

PROFORMA INVOICE

Vastukala Consultants (I) Pvt Ltd B1-001, U/B FLOOR, BOOMERANG, CHANDIVALI FARM ROAD, ANDHERI-EAST 400072 GSTIN/UIN: 27AADCV4303R1ZX State Name : Maharashtra, Code : 27 E-Mail : accounts@vastukala.org	Invoice No.	Dated
	PG-2535/23-24	18-Sep-23
	Delivery Note	Mode/Terms of Payment
		AGAINST REPORT
Buyer (Bill to) UNION BANK OF INDIA-MID CORPORATE BRNACH DELHI Mid Corporate Branch Delhi (S), 26/28-D, Connuaght Place, New Delhi - 110001 GSTIN/UIN : 07AAACU0564G2ZI State Name : Delhi, Code : 07	Reference No. & Date.	Other References
	Buyer's Order No.	Dated
	Dispatch Doc No.	Delivery Note Date
	003896 / 2302613	
	Dispatched through	Destination
Terms of Delivery		

Sl No.	Particulars	HSN/SAC	GST Rate	Amount
1	TEV REPORT <i>(Technical Inspection and Certification Services)</i>	997224	18 %	50,000.00
	IGST			9,000.00
Total				59,000.00

Amount Chargeable (in words) E. & O.E

Indian Rupee Fifty Nine Thousand Only

HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
997224	50,000.00	18%	9,000.00	9,000.00
Total			9,000.00	9,000.00

Tax Amount (in words) : **Indian Rupee Nine Thousand Only**

Remarks:
 "PROJECT – MELANGE YARN M/s Maral Overseas Ltd., at Maral Sarovar, V & P.O. Khalbujurg, Tehsil Kasrawad, Dist. Khargone
 Company's PAN : **AADCV4303R**

Declaration
 NOTE – AS PER MSME RULES INVOICE NEED TO BE CLEARED WITHIN 45 DAYS OR INTEREST CHARGES APPLICABLE AS PER THE RULE.
 MSME Registration No. - 27222201137

Company's Bank Details
 Bank Name : **UNION BANK OF INDIA**
 A/c No. : **635301010050194**
 Branch & IFS Code : **Bandra East & UBIN0563536**



UPI Virtual ID : Vastukala@icici

for **Vastukala Consultants (I) Pvt Ltd**

Asmita Rathod

Authorized Signatory

This is a Computer Generated Invoice



Addendum to Techno-Economic
Viability Study Report of
“PROJECT – MELANGE YARN
manufacturing”



Name of Owner

: Maral Overseas Ltd. (MOL)

Regd. Office & Textile Mill & Project Site at Maral Sarovar, V&P.O. Khalbujurg, Tehsil Kasrawad, Dist. Khargone, Madhya Pradesh - 451 660.

Corporate Office at Bhilwara Towers, A-12, Sector 1, Noida -201 301 (U.P), www.maraloverseas.com

TEV Study Report for

: Union Bank of India, (UBI)

Mid Corporate Branch Delhi (S), 26/28-D, Connaught Place, New Delhi - 110001.

Consultant

: Vastukala Consultants (I) Pvt. Ltd. ,

B1-001, U/B Floor, Boomerang, Chandivali Farm Road, Andheri – East, Mumbai – 400 072, Maharashtra.

ADDENDUM TO TEV STUDY REPORT

Vastu/mumbai/09/2023/3896/2302613

Date: 18 / 09 / 2023**To,**

Assistant General Manager,
Mid Corporate Branch Delhi (S),
26/28-D, Connaught Place,
New Delhi – 110 001

Subject: Addendum to Techno Economic Viability Study Report (TEV) of Project Melange Yarn manufacturing of M/s Maral Overseas Ltd., at Maral Sarovar, V & P.O. Khalbujurg, Tehsil Kasrawad, Dist. Khargone, Madhya Pradesh - 451 660.

Sir,

Pursuant to appointment letter, from Assistant General Manager, Union Bank of India, Mid Corporate Branch Delhi (S), 26/28-D, Connaught Place, New Delhi – 110001 appointing M/s Vastukala Consultants (I) Pvt. Ltd., Mumbai, vide ref. MCB (S):ADV :MOL :22-23:104, dated **16/04/2022**, for conducting Techno Economic Viability Study (TEV) of M/s Maral Overseas Ltd.'s project of addition of spinning unit at its existing Sarovar Plant with 18864 spindles to produce **Melange yarn** at a total project cost of Rs. 122.94 Cr and sanctioning of loan to the extent of Rs. 92.20 Cr to part finance the project., we have inspected the project site and referred various documents, information and held discussions with company and bank officials and submitted the TEV Study Report with outward no. Union Bank of India, Maral Overseas Ltd., 25376 / 41403 dated **02/07/2022** to the bank.

Post submission of TEV Study Report, Union Bank of India has sanctioned Term loan (fresh) of INR 92.20 Cr, vide credit letter ref. no. ADV:457:2022-23, dated **14/09/2022**. The Company commenced and raised the purchase orders. In the course of implementation of project, the Company changed the vendors of few machines and added erection services as against the original vendors listed in the TEV Study report. The changes are discussed in the Addendum report.

Union Bank of India has instructed to re-assess the outcome of change in vendors of few project machines on the technical viability of the project. Pursuant to instructions from the bank, we have studied the purchase orders raised of those machines of new vendors and erection services and compared it with the original TEV study report and its effect on the project.

The new vendors are well known in the industry and can be relied upon. We are of the opinion that the changes in the vendors of few project machines and addition of erection services is for faster execution and moreover the project cost remains similar to the original and that there is no effect on technical feasibility of the project.

DATE: - 18/09/2023

PLACE: - Mumbai

Vastukala Consultants (I) Pvt. Ltd

**Sharadkumar
B. Chalikwar**

Digitally signed by Sharadkumar B. Chalikwar
DN: cn=Sharadkumar B. Chalikwar,
o=Vastukala Consultants (I) Pvt.
Ltd., ou=CMD,
email=cmd@vastukala.org, c=IN
Date: 2023.09.18 15:52:53 +05'30'



Sharadkumar B. Chalikwar
Registered Valuer
Chartered Engineer (India)
Reg. No. CAT-F-1763

ADDRESSES

.....1

There are no changes in the location and addresses of MOL textile and garment manufacturing units and project site.

MOL's Textile mill - Spinning, dyeing, knitting, processing

Maral Sarovar, V & PO Khalbujurg, Tehsil Kasarwad,
Dist. Khargone – 451660, Madhya Pradesh.

MARAL GARMENTS MANUFACTURING UNITS ADDRESS:

Unit No.	MOL's Garment Manufacturing units
1.	A-11, Hosiery Complex, Phase –II Extension, Noida – 201305, Uttar Pradesh.
2.	C-126, Sector 63, Noida 201 307, Uttar Pradesh.
3.	D-347, Sector 63, Noida 201 307, Uttar Pradesh
4.	J-37, Sector -63, Noida -201 307, Uttar Pradesh
5.	Faridabad Unit at 12/4 Sector, Main Mathura Road, Faridabad, Haryana

J37 is RM storage facility only.

CORPORATE OFFICE:**MOL's Corporate Office at**

Bhilwara Towers, A-12, Sector 1, Noida- 201 301, Uttar Pradesh

www.maraloverseas.com

REGISTERED OFFICE & PROJECT SITE:**MOL's Registered Office at**

Maral Sarovar, V & PO Khalbujurg, Tehsil Kasrawad,
Dist. Khargone – 451660, Madhya Pradesh.

AUDITED RESULTS

.....2

ANNUAL REPORT 2023.**Financial Results: -**

	(₹ in Crores)	
Particulars	2022-23	2021-22
Revenue from Operation	1025.85	1082.44
Profit before Interest & Depreciation	34.71	139.63
Less: Finance Cost	23.10	21.03
Profit before Depreciation & Amortisation	11.61	118.60
Less: Depreciation & Amortisation	29.97	26.12
Profit/(Loss) before Tax	(18.36)	92.48
Less:		
a) Current Tax	-	27.14
b) Deferred Tax	(1.69)	(1.27)
c) Taxes adjustment for earlier years	(0.74)	(0.37)
Profit/(Loss) after Tax	(15.93)	66.98
Add: Opening Balance	45.39	(20.48)
Add: Transfer to Capital Redemption Reserve	-	(1.80)
Add: Other Comprehensive Income	0.05	0.69
Add: Dividend Distribution	(8.30)	-
Balance at the end of the year- Retain Earning	21.21	45.39

The Company reported losses in FY 23. The losses were because of slow down in US and Europe.

In FY 24, the estimated revenue from operations and profit / loss is INR 1241.63 Cr & INR 18.25 Cr respectively. The revenue from operations for period of till 1st Quarter is INR 231.00 Cr.

The melange project is envisioned to commence commercial operations from 31 December 2023.

MELANGE YARN PROJECT

.....3

The TEV Study was conducted for proposed additions of 18,864 spindles for producing yarn at Maral Sarovar with an estimated outlay of INR 122.94 Cr. It is termed as "MELANGE YARN PROJECT". The project has 3 components, viz, Cotton Section, Melange Yarn Section & Fibre Dyeing Section. Presently there are no changes in the project proposed capacities. The existing and proposed additions are similar as listed under,

S No.	Product Description	Existing Annual Capacity	Proposed Additions
1.	No. of Spindles	80256 + TFO 3490	18864 in Melange project
2.	Cotton Grey Yarn	19296 MT	No additions
3.	Cotton Dyed Yarn	3480 MT	1518 MT in Melange project
4.	Cotton Grey Fabric	5400 MT	1640 MT
5.	Cotton Dyed Fabric	7200 MT	1680 MT
6.	Cotton Melange Yarn	-	3834 MT

The total additions are as under,

S No.	Product Description	Proposed Additions	Existing + Proposed
1.	No. of Spindles	18864 in Melange project	99120
2.	Cotton Grey Yarn	No additions	19296 MT / Annum
3.	Cotton Dyed Yarn	1518 MT in Melange project	4998 MT / Annum
4.	Cotton Grey Fabric	1640 MT in capex	7040 MT / Annum
5.	Cotton Dyed Fabric	1680 MT in capex	8880 MT / Annum
6.	Cotton Melange Yarn	3834 MT	3834 MT / Annum

Products to be manufactured of Melange Yarn are of Counts from 12 to 34 like, Melange Yarn, Slub Yarn, Grindle Yarn, Neps, Snow Melange. The products are not changed.

.....ADDENDUM TO TEV STUDY REPORT

CHANGES IN PROJECT PLANT AND MACHINERY

....4

The **change** of **vendor** for few project plant and machinery in the original list of TEV study report is as under,

S. No.	Particulars	Make	Imp / Ind	Qty	Remark
1	<u>SPINNING PLANT & MACHINERY</u>			Nos.	
(A)	COTTON SECTION				
1.	Blow Room	LMW	Indigenous	1	Original
2.	Fine Feed Chute LA7/6	LMW	Indigenous	15	Original
3.	CARD LC631	LMW	Indigenous	14	Original
4.	CARD LC631 With Card Accessories	LMW	Indigenous	1	Original
5.	Draw Frame Twin Delivery LDB3	LMW	Indigenous	1	Original
6.	Draw Frame Single Delivery LDB3	LMW	Indigenous	1	Original
7.	Lap Former	LMW	Indigenous	1	Original
8.	COMBER LK69	LMW	Indigenous	5	Original
9.	Contamination Sorter	Loptex	Imported	1	Original
10.	Manual Bale Press (Noil & Sliver)	Luwa	Indigenous	2	Original
11.	Sliver Cutter	Creative	Indigenous	4	Original
(B)	MELANGE SECTION				
12.	MBO lines (4 Lines)	LMW	Indigenous	4	Original
13..	MBO/Condensers for toppling	LMW	Indigenous	3	Original
14.	Fine Feed Chute LA7/6	LMW	Indigenous	20	Original
15.	CARD LC631	LMW	Indigenous	20	Original
16.	Draw Frame Twin Delivery LDB3	LMW	Indigenous	3	Original
17.	Draw Frame Single Delivery LDB3	LMW	Indigenous	1	Original
18.	Draw Frame Single Delivery LDF3 S	LMW	Indigenous	7	Original
19.	Speed Frame - 120/ 140 Spindles	LMW	Indigenous	7	Original
20.	Ring Frame - 720 Spindles	LMW	Indigenous	13	Original
21.	Ring Frame - 720 Spindles (Compact)	LMW	Indigenous	6	Original
22.	Ring Frame - 672 Spindles	LMW	Indigenous	6	Original
23.	Small Ring Frames for lot run out (1152 Spindle / Four Machine) (Two Old Machine)	LMW	Indigenous	1	Original
24.	Autoconer RM Type - 72 Drum	Rieter	Imported	5	Original
26.	Semi-Automatic Packing	Signod	Indigenous	1	Original
27.	OHTC	SIEGER	Indigenous	36	Vendor Changed
28.	Pilot Plant for development	Trytex	Indigenous	1	Original
29.	Yarn Conditioning	Xorrela	Imported	1	Original
30.	Fire diversion system	Sri Lakshmi	Indigenous	2	Vendor Changed

EL

.....The **change of vendor** for few project plant and machinery in the original list of TEV study report is as under,

S. No.	Particulars	Make	Imp / Ind	Qty	Remark
(C)	Spinning Accessories				
31.	Card Cans	RIMTEX	Indigenous	1	Vendor Changed
32.	Br D/Frame Can	RIMTEX	Indigenous	1	Vendor Changed
33.	Comber Can	RIMTEX	Indigenous	1	Vendor Changed
34.	D/F FR Can	RIMTEX	Indigenous	1	Vendor Changed
35.	Simplex Bobbins	Ideal	Indigenous	1	Vendor Changed
36.	Ring Frame bobbins	Ideal	Indigenous	1	Vendor Changed
37.	Crates, Trollies, Yarn Condition Trolley etc.	Local	Indigenous	1	Original
38.	Weighing Scale	Local	Indigenous	1	Original
39	Maintenance Machines				
i	Grinding M/C	PERFECT	Indigenous	1	Vendor Changed
ii	Stone Cleaning Device	PERFECT	Indigenous	1	Vendor Changed
iii	Perfect Fluted Roller Turning M/c	PERFECT	Indigenous	1	Vendor Changed
iv	Perfect Spindle Lubricant M/c	PERFECT	Indigenous	1	Vendor Changed
v	Perfect Ultra Violet Top Roller	PERFECT	Indigenous	1	Vendor Changed
vi	Perfect Automatic Top Roll Greasing M/c	PERFECT	Indigenous	1	Vendor Changed
vii	Perfect Arbour Flushing/ Cleaning Machine	PERFECT	Indigenous	1	Vendor Changed
40	Lab Equipment's				
i	Uster Tester 6 with Hairiness module	Uster	Imported	1	Original
ii	TurboMaxx7 (RKM Tester)	Premier	Indigenous	1	Original
iii	Nati (Neps checking Instrument)	Mesdan	Imported	1	Original
iv	Splice Strength Tester	Mesdan	Imported	1	Original
v	Friction Tester	Mesdan	Imported	1	Original
vi	Spectrophotometer	Data Colour	Imported	1	Original
vii	Auto Wrap XT (Wrap Reel)	MAG	Indigenous	1	Original
viii	Fibro Block (Wrap Block)	MAG	Indigenous	1	Original
ix	Yarn Twist Tester	MAG	Indigenous	1	Original
x	Weighing Balance (210 gm)	MAG	Indigenous	1	Original
xi	Weighing Balance (3.0 Kg))	MAG	Indigenous	1	Original
xii	PC for Office work + Printer	HP	Indigenous	2	Original
xiii	Combo data DXT (Computerized Lea CSP)	MAG	Indigenous	1	Original
xiv	Motorized Yarn Appearance board	MAG	Indigenous	1	Original
xv	Moisture Meter	MAG	Indigenous	1	Original

.....The **change of vendor** for few project plant and machinery in the original list of TEV study report is as under,

S No.	Particulars	Make	Imp / Ind	Qty	Remark
Xvi	Hot air Oven Dryer	Metlab	Indigenous	1	Original
xvii	Hot Plate	Local	Indigenous	1	Original
xviii	Circular Knitting machine (Sampling) (6 Feeder)	Ludhiana	Indigenous	1	Original
xix	Circular Knitting machine (Sampling) (12 Feeder)	Ludhiana	Indigenous	1	Original
Xx	Washing Machine	LG / IFB	Indigenous	1	Original
xxi	Shade Matching Cabinet / Light Box	PPT, UK	Imported	1	Original
xxii	Stelometer. (Dyed Fiber Strength measurement)	MAG	Indigenous	1	Original
xxiii	Swatch Cutter	SG	Indigenous	1	Original
xxiv	Label Printer (GT 800 TM)	Zebra	Indigenous	1	Original
xxv	Miscellaneous. (To Set up Shade Library / Studio)	-	Indigenous	1	Original
Xv	Moisture Meter	MAG	Indigenous	1	Original
5	<u>Electricals</u>				
I	Transformer 2000 KVA dry type with OLTC	Voltamp	Indigenous	2	Original
II.	HT Panel - 3 nos. breaker	Local	Indigenous	1	Original
iii	Battery charger	Local	Indigenous	1	Original
Iv	L T Panel	Local	Indigenous	1	Original
V	Power distribution board	Local	Indigenous	1	Original
vi	Bus trunking with tap off box	Local	Indigenous	1	Original
vii	Power cables	Local	Indigenous	1	Original
viii	Control cable	Local	Indigenous	1	Original
Ix	Capacitor with APFC panel for PDB's	Local	Indigenous	1	Original
X	Panel room air cooling	Local	Indigenous	1	Original
Xi	Lighting	Local	Indigenous	1	Original
Xii	Earthing material	Local	Indigenous	1	Original
xiii	Cable tray and structure	Local	Indigenous	1	Original
Xiv	Water coolers and air conditioners	Local	Indigenous	7	Original
Xv	Power cable plant 300 A XLPE and HT breaker	Local	Indigenous	415	Original
xvi	HT breaker at TPP	Local	Indigenous	1	Original
xvii	Misc. electrical	Local	Indigenous	1	Original
6	<u>Utilities</u>				
A	Compressor and piping	Local	Indigenous		Original
ii	Compressed air supply pipe line and vertical air receiver - 2 nos., cooling tower and its water supply pump/ pipe line with accessories	Local	Indigenous	1	Original
iii	Extension of airline header from DG house to mill - 100 NB	Local	Indigenous	1	Original

.....The **change** of **vendor** for few project plant and machinery in the original list of TEV study report is as under,

S No.	Particulars	Make	Imp / Ind	Qty	Remark
B	Humidification plant with PEB without /Bale Press - civil construction	LUWA	Indigenous	1055000	Original
C	Supply air ducting and insulation	LUWA	Indigenous	1	Original
D	Material and waste collection ducting	LUWA	Indigenous	1	Original
E	Air condensing plant for QA deptt.	Local	Indigenous	1	Original
F	Water supply system	Local	Indigenous	1	Original
G	Narmada main water supply line shifting	Local	Indigenous	1	Original
H	Misc. horticulture water supply line shifting	Local	Indigenous	1	Original
7	<u>Fire safety</u>				
I	Hydrant pipe line network	Local	Indigenous	1	Original
lii	First aid fire hand appliances and hose reels	Local	Indigenous	1	Original
8	<u>Material handling</u>				
I	Battery operated fork lift 3 tons capacity with bale clamp attachment	Godrej	Indigenous	1	Original

- PO No. CMD2200522, dated 04-03-23, is raised with new vendor for procurement of **OHTC**, refer Ch. No. 5, S. No. A.
- PO No. CMD2200037 & CMI2200038, dated 31-03-23, is raised with new vendor for procurement of **Spark Detector & HTC (fire diversion system)**, refer Ch. No. 5, S. No. H & I
- PO No. CMD2200413, dated 11-01-23, is raised with new vendor for procurement of **Spinning Accessories – Cans**, refer Ch. No. 5, S. No. B.
- PO No. CMD2200480, dated 28-01-23, is raised with new vendor for procurement of **Spinning Accessories - Bobbins**, refer Ch. No. 5, S. No. C.
- PO No. CMD2200414, dated 11-01-23, is raised with new vendor for procurement of **Maintenance Machinery**, refer Ch. No. 5, S. No. D.

.....The **change** of **vendor** for few project plant and machinery in the original list of TEV study report is as under,

FIBRE DYEING PROJECT MACHINES

S No.	Particulars	Make	Imp / Ind	Qty	Remark
<u>Fiber dyeing machines</u>					
1.	Fiber dyeing machine 500 kgs.	Cubotex	Imported	2	Vendor Changed
2.	Fiber dyeing machine 250 kgs.	Cubotex	Imported	1	Vendor Changed
3.	Fiber dyeing machine 100 kgs.	Cubotex	Imported	1	Vendor Changed
4.	Fiber dyeing machine 50 kgs.	Cubotex	Imported	1	Vendor Changed
5.	Fiber dyeing machine 25 kgs.	Cubotex	Imported	1	Vendor Changed
6.	Fiber dyeing machine 3 X 8 kgs.	Cubotex	Imported	1	Vendor Changed
7..	Fiber dyeing machine 1 Kg	Cubotex	Imported	1	Vendor Changed
8.	Hydro extractor mod.1700 for centrifugal plates of 500/250 kgs.	Cubotex	Imported	2	Vendor Changed
9.	Dryer - (RF / Steam)	Cubotex	Imported	1	Vendor Changed
10	Bailing press for Dyed Fibre	Tynitop	Indigenous	1	Original
<u>B Lab equipment's</u>					
1	Lab machines setup	Various	Indigenous	1	Original
<u>Over head crane</u>					
1	5 MT overhead travelling crane with electric hoists	Safex	Indigenous	1	Original
<u>Electricals</u>					
1	Main cubical feeder with 800 amp. air circuit breaker	Local	Indigenous	1	Original
2	Power distribution board with one incomer & 5 O/G Feeder	Local	Indigenous	3	Original
3	PVC Armor Aluminum cable 3.5 core x 300 sq.mm * 3 Run	Local	Indigenous	780	Original
4	PVC Shielded copper cable from PDB to machine	Local	Indigenous	400	Original
5	Earthing electrodes and earthing strips etc.	Local	Indigenous	1	Original
6	Lighting	Local	Indigenous	1	Original
7	Hardware for cabling work - al. lugs, cable gland, cable tray, insulation mat.	Local	Indigenous	1	Original
8	Labor Charges	Local	Indigenous	1	Original
9	Misc. expenses		Indigenous	1	Original

.....The **change of vendor** for few project plant and machinery in the original list of TEV study report is as under,

S No.	Particulars	Make	Imp / Ind	Qty	Remarks
	Fiber dyeing machines				
	Utilities				
1	Vertical air receiver - 3 cum with accessories	Local	Indigenous	1	Original
2	Compressed air supply pipe line	Local	Indigenous	1	Original
3	Water supply system for drinking and utilities	Local	Indigenous	1	Original
4	Steam line with fitting and valves 150 NB with insulation	Local	Indigenous	1	Original
5	PRS for steam line	Local	Indigenous	1	Original
6	Condensate handling PPPU pump and pipe line	Local	Indigenous	1	Original
7	Cooling return line	Local	Indigenous	1	Original
8	MS hot water tank with FRP lining with insulation - 1*25 KL, pumps with its distribution system	Local	Indigenous	1	Original
9	Cold water pumps with its distribution system	Local	Indigenous	1	Original
10	Effluent collection tanks and its transfer to ETP	Rochem	Indigenous	1	Original
11	ETP augmentation	Local	Indigenous	1	Original
12	Misc. utilities	Local	Indigenous	1	Original
	Fire safety				
1	Hydrant pipe line network	Local	Indigenous	1	Original
2	First aid fire hand appliances and hose reels	Local	Indigenous	1	Original

- PO No. CMD2200331, dated 19-10-22, is raised with new vendor for procurement of **Fibre Dyeing Machinery**, refer Ch. No. 5, S. No. E,
- PO No. CMD2200461, dated 23-01-2023, is raised with new vendor for procurement of **Hydro extractor mod.1700 for centrifugal plates of 500/250 kgs**, refer Ch. No. 5, S. No. F.
- PO No. CMD2200331, Date 19-10-22, is raised with new vendor for procurement of **Dryer RF / Steam**, refer Ch. No. 5, S. No. G.

The Company has also changed / added the vendors for following project machinery as listed under,

S. No.	Particulars	Vendor / Make	Imp / Ind
Mélange Section			
H.	Spark Detector Line Module	Fagus Greten GMBH & Co. Kg	Imported
I.	Metron 05 Power Line Metal Part Mc SPG	Mesutronic Geratebau gmbh	Imported
J.	Roving Waste Opener Machine	Vishwa Engineering	Indigenous
K.	Erection of Melange Project Machinery	Universal MEP Proj.& Eng. Ser. Ltd.	Indigenous
L.	Erection of Spinning Project Machinery	Shree Engineering	Indigenous
M.	Disc Check Valve	Aar Industrial Products	Indigenous
N.	SS Pipe and fittings	Chaman Metal & Engg.Co.	Indigenous
O.	Steam Globe Valve of various sizes	Techno Vision Services	Indigenous
P.	Valve for Thies Sample Yarn Dyeing Mc 10 KG	Burkert India Pvt. Ltd.	Indigenous
Q.	Erection of Fiber Dyeing Machinery	Rayon Applied Engineers	Indigenous
R.	Wet Fibre Opener	Astha Taconic Pvt. Ltd.	Indigenous

- Fire diversion system is changed with Spark Detector Line Module & Metron 05 Power Line Metal Part Mc SPG
- Roving waste opener machine is for Melange Section. It is new addition.
- Valves, pipes and fittings vendors are changed.
- Earlier the erection was planned by inhouse team. Now it is given to separate agency, which is acceptable.
- Refer Ch. No. 5, S. No. G to R, for PO numbers.

Think.Innovate.Create

CHANGES IN PROJECT MACHINERY

.....5

The list of indigenous and imported machines **changed** in the Melange project as per purchase order raised is as under,

S No.	Description and Specification of material	Qty	Vendor / Make	PO Value (INR)	Remark
A	PO No. CMD2200522, Date 04-03-23	set			
1.	OHTC Ring Frame 720 Spindles	7	Elgi Electrics & Industries Ltd., Coimbatore. (Indigenous)	9,31,770.00	Change in vendor.
2.	OHTC Ring Frame 720 (Compact) Spindles	12		16,51,320.00	
3.	OHTC Ring Frame 672 Spindles	6		7,80,300.00	
4.	OHTC Ring Frame 336 Spindles	2		2,73,060.00	
5.	OHTC Ring Frame 240 Spindles	2		2,73,060.00	
6.	EJWCS - Centralized Waste Collection 10/09	2		1,66,500.00	
7.	Speed Frame 140 Spindles	6		8,99,640.00	
8.	EJWCS - Centralized Waste Collection 10/08	1		83,250.00	
	TOTAL			50,58,900.00	
	GST			9,10,602.00	
	TOTAL PO VALUE			59,69,502.00	
B	PO No. CMD2200413, Date 11-01-23	Nos.			
1.	Card Can Size 40" X 48"	190	Jumac Manufacturing Pvt. Ltd., Kolkata. (Indigenous)	12,54,000.00	Change in vendor.
2.	Card Can Size 24" X 48"	380		10,35,500.00	
3.	Card Can Size 20" X 48"	1550		34,87,500.00	
	TOTAL			57,77,000.00	
	GST			10,39,860.00	
	TOTAL PO VALUE			68,16,860.00	
C	PO No. CMD2200480, Date 28-01-23	Nos.			
1.	Ring Frame Bobbin	120000	Mokhsa Thermoplastics Pvt. Ltd. (Indigenous)	21,30,000.00	Change in vendor.
2.	Speed Frame Bobbin	32000		30,72,000.00	
	TOTAL			52,02,000.00	
	GST			9,36,360.00	
	TOTAL PO VALUE			61,38,360.00	
D	PO No. CMD2200414, Date 11-01-2023	Nos.			
1.	Sagar Auto Twin Head Cot Grinding Machine	1	Rishabh Sagar Textile Equipment's Pvt. Ltd, Ahmedabad. (Indigenous)	11,73,620.00	Change in vendor.
2.	Sagar Fully Motorised Eccentricity & Taper Tester Machine.	1		58,094.00	
3.	Sagar Hand Cot Mounting / De Mounting Mc.	1		23,179.00	
4.	Sagar Heavy duty Fully hydraulic Cot Mounting / De Mounting Machine.	1		1,81,618.00	
5.	Sagar Fully Automatic Top Roller Greasing machine with PLC	1		1,64,307.00	
6.	Sagar Fully Automatic Arbour Flushing Mc with PLC	1		2,17,120.00	
7.	Sagar Auto UV TOP Roller Treatment Mc.	1		3,87,294.00	
8.	Sagar Fluted Roller Trueing Machine	1		56,010.00	
9.	Sagar Spindle Oil Maintenance Machine.	1		1,59,758.00	
	TOTAL			24,21,000.00	
	GST			4,35,780.00	
	TOTAL PO VALUE			28,56,780.00	

.....The list of indigenous and imported machines **changed** in the Melange project as per purchase order is as under,

S No.	Description and Specification of material	Qty	Vendor / Make	PO Value (INR)	Remark
E PO No. CMD2200331, Date 19-10-2022					
1.	Fiber Dyeing 15 kg Machine -1	1 No.	Dalal Engineering Pvt. Ltd., Mumbai. (Indigenous).	46,24,000.00	Change in vendor.
2.	Fiber Dyeing 15 kg Machine -2	1 No.		39,38,000.00	
3.	Fiber Dyeing 50 kg Machine-1	1 No.		52,58,000.00	
4.	Fiber Dyeing 250 kg Machine-1	1 No.		88,59,000.00	
5.	Fiber Dyeing 250 kg Machine-2	1 No.		84,90,000.00	
6.	Fiber Dyeing 500 kg Machine-1	1 No.		1,03,35,000.00	
7.	Fiber Dyeing 2 kg Machine for Lab	1 No.		21,61,000.00	
8.	Fiber Dyeing 500 kg Machine-2	1 No.		1,03,35,000.00	
9.	Fiber Dyeing 15 kg Machine -2	1 No.		1,86,000.00	
	TOTAL			5,41,86,000.00	
	GST			97,53,480.00	
	TOTAL PO VALUE			6,39,39,480.00	
F PO No. CMD2200461, Date 23-01-2023					
1.	Hydraulic Pressing Machine for Fiber Cake (300 KG)	1 No.	Swastik Textile Engineers Pvt. Ltd., Ahmedabad (Indigenous).	31,70,500.00	Change in vendor.
2.	Hydro Extractor Model DL for 250 KG Fiber Cake	1 No.		21,37,750.00	
3.	Hydro Extractor Model S-1000 CP for 50 KG Broken Fiber Cake	1 No.		7,05,500.00	
	TOTAL			60,13,750.00	
	GST			10,82,475.00	
	TOTAL PO VALUE			70,96,225.00	
G PO No. CMD2200388, Date 13-12-2022					
1	Monga Strayfield Make Radio Frequency Dryer Model SO-130TS	1 No.	Monga Strayfield Pvt. Ltd., Pune (indigenous)	65,00,000.00	Change in vendor.
	TOTAL			65,00,000.00	
	GST			11,70,000.00	
	TOTAL PO VALUE			76,70,000.00	
H PO No. CMI2200037, Date 31-03-2023					
1	Spark Detector FM 1/8	78 Nos.	Fagus Grecon Greten GMBH, Germany. (imported)	Euro 18646.68	Change in vendor.
2	Line Module for CC 1000	1 No.		Euro 557.8100	
3	Line Module 4 lines Binding Posts	11 No.		Euro 8181.2500	
4	Spark Detector FM DLD 1/8A	1 No.		Euro 743.7500	
	Total PO Value			Euro 28129.49	
	Total PO Value (INR)			26,37,139.69	
	Freight/Clearing/DO Exp.			56,379.00	
	Total Landed Cost		26,93,518.69		

.....The list of indigenous and imported machines **changed** in the Melange project as per purchase order is as under,

S No.	Description and Specification of material	Qty	Vendor / Make	PO Value (INR)	Remark
I PO No. CMI2200038, Date 31-03-2023					
1	Metron 05 Power Line Metal	4 Nos.	Mesutronic	Euro 21250.00	Change in vendor.
	Total PO Value		Geratebau	Euro 21250.00	
	Total PO Value (INR)		GMBH,	19,92,187.50	
	Freight/Clearing/DO Exp.		Germany (imported)	1,45,542	
	Total Landed Cost			21,37,729.5	
J PO No. CMD230062, Date 03-05-23					
1.	Roving Opener	1 no.	Vishwa	5,05,000.00	New addition
	TOTAL		Engineering,	5,05,000.00	
	GST		Ahmedabad	90,900.00	
	TOTAL PO VALUE		(indigenous)	5,95,900.00	
K PO No. CSD230015, Date 18-04-23					
1.	Erection of Melange Project Machinery	As per PO	Universal MEP Proj. & Eng. Serv. Ltd., Indore	10,00,000.00	Earlier it was inhouse
	TOTAL			10,00,000.00	
	GST		(indigenous)	1,80,000.00	
	TOTAL PO VALUE			11,80,000.00	
L PO No. CSD230016, Date 20-04-23 – Engg Services					
1.	Blow room	1 No.	Shree Engineering, Prayagraj (indigenous)	50,000.00	Earlier the erection was planned inhouse.
2.	Card LC 361	15 Nos.		2,92,500.00	
3.	Draw Frame Twin Delivery LDB3	3 No.		21,000.00	
4.	LAP Former	1 No.		21,000.00	
5.	Comber LK 69	5 No.		1,20,000.00	
6.	Contamination Sorter	1 No.		7,000.00	
7.	MBO lines + Condenser	3 No.		50,000.00	
8.	MBO lines / Condenser for Toppling.	3 No.		45,000.00	
9.	MBO+MO for Sample Cards	1		16,000.00	
10.	Card LC 631	20 Nos.		3,90,000.00	
11.	Draw Frame Single Delivery LDB3	1 No.		7,000.00	
12.	Draw Frame Twin Delivery LDF3	7 No.		49,000.00	
13.	Speed Frame 140 Spindle 4280 E	6 No.		3,30,000.00	
14.	Ring Frame 720 Spindles (Auto doffer)	7 No.		2,92,320.00	
15.	Ring Frame 720 Spindles (Compact Auto doffer)	12 No.		5,27,040.00	
16.	Ring Frame 336 Spindles Manual)	2 No.		65,072.00	
17.	Ring Frame 240 Spindles Manual)	2 No.		56,000.00	
18.	Ring Frame 672 SPLS (Auto Doffer)	6 No.		2,40,000.00	
19.	Autoconers RM Type 72 Drum	5 No.		1,60,000.00	
20.	OHTC	35 No.		2,03,000.00	
21.	Yarn conditioning - 1250 kgs	1 No.		40,000.00	
22.	Erection Team for H Plant	7 No.		9,00,438.00	
23.	Erection Team for FDP / WCS	4 No.		72,000.00	
21.	Erection Team for Bale Press Manual	2 No.	78,000.00		

.....The list of indigenous and imported machines **changed** in the Melange project as per purchase order is as under,

S No.	Description and Specification of material	Qty	Vendor / Make	PO Value (INR)	Remark
22.	Erection Team for Bale Press Auto	2 No.		1,64,000.00	
23.	Draw Frame Twin Delivery LDB3	1 No.		8,000.00	
	TOTAL			42,00,000.00	
	GST			7,56,000.00	
	TOTAL PO VALUE			49,56,000.00	
M	PO No. CMD2200540, Date 15-03-23				
1.	Valves Material	Lot	Aar Industrial Products, Indore,	5,78,282.00	Change in vendor
	TOTAL		(indigenous)	5,78,282.00	
	GST			1,04,090.76	
	TOTAL PO VALUE			6,82,372.76	
N	PO No. CMD2200535, Date 15-03-23				
1.	Piping Material	Lot	Chaman Metal & Engineering Co., Mumbai.	4,23,498.60	Change in vendor
	TOTAL		(indigenous)	4,23,498.60	
	GST			76,229.75	
	TOTAL PO VALUE			4,99,728.35	
O	PO No. CMD2200541, Date 15-03-23				
1.	Globe Valve Material	Lot	Techno Vision Services, Indore.	3,63,623.00	Change in vendor
	TOTAL		(indigenous)	3,63,623.00	
	GST			65,452.14	
	TOTAL PO VALUE			4,29,075.14	
P	PO No. CMD2200471, Date 24-01-2023				
1.	Solenoid Valve 3/2 Way direct Acting Valve	2 nos.	Burkert India Pvt. Ltd., Chennai. (indigenous)	48,000.00	Change in vendor
2.	Diaphragm Valve 2/2 Way Servo Assist Valve	1 No.		55,000.00	
	TOTAL			1,03,000.00	
	Packing & Forwarding			2,060.00	
	GST			18,910.80	
	TOTAL PO VALUE			1,23,970.80	
Q	PO No. CMD220093, Date 17-01-23				
1.	Fabrication & Erection of MS Tanks 25 KL	4 Nos,	Rayon Applied Engineers, Indore,	88,000.00	Change in vendor
	TOTAL		(indigenous)	88,000.00	
	GST			15,840.00	
	TOTAL PO VALUE			1,03,840.00	
R	PO No. CMD2200484, Date 04-02-2023				
1.	Wet Fiber Opener	1 no.	Astha Taconic Pvt. Ltd. Ahmedabad	3,15,000.00	Change in vendor
	TOTAL		(indigenous)	3,15,000.00	
	GST			56,700.00	
	TOTAL PO VALUE			3,71,700.00	

The cost of indigenous and imported machines (**vendor changed**) in the Melange project as per purchase order is as under,

TOTAL COST

Particulars of Indigenous machines	Amount (INR)
Total Value.	9,27,37,113.60
Add Installation and incidental expenses @7%	64,91,597.95
Total Value including Installation and incidental expenses	9,92,28,711.55
GST on Installation and incidental expenses @18%	11,68,487.63
Total GST	1,78,61,168.08
Grand total – Indigenous	11,70,89,879.63

Particulars of Imported machines	Amount (INR)
Grand Total PO Value (INR)	48,31,248.189
Add Installation and incidental expenses @ 7%	3,38,187.37
Grand Total PO Value (INR) with Installation and incidental expenses	51,69,435.56

TOTAL COST IN CHANGES IN PROJECT MACHINES

S No.	Description and Specification of material	Total PO Value (INR)
1	Indigenous Machines	11,70,89,879.63
2	Imported Machines	51,69,435.56
	TOTAL	12,22,59,315.19
	Say	INR 12.23 Cr.

The total value of vendor changed project machines is INR 12.23 Cr. We have compared the changes with the original list in next chapter.

COMPARISON OF COST

.....6

The cost of vendor change project machines is compared with original report (old value) as under,

S No.	Purchase Order (vendor change)	Description	New Vendor	PO Value (INR)	PO Value (INR in Cr)	Old Value (INR in Cr)
A	PO No. CMD2200522, Date 04-03-23	OHTC	Elgi	59,69,502	0.5970	0.8751
B	PO No. CMD2200413, Date 11-01-23	Card Can	Jumac	68,16,860	0.6817	1.14
C	PO No. CMD2200480, Date 28-01-23	Bobbins	Moksha	61,38,360	0.6138	0.5469
D	PO No. CMD2200414, Date 11-01-2023	Maintenance	Rishabh	28,56,780	0.2857	0.6231
E	PO No. CMD2200331, Date 19-10-2022	Fiber Dyeing	Dalal	6,39,39,480	6.3939	6.97
F	PO No. CMD2200461, Date 23-01-2023	Hydro	Swastik	70,96,225	0.7096	1.08
G	PO No. CMD2200388, Date 13-12-2022	RF Dryer	Monga	76,70,000	0.7670	0.3342
H	PO No. CMI2200037, Date 31-03-2023	Spark detector	Fagus	26,93,518.69	0.2694	1.18
I	PO No. CMI2200038, Date 31-03-2023	Metron	Mesutronic	21,37,729.50	0.2138	
J	PO No. CMD230062, Date 03-05-23	Roving opener	Vishwa	5,95,900	0.0596	
K	PO No. CSD230015, Date 18-04-23	Erection	Universal	11,80,000	0.1180	Earlier inhouse planned.
L	PO No. CSD230016, Date 20-04-23	Erection	Shree Engg.	49,56,000	0.4956	
M	PO No. CMD2200540, Date 15-03-23	Valves	AAR	6,82,372.76	0.0682	included in dyeing
N.	PO No. CMD2200535, Date 15-03-23	Piping	Chaman	4,99,728.35	0.0500	
O.	PO No. CMD2200541, Date 15-03-23	Globe Valve	Techno	4,29,075.14	0.0429	
P.	PO No. CMD2200471, Date 24-01-2023	Valves	Burkert	1,23,970.80	0.0124	
Q	PO No. CMD220093, Date 17-01-23	Ms Tanks	Rayon	88,000.00	0.0088	

The cost of vendor change project machines is compared with original report as under,

S No.	Purchase Order (vendor change)	Description	New Vendor	PO Value (INR)	PO Value (INR in Cr)	Old Value (INR in Cr)
R.	PO No. CMD2200484, Date 04-02-2023	Wet Fiber opener	Astha	3,71,700	0.0372	0.0796
	SUB TOTAL				11.4245	12.8289
	Add Installation and incidental expenses @7% for indigenous machinery.			64,91,598	0.6492	-
	Add Installation and incidental expenses @ 7% for imported machinery			3,38,187.37	0.0338	-
	SUB TOTAL				0.6830	-
	GST on installation				0.1229	-
	TOTAL installation				0.8059	-
	GRAND TOTAL				12.2304	12.8289

Upon change of vendor of project machinery as listed above, it is observed that there is no significant change in project cost.

Think.Innovate.Create

DISCLAIMERS

.....7

- The Addendum to TEV Study report is issued based on instructions from Bank.
- We have not inspected the project site. The Addendum is issued based on the documents and information furnished to us.
- We have assessed the effect on technical viability upon change of vendors of few project machinery and addition of erection services.
- TEV Appraiser / consultant should not be held responsible if there is any conclusion / opinion from others about the viability of the project activities undertaken by the company prior to change in vendors.
- The Addendum to Techno Economic Viability (TEV) study Report is submitted on the basis that this Report & its contents will be held in complete confidence. Accordingly, by accepting a copy of this report, the recipient agrees to keep its contents and any other information, which is disclosed to such recipient, confidential and shall not divulge, distribute or disseminate any information contained herein, in part or in full, without the prior written approval of **Vastukala Consulting (I) Pvt. Ltd.** The Addendum to TEV Study report has been prepared for private circulation to the bankers for evaluating the Project This report is purely an opinion and has no legal or contractual obligation on consultant part. We have no direct or indirect interest in the company, its directors, or its project.

DATE: - 18/09/2023

PLACE: - Mumbai

Vastukala Consultants (I) Pvt. Ltd

Sharadkumar
B. Chalikwar

Digitally signed by Sharadkumar
B. Chalikwar
DN: cn=Sharadkumar B.
Chalikwar, o=Vastukala
Consultants (I) Pvt. Ltd., ou=CMD,
email=cmd@vastukala.org, c=IN
Date: 2023.09.18 15:53:20 +05'30'



Sharadkumar B. Chalikwar
Registered Valuer
Chartered Engineer (India)
Reg. No. CAT-I-F-1763