

IL EPSF Department User

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

Payment Submission No. ILPCN21712160041

Request Date 16-Dec-2017

Requested by Kumar, Rajesh . Kumar, Rajesh (REF - Prod. Engg/)

Title PURCHASE OF EXHAUST FAN FOR PCB LINE

1. Contents

OK

2. Payment Summary

Voucher Batch Name: EAIL-FINSE LOCAL-22000-171216-18482

Accounting Unit	Basic Currency Code	Total		Invest		Expense		Supplies	
		Order	Receipt	Order	Receipt	Order	Receipt	Order	Receipt
Refrigeration AU	INR	183,318.00	183,318.00	183,318.00	183,318.00	0.00	0.00	0.00	0.00
Total		183,318.00	183,318.00	183,318.00	183,318.00	0.00	0.00	0.00	0.00

Approvals

Approval Type	Approval Status	Approved Date	Approver/Comment
APPROVAL	APPROVED	16-Dec-2017 11:26	PRAKASH, KANAKKEEL SH. P.V.BALAKRISHNAN(REF & C&C - Prod. Engg/a.g.m.) OK
APPROVAL	APPROVED	16-Dec-2017 14:06	MISHRA, ATUL SHR R P MISHRA(WM & RAC - Prod. Engg/a.g.m.) OK
AGREE	APPROVING		CHADHA, SANDEEP . CHADHA, SANDEEP MR. PREM PAL CHADHA(Accounting Innovation/manager)

Refers

*Refer	Department / Position
Kumar, Rajesh . Kumar, Rajesh	REF - Prod. Engg/

File Attach

File	Description
GREENTEK_INV_NO_138.pdf [3428268 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.
GREENTEK ENGINEERS (I)	ILPCN21712150026	PURCHASE OF EXHAUST FAN FOR PCB LINE	Refrigeration AU	Part payment	INR	183,318.00	12-Dec-2017	183,318.00		N/A	0138

Approval Budget Execution Bidding Order Order Mgt Import PO Receipt Verification Affiliate Transfer Setup Home Logout Preferences Help Diagnostics
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13 DEC 2017
 18/12
 Sign

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

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Voucher Entry

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Order Summary

Order Submission No. **IL0CNZ1712158026**
 Order Submission Title **PURCHASE OF EXHAUST FAN FOR PCB LINE**
 Payment Condition **Part payment**

Voucher Information

Voucher No. **0138**
 Voucher Status **APPROVING**
 Payment Submission **ILPCNZ1712168941**
 No.
 Payment Submission Title **PURCHASE OF EXHAUST FAN FOR PCB LINE**
 Voucher Batch Name **EARL-FINOPS_LOCAL-22000-171216-18462**

Invoice Information

Invoice Type **GENERAL INVOICE**
 Invoice No. **0138**
 Invoice Received Date
 Invoice Date **12-Dec-2017**
 *Accounting Date **16-Dec-2017**
 Supplier Code **IN033188**
 Supplier Name **GRSINTEK ENGINEERS**
 Gst No **04AALP06290CLZA**
 India Tax DFF **R**
 LGE Name **L&E Electronics India (PVT.) Ltd**
 LGE Biz-No. **AAACL1743Q**
 Invoice Currency **INR**
 Payment Term **Domestic 30 Days From Invoice Date**
 Payment Method **MASE_PAY**
 Payment Group **REGULAR**
 Terms Date/Due Date **12-Dec-2017** **10-Jan-2018**

Waybill Information

Nature of Job **Material**
 Bill To State **Uttar Pradesh**
 Waybill Number **1712W158044000294006**
 Bill From State **Maryam**
 Waybill Type **E WAYBILL_01**
 Waybill Amount **234,647.00**

Tax Information

* (A) Net Amount **183,318.00**
 Tax Base Amount **183,318.00**

Tax Classification **Purchase I-GST 28%**

Tax rate code	Tax rate name	Tax base	Tax Rate (%)	Tax Amount	Non-deduction Rate(%)	Non-deduction Amount	DFF
ILP_IGST_280	Purchase I-GST 28%	183,318.00	28	51,329.00	0	0.00	AUTO

(C) Tax Amount Total **51,329.00**
 (D) Non-deduction Amount Total **0.00**
 (E)=A+B+C+D Total Amount **234,647.00**
 (F) Agreed Penalty
 (G)=E+F Payment Amount **234,647.00**

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 EXHAUST FAN FOR PCB LINE	8414			1	183,318.00	183,318.00	183,318.00
Total									183318

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

About this Page

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Authorised signatory

LO ELECTRONICS (I) PVT. LTD. G. Noida

Vehicle Entry No. 0138
Invoice No. 1872
Gate Entry No. 294808
Form-38 No. 1749
Date 12/12 Time 17:50
Sign. of S.O.

SECURITY G-2

Vehicle No. UP14DT 8106
Entry No. 800
Date 12/12/17 Time 17:50
Sign. of S.O.

[illegible]

FORM-EWay Bill-01

Department of State Taxes/Commercial Taxes, Government of Uttar Pradesh

Form of Declaration for import

Second Copy



EWay Bill-01 Serial No

1712W156944600294886

This EWay Bill-01 Number is valid upto 13/12/2017

Date of Issue

12/12/2017

Assessment Office

Corporate Circle, Noida

GSTIN

09AAACL1745Q1Z2

Name of Dealer

LG ELECTRONICS INDIA PRIVATE LIMITED

Address of Dealer

PLOT 51 UDHYOG VIHAR SURAJPUR KASNA ROAD
GREATER NOIDA UP

Exhaust Fan

470.00-Kilograms

2 Piece

231847.00

Rupees and Paise Thirty Four Thousand Six Hundred Forty

Thousand Only

0138/2/12/2017

GREATER NOIDA

GREEN TEK ENGINEERING 3RD FLOOR OZONE CENTRE

SECTOR 12 FARIDABAD 12107

06AAALFG0290K1Z2

1. Description of Goods

2. Weight / Measure

3. Quantity

4. Value in Figure

5. Value in Words

6. Bill/ cash memo/ challan/ tax invoice number

7. Goods Destination Place

8. Name and Address of seller / consignee

9. TIN of seller / consignor

I, Comptroller and Tax Officer the authorized signatory of the Government of Uttar Pradesh, do hereby declare that the goods noted above are being imported/received/brought by the above named dealer.

This EWay Bill-01 is online generated and no other documents such as bill of lading, etc. are required for any signature of transporter/seller.

1. Name & address of the Transporter

2. Service Provider no. of the carrier, if any

3. Carrier/ Truck no.

4. Name & address of Driver

5. Driving License No.

6. Signature of the vehicle driver.

Signature of authorized signatory



Demand No : D1712600187047 (171200237330) Single (Second)

Printed On : 12/12/2017 07:45:15

FORM-EWay Bill-01
Department of State Taxes/Commercial Taxes, Government of Uttar Pradesh
Form of Declaration for Import

Original Copy



EWay Bill-01 Serial No

1712W156944600294886

This EWay Bill-01 Number is valid upto 13/12/2017

Date of Issue

12/12/2017

Assessment Office

Corporate Circle, Noida

GSTIN

09AAACL1745Q1Z2

Name of Dealer

LG ELECTRONICS INDIA PRIVATE LIMITED

Address of Dealer

PLOT 51 UDHYOG VIHAR SURAJPUR KASNA ROAD
GREATER NOIDA UP

1. Description of Goods

Exhaust Fan

2. Weight / Measure

470.00-Kilograms

3. Quantity

2 Piece

4. Value in Figure

₹ 23500

5. Value in Words

Twenty Three Thousand Six Hundred Forty

6. Bill/ cash memo/ challan/ tax invoice number

(0138)12/12/2017

7. Goods Destination Place

GREATER NOIDA

8. Name and Address of seller / consignor

GREENWATER ENGINEERS 3RD FLOOR OZONE CENTRE
SECTOR 12 FARIDABAD, UP

9. TIN of seller / consignor

06AAALFG0290102A

I, _____, authorized signatory of the above named dealer, do hereby
 declare that the goods noted above are being imported/received/brought by the above named dealer.

This EWay Bill-01 is online generated and does not require any signature of importer/seller.

1. Name & address of the Transporter

2. Service Provider no. of the carrier

3. Carrier/ Truck no.

4. Name & address of Driver

5. Driving License No.

6. Signature of the vehicle driver.

Signature of authorized signatory



Demand No : D1712600187047 (171200237330) Single (Original)

Printed On : 12/12/2017 07:45:15



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

GREENTEK ENGINEERS
3 F02,03 IInd Floor Ozone Centre Sec-12,
Faridabad

Date : 20/11/2017
PO No. : LGEIL/PE/PCB/INV/1710/004F
GST NO-09AAACL1745Q1Z2

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

Sr.No.	Item Description	Qty	Unit	SUPPLY		LABOUR	
				Rate	Amount	Rate	Amount
1	Exhaust fan	2	Nos	91659	183318	5537	11,074
2	Electrical Panel with power cabling	2	Nos	56824	113648	5683	11,366
3	Ducting(Providing of Factory made Sheet metal round ducting with fitting)						
I	500 dia	60	Rmtr	1,079	64740	194	11,640
II	400 dia	50	Rmtr	863	43150	194	9,700
III	300 dia	60	Rmtr	646	38760	194	11,640
3(2)	Providing of flexible duct high pressure						
I	200 dia	60	Rmtr	890	53400	194	11,640
II	150 dia	60	Rmtr	668	40080	180	10,800
II	100 dia	60	Rmtr	445	26700	167	10,020
IV	100/80- dia semi rigid aluminum round	100	Rmtr	445	44500	167	16,700
3(3)	Collar pcs				0		-
I	500 dia X 200 dia	15	Nos	248	3720	139	2,085
II	400 dia X 150 dia	15	Nos	186	2790	139	2,085
III	300 dia X 100 dia	20	Nos	149	2980	139	2,780
3(4)	Volume control damper				0		-
I	200 dia	15	Nos	233	3495	139	2,085
II	150 dia	15	Nos	233	3495	139	2,085
II	100 dia	20	Nos	233	4660	139	2,780
4	Flexible fire proof canvass connection	2	Nos	1730	3460	693	1,386
5	Fire damper	2	Nos	2609	5218	693	1,386
6	Air ballacing and commissioning	2	Job	0	0	4118	8,236
Basic Amount (INR)					638,114		129,488
GST TAX					178,672		23,308
					816,786		152,796
TOTAL							969,582

Delivery Address : LG Electronics India Pvt Ltd, 51, Udyog Vihar, Greater Noida.
Delivery Date : By 30 November.2017 at LGEIL.
Partial Shipment : Not 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 ; Contact 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 ; Contact 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
C Form Queries : Email Id: aniruddh.sharma@lge.com

- It is mandatory to send goods along with duly filled road permit (EWay-Bill) at the time of entry into the State of U.P.
 - Original Invoice & Excise Gate pass should accompany the consignment.
 - 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

KANAKKEEL PRAKASH Regd. Office : A Wing (3rd Floor) D-3, District Center Saket, New Delhi -110017. RAKESH SOROUT
DGM-Production Engineering CIN: U32107DL1997PTC220109 HOD-Production Engineering

GREENTEK ENGINEERS

PCB line exhaust system (round duct)					SUPPLY		LABOUR
S. No	Description	Unit	Qty	Rate	Amount	Rate	Amount
1	Exhaust fan						
	SISW fan backward curve Wolter / Humidin Motor 7.5 HP Class H 1440 RPM CFM 6000 125 MM Static pressure	Nos	2	91,659	183,318	5,537	11074
2	Electrical Panel with power cabling						
2.1	Electrical panel with Mitsubishi VFD	Nos.	2	56,824	113,648	5,683	11366
3	Ducting						
3.1	Providing of Factory made Sheet metal round ducting with fitting.						
	500 dia	Rmtr	60	1,079	64,740	194	11640
	400 dia		50	863	43,150	194	9700
	300 dia		60	646	38,760	194	11640
3.2	Providing of flexible duct high pressure						
	200 dia	Rmtr	60	890	53,400	194	11640
	150 dia	Rmtr	60	668	40,080	180	10800
	100 dia	Rmtr	60	445	26,700	167	10020
	100/80- dia semi rigid aluminum round duct	Rmtr	100	445	44,500	167	16700
3.3	Collar pcs						
	500 dia X 200 dia	Nos	15	248	3,720	139	2085
	400 dia X 150 dia	Nos	15	186	2,790	139	2085
	300 dia X 100 dia	Nos	20	149	2,980	139	2780
3.4	Volume control damper						
	200 dia	Nos	15	233	3,495	139	2085
	150 dia	Nos	15	233	3,495	139	2085
	100 dia	Nos	20	233	4,660	139	2780
4	Flexible fire proof canvass connection						
	Providing of fire rated flexible connection as per specifications and drawings.						
4.1	Fire proof canvass connection	Nos	2	1,730	3,460	693	1386
5	Fire damper						
	supply of fire damper 90 minutes rating with fuse link	Nos	2	2,609	5,218	693	1386
5	Air ballacing and commissloning	Job	2	0	0	4,118	8236
	Total				638,114		129,488
	GST				178,672		23,308
					816,786		152,796
	Grand Total:						969,582

Exclusions:

Base frame for fan
3 Phase Power supply upto panel
Angle channel support for duct

* * * * * Created Date: 2017-11-03 21:00 (Korea Time) Approved Date: Check Date is based on Korea standard time (GMT+9)

Created Date: 2017-11-03 21:00 (Korea Time)

Requested by: Lalit Kumar (LGEIL WMC - Prod. Engg / LOCAL EMPLOYEE ,)

Subject: APPROVAL FOR NEW PCB LINE, LOCAL SCOP MAIN ITEMS AND ICT, FCT FIXTURES FORM KOREA

Retention 3 Year

Security Grade Browse:Download

EDMS Attributes

Tag UNUSE

Access *LG Electronics,*LGEIL WMC - Prod. Engg

Permission Browse;Download

Subject	New PCB Line, Local scope main Items in Expense budget
	ICT/FCT Fixtures from Korea in Investment budget
Purpose	For fast execution of PCB Line and to meet Project target dates raising purchase one approval for different supplier .
	In New PCB line many Expense items are required for installation and commissioning
	Budget allocation has been reviewed In PCB Review meeting
Amount INR	10,774,606/- [All Govt. Taxes Extra]

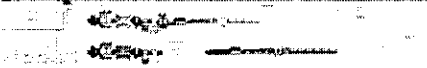
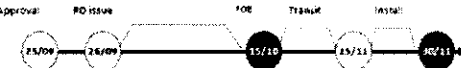
Local Item	5,052,736
Import Item	5,721,870
Total (INR)	10,774,606

Local Item

S.No.	Item Description	Unit	Qty	Unit Price	Amount	Cur	Supplier	GP Status	Remark	Budget
1	Mezzanine Plat form for PCB Project	Set	1	486,864	486,864	INR	AtLength Buildtech	OK (IL-CT171000122)		Expense
2	Air Pipe Line Material	Set	1	317,587	317,587	INR	Manilal Brother	OK		Expense
3	Air Pipe Line Work	Set	1	85,884	85,884	INR	AtLength Buildtech	OK		Expense
4	Crane/Hydra for Local Installation	Day	15	20,000	300,000	INR	Kashyap Crane	In Progress	Supplier can be changed by GP	Expense
5	3 Phase Step Down Transfer 420 Volt /220 Volt	Unit	1	245,450	245,450	INR	Servel Electrical	In Progress	Supplier can be changed by GP	Expense
6	Cable Laying work	Set	1	146,908	146,908	INR	DDFE	NA	Company ARC Rates	Expense
7	Hand Pallet Truck 2.5 Ton	Nos	4	13500	54,000	INR	Nikamal limited	NA	Supplier selection based on two quotation	Expense
9	Exhaust system for PCB project	Set	1	1,186,043	1,186,043	INR	Everest Aircon	In Progress	Supplier can be changed by GP	Expense
10	Local Installation Manpower	Set	1	1,000,000	1,000,000	INR	Veenuthana	In Progress	Supplier can be changed by GP	Expense
11	IT Related item (PC, Scanner, Printer)	Set	1	1,200,000	1,200,000	INR	LG IT arrange	In Progress	Supplier can be changed by GP	Expense
				Total (INR)	5,022,736					

Import Item

1	Service FEE for LEAD-free Soldering Equipment				14,800	USD	Shinmyung	In Progress		Investme
2	IN LINE FCT Pin Fixture				19,646	USD	ZOSYS	In Progress	PO will be given after GP Contract	HQ Apprc
3	D5R Adapter				27,516	USD	Ditek	In Progress	PO will be given after GP Contract	already o
4	ICT Fixture				9,871	USD	Testop	In Progress	PO will be given after GP Contract	Expense
5	FCT ZCY-100 Single & Cylinder_BASE, REF. FCT MACHINE & Fixture				14,822	USD	ZOSYS	In Progress	PO will be given after GP Contract	Expense
				Total (USD)	86,695					
				Total (INR)	5,721,870					

Div/Deptt	Activity	Category	Amt	Investment Objective
PE	Noida PCB line in house manufacturing investment	New Line Setup	3,272 K\$	Quality/ Productivity/ Safety/ Capacity/ New Model/ Part cost Cl/ Other
Detail In-house PCB Making and control box assembly (2 Lines) Preparation Line → SMT Line → IMT Line → PCBA Line Budget Status Machinery Cost 2514 K \$ Setup & Logistics 185 K \$ Utility 573 K \$ Total Investment 3,272 K \$ Note: Additional budget (120 K \$) is required for local scope like: Cable/ cable tray/Earthing/ Fume exhaust System Local installation Fee Machine local air connection UT Rack Note: Spare Parts cost (231 K \$) is not considered in approval, separate approval will be taken for machine spare parts  PCB Line Layout		Benefit • Measures against increase in PCBA volume. • Pyeongtaek idle facility utilization (SMT I Line) • Changwon idle facility utilization (coating, solder M / C, inspect machine) Time Schedule  ROIC • 2.11 Years (Refer attach calculation sheet) Installation Location  Area Used 2,058m ² (12.4m × 166m)		
Annexure attached • Signed sheet of CEO • HQ Detail Investment Report • HQ EP System Investment approval • Korea GP System approval • Korea GP approval detail & machine specification • ROI and system budget information • Ordering Summary/Quotations				

Approval Line

Approval	Approved	2017-09-23 14:20	Comment: New PCB Line in house manufacturing approval Main S supporting document (1) CEO Signed approval (2) HQ EP System Investment approval (3) HQ GP Master approval (4) HQ ROI and Investment budget document (5) HQ Detail Investment Report (6) Ordering summary and quotations Comment: OK
Parallel	Approved	2017-09-23 14:29	Comment: OK Comment: RAJEEV GARG (LGEIL General Procurement / a.g.m.) Comment: Checked with HQ GP, Re-used Machinery L3 to LG Transfer (Standard Delegation) New Machinery purchase delegated by HQ GP to Changwon Factory Engineering Team. Considering business urgency and above facts the project is being delegated to end user team.
Parallel	Approved	2017-09-23 15:10	Comment: VISHAL BANSAL (LGEIL Prod. Engg. / g.m.) Comment: OK, PCB in house manufacturing setup
Parallel	Approved	2017-09-23 15:24	Comment: ATUL MALHOTRA (LGEIL Manufacturing Engg. / g.m.) Comment: OK, Agree. Need to meet the target completion date.
Parallel	Approved	2017-09-23 16:39	Comment: DAVENDER SINGH (LGEIL Planning & Improvement Team / a.g.m.) Comment: Agree - HQ initiated project - Additional budget for this activity/project to be allocated. - for local utility buying, need to follow the GP rule.
Parallel	Approved	2017-09-23 15:20	Comment: BINAY DUBEY (LGEIL General Procurement / d.g.m.) Comment: Local purchase is taking care by GP All purchase taken care by korea team is delegated
Approval	Approved	2017-09-23 16:41	Comment: Lee Junkyu (Electronic Packaging Team / Senior Research Engineer) Comment: OK
Approval	Approved	2017-09-23 16:46	Comment: Changho Yang (Electronic Packaging Team / lse) Comment: OK
Approval	Approved	2017-09-23 17:20	Comment: Yongho Park (LGEIL FSE Production / Professional) Comment: PCB 제조를 위한 인력, 장비, 공간 확보 검토 완료 Comment: ANIL KUMAR (LGEIL Factory Head - Noida / v.p.)
Approval	Approved	2017-09-23 17:30	Comment: OK, Do strong negotiations and keep project within time.
Approval	Approved	2017-09-23 17:36	Comment: HYO JAE LEE (LGEIL FSE Planning / Professional) Comment: Agree
Approval	Approved	2017-09-23 19:36	Comment: DEEPAK BANSAL (LGEIL Planning / senior g.m.) Comment: OK
Approval	Approved	2017-09-24 16:54	Comment: Tae Wan Kim (LGEIL Noida Manufacturing - President) Comment: OK Comment: Soochel Kim (LGEIL CFO / Vice President Division Leader)
Approval	Approved	2017-09-23 21:27	Comment: Kim Min Seok (LGEIL FSE Finance & Accounts - 총괄) Comment: OK

투자심의 Summary

											CEO	
No	본사 문서	사업부 (ID)	국가/ Site	제품	유형	성격	프로젝트명	투자기간	투자 규모	경당일자	Confirm	Consent
	HSA	기타어스 락에어스	중국, 태국	냉장고	정온	신모델	[중국/태국] 냉창고 Hana PJT	17.09 - 17.12	46.9억	최소한 2백만 평방미터를 개발할 것임	☒	
	본사 결론 의견										N	
9	-작성지	시사 타진한 구상인 북미 지역의 Food-Meat 신규 플랫폼 개발을 위한 투자입니다. 투자비 최소화를 위해 국가 간적 대비 총 1억666만 113.3원을 절감하는 것으로 분류공급의 3.7% 추가다수화 3.7억, 복합공급 2.3억, CKD 공급 0.9억, 공급 변경 및 국내공급 창출 0.3억, 건설비를 한외처리 등 총 400만 달러 4.9%를 절감 하였습니다. 연간 판매 수익은 822만 달러로, 목표 영업이익률 18.2% 수준으로 투자 경제성은 NPV 659억, IRR 154%, 회수기간 6.0년입니다.									추가 검토	
	HSA	케언트 RAC	인도 노아타	냉장고/가 마이킹	정온	저가	(인도/노아타) PCB인 내개화 투자	17.09 - 18.2	34.8억	반출용 박막 (노아타 생산함)	☒ N	Global 2024/10월 3분기 목표 달성
10	-본사 결론 의견	기5월 리포트인 "전도 PCB 내각의 결과 보고" 후속 사업으로, 내각을 통해 현재서 대비 전액 21억555만 446원 중 5% 이상생계선 개발으로 나선 기공에는 성장 2.052, 30.86을 → 16.34를, 매여민 0.880을(31.25을 → 30.37을), 동양여영과 소수 우호비율도 현재서 생산 기공과 30.15%에서 24.44% 생산 시 30.07% 성장여제비로 개조하여 argon 달성되는 투자입니다. 투자 경제성은 NPV 13.7억, IRR 23%, 회수기간은 2.7년으로 전사 후속경제력 기준안전을 초과하는 투자입니다.									추가 검토	Global 2024/10월 3분기 목표 달성 -2024.10.11 24.15.10 3분기 [생산]은 31.137%
	1.작성지											

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No	Approval Type	State	Approved Date	Comment
1	결재	승인완료	2017.09.01 10:41	이승재(LGEL FSE Planning:책임) 승인합니다. 유동자산잔액과 9.6억 원의 시 집행 cash out 29.2 억입니다. 김재원(LGEL Noda Manufacturing:책임) 승인합니다. PCB배치와 조거안정화도록 사전준비하셨습니다. 김수철(LGEL CPO:장무) 승인합니다. 최희정입니다. 서영환(RAC)기회관리팀:책임) 승인합니다. 허준환(부품솔루션기회관리팀:책임) 승인합니다. 김광국(메이플루언스기회관리팀:책임) 승인합니다. 정원세(카카오플래임스기회관리팀:책임) 승인합니다. 김이광(H&A기회관리팀:책임) 승인합니다. 박승태(RAC BD:장무) 승인합니다. 김광호(부품솔루션사업부:장무) 승인합니다. 이광국(메이플루언스사업부:부사장) 승인합니다. 박영남(카카오플래임스사업부:부사장) 승인합니다. 박광국(글로벌생산부문 기획FD:장무) 김근태(H&A기회관리FD:장무) 승인합니다. 정원세(경영기획:관리FD:장무) 승인합니다. 한주희(글로벌생산부문:부사장) 승인합니다. 김근태(H&A사업본부:사장/본부장) 승인합니다. 정원세(CFO본부:사장/CFO)
2	결재	승인완료	2017.09.02 10:16	
3	결재	승인완료	2017.09.04 17:19	
4	결재	승인완료	2017.09.04 19:42	
5	결재	승인완료	2017.09.05 08:31	
6	결재	승인완료	2017.09.05 07:26	
7	결재	승인완료	2017.09.05 16:02	
8	결재	승인완료	2017.09.05 17:28	
9	결재	승인완료	2017.09.05 18:02	
10	결재	승인완료	2017.09.06 07:58	
11	결재	승인완료	2017.09.07 10:13	
12	결재	승인완료	2017.09.07 12:30	
13	결재	승인완료	2017.09.11 09:15	
14	결재	승인완료	2017.09.11 17:29	

[illegible]

Attached File: [\[2015년 12월 17일 PCBA 생산성 향상_179821_최승호.pptx\]](#)
 2015년 12월 17일 PCBA 생산성 향상_179821_최승호.pptx

Retention	3 Year
EQMS attributes	• IGT 75 • IGT 75 FSE Production

Security Grade
Distribution

Browse: Download
Browse: Download

Approval Line \${APPROVE_NO}

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NO	Approval Type	Status	Approved Date	Appr b Com
			MUKUL SAXENA (LGEIL REF - Prod. Engg / manager)	
Approval	Approved	2017-11-03 21:02	New PCB Line Local scope main item purchasing For fast execution of PCB Line and to meet Project target dates raising purchase one approval for different supplier.	
Approval	Approved	2017-11-03 21:04	ROHIT ARORA (LGEIL REF - Prod. Engg / Part Leader) ok	
			VISHAL BANSAL (LGEIL Prod. Engg. / Team Leader)	
Approval	Approved	2017-11-03 21:14	ok. PCB project local scope activities of expense related budget as per last meeting consensus. Each PO to be given after finalizing GP contract. (progressing parallel)	
			Yongho Park (LGEIL FSE Production / Professional)	
Approval	Approved	2017-11-03 21:18	ok total 투자 금액 3,272K\$에서 저희가 직구매하는 Item들에 대한 동의서입니다. - 직구매 금액 : 10,774,606 Rs.	
			DAVENDER SINGH (LGEIL Planning & Improvement Team / Team Leader)	
Approval	Approved	2017-11-03 22:38	agree - this is expense approval for local & import parts purchase . if further need to follow the PE team leader comments before issuing PO. - add local expense budget to be allocated for this .	
Approval	Approved	2017-11-04 10:48	ANIL KUMAR (LGEIL Factory Head - Noida / Department Leader)	
			OK.	
Approval	Approved	2017-11-04 13:04	HYO JAE LEE (LGEIL FSE Planning / Professional)	
			Agree	
Approval	Approved	2017-11-04 15:21	DEEPAK BANSAL (LGEIL Planning / Department Leader)	
			Ok	
Approval	Approved	2017-11-07 22:42	Tae Wan Kim (LGEIL Noida Manufacturing / President)	
Approval	Approved	2017-11-08 13:06	Soocheol Kim (LGEIL CFO / Vice President/Division Leader)	
			OK	

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

MUKUL SAXENA (LGEIL REF - Prod. Engg / manager)

Approved MASTER APPROVAL FOR NOIDA PCB LINE IN HOUSE MANUFACTURING.msg

Atlength_quotation.pdf

ATLENTH PCB line exhaust duct (round duct).xlsx

ATLENTH PCB Line Platform Quotation.xlsx

Dharmadas ARC Rate.xls

Dharmadas Quotation.xls

DHARMDAS PRICE SHEET.xlsx

Exhaust System for PCB line Project.pdf

KASHYAP Hydra_quotation_new.png

Main Sheet.xlsx

Mazzanine platform for PCB project.pdf

NILKAMAL hand pallet quotation-nilkamal.pdf

PROMATHand pallet quotation_promat.pdf

SERVEL Quotation-Lg Electronics Mr Pradip100KVASstepdown Tx (2).docx

Approved MASTER APPROVAL FOR NOIDA PCB LINE IN HOUSE MANUFACTURING.msg

Atlength_quotation.pdf

ATLENTH PCB line exhaust duct (round duct).xlsx

ATLENTH PCB Line Platform Quotation.xlsx

Dharmadas ARC Rate.xls

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DHARMDAS PRICE SHEET.xlsx

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KASHYAP Hydra_quotation_new.png

Main Sheet.xlsx

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NILKAMAL hand pallet quotation-nilkamal.pdf

PROMATHand pallet quotation_promat.pdf

SERVEL Quotation-Lg Electronics Mr Pradip100KVASstepdown Tx (2).docx

EDMS Doc Link

Attached Local Files

ContractContract
Number: IL-CT171200075Contract
Date: 2017 / 12 / 12
(YYYY/MM/DD)Contract
Name: Exhaust System for PCB line Project

Buyer : LG Electronics India Private Limited

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

CEO: Kim, Kiwan

Supplier : GREENTEK ENGINEERS

3F - 02 & 03, 3RD FLOOR, OZONE
CENTRESECTOR-12, FARIDABAD, HARYANA-121007

Representative : GAURAV GUPTA

Contract Amount	(INR) 969,582.00
Contract Period	2017 / 12 / 12 - 2018 / 02 / 28 (YYYY/MM/DD)

Purchase Details

No.	Item Code	Name			
		Specification			
Curr.	Qty.	Unit	Unit Price	Amount	
1		Exhaust System for PCB line Project			
		INR	1.00	SET	969,582.00 969,582.00

GREENTEK ENGINEERS

PCB line exhaust system (round duct)					SUPPLY	LABOUR	
S. No	Description	Unit	Qty	Rate	Amount	Rate	Amount
1	Exhaust fan						
	SISW fan backward curve Wolter / Humidin Motor 7.5 HP Class H 1440 RPM CFM 6000 125 MM Static pressure	Make Nos	2	91,659	183,318	5,537	11074
2	Electrical Panel with power cabling						
2.1	Electrical panel with Mitsubishi VFD	Nos.	2	56,824	113,648	5,683	11366
3	Ducting						
3.1	Providing of Factory made Sheet metal round ducting with fitting.						
	500 dia	Rmtr	60	1,079	64,740	194	11640
	400 dia		50	863	43,150	194	9700
	300 dia		60	646	38,760	194	11640
3.2	Providing of flexible duct high pressure						
	200 dia	Rmtr	60	890	53,400	194	11640
	150 dia	Rmtr	60	668	40,080	180	10800
	100 dia	Rmtr	60	445	26,700	167	10020
	100/80- dia semi rigid aluminum round duct	Rmtr	100	445	44,500	167	16700
3.3	Collar pcs						
	500 dia X 200 dia	Nos	15	248	3,720	139	2085
	400 dia X 150 dia	Nos	15	186	2,790	139	2085
	300 dia X 100 dia	Nos	20	149	2,980	139	2780
3.4	Volume control damper						
	200 dia	Nos	15	233	3,495	139	2085
	150 dia	Nos	15	233	3,495	139	2085
	100 dia	Nos	20	233	4,660	139	2780
4	Flexible fire proof canvass connection						
	Providing of fire rated flexible connection as per specifications and drawings.						
4.1	Fire proof canvass connection	Nos	2	1,730	3,460	693	1386
5	Fire damper						
	supply of fire damper 90 minutes rating with fuse link	Nos	2	2,609	5,218	693	1386
5	Air ballacing and commissioning	Job	2	0	0	4,118	8236
	Total				638,114		129,488
	GST				178,672		23,308
					816,786		152,796
	Grand Total:						969,582

Exclusions:

Base frame for fan
3 Phase Power supply upto panel
Angle channel support for duct
Roof sheet cutting and repair