Lalit
513115

IL EPSF Department User

Local Receipt List

Receipt: Local Receipt List >

Create Payment Submission

Back

Header

Payment Submission No. **ILPCCZ1903025126**

Request Date **02-Mar-2019**

Requested by **KUMAR, AJAY . KUMAR, AJAY NIRMAL RAM (COM - Prod. Engg/)**

Title **PURCHASE OF REMOTE CONTROLLER FOR ASSY CM1 CO2 WELDING LIFE OVER PANASONIC TRANFORMER UPGRADE TO DAIHEN**

1. Contents

OK

2. Payment Summary

Voucher Batch Name: **EAIL-FINEPS_LOCAL-21510-190302-02988**

Accounting Unit	Basic Currency Code	Total		Invest		Expense		Supplies	
		Order	Receipt	Order	Receipt	Order	Receipt	Order	Receipt
Refrigeration Comp	INR	518,278.00	518,278.00	518,278.00	518,278.00	0.00	0.00	0.00	0.00
	Total	**518,278.00**	**518,278.00**	**518,278.00**	**518,278.00**	**0.00**	**0.00**	**0.00**	**0.00**

Approvals

Approval Type	Approval Status	Approved Date	Approver/Comment
APPROVAL	APPROVED	04-Mar-2019 13:01	SINGH, PANKAJ BISH RAM SINGH(COM - Prod. Engg/Manager) OK
APPROVAL	APPROVED	04-Mar-2019 14 28	BANSAL VISHAL BANSAL VISHAL RAGHU NATH BANSAL(Prod. Engg./g.m) ok
AGREE	APPROVING		GOYAL, ANKESH . GOYAL, ANKESH SH. DINESH GOYAL(Noida Accounting/Manager)

Refers

*Refer	Department / Position
KUMAR, AJAY . KUMAR, AJAY NIRMAL RAM	COM Prod. Engg/dy manager

File Attach

File	Description
OTC INV NO-2020 pdf [265960 Byte]	
ARR 19 pdf [3763795 Byte]	

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.
OTC DAIHEN INDIA PRIVATE LIMITED	ILOCCZ1902257879	PURCHASE OF REMOTE CONTROLLER FOR ASSY CM1 CO2 WELDING LIFE OVER PANASONIC TRANFORMER UPGRADE TO DAIHEN	Refrigeration Comp.	Part payment	INR	518,278.00	08-Feb-2019	518,278.00		N/A	1819GM02020

LG ELECTRONICS INDIA PVT. LTD.
GRETAER NOIDA
APPROVED
06 MAR 2019
Sign..

Att Invoice

EPS-1012-May

IL EPSF Department User

Voucher Entry

View Order Submission

Back

Order Summary

Order Submission No.	ILOCCZ1902257879
Order Submission Title	PURCHASE OF REMOTE CONTROLLER FOR ASSY CM1 CO2 WELDING LIFE OVER PANASONIC TRANFORMER UPGRADE TO DAIHEN
Payment Condition	Part payment

Voucher Information

Voucher No.	1819GM02020
Voucher Status	APPROVING
Payment Submission No.	ILPCCZ1903025126
Payment Submission Title	PURCHASE OF REMOTE CONTROLLER FOR ASSY CM1 CO2 WELDING LIFE OVER PANASONIC TRANFORMER UPGRADE TO DAIHEN
Voucher Batch Name	EAIL-FINEPS_LOCAL-21510-190302-02988

Invoice Information

Invoice Type	GENERAL INVOICE	LGE Name	LG Electronics India (PVT.) Ltd
Invoice No.	1819GM02020	LGE Biz-No.	AAACL1745Q
Invoice Received Date		Invoice Currency	INR
Invoice Date	08-Feb-2019	Payment Term	Domestic 30 Days From Invoice Date
*Accounting Date	02-Mar-2019	Payment Method	MASS_PAY
Supplier Code	IN029562	Payment Group	REGULAR
Supplier Name	OTC DAIHEN INDIA PRIVATE LIMITED	Terms Date/Due Date	08-Feb-2019 09-Mar-2019
Gst No	06AABCO5000G1Z1		
India Tax DFF			

Waybill Information

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

Tax Information

* (A) Net Amount: 518,278.00

Tax Base Amount: 518,278.00

Tax Classification: Purchase I-GST 18%

Tax rate code	Tax rate name	Tax base	Tax Rate (%)	Tax Amount	Non-deduction Rate(%)	Non-deduction Amount	DFF	DFF Auto/Input
ILP_IGST_180	Purchase I-GST 18%	518 278.00	18	93,289.00	0	0.0[illegible]		AUT[illegible]

(C) Tax Amount Total	93,289.00
(D) Non-deduction Amount Total	0.00
(E)=A+B+C+D Total Amount	611,567.00
(F) Agreed Penalty	
(G)=E+F Payment Amount	611,567.00

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 REMOTE CONTROLLER FOR ASSY CM1 CO2 WELDING LIFE OVER PANASONIC TRANFORMER UPGRADE TO DAIHEN	85159000				1	518,278.00	518,278.00	518,278.00
						Total	1	518278	518278	518278

Corr TAX INVOICE (ORIGINAL FOR RECIPIENT)

OTC DAIHEN INDIA PVT. LTD. V.M.Tower, Plot No.-54A, Ground Floor, Unit-1, Sector-18, Gurgaon, Haryana GSTIN/UIN: 06AABCO5000G1Z1 State Name : Haryana, Code : 06 CIN: U29190HR2011FTC043292 Contact : 0124-4239364/68 E-Mail : gaurav.agrawal@otcdi.co.in www.otcdaihen.com	Invoice No. **1819GM02020**	Dated **8-Feb-2019**
	Delivery Note	Mode/Terms of Payment **100% WITHIN 30 DAYS FROM INV DT**
	Supplier's Ref. **1819GM02020**	Other Reference(s) **PI/18-19/00694**
Consignee **LG Electronics India Pvt. Ltd,** Plot No 51, Udyog Vihar, Surjapur-Kasna Road, Greater Noida-201306 (U.P) India GSTIN/UIN : 09AAACL1745Q1Z2 PAN/IT No : AAACL1745Q State Name : Uttar Pradesh, Code : 09	Buyer's Order No. **LGEIL/C&M/PE/INV/18/19**	Dated **27-Nov-2018**
	Despatch Document No. **SI/18-19/00608**	Delivery Note Date
	Despatched through **BY ROAD**	Destination **GREATER NOIDA**
Buyer (if other than consignee) **LG Electronics India Pvt. Ltd,** Plot No 51, Udyog Vihar, Surjapur-Kasna Road, Greater Noida-201306 (U.P) India GSTIN/UIN : 09AAACL1745Q1Z2 PAN/IT No : AAACL1745Q State Name : Uttar Pradesh, Code : 09 Place of Supply : Uttar Pradesh Contact : 0120-7180100	Terms of Delivery **FREIGHT TO BE PAID BY OTCDI**	

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	**E-2454** *REMOTE CONTROLLER*	85159000	18 %	**10 Nos**	51,827.75	Nos	**5,18,277.50**
	IGST Output @18%						**93,289.95**
	Less : *Short & Excess*						**(-)0.45**
	Total			**10 Nos**			**6,11,567.00**

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

Indian Rupees Six Lakh Eleven Thousand Five Hundred Sixty Seven Only

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
85159000	5,18,277.50	18%	93,289.95	93,289.95
Total	**5,18,277.50**		**93,289.95**	**93,289.95**

Tax Amount (in words) : **Indian Rupees Ninety Three Thousand Two Hundred Eighty Nine and Ninety Five paise Only**

20/2/2019

Company's Bank Details
Bank Name : **Sumitomo Mitsui Banking Corporation**
A/c No. : **10044300**
Branch & IFS Code : **New Delhi & SMBC0000001**

Company's VAT TIN : **06171832628**
Company's PAN : **AABCO5000G**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for OTC DAIHEN INDIA PVT. LTD.

Authorised Signatory

SUBJECT TO GURUGRAM JURISDICTION

This is a Computer Generated Invoice

LG ELECTRONICS (I) PVT. LTD. G. NOIDA

Vehicle Entry No. 2020

Invoice No. 3195

Gate Entry No. [illegible]

Form-38 No.

Date 20/02/19 Time 14:36

Sign. ASO

SECURITY G-2

Veh. No. By Hand

Entry No

Date 20/02/19 Time [illegible]

TAX INVOICE *(DUPLICATE FOR TRANSPORTER)*

OTC DAIHEN INDIA PVT. LTD. V.M.Tower, Plot No.-54A, Ground Floor, Unit-1, Sector-18, Gurgaon, Haryana GSTIN/UIN: 06AABCO5000G1Z1 State Name : Haryana, Code : 06 CIN: U29190HR2011FTC043292 Contact : 0124-4239364/68 E-Mail : gaurav.agrawal@otcdi.co.in www.otcdaihen.com	Invoice No.: **1819GM02020** Dated: **8-Feb-2019** Delivery Note: Mode/Terms of Payment: **100% WITHIN 30 DAYS FROM INV DT** Supplier's Ref.: **1819GM02020** Other Reference(s): **PI/18-19/00694** Buyer's Order No.: **LGEIL/C&M/PE/INV/18/19** Dated: **27-Nov-2018** Despatch Document No.: **SI/18-19/00608** Delivery Note Date: Despatched through: **BY ROAD** Destination: **GREATER NOIDA**
Consignee **LG Electronics India Pvt. Ltd,** Plot No 51, Udyog Vihar, Surjapur-Kasna Road, Greater Noida-201306 (U.P) India GSTIN/UIN : 09AAACL1745Q1Z2 PAN/IT No : AAACL1745Q State Name : Uttar Pradesh, Code : 09	Terms of Delivery FREIGHT TO BE PAID BY OTCDI
Buyer (if other than consignee) **LG Electronics India Pvt. Ltd,** Plot No 51, Udyog Vihar, Surjapur-Kasna Road, Greater Noida-201306 (U.P) India GSTIN/UIN : 09AAACL1745Q1Z2 PAN/IT No : AAACL1745Q State Name : Uttar Pradesh, Code : 09 Place of Supply : Uttar Pradesh Contact : 0120-7180100	

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	**E-2454** *REMOTE CONTROLLER*	85159000	18 %	**10 Nos**	51,827.75	Nos	**5,18,277.50**
	IGST Output @18%						93,289.95
	Less : *Short & Excess*						(-)0.45
	Total			**10 Nos**			**6,11,567.00**

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

Indian Rupees Six Lakh Eleven Thousand Five Hundred Sixty Seven Only

HSN/SAC	Taxable Value	Integrated Tax Rate	Integrated Tax Amount	Total Tax Amount
85159000	5,18,277.50	18%	93,289.95	93,289.95
Total	**5,18,277.50**		**93,289.95**	**93,289.95**

Tax Amount (in words) : **Indian Rupees Ninety Three Thousand Two Hundred Eighty Nine and Ninety Five paise Only**

Company's Bank Details
Bank Name : Sumitomo Mitsui Banking Corporation
A/c No. : 10044300
Branch & IFS Code : New Delhi & SMBC0000001

Company's VAT TIN : 06171832628
Company's PAN : AABCO5000G

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for OTC DAIHEN INDIA PVT. LTD.

Authorised Signatory

SUBJECT TO GURUGRAM JURISDICTION

This is a Computer Generated Invoice

E - WAY BILL SYSTEM

NATION TAX MARKET

Part - A Slip

Unique No.	**3210 8624 6710**
Entered Date	**08/02/2019 11:21 AM**
Entered By	**06AAB CO500 0G1Z1 - OTC DAIHEN INDIA PVT LTD**
Valid From:	**Not Valid for Movement as Part B is not entered [100Kms]**

Part - A

GSTIN of Supplier	**06AABCO5000G1Z1,OTC DAIHEN INDIA PVT LTD**
Place of Dispatch	**Unit-1, Sector-18,,HARYANA-122015**
GSTIN of Recipient	**09AAA CL174 5Q1Z2 ,LG ELECTRONICS INDIA PRIVATE LIMITED**
Place of Delivery	**Greater Noida,UTTAR PRADESH-201306**
Document No.	**1819GM02020**
Document Date	**08/02/2019**
Transaction Type:	**Regular**
Value of Goods	**₹ 611567.45**
HSN Code	**85159000 - REMOTE CONTROLLER**
Reason for Transportation	**Outward - Supply**
Transporter	**88AAACO4716C1ZV & OM LOGISTICS LTD.**

321086246710

UP16ET
3395

9811354249

9811221957

lalit4.kumar 02/21/2019 10:36:32
ajayk.kumar 11/27/2018 21:27:58

LG

LG Electronics India Pvt. Ltd.

Plot No. 51, Udyog Vihar, Surajpur-Kasna Road, Greater Noida - 201306 (U.P.) India
T: 91-120-7180100 F: 91-120-7180690/91 Website: www.lge.com

PURCHASE ORDER

OTC Daihen India Pvt. Ltd.
V.M.Tower , Plot No. 54A ,
GURGAON-122015, Haryana

GST No : 09AAACL1745Q1Z2
PAN No : AAACL1745Q

Date : **27/11/2018**
Ref : **LGEIL/C&M/PE/INV/18/19**

Quotation No.: **18 002 (M) WB M500 with Accessories and Digital Remote Control (LG)**
We are pleased to place the Purchase Order with you for the same with following details :

S.No.	Item	Qty.	Unit	Rate(INR)	Amt.(INR)
1	Welding Power Source (400V,50/60Hz,3ph) WB-M500	11	No.	436,539.88	4,801,938.63
2	Wire Feeder CM-7403	11	No.	79,254.00	871,794.00
3	Wire Feeder Control (10m) BKCPJ-1010	11	No.	18,879.25	207,671.75
4	Digital Remote Control E-2454	11	No.	51,827.75	570,105.25
5	Control Cable (10m) BKCAN-0410	11	No	10,822.50	119,047.50
6	Converter Cable K5810B00	11	No.	7,492.50	82,417.50
		Basic cost			**6,652,975**

Amount Basic INR : **Sixty Six Lacs Fifty Two Thousand Nine Hundred Seventy Five Only.**

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

Delivery date at LGEIL : 10-Dec-2018

Freight : As per actual

Partial Shipment : Not Allowed

Packing : Export worthy Vacuum packing

Payment Terms : 100% within 30days after material supplied at LGEIL

E-waybill : E-waybill is mandatory for material entry in LGEIL

Gate Entry : Gate entry is mandatory & responsibility of supplier during material entry in LGEIL

For LG Electronics India Pvt Ltd

Pankaj Singh
Part Leader-COMP PE

Vishal Bansal
HOD- Production Engg

Regd. Office : A Wing (3rd Floor) D-3, District Center Saket, New Delhi.- 110017.
CIN: U32107DL1997PTC220109

* The date(Create Date, Approved Date, Check Date) is based on Korean standard time(GMT+9)

Subject	Assy CM1 CO2 welding Life over Panasonic transformer upgrade to Daihen
Created Date	2018.11.22 14:18 (Korea Time)
Requested by	AJAY KUMAR(LGEIL COM - Prod. Engg/dy.manager,)

Amt K Rs.

Head		Details
Category		Investment
Approval No.		C&M/PE/INV/18/19
Budget Amount	Year Total (A)	43782
	YTD-Nov (B)	43782
Progress Status (YTD-Utilization prior to this Approval)	Amt (C)	34510
	% (C) / (B)	79%
Execution Status (Current Approval Amount)	Amt (D)	6653
	% (D) / (B)	15.2%
Total Utilization	Amt (E) = (C)+(D)	41163
	% (E) / (B)	94%
Balance	Year Total (A) - (E)	2619
	YTD-Month (B) - (E)	2619

Activity Detail : Assy CM1 CO2 welding Life over Panasonic transformer upgrade to Daihen

Purpose : Technology upgrade Micro processor base to Nano processor based
CM1 line 1000UPH achieving by eliminating frequent line stop due to transformer error

Amount : INR 6,652,975+ (All Applicable Tax & duties)

Budget : COMP PE Investment Budget-2018 (Code: CCZ18ME000031)

Payment Terms : 100% within 30days after material supplied at LGEIL.

Supplier : OTC Daihen India Pvt. Ltd.

Justification : OEM Price as per GP Contract: IL- CT 181100037

Annexure: LGEIL/C&M/PE/INV/18/19

Sr.	Item description	Model No.	Qty.	Unit	OTC Daihen India Pvt. Ltd. — Quoted Price: Rate (INR)	Quoted Price: Amt (INR)	Nego Price: Rate (INR)	Nego Price: Amt (INR)
Purchase of Daihen transformers for Assembly CM1								
1	Welding Power Source (400V 50/60Hz 3ph)	WB-M500	11	Nos	[illegible]	[illegible]	[illegible]	4 601 938 63
2	Wire Feeder	CM-7402	11	Nos	[illegible]	942 480 00	79 254 00	871 794 00
3	Wire Feeder Control (10m)	BKCPJ-1010	11	Nos	20 410 00	[illegible]	18 879 25	207 671 75
4	Digital Remote Control	E-2454	11	Nos	[illegible]	[illegible]	[illegible]	570 105 25
5	Control Cable (10m)	BKCAN-0410	11	Nos	[illegible]	[illegible]	[illegible]	119 047 50
6	Converter Cable	K5810B00	11	Nos	8 100 00	[illegible]	[illegible]	82 417 50
					Basic Total INR	7,192,405		6,652,975
					Basic Total $ ($ -->74 INR)	97,195		89,905
					Tax & Freight	Extra as per actual		

Investment Approval

Div/Deptt	Activity	Category	Amt	Investment Objective
PE COMP	Assy CM1 CO2 welding Station-1~6 Life over Panasonic transformer upgrade to Daihen	✓ Machinery/ Tools Office Equip	INR 66.5 Lacs 89.9 K$	Quality/ ✓ Productivity/ Safety/ Capacity/ New Model/ Part cost CI/ Other

Purpose/ Detail

Assy CM1 CO2 welding Station-6 8year old Life over Panasonic GR-500 Transformer replacement with Daihen Welbee M500

Cost Detail:

Daihen Welbee M500 : 11 x INR 604,816 = INR 6,652,975

Panasonic to Daihen Replacement Plan:

Line	Welding Station	Transformer Qty	Installation Year	Panasonic to Daihen Replacement Plan	Status
CM1	ST-1	[illegible]	[illegible]	[illegible]	[illegible]
	ST-2	[illegible]		[illegible]	
	ST-3	[illegible]			
	ST-4	[illegible]			
	ST-5	[illegible]			
	ST-6	[illegible]		[illegible]	[illegible]
[illegible]	ST-1	[illegible]	[illegible]	[illegible]	
	ST-2	[illegible]			
	ST-3	[illegible]			
	ST-4	[illegible]			
	ST-5	[illegible]			
	ST-6	[illegible]			

Panasonic GR-500

Daihen Welbee M500

Panasonic Transformer Repair History:

Not Repair	0
Repair - 1 Time	2
Repair - 2 Time	6
Repair > 2 Time	11

Activity Code CCZ18ME000031

Old Asset Detail

Asset	Asset Name	Acquisition Date	Acquisition Cost INR	Book Value INR (FAR Sep'18)
[illegible]	CO2 Welding Panasonic Transformer GR 500	[illegible]	[illegible]	[illegible]
[illegible]	CO2 Welding Panasonic Transformer GR 500	[illegible]	[illegible]	[illegible]
[illegible]	CO2 Welding Panasonic Transformer GR 500	[illegible]	[illegible]	[illegible]
[illegible]	CO2 Welding Panasonic Transformer GR 500	[illegible]	[illegible]	[illegible]
		Total	2,211,420	299,270

Benefit

- Idle Time reduction
- UPH increase 825→1000
- by eliminating frequent line stop due to old transformers

	Idle Time(Min)		Defect (PPM)	
	Before	After	Before	After
	38	0	6601	4001 (39.4%)

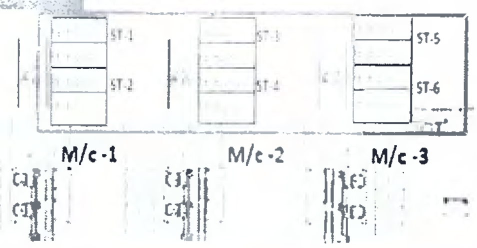
Time Schedule

Inv. Review — SP Contract — EP Approval PO Issue — [illegible] — Install

15/11 — 20/11 — 25/11 — 26/12 — 29/12

ROI • 1.17 Years

Installation Location Assembly line CM1



'18 Yr & '19 Yr Operation Comparison

18 Yr' Comp Production Qty: 3936K

18yr Comp Qty Expectation (K EA)													
Platform	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**18yr**
M*	~~69~~	~~113~~	~~148~~	~~92~~	~~114~~	~~90~~	~~73~~	93	109	99	67	52	1119
CMA	1	0	1	2	1	1	1	1	1	5	2	1	19
BM*	19	14	8	11	6	5	5	15	13	5	4	5	109
BSA	372	347	276	377	289	172	166	242	200	134	31	84	2689
Total	461	475	432	481	410	267	247	351	323	243	104	143	3936
CM1(D)	3	10	0	0	0	0	0	0	0	0	0	0	13
CM2(D)	25	23	24	26	26	18	25	24	24	24	14	18	271
CM2(N)	24	22	23	25	26	16	7	21	17	7	0	0	188

Constraints for CM1 line running

- **BSA contribution 68% of total production qty, BSA compatibility on CM2 only**
- Insufficient Plan for MA Platform , 15 Day run , 15 Days off : Mfg. Complexity at vendor end
- UPH ↓(Y'17 825 Nos) due to infrastructure complexity & high B/D's (CO2, Servo pressing, Motor insertion, Main body pallet, H/cover bolting etc.)

19Yr Comp Production Qty : 3936K → 4592K (17%↑)

19yr Comp Qty Expectation (K EA)														
Platform	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	19yr	
M*	189	203	181	196	173	119	104	119	121	115	113	86	1719	600 K (54%↑)
CMA	3	10	22	29	31	15	13	15	25	24	14	11	209	190 K (1K%↑)
BM*	19	20	18	20	17	12	10	12	12	12	11	9	173	64 K (59%↑)
BSA	274	294	262	284	251	173	150	173	175	167	164	125	2491	198 K (7%↓)
Total	485	526	482	529	472	319	277	319	332	317	302	231	4592	656 K (17%↑)
Month Work Shifts	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TTL	
CM1(D)	15	22	15	18	11	17	10	16	19	18	13	10	184	Y/19 plan based on CM2 line Day & Night running & remaining qty on CM1
CM2(D)	23	22	23	24	24	17	25	24	23	22	25	19	271	
CM2(N)	23	22	23	24	24	6	0	0	0	0	0	0	122	

19yr Bz. Plan Considerations : [illegible]
>Ref Internal (DC 1-Door)
-RP Rural : Fixed Comp (MA42LTUMG [illegible]) 250K) [illegible] 500K)
AURA Refresh : [illegible] Fixed Comp (CM4062NSEG Qty : 30K)
>Ref Internal (FF 2-Door)
[illegible]
[illegible]
>External Mkt : [illegible]

'18 Yr & '19 Yr Quantities Comparison

'18 Yr & '19 Comp Quantities:

Ref Tool	Comp Model (19yr)	Q'ty (K)			Remarks
		18yr	19yr	Difference	
RP Rural	MA42LTJM	80	250	170	100% Fixed Comp
RP Refresh	MA45UJM	530	500	-30	100% Fixed Comp ([illegible])
AURA Refresh	8SA057NHMV	779	818	39	AURA Refresh [illegible]
Orion 5L	8SA057NHMV	850	892	42	100% Inverter
S1/OP2/OP3	8SA057NHMV	350	358	8	100% Inverter
Omega 5	8MH089NAMV	70	120	50	100% (Dual & Non Dual Inverter)
	8SA057NHMV	200	283	83	
04/03/02/01/CT6	8MH089NAMV	35	43	8	Only Some [illegible] Non-Dual Inverter
	8SA057NHMV	0	30	30	
Ref Internal-Total		**2894**	**3294**	**400**	
Domestic OEM	CMA062 (VII Model	0	150		New Biz Opportunity
Export	CMA069-R134a	0	29		New Biz Opportunity
Dom/Ret/Export	ALL	1042	1119		7% Growth Base
External-Total		**1042**	**1298**	**256**	
Comp Total		**3936**	**4592**	**656**	

'19 Expected Qty
Model wise

Yr'19 Operation Plan Comparison

Indices Comparison	As is Infra Scenario			Option 1: based on CM1 UPH ↑			Option 2: based on CM1 UPH ↑ with Optimized Operation			Option 3: based on CM1 Line Compatible with BSA & UPH↑			
	CM1	CM2 (Day)	CM2 (Night)	CM1	CM2 (Day)	CM2 (Night)	CM1	CM2 (Day)	CM2 (Night)	CM1	CM2 (Day)	CM2 (Night)	Option 2 Vs Option 1
Working Shifts / Year	87	268	222	87	268	222	184	271	122	222	268	87	
UPH (No's)	825	967		1000	1000	1000	1000	1000	1000	1000	1000	1000	
Avg. Year MP No's (As per F&S Sheet)		282			282			269			266		
Total Labor cost of Production (Cr INR)		10.8			10.83			10.76			10.67		(0.07↓)
Un plan OT due to CM1 UPH Loss (In Cr)		0.28			-			-			-		
Investment need (Cr INR) to Avoid Unplanned OT Cost		0			0.76			0.76			10.03		
Energy Cost (In Cr)		11.29			11.29			10.76			10.36		(0.52↓) Data Source FE/PE
Total O/H Cost (In Cr) without Investment (1 Cr INR)		22.36			-			-			-		
Total O/H Cost (In Cr) After Investment (1 Cr INR + 5 MP Increase on CM1)		-			22.11			21.52			21.03		(0.59↓)
Net Saving (In Cr)		-			0.25			0.84			1.33		
ROI (In Yrs)		-			4.47			1.47			9.30		

Energy cost : Simulation Verification of Y'19 With Y'18 Actual based result

0.76 Cr. Investment

Conclusion : Option 2 To invest in CM1 line with optimized operation plan , **Net Saving : 84 Lacs. (ROIC : 1.47 Yrs)**

9.28 Cr. Investment

Support Points :

1 Night Shift transport support for operators in case of no OT plan in **Comp & OT plan in Ref : 13 Lacs INR**

2. M" Series Max Requirement : 9.2k (Feb 19) , 3 Shift running case max. **MA Requirement/day : 11.3k(Jan'19)**

PPI & ... discussed operation plan

ROIC

3/5

Approval Line	No	Approval Type	Status	Approved Date	Approved by / Comment
	1	결재	승인완료	2018.11.23 10:02	PANKAJ SINGH(LGEIL COM - Prod. Engg/Part Leader) Comment : OK,For CM1 line transformer technology up gradation thru Panasonic Make microprocessor to Daihen Make Nano processor control system. Activity reviewed & Approved on 19-No'18.
	2	결재	승인완료	2018.11.23 10:39	RAJEEV GARG(LGEIL General Buying/a.g.m.) Comment : OK, OEM Vendor, Price negotiated with Further Reduction of 2.5% in Cost from Last Purchase Cost in Mar-18
	3	결재	승인완료	2018.11.23 13:25	VISHAL BANSAL(LGEIL Prod. Engg./Team Leader) Comment : ok. Upgrading CM 1 Line old welding transformers with Daihan make transformers for better process quality and as per replacement plan for life over equipment.
	4	결재	승인완료	2018.11.23 16:21	김철(LGEIL FSE COM Production/책임) Comment : OK
	5	결재	승인완료	2018.11.23 16:24	박진규(LGEIL FSE Production/책임) Comment : ok. checked..
	6	결재	승인완료	2018.11.24 12:04	DINESH LUNAWAT(LGEIL Planning & Strategy/Team Leader) Comment : Agree. COMP PE Investment Budget. Activity already reviewed & Approved.
	7	결재	승인완료	2018.11.24 12:40	BINAY DUBEY(LGEIL General Buying/Team Leader) Comment : same material procure in march and this time additional discount negotiated from OEM vendor
	8	결재	승인완료	2018.11.24 16:03	CHANDRA KANDI(LGEIL Factory Head - Noida/Department Leader) Comment : ok
	9	결재	승인완료	2018.11.26 16:12	정재열(LGEIL Noida Manufacturing CFO/Department Leader) Comment : ok
	10	결재	승인완료	2018.11.27 15:38	김태완(LGEIL Noida Manufacturing/상무/President)

CC	AJAY KUMAR(LGEIL COM - Prod. Engg/dy.manager) LalitKumar(WMC - Prod. Engg/LOCAL EMPLOYEE)
Attached Files	CM1 Investment Plan_19112018_Final.pptx Investment Review_ CM1 OTC transformer_20181119.pptx OTC Daihen_CM1_ARR_ INV19.pdf PS Investment Review Meeting_MOM_19th Nov.msg

EDMS Attributes	Retention	5 Year	Security Grade	Browse.Download
	Access	*LG Electronics.*LGEIL COM - Prod. Engg	Permission	Browse.Download

CNTR_NO : IL-CT181100037

Contract	
Contract Number :	IL-CT181100037
Contract Date :	2018 / 11 / 21 (YYYY/MM/DD)
Contract Name :	Daihen Transformers for Compressor Line I

Buyer : LG Electronics India Private Limited

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

CEO : Kim, Kiwan

Supplier : OTC DAIHEN INDIA PRIVATE LIMITED

V.M. TOWER ,PLOT NO :-54A, GROUND FLOOR, UNIT -1 SEC-18,GURGAON-122015

Representative :

Contract Amount	(INR) 6,652,975.00
Contract Period	2018 / 11 / 21 ~ 2019 / 03 / 21 (YYYY/MM/DD)

Purchase Details

No.	Item Code	Name / Specification		
Curr.	Qty.	Unit	Unit Price	Amount
1		Purchase of Daihen transformers / as per enclosed sheet		
INR	1.00	LOT	6,652,975.00	6,652,975.00