

Caution
24/09/18

80% Payment Release
20% Payment Hold
Machinery & Equip.
lajpat kumar 09/24/2018 11:20:01

IL EPSF Department User

Home Logout Preferences Help Diagnostics

Approval Budget Execution Bidding Order Order Mgt Import PO Receipt Verification Affiliate Transfer Setup

Local Receipt List

Receipt Local Receipt List >

Create Payment Submission

Back

Header

Payment Submission No. ILPDGZ1809246994

Request Date 24-Sep-2018

Requested by RAWAT GAURAV, RAWAT GAURAV SH. SATYAPAL SINGH RAWAT (RAC= Prod. Engg/)

Title PURCHASE OF HANGER FOR 3D CONVEYOR

1. Contents

OK

2. Payment Summary

Voucher Batch Name: EAIL-FINEPS LOCAL-25513-180924-68753

Accounting Unit	Basic Currency Code	Total		Invest		Expense		Supplies	
		Order	Receipt	Order	Receipt	Order	Receipt	Order	Receipt
RAC AD	INR	406,000.00	406,000.00	406,000.00	406,000.00	0.00	0.00	0.00	0.00
Total		406,000.00	406,000.00	406,000.00	406,000.00	0.00	0.00	0.00	0.00

Approvals

Approval Type	Approval Status	Approved Date	Approver/Comment
APPROVAL	APPROVED	24-Sep-2018 09:51	MISHRA, ATUL SHR R P MISHRA(WM D RAC = Prod. Engg &)
ACRPT	APPROVED		JHAMNANI, JITENDER JHAMNANI, JITENDER NARAIN JHAMNANI(Noida Accounting)

File Attach

.File	Description
35-959-00-17.pdf [5347710 Bytes]	

Payment Details

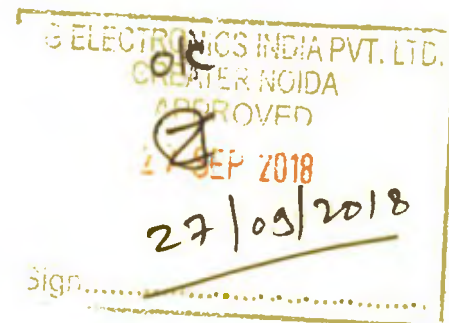
Supplier	Order Submission No.	Order Submission Title	Accounting Unit	Payment Condition	Currency Code	Order Payment Amount	Invoice Date	Net Amount	Completion Report Date	Provision Status	Voucher No.
S S ENGINEERING WORKS NOIDA (I)	ILPDGZ1809246994	PURCHASE OF HANGER FOR 3D CONVEYOR	RAC AD	Part payment	INR	406,000.00	19-Sep-2018	406,000.00		NA	

Approval Budget Execution Bidding Order Order Mgt Import PO Receipt Verification Affiliate Transfer Setup Home Logout Preferences Help Diagnostics

About this Page

D4218ME000030

New 31-oct-2018



IL EPSF Department User

Home Logout Preferences Help Diagnostics

Approval Budget Execution Bidding Order Order Mgt Import PO Receipt Verification Affiliate Transfer Setup

Local Receipt List

Receipt Local Receipt List > Create Payment Submission >

Voucher Entry

View Order Submission

Back

Order Summary

Order Submission No: **1L0DGZ1809210451**
 Order Submission Title: **PURCHASE OF HANGER FOR 3D CONVEYOR**
 Payment Condition: **Part payment**

Voucher Information

Voucher No: **INV-017**
 Voucher Status: **APPROVING**
 Payment Submission: **1LPDGZ1809246994**
 No:
 Payment Submission: **PURCHASE OF HANGER FOR 3D CONVEYOR**
 Title:
 Voucher Batch Name: **EAIL-FINEPS_LOCAL-25513-180924-68753**

Invoice Information

Invoice Type: **GENERAL INVOICE**
 Invoice No: **INV-017**
 Invoice Received Date:
 Invoice Date: **19-Sep-2018**
 * Accounting Date: **24-Sep-2018**
 Supplier Code: **IND03626**
 Supplier Name: **A.S.ENGINEERING WORKS, NOIDA**
 Gst No: **09AQAPS0609M1ZM**
 India Tax DFF:
 LGE Name: **LG Electronics India (PVT.) Ltd**
 LGE Biz-No: **AAACL1745Q**
 Invoice Currency: **INR**
 Payment Term: **Domestic 15 Days End of Month Arrival Date**
 Payment Method: **MASS_PAY**
 Payment Group: **REGULAR**
 Terms Date/Due Date: **19-Sep-2018 30-Sep-2018**

Waybill Information

Nature of Job: **Material**
 Bill To State: **Uttar Pradesh**
 Waybill Number:
 Bill From State: **Uttar Pradesh**
 Waybill Type:
 Waybill Amount:

Tax Information

* (A) Net Amount: **406,000.00**
 Tax Base Amount: **406,000.00**

Tax Classification: **[M2] Purchase (CGST + SGST) 9.0%**

Tax rate code	Tax rate name	Tax base	Tax Rate (%)	Tax Amount	Non-deduction Rate(%)	Non-deduction Amount	OFF DFF Auto/Input
ILP_SGST_090	Purchase S-GST 9%	406,000.00	9	36,540.00	0	0.00	AUTO
ILP_CGST_090	Purchase C-GST 9%	406,000.00	9	36,540.00	0	0.00	AUTO

(C) Tax Amount Total: **73,080.00**
 (D) Non-deduction Amount Total: **0.00**
 (E)=A+B+C+D Total Amount: **479,080.00**
 (F) Agreed Penalty:
 (G)=E+F Payment Amount: **479,080.00**

Item Information

Seq.	Item Type	Item Name	HS Code	SAC	Spec. MakerName Qty	Unit Price	Item Amount	(H) Item Payment Amount
1		INVESTMENT PURCHASE OF HANGER FOR 3D CONVEYOR	8429		1	406,000.00	406,000.00	406,000.00
Total						1	406000	406000

Approval Budget Execution Bidding Order Order Mgt Import PO Receipt Verification Affiliate Transfer Setup Home Logout Preferences Help Diagnostics

About this Page

A.S. Engineering Works

83, Luharpura, Near Bhatia Mode,
G.T. Road
Ghaziabad 201001 Uttar Pradesh India
+91-9990054046
a.s.engineering@gmail.com
GSTIN 09AQAPS0609M1ZM

ORIGINAL

TAX INVOICE

#	: INV-017	Challan No	: 180 / 181 / 182 / 184 / 185 /
Invoice Date	: 19 Sep 2018		192
Party P.O.#	: LGEIL/RAC/PE/INV/1808/046	Vehicle No	: UP 14 ET 7339
	LGEIL/RAC/PE/INV/1807/0418		

Details of Receiver (Billed To)**LG Electronics**

LG Electronics Pvt Ltd
Plot No 51, Udyog Vihar
Greater Noida
Uttar Pradesh
India
GSTIN 09AAACL1745Q1Z2

#	Item & Description	Qty	Rate	CGST		SGST		Amount
				%	Amt	%	Amt	
1	HANGER WITH HANGER METARIAL a. Green Mat b. Partition c. 50 OD x 60 MM d. P P Flat	140.00	2,900.00	9%	36,540.00	9%	36,540.00	4,06,000.00

Total In Words
Rupees four lakh seventy-nine thousand eighty

Thanks for your business.

Terms & Conditions ::

1. Goods once sold will not be taken back or exchanged.
2. Interest @ 18% p.a. will be charged if any amount remains outstanding on presentation.
3. All disputes are subject to Ghaziabad Jurisdiction only.
4. Our responsibility ceases after delivery of goods from office or warehouse or factory.

Sub Total 4,06,000.00

CGST9 (9%) 36,540.00

SGST9 (9%) 36,540.00

Total ₹4,79,080.00

For A.S. Engineering Works
For A.S. ENGINEERING WORKS

Janish
Proprietor

Authorized Signatory

• Remark- Please hold 20% of payment, Work Quality not per expectation
Vendor need to improve.

ey
20/9/18

19/09/18
17.32
15052
017
123

TECHNICALS (P) LTD & NOIDA

Chatter no-180,181,182,184,185,192-



E - WAY BILL SYSTEM



e-Way Bill



E-Way Bill No: **4110 2729 4787**
E-Way Bill Date: **19/09/2018 11:01 AM**
Generated By: **09AQA PS060 9M1ZM - M/S A S ENGG WORKS**
Valid From: **19/09/2018 11:01 AM [35Kms]**
Valid Until: **20/09/2018**

Part - A

GSTIN of Supplier: **09AQAPS0609M1ZM,M/S A S ENGG WORKS**
Place of Dispatch: **GHAZIABAD,UTTAR PRADESH-201001**
GSTIN of Recipient: **GSTIN : 09AAA CL174 5Q1Z2 ,LG ELECTRONICS INDIA PRIVATE LIMITED**
Place of Delivery: **Greater Noida,UTTAR PRADESH-201306**
Document No.: **017**
Document Date: **19/09/2018**
Value of Goods: **₹ 479080**
HSN Code: **8429 - HANGER WITH HANGER METARIAL**
Reason for Transportation: **Outward - Supply**
Transporter:

Part - B

Mode	Vehicle / Trans Doc No & Dt.	From	Entered Date	Entered By	CEWB No. (If any)	Multi Veh.Info (If any)
Road	UP14ET7339	GHAZIABAD	19/09/2018 11 01 AM	09AQAPS0609M1ZM	+	+



411027294787



LG Electronics India Pvt. Ltd.

Plot No. 51, Udyog Vihar, Surajpur Khasa Road, Greater Noida - 201306 (U.P.) India
 Tel: 0120-7180484 Fax: 0120-7180484 Email: lalit4.kumar@lge.com Website: www.lge.com

PURCHASE ORDER

AS Engineering Works
 83-A, Luharpura, G.T.Road
 Ghaziabad

Date : 06/08/2018
 PO No. : LGEIL/RAC/PE/INV/1807/041B

We are pleased to place the Purchase Order with you for the same with following details :

Sr.No.	Item Description	Qty.	Units	Unit Price (Rs.)	Amount (Rs.)
1	Hanger	140	Nos	2,000.00	280,000.00
Basic Total					280,000.00
All Govt. Taxes Extra					

Penalty : Penalty will be deducted 2% Per day after due date.

Delivery Address : LG Electronics India Pvt Ltd, 51, Udyog Vihar, Greater Noida.

Delivery Date : By 14 August 2018 at LGEIL

Partial Shipment : Allowed

Invoice Gate Entry : Gate Entry is mandatory on Invoice at the time of material delivery

Road Permit : Token No. should be requested 3 days before dispatch of material
 Mr. Lalit [Email: lalit4.kumar@lge.com ; Mob. No-0120-7180484]

Gate Entry : For delivery, pls. contact one day in advance to provide details of person coming for delivery to following e-mail & phone
 Mr. Lalit [Email: lalit4.kumar@lge.com ; Mob. No-0120-7180484]

Material /Bill Receiving : Mr Rajesh Kashyap Contact No: 9953555282
 Material should be delivered inside factory & receiving is not allowed at Gate

Payment Terms : Payment after 30 days of receipt of material and submission of bills at LGEIL.

Payment Queries : Mr. Lalit [Email: lalit4.kumar@lge.com , Mob. No-0120-7180484]

Form Queries : Email Id: aniruddh.sharma@lge.com

Please attach Purchase order Copy with Invoice for proper gate entry at LGEIL.

Please return the copy of this Purchase Order duly signed as a token of order acceptance.

Yours Faithfully,
 For LG Electronics India Pvt Ltd

(Signature)
 6/8/18

Gaurav Rawat
 Sr. Engg.-Production Engineering

(Signature)

Atul Mishra
 AGM-Production Engineering



LG Electronics India Pvt. Ltd.

PURCHASE ORDER

AS Engineering Works
83-A, Luharpura, G.T.Road
Ghaziabad

Date : 09/08/2018
PO No. : LGEIL/RAC/PE/INV/1808/046

We are pleased to place the Purchase Order with you for the same with following details :

Sr.No	Item Description	Qty.	Units	Unit Price (Rs.)	Amount (Rs.)
1	HANGAR MAT a. Green Mat Size : 635 X 400 X 3 MM 2 NOS : 415 X 425 X 3 MM 1NOS b. Partition Size : 200 X 400 X 4 MM 2NOS : 230 X 400 X 4 MM 1NOS c. 500D X 60MM d. P P Flat : 150 X 25X 16 MM 2 NOS	140	Nos	900.00	126,000.00
Basic Total					126,000.00
All Govt. Taxes Extra					

- Penalty : Penalty will be deducted 2% Per day after due date.
- Delivery Address : LG Electronics India Pvt Ltd, 51, Udyog Vihar, Greater Noida.
- Delivery Date : By 14 August'2018 at LGEIL
- Partial Shipment : Allowed
- Invoice Gate Entry : Gate Entry is mandatory on Invoice at the time of material delivery
- Road Permit : Token No. should be requested 3 days before dispatch of material
Mr. Lalit [Email- lalit4.kumar@lge.com ; Mob. No-0120-7180484]
- Gate Entry : For delivery, pls. contact one day in advance to provide details of person coming for delivery to following e-mail & phone
Mr. Lalit [Email- lalit4.kumar@lge.com ; Mob. No-0120-7180484]
- Material /Bill Receiving : Mr Pradeep Contact No: 9958240365
Material should be delivered inside factory & receiving is not allowed at Gate
- Payment Terms : Payment after 30 days of receipt of material and submission of bills at LGEIL
- Payment Queries : Mr. Lalit [Email- lalit4.kumar@lge.com ; Mob. No-0120-7180484]
- C Form Queries : Email Id: aniruddh.sharma@lge.com
- Please attach Purchase order Copy with Invoice for proper gate entry at LGEIL.
- Please return the copy of this Purchase Order duly signed as a token of order acceptance.

Yours Faithfully,
For LG Electronics India Pvt Ltd


Gaurav Rawat
Sr. Engg.-Production Engineering


Atul Mishra
AGM-Production Engineering

The (Date/Creation Date, Approved Date, Check Date) is based on Korean standard time(GMT+9)

Subject APPROVAL FOR ESD & GREEN MAT PARTITION, MECHINED FIXTURE FOR HANGERS

Created Date 8 Aug. 2018 07:26 (Korea Time)

Requested GAURAV RAWAT(LGEIL RAC - Prod. Engg/sr.engineer II 91 by 0120-2565-0900)

Rs Lacs

Category	Head	Details
Approval No.		Investment LGEIL/RAC/PE/INV/1808/046
Budget	Year Total	564
Amount	(A) YTD-Dec-2018	564
Progress Status	(B) Amt	249
(YTD-Utilization prior to this Approval)	(C) %	44%
Execution Status	(C) / (B)	1.26
(Current Approval Amount)	Amt (D) %	0%
Total Utilization	(D) / (B)	250
Balance	Amt (E) = (C)+(D)	314
	Year Total	314
	(A) - (E)	314
	YTD-Year	
	(B) - (E)	

Item Description	ESD & Green mat partition, Machined fixture for hangers
Amount (Rs)	1,26,000/-
Why Required (Purpose)	To avoid damage of components
Required For (Machine Name / Line)	Over head conveyor/A1 line
Decided vendor	A S Engineering works
Justification for selection of vendor	Regular Vendor for this type of job
Nature of Budget	PE RAC Investment Budget 2018
Payment Terms	30 days after receiving of material

Annexure: LGEIL/RAC/PE/INV/1808/046

S.No.	Item	Unit	Qty	A. S. Engineering works			
				Quote Price (INR)		Nego Price (INR)	
				Unit Price	Total price	Unit Price	Total price
1	HANGAR MAT						
	a Green Mat Size 635 X 400 X 3 MM 2 NOS						
	415 X 425 X 3 MM 1NOS						
	b Partition Size 200 X 400 X 4 MM 2NOS						
	230 X 400 X 4 MM 1NOS						
	c 500D X 60MM						
	d P P Flat 150 X 25X 16 MM 2 NOS						
		Nos	140	900.00	126,000.00	900.00	126,000.00
Sub Total					126,000.00		126,000.00

ALL Govt. Taxes & Freight Extra

Over Head Part Feeding – 3D Conveyor

Project: To Improve Operator Pitch thru change in Part Feeding System

Issue: High congestion on line & multiple line stoppages due to parts feeding on line separately

Solution: By the implementation of Over head Conveyor

1. Layout

As Is

Part Depot
Part Depot d Part
feed to line thru
overhead conveyor

❖ After

To Be

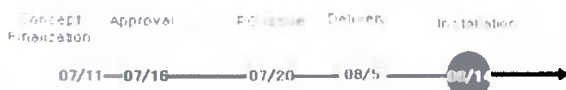
• Issue

- 1) High congestion on line
- 2) High MP Count
- 3) Multiple line stoppages due to parts feeding on line separately

• Benefits:

- 1) MP Optimization - 5 → 3 (U3 L)
- 2) Part feeding/Recycle reduce (221kMtr → 68KMtrs)/shift
- 3) Line look improved

Time Schedule



♦ Quantitative effects

♦ MP Reduction

	Before	After
MP	06	03 MP
		03

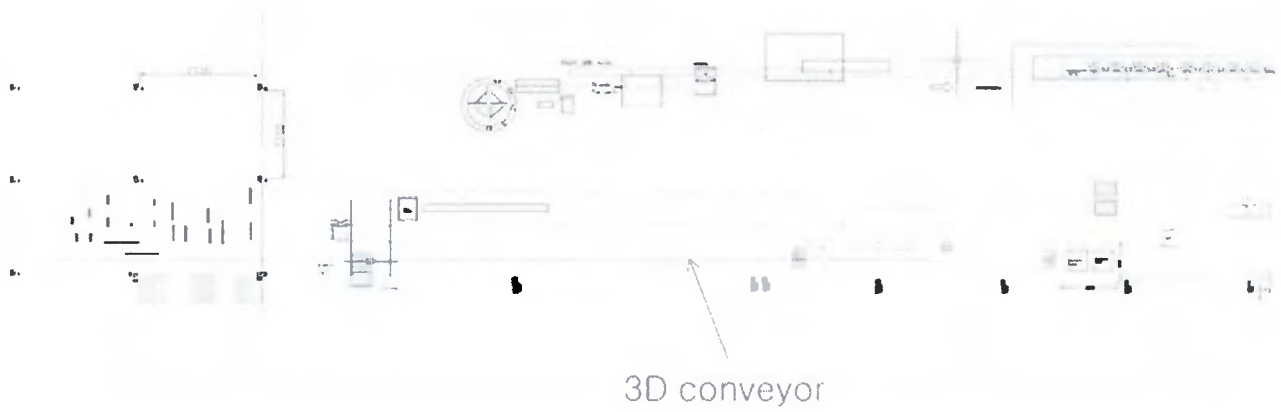
♦ Feed Recycle path reduction

	Before	After
Feed Recycle	22	70%
	1	68

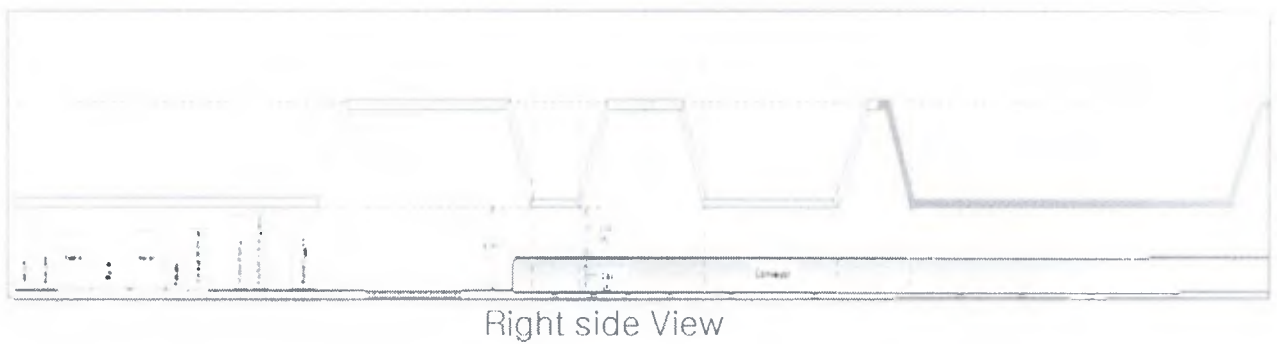
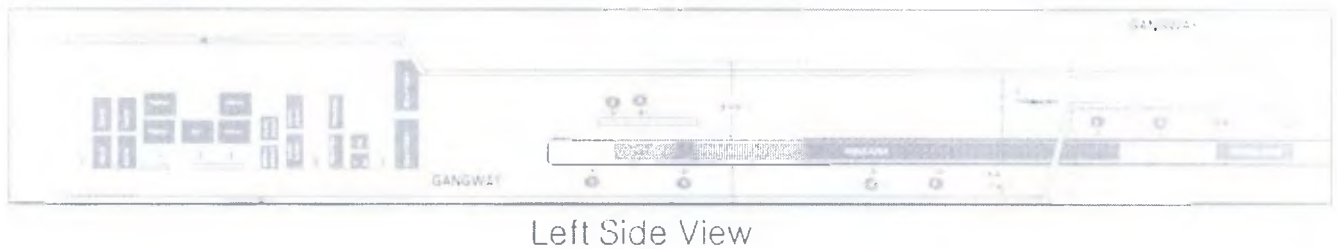
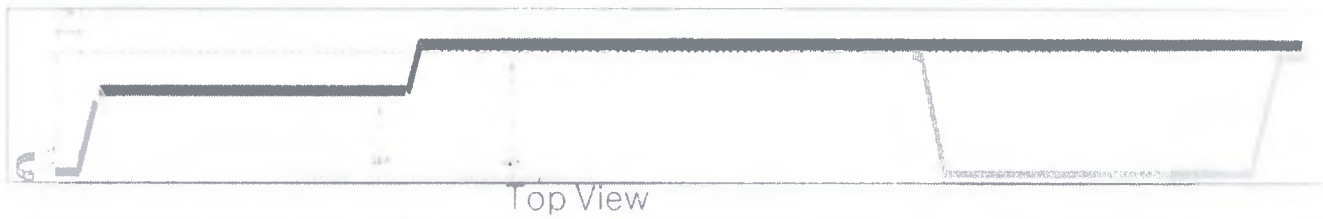
♦ Operator Pitch High

	Before	After
Operator Pitch	40	1.3
	0.9	

Layout Top view



Layout



Over Head Part Feeding – 3D Conveyor

Activity and schedule

RAC Line Project Activity details and status

No	Approval Type	Status	Approved Date	Approved by / Comment
Approval Line	1	결재	승인완료	8 Aug. 2018 12:32 ATUL MISHRA(LGEIL WM & RAC - Prod. Engg/Part Leader) Comment OK. ESD green mat reqd. for 3D Conveyor hanger
	2	결재	승인완료	9 Aug. 2018 06:34 박진규(LGEIL FSE Production/책임) Comment ok..
	3	결재	승인완료	10 Aug. 2018 16:13 DINESH LUNAWAT(LGEIL Planning & Strategy/Team Leader) Comment Ok.RAC PE Investment budget.
	4	결재	승인완료	11 Aug. 2018 08:41 ANIL KUMAR(LGEIL Factory Head - Noida/Department Leader) Comment OK.

CC LalitKumar(WMC - Prod. Engg/LOCAL EMPLOYEE)

Attached Files COSTING SHEET-double.xlsx
Quotation For HANGAR MAT.docx

EDMS	Retention	5 Year
Attributes	Access	*LG Electronics; *LGEIL RAC - Prod. Engg

Security Grade	Browse.Download
Permission	Browse.Download

Created Date: 2018-07-16 20:37 (Korea Time)

Requested by: GAURAV RAWAT (LGEIL RAC - Prod. Engg / sr.engineer II . 91-0120-2565-0900)

Subject: APPROVAL FOR 3D CONVEYOR

Retention: 5 Year

Security Grade: Browse;Download

Tag: UNUSE

Access: *LG Electronics,*LGEIL RAC - Prod. Engg

Permission: Browse;Download

Rs. Lacs

Category	Head	Details
Approval No.		LGEIL/RAC/PE/INV/1807/041
Budget	Year Total	564
Amount	(A)	
	YTD-Dec-2018	564
	(B)	
Progress Status	Amt	213
(YTD-Utilization prior to this Approval)	(C)	
	%	38%
	(C) / (B)	
Execution Status	Amt (D)	16.84
(Current Approval Amount)	%	3%
	(D) / (B)	
	Amt	230
Total Utilization	(E) = (C)+(D)	
	%	41%
	(E) / (B)	
Balance	Year Total	334
	(A) - (E)	
	YTD-Year	334
	(B) - (E)	

Investment Approval

Div/Dept	Activity	Category	Amt	Investment Objective
RAC/QA	Over Head Part Feeding - 3D Conveyor		INR: 16.84 Lacs (Taxes & Freight Extra)	Quality Productivity, Safety, Capacity. New Model Part Feeding Other

Purpose/Detail
 To improve Operator Pitch thru change in Part Feeding System

Pictorial Illustration

As-Is II

Proposed

Activity Code DQZ18ME000028

Last Purchased Detail Part of Asset / Standard Spare / New Item

Last Purchased Cost NA

Old Asset Detail NA

Benefit

- 1) MP Optimization - 6 → 3 (33%)
- 2) Partfeeding/Recycle reduce 100 L/min → 60 KMtrs/shift
- 3) Line look improved

Time Schedule

Approval PD issue Installation

07/11 → 07/16 → 07/26 → 08/5 → 08/14

ROIC

	Contents	Unit	Cost
Investment		INR	25.1
RMC		INR	10
Saving	Manpower	INR	11.5
	other	INR	0.5
	Total Saving	INR	12
ROI		Year	0.5

Installation Location

1. A1 Line

Over Head Part Feeding – 3D Conveyor

❑ **Project:** To Improve Operator Pitch thru change in Part Feeding System

❑ **Issue:** High congestion on line & multiple line stoppages due to parts feeding on line separately

❑ **Solution:** By the implementation of Over head Conveyor

1. Layout



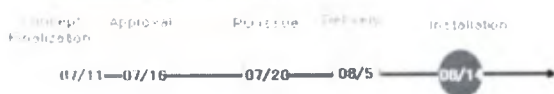
• Issue

- 1) High congestion on line
- 2) High MP Count
- 3) Multiple line stoppages due to parts feeding on line separately

• Benefits:

- 1) MP Optimization = 6 → 3 (03%)
- 2) Part feeding / Recycle reduce (21.16 Mtr → 6.86 Mtr/shift)
- 3) Line lock improved

Time Schedule



❖ Quantitative effects

❖ MP Reduction

Before	After
06	03 MP
	03

❖ Feed / Recycle path reduction

Before	After
22	70%
1	68

❖ Operator Pitch Imp

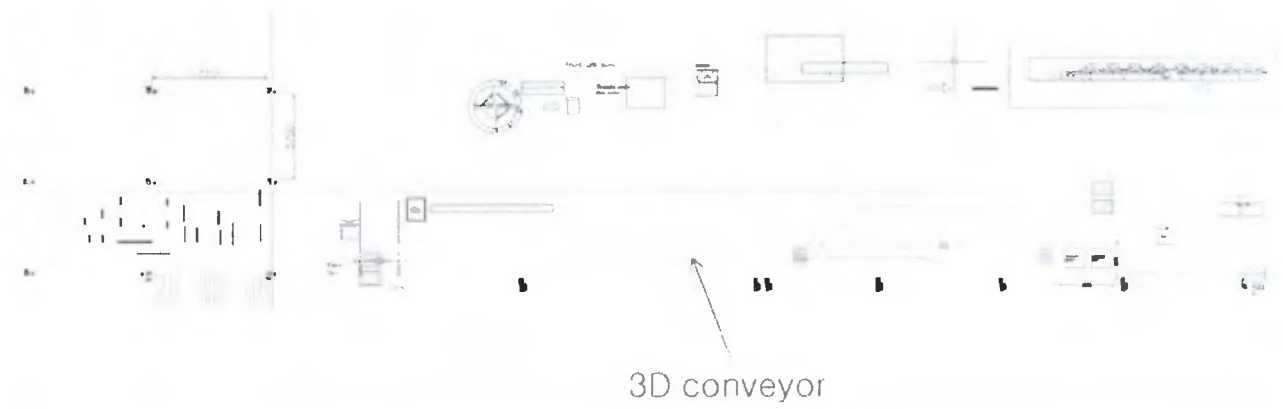
Before	After
30%	1.3
0.9	

Over Head Part Feeding – 3D Conveyor

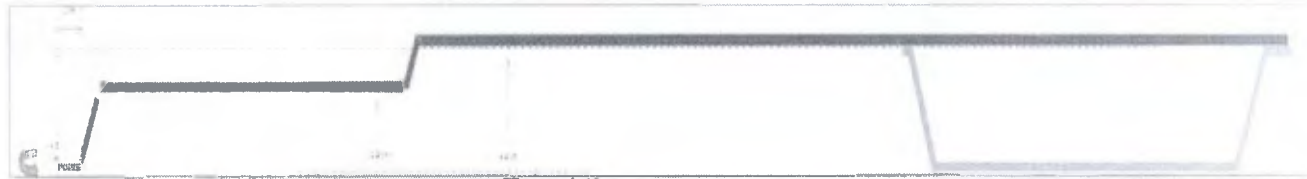
3. Expected Investment & ROI

N O.	Division	Item	Vendor	Quantity	Investment cost (INR)	Investment cost (USD)	Remarks
1	3D Conveyor	Bend Vertical 135° & 225°	Chunil Junweon Engineering	10 Nos/Each	40 000	597	
2		Bend Horizontal 135° & 225°		10 Nos/Each	40 000	597	
4		Horizontal bend 90° left		06 Nos	36 000	538	
5		Horizontal bend 90° right		06 Nos	36 000	538	
6		Hanger	A S Engineering/PMS Man	140 Nos	2 80 000	4 179	
7		Mechanical Structure	Atlength/SSS	-	4 02 000	6 000	
8		Dismantling / Installation & Commissioning	Vinoothana	-	8 00 000	11 940	
9		Cables and electrical work	Chanda/Baba/Chara mdas	-	50 000	746	
Total Investment					16 84 000	23 155	
Total Benefit						23 400	3 persons 7.8K USD per person
ROI						1.07	

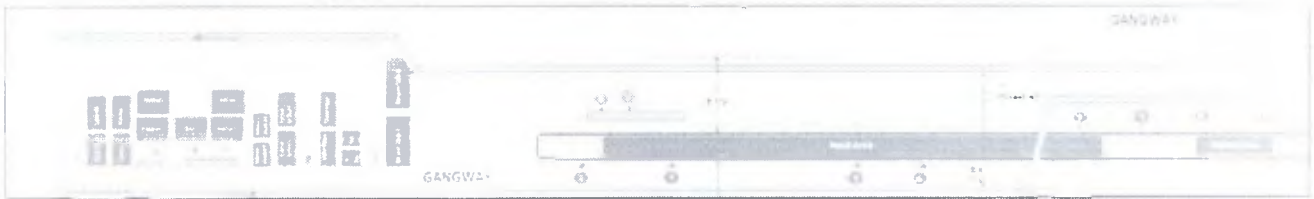
Layout Top view



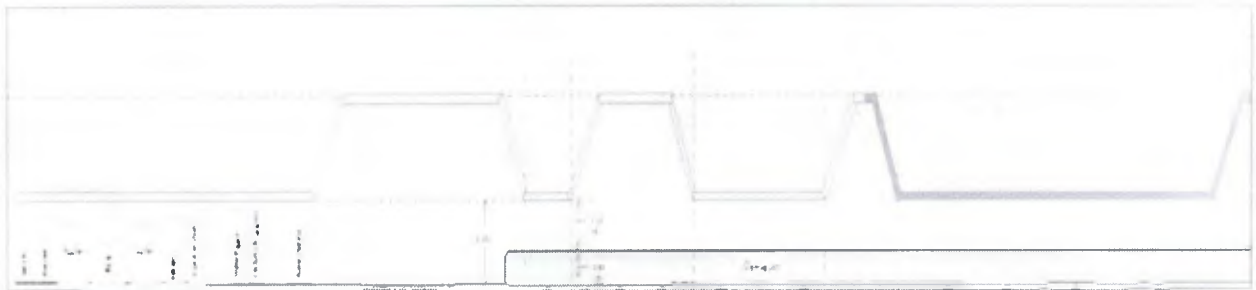
Layout



Top View

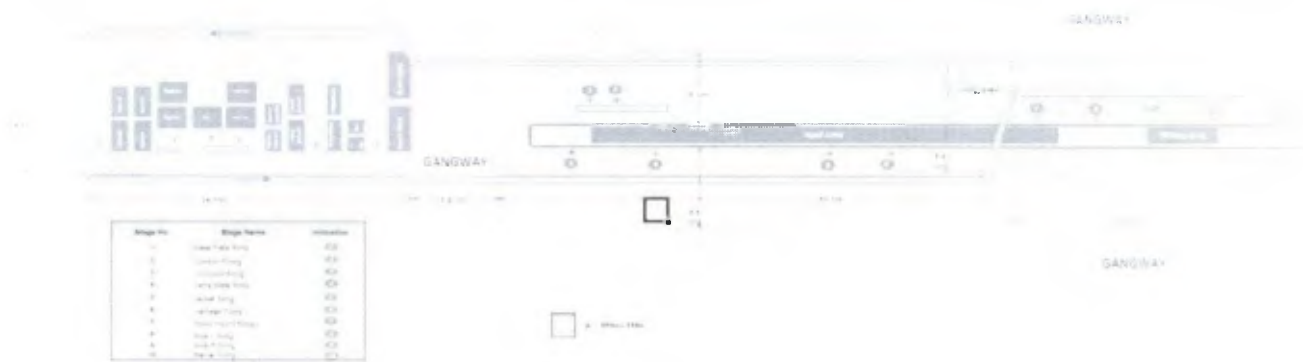


Left Side View

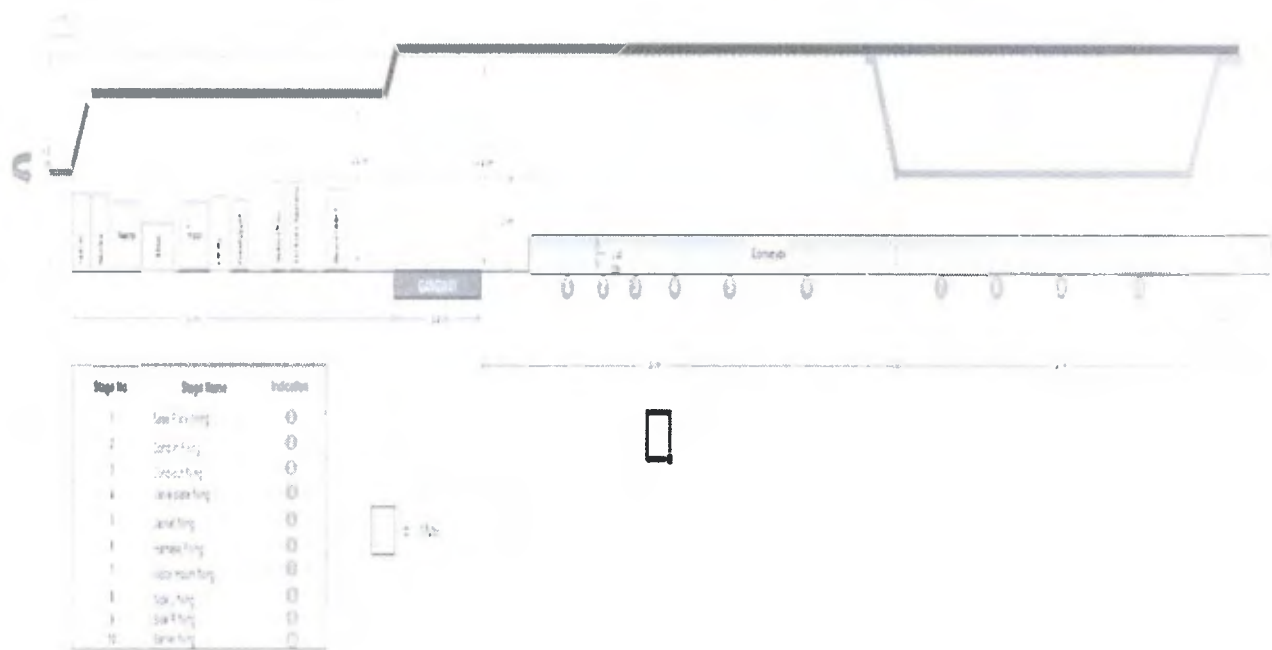


Right side View

TOP VIEW



LEFT SIDE VIEW



RIGHT SIDE VIEW

NO	Approval Type	Status	Approved Date
Approval	Approved	2018-07-17 12:06	ATUL MISHRA (LGEIL WM & RAC - Prod. Engg / Part Leader) OK. Overhead conveyor for part feeding - 3 MP Saving/ Shift
Approval	Approved	2018-07-17 16:28	ANANGPAL SHEORAN (LGEIL RAC & PCB Production / Part Leader) OK-
Approval	Approved	2018-07-17 19:29	Jingyue Park (LGEIL FSE Production / Professional) Ok. Checked.
Approval	Approved	2018-07-17 20:33	DINESH LUNAWAT (LGEIL Planning & Strategy / Team Leader) Agree. RAC PE Investment Budget.
Approval	Approved	2018-07-18 02:29	ANIL KUMAR (LGEIL Factory Head - Noida / Department Leader) OK.
Approval	Approved	2018-07-23 13:37	Jae Youl Jung (LGEIL Noida Manufacturing CFO / Department Leader) ok
Approval	Approved	2018-07-25 18:20	Tae Wan Kim (LGEIL Noida Manufacturing / Vice President/President) OK

Lalit Kumar (LGEIL WMC - Prod. Engg / LOCAL EMPLOYEE)

3D Conveyer RAC 20180716.pptx
3D Conveyer RAC 20180716.pptx

CNTR_NO IL-CT180800019

Contract

Contract Number IL-CT180800019

Contract Date 2018 / 08 / 06
(YYYY/MM/DD)Contract Name Hanger for Overhead Part Feeding 3D
Conveyor

Buyer LG Electronics India Private Limited

A Wing, (3rd Floor), D -3 District center Saket New
Delhi -110017

CEO Kim, Kiwan

Supplier A.ENGINEERING WORKS_NOIDA

83 A LUHARPURA G.T.ROAD GHAZIABAD, PIN
201001, UP

Representative ABDUL SALAM

Contract Amount	(INR) 280,000.00
Contract Period	2018 / 08 / 06 - 2018 / 11 / 30 (YYYY/MM/DD)

Purchase Details

No	Item Code	Name		
		Specification		
Curr	Qty.	Unit	Unit Price	Amount
1		Hanger for Over Head Part Feeding – 3D Conveyor		
		As per annexure		
INR	140.00	LOT	2,000.00	280,000.00