundries
Locations	IN Gujarat
Local Time	11:04 AM Asia / Kolkata
Listed By	Advisor / Business Broker
Status	● Moderately Active

Overall Rating



8.5 / 10

Compare with industry

Full Sale

Asking Price: INR 22 crore (Native Currency: INR 220,000,000)

Reason: Company is involved in a variety of other businesses and would like to concentrate on them.

☒ Includes physical assets worth INR 15 crore

☒ Interested to connect with advisors

Documents



PAN card of the company (95.3 KB)

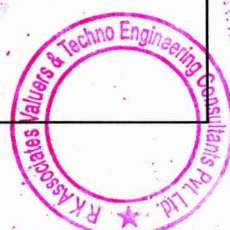


ROC-Verification.pdf (73.9 KB)



document-aec25 (1.5 MB)

Business Overview



- The foundry is ideally located at a place, where it is easily accessible by air, road, and train from all major cities.
- It is also linked by sea to the adjacent Kandla Port, through which most Western Indian industries ship their goods.
- Foundry has 12 clients out of which two are on a contractual basis and the other 10 are on order to order basis.
- Clients have a strong relationship with the company and have been associated with them for the past 3 years.
- Revenue model is such that the scrap is gathered and then melted down to produce a finished good that is required by the client.
- As the company is located in India's foundry belt, it has the intrinsic advantage of being close to multiple original sources of raw material, providing a variety of options for sourcing the finest in class.
- It has an average installed production capacity of 9,000 metric tons yearly and is one of the first plants in India with the installation of latest casting technology of high pressure of lost flask-less moulding line from Sinto Japan.
- Vision of the company is to bring maximum value to customers' businesses by delivering high-quality castings on time and with cutting-edge technology.
- Alternative metal and process solutions are being developed. This will help increase profitability through accuracy and precision.

Products & Services Overview

Products and services of the business are:

Cast iron, ductile iron products serving industries such as valves, automotive, electric motor, railways.

Products & Services Overview

Products and services of the business are:

Cast iron, ductile iron products serving industries such as valves, automotive, electric motor, railways.

Assets Overview

All the assets of the business are:

- High pressure molding line (HPML) from Sinto Japan.
- Flask less mold size: (508 x 610 x 400). Molds per hour 200.
- Castings weight from: 1- 25 Kg.
- WINCAST simulation software.
- Inductotherm induction melting furnace 2 metric ton per hour.
- Auto pour tundish with live sensing; bottom pouring system.
- Sand plant and sand cooler from EIRICH, Germany, capacity of 40 tons sand mixing per hour.
- Fully equipped sand testing, mechanical and chemical testing laboratory.
- In house testing shot blasting facility and paint shop.
- In house automated core shop equipped with cold box, core and shell core shooter maximum core weight 16 kg.
- Quality management systems: IATF 16949:2016 & ISO 9001 by TUV SUD.

Facilities Overview

The company's manufacturing area is 72,000 Sq. Ft., which includes the office and is owned by the directors.





DISCOVER MORE >

Tata Metaliks inaugurates DI pipe plant expansion project in Kharagpur

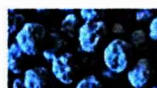
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Tata Steel inks MoU with Punjab govt to set up steel plant in Ludhiana



This Rs 600 crore expansion project will take company's ductile iron pipe plant capacity to over 4 lakh tonnes per annum in two phases.

Mamata Banerjee, chief minister of West Bengal on Thursday (15 September) inaugurated Phase-I of expansion project of Ductile Iron (DI) Pipe plant of Tata Metaliks at Kharagpur.

The new plant is one of the most advanced DI pipe plants with high levels of automation & robotics to make the operations safe and efficient. This new plant will help the company expand its product range and enhance its presence in the fast-growing water infrastructure space that is witnessing a major thrust by the Govt of India through its Jal Jeevan Mission scheme.

Tata Metaliks, a subsidiary of Tata Steel, has its manufacturing facilities at Kharagpur, West Bengal, India which produces pig iron and ductile iron pipes.

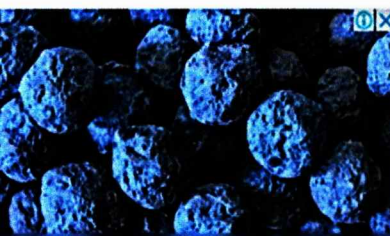
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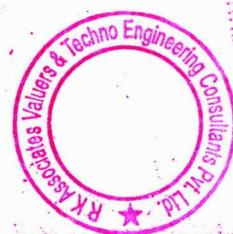
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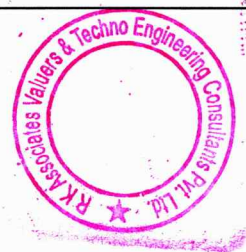
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4.0 Details of the Proposed Project

After successfully installation of the 1st line of production in record time, the Company is taking an opportunity to install the 2nd line of production with CNC Machine expansion in ductile cast iron foundry. The 2nd line of production is mainly utilised to produce the auto parts. The Company is planning for expansion of existing unit by setting up the 2nd Line of Production for manufacturing in existing ductile iron casting for producing of auto parts with CNC with an annual installed capacity of 16200MT per annum.

The project has average mechanization in its production operation, however in spite of the same it shall provide direct employment to more than 500 people in three shifts.

❖ Details of Project Cost & Means of Finance-

SL. NO.	PARTICULARS	2 nd LINE	CNC	AMOUNT IN CR.
1	Civil Construction	2.06	6.19	8.25
2	Plant & Machinery	21.82	27.24	49.07
3	Misc. Fixed Assets	4.50	1.15	5.65
4	Contingency	1.42	1.73	3.15
Cost of Fixed Assets				66.12
5	Margin Money for Working Capital			5.25
6	Preliminary & Pre-operative Exp			3.65
TOTAL COST OF PROJECT				75.02
MEANS OF FINANCE				
1	Promoter's Contribution			37.52
2	Term Loan from Bank			37.50
TOTAL MEANS OF FINANCE				75.02
DEBT : EQUITY RATIO = 1 : 1				

