

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

Import PO List Import PO Entry

View Import PO

EAL- FINEPS-IMPORT-22057-160829-31287

Back

Supplier Information

Order Submission No: IL0CNZ1608296499
 Order Submission Title: 15 No.s Case jig making for Orion SL (NOVA) Model
 Agent: GOMOTEC CO.,LTD
 Agent Code: KR839108
 Supplier: EAL_GOMOTEC CO.,LTD_KR839108
 Supplier Code: KR839108
 Country: Korea, Republic of

Accounting Unit: CNZ
 Department: REF Manufacturing Engg.
 Price Term: FOB
 Payment Term: Open Account 30 Days From B/L Date
 Payment Currency: USD
 Bank Info: EAL_SUPPLIER
 Account No: 180063146842

PO Information

Import PO No: GCNZ1668991
 Fund Type: EQUITY_CAPITAL
 Penalty Flag: N (1/1000 per Day)
 Origin Certification Flag: N
 Direct Transportation Flag: N
 Usage: DOMESTIC
 Update Date: 09-Sep-2016
 * Open Request Date: 29-Aug-2016
 Order Person: KUMAR, HARISH SH. K K SINGH

Status: CONFIRMED
 * Ship to: (AO2(LGSEL)) IL_Refrigerator Division(Noida)
 * Bill to: (AO2(LGSEL)) IL_Refrigerator Division(Noida)
 * Payment Condition: T/T in Advance Flag N

Advance payment: 100.00 %
 After Shipment: %
 After Verification: %
 P-Bond: %
 Total Amount: 35,199.90
 U/C No: EALCN16689912

PO Content

Header
 15 No.s Case jig making for Orion SL (NOVA)
 Model

Content
 15 No.s Case jig making for Orion SL (NOVA)
 Model

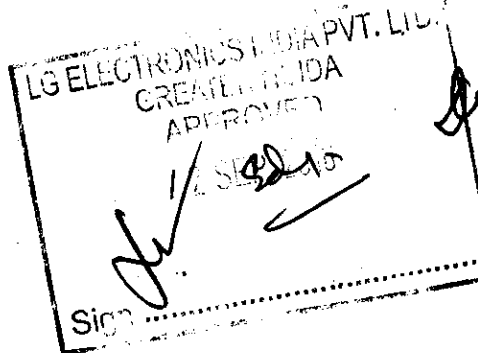
PO SEQ Information

SEQ	Part No	Description	Spec	Unit Price	Unit of Measure	Customer Request Date	Order Qty	Amount	HS Code	Customs Duty Reduction	Project Code
1	GCNZ166559101	Case jig Orion Model	Case jig	2,346.66	EA	29-Aug-2016	15	35,199.90	0000	N	CNZ1610666005

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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Signature
 9/9/16

Signature
 9/10/16

(109)

Indian Customs EDI System - Imports V1.5R001
MUNDRA SEZ PORT, MUNDRA, GUJARAT
BILL OF ENTRY FOR HOME CONSUMPTION

[Custom Stn: INMUN1] _____ CHA : AAAFJ0020DCH001 [JAGUAR ENTERPRISES
(INDIA)]
BE No/Dt./cc/Typ:6530038/29/08/2016/N/H
Importer Details :0596063211 PAN : AAACL1745QFT001 AD Code :
6480003
LG ELECTRONICS INDIA PVT.LTD.
86 :PLOT NO.51
UDYOG VIHAR SURAJ PUR KASNA RD.
GREATER NOIDA U.P. 201306 Payment Method :
Transaction

IGM No :2145545/28/08/2016 Port Of Loading :Busan(Korea)
Cntry Of Orgn.: KOREA,REPUBLIC OF Cntry Of Consqn.:
BL No : PLIHQ4674570 H/BL No :
Date : 08/08/2016 Date :
No. Of Pkgs. : 1 PKG Gross Wt. : 2024.000 KGS
Marks:AS ADDRESS
& Nos

Inv No & Dt. : GMT-CJ16051 28/07/2016 M/S. GOMOTEC CO. LTD
Inv Val : 35200.00 USD TOI: FOB 192,GOMO-RO 324 BEON-GIL,
JILLYE-MY
Freight : 295.00 USD EON GIMHAE-SI,
GYEONGSANGNAM-DO, 621
Insurance : 1372.00 INR -881, KOREA
SVB Load(Ass): Cust. House: KOREA,REPUBLIC OF
SVB Load(Dty): HSS Load Rate: 0.00% Amount: 0.00
Misc. Charges: 0.00 0.00
Discount Rate: 0.00 Discount Amount:
0.00
EDD : 0.00 XBE Duty FG Int.: 0.00
Third Party:

BuyerSeller Reltd :

No

Item Details

Exchange rate: 1.00 USD =

67.7500 INR

Sln	RITC	Description	RSP	Load
Qty	Unit Price	CTH	C.Notn C.NSNO	Cus Dty Rt BCD
amt(Rs)	Ass Val	CETH	E.Notn E.NSNO	Exc Dty Rt CVD
Unit				
amt(Rs)				

1 84663020 CASE JIG ORION 5L (NOVA) MODEL

15.00 2346.666667 84663020 152/2009 752 0.00 %
0.00

CELESTRONICS (I) PVT. LTD. G. NOIDA

IN

Vehicle Entry No. 6530038

Engine No. 15617

Chassis No. 94957

Date 06/09 6:10

Sign of SA

SECURITY G-2
HRSS S-3832

132

06/09/16 4:55



SET	2430219.83	84663020	12.50 %
303777.50			
	Educational Cess on CVDs	:	0.00 %
0.00			
	Sec & Higher Edu. Cess on CVD	:	0.00 %
0.00			
	Customs Educational Cess	:	2.00 %
6075.50			
	Customs Sec & Higher Edu. Cess	:	1.00 %
3037.80			
	Addl Duty - (Imports)	:	019/2006 4.00 %
109724.40			

Rs.	2430219.83	Page Total	Rs.
422615.20			
	Rs.	2430219.83	BE Gross Total
422615.20			Rs.
BCD	Rs.	0.00	NCD Duty
0.00			Rs.
ANTID	Rs.	0.00	SAFEGUARD Duty
0.00			Rs.
CVD	Rs.	303777.50	Sch 2 Spl Excise Duty
0.00			Rs.
CESS	Rs.	0.00	GSIA
0.00			Rs.
TTA	Rs.	0.00	
Edu. Cess CVD	Rs.	0.00	Customs Edu. Cess
6075.50			Rs.
Health CVD	Rs.	0.00	Addl Duty - (Imports)
109724.40			Rs.
SHE. Cess CVD	Rs.	0.00	SH Cust Edu. Cess
3037.80			Rs.

Duty Payable: Rs.
422615
Rs. Four Lakh Twenty Two Thousand Six Hundred and Fifteen only

Container Details

1 2145545 F MSKU5267891

This is an advance Customs Clearance document. The actual duty leviable may change with variations in statutory rates of duty/exchange rate. Re-assessment can also be made by the Customs Department under section 17 of the Customs Act 1962 any time before clearance.

-----[NIC
]-----

FORM-XXXVIII
Department of Commercial Taxes, Government of Uttar Pradesh
[See rule-54 of the UPVAT Rules, 2008]
Form of Declaration for Import

Original Copy



Form 38 Serial No	1609ES16945600084957	This e-Sancharan Number is valid upto 05/10/2016
Date of Issue	06/09/2016	
Assessment Office	Corporate Circle, Greater Noida -2	
TIN	09966100409	Date(w.e.f) 14/04/1997
Name of Dealer		L.G.ELECTRONICS INDIA PVT. LTD
Address of Dealer		PLOT NO.-51 KASNA ROAD, SURAJPUR
1. Description of Goods		All types of electronic goods
2. Weight / Measure		2024.00-Kilograms
3. Quantity		1-Other
4. Value in Figure		2852835.00
5. Value in Words		Rupees Twenty Eight Lakh Fifty Two Thousand Eight Hundred Thirty Five Only
6. Bill/ cash memo/ challan/ tax invoice number & date		(6530038,29/08/2016)
7. Goods Destination Place		GREATER NOIDA
8. Name and Address of seller / consignor		GOMOTEC CO LTD KOREA
9. TIN of seller / consignor		09999999999

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

This Vishishta Sancharan Number/Form XXXVIII is online generated and as such does not require any signature of importer/seller.

1. Name & address of the Transporter / carrier etc.
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
GCF LOGISTICS PVT. LTD. NEW DELHI

HR55S-3832



Demand No : D1609400011313 (160900016836) Single (Original)

Printed On : 06/09/2016 01:36:29

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

\$(APPROVE_DISCUSSION)

Created Date 2016-07-28 13:03 (Korea Time)

Requested by SUMIT SHARMA (LGEIL REF - Development / dy.manager , 091-0120-0256-0900)

Subject Activity approval for 2017 Orion 4-star pjt (0.24 M\$) & Additional investment for jig conversion

Retention 3 Year

Security Grade Internal use (Only)

EDMS Attributes

Tag Activity approval for 2017 Orion 4-star pjt (0.24 M\$) & Additional investment for jig conversion

Access *LG Electronics;*LGEIL REF

Permission Browse;Development

Project Need :

- DC Ref Energy Star rating declaration norms revised by BEE (w.e.f Jan'17 onwards)
(This year 5-Star models will become 3-Star as per revised norms)
- In order to maintain market leadership in DC category, existing models need to be upgraded so as to meet next year Energy star rating criteria.
- For this, project has been registered for developing next year 4-star & 5-star category models.
(Project approval taken by HQ_Refer attachment)

Project Current Status :

- PP phase completed & DVI phase is under progress.
- To upgrade energy efficiency of DC products, new tool has been made for Plate rear with increase draw by 15mm
(To increase insulation thk) & also for supporter condenser.

New tools has already been made in HQ for New back plate & supporter condenser (Based on pjt approval taken by HQ).

New parts image

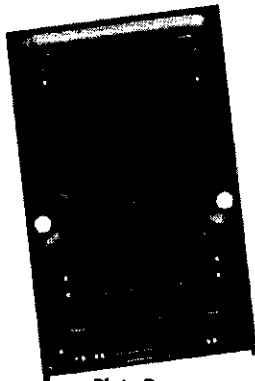


Plate Rear



Supporter Condenser

Above new tools has to be shipped to IL for carrying out further development related activities.

Approval Summary :

- 0.24 M\$ amount to be allocated for carrying out project activities (Budget approval taken by HQ development team)
- Additional budget of 0.008 M\$ required for R2 & R1 line case foaming jigs

TTL : 0.248 M\$

HQ Approval details :

HQ approved budget (For Noida_Onon5L) : 269200000 KRW (HQ approval attached) (0.24 M\$)

Forex : 1 USD = 1150 KRW = 68 INR

Plate Rear : 01 tool

Supporter Condenser : 01 tool

Case foam back plate support platen : 36 sets (16 for R1 line & 20 for R2 line)

이제와 같이 17 IL Door 소전 개편 Pjt 후반부 공의 종료까지 추가 예정입니다
 사업부장은 부서 가용인 수인 예산 차감은 변경요청으로 알피수 가능하며, 같은 물로 하향합니다

===== 자 기, =====

1. 내용 17 IL Door 소전 개편 Pjt 후반부 공의

2. 투자 목적 소비전력 극저 대용에 따른 에너지 효율을 극대화할 것임

3. 투자 Item Plate Rear 2 9 Items

4. Total 투자비 662,900,000(유출증정액)실현됨

5. 소비과 269,000,000(유출증정액)실현됨

6. 투자 392,000,000(유출증정액)실현됨

7. 투자 회수기간

8. 소비과 0.37% (목표 COI 10.1%)

9. 투자 0.47% (목표 COI 14.9%)

10. 투자 실적 사진

1. 투자검토 요약서

제품구분	Project	투자 Item	투자대수	투자예산	투자목적	심의결과
D/C	17 IL Door 40lar	Plate, rear 외 9 Items	1,600Kty	6.6억	소비전력 극저 대용에 따른 에너지 리더십 및 친환경 경영목 달성	

투자 목적 - 17 IL 인도 내수 소비전력 극저 대용에 따른 에너지 리더십 확보를 위한 투자 검토하고자 함 투자 내용 (Pattern: 4x6) - St Onon 2.3D / 총 (Plate rear 외 5종 Jig 포함) - Onon 2.3D / 총 (Plate rear 외 2종 Jig 포함) 투자후 비교(투자장비대조)	투자 예산 소비전력 개선 방안 F (17) PRM St Onon 2.3D / 총 (Plate rear 외 5종 Jig 포함) Onon 2.3D / 총 (Plate rear 외 2종 Jig 포함) NO 품명 비고 1 Door Foam Assembly 공통 2 Case Foam Assembly 공통 3 Plate rear Assembly 신도 4 Condenser Assembly 제조 5 Compressor 제조 6 Bracket condenser Case Upper Jig 신도	투자 실적 - Soaphe 1 17V 40lar C1급 1/26 4/26 5/12 6/15 10/15 10/30 상용화 투자 PF DV Far P2 Pre 14P - Soaphe 1 17V 40lar C1급 1/26 4/26 5/12 6/15 10/15 10/30 상용화 투자 PF DV Far P2 Pre 14P 투자회수 기간 - 소비전력 - Pure ModS1 C2 3) 14.5% Base 0.5% St 10.9% Base 10.5% - Node (Onon 2.3) 10.1% Base 0.5% St 10.9% Base 10.4% - 투자 금액 6.6억 (Pure 3.9%, Node 2.7%) - 투자 회수 기간 Pure 0.47개월 / Node 0.37개월 투자 실적 비교 있음
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Approval Request :

a) Case foaming jig back plate platen for R1 line (Qty : 01)

Since, Plate rear design is changed with 15mm additional draw, so, case foaming jig supporting platen needs to be newly developed as per new plate rear design.

TTL no. of case foaming jigs --> 37 nos. (R1 : 17 nos. & R2 : 20 nos.)

Approval taken by HQ team for 36 nos. supporting platen.

Need additional platen for remaining 01 jig as it was missed in HQ approval

Investment Amount for 01 R1 line supporting platen : 1.8 lacs INR [0.003 MS]

b) Case foaming jig supporting platen for R2 Line (Qty : 20 nos.)

Above change needs to be incorporated in R2 line case foaming jigs as well.

For this change, HQ team has already taken mgmt. approval for Case foam back plate support platen : 36 sets (16 for R1 line & 20 for R2 line)

Approved budget : 108000000 KRW (HQ approval attached)

Forex : 1 USD = 1150 KRW = 6K INR

i.e. Approx : 2608 USD/set for R2 line jigs

Actual quotation received from supplier : 60000 USD for 20 sets i.e. 3000 USD/set for R2 line jigs

Since, there is a shortfall in estimated cost/jig for R2 line w.r.t quotation received, so, **additional budget is required for balance amount** i.e. $(3000-2608)*20 = 7826 \text{ USD (5.32 lacs INR) [0.008 MS]}$

Kindly provide approval for the same.

Regards

Attachments:

- HQ Pjt & Investment approval attached
- HQ Approval for missed out items
- Quotation attached for R2 line Case foaming jigs conversion

Approval Type	Status	Approved Date	Approved by / Comment
Approval	Approved	2016-07-30 20:26	KULVEER SINGH (LGEIL REF - Development / d.g.m.) OK 1. Jigs Inc 36 --> 37 nos. 2. Case foaming jig cost for R2 line (20 sets) inc 2608 --> 3000\$ (negotiated cost)
Approval Line	Approved	2016-08-01 15:27	AMIT KHOSLA (LGEIL Development / g.m.) ok agreed to allocate as per HQ budget 0.24M\$ & Additional budget to complete activity
Approval	Approved	2016-08-02 18:57	김준현 (LGEIL FSE REF Development / 수석연구원) ok 17년 오리는 선모델 개발 사업부 투자 반영시, - 오리는 Capa 모델 개발 3 월말에 Jig 1조 추가한 부분이 누락 (36Jig -> 37Jig) - Case Foam 하판 Jig 개조 14,15년

R2라인의 경우 Heating 장치가 되어 있어 R1라인의 단순 하판 Jig 신작 비용 대비 1주당 392를 추가함.

SHIVENDRA SINGH (LGEIL Planning & Strategy / d.g.m.)

Comment : approval to be extended to HQ as per empowerment rule shared. As concluded activity within the budget.

ANIL KUMAR (LGEIL Factory Head - Noida / v.p.)

Comment : OK.

이호재 (LGEIL FSE Planning / 차장)

Comment : Agreed

DEEPAK BANSAL (LGEIL Planning / g.m.)

Comment : within basic plan

김태환 (LGEIL Noida Manufacturing / 부장)

Approval Approved 2016-08-11 21:11

Approval Approved 2016-08-11 22:08

Approval Approved 2016-08-12 13:33

Approval Approved 2016-08-12 17:54

Approval Approved 2016-08-19 22:51

CC MADHVINDRA SINGH (LGEIL REF - Development / manager)

FW Request PO for Rest Case Jig of '17 Orion5L 4Star PJT (Noida).msg

EDMS Doc Link Pjt Budget Approval_투자비 품의]17 IL 1Door 소전개선 투자비 품의의 件.pdf

request Additional budget investment.msg

FW Request PO for Rest Case Jig of '17 Orion5L 4Star PJT (Noida).msg

Attached Local Files Pjt Budget Approval_투자비 품의]17 IL 1Door 소전개선 투자비 품의의 件.pdf

request Additional budget investment.msg

PACKING LIST

COPY

Seller/Exporter GOMOTEC CO., LTD 192, GOMO-RO 324BEON-GIL, JILLYE-MYEON GIMHAE-SI, GYEONGSANGNAM-DO, 621-881 REP. OF KOREA TEL: +82-55-345-9790, Fax: +82-55-345-9793		No. & Date of Invoice GMT-CJ16051 28-Jul-16								
For Account & Risk of Messrs LG ELECTRONICS INDIA PVT LTD PLOT NO. 51, UDYOG VIHAR, SURAJPUR-KASNA ROAD, GREATER NOIDA - 201306 (U.P.) INDIA T.91-9953555174 harish.kr@lge.com AT'N MR. RUPAK KANUNGO		No. & date of L/C N/A								
Notify Applicant: LG ELECTRONICS INDIA PVT LTD PLOT NO. 51, UOYOG VIHAR, SURAJPUR-KASNA ROAD, GREATER NOIDA - 201306 (U.P.) INDIA T.91-9953555174 harish.kr@lge.com AT'N MR. RUPAK KANUNGO		L/C Issuing Bank N/A								
		Remarks: 1.- PO No: LGEIL/ME/REF/0727/02 2.-COUNTRY OF ORIGIN SOUTH KOREA 3.-PAN CARD NO. AADCG8807M 4.- FOB BUSAN, KOREA								
Port of loading	Final destination									
BUSAN, KOREA	MUNDRA STAR TRACK TERMINALS, DADR									
Vessel or Aircraft Name	Selling on or about									
Vessel	8-Aug-16									
SHIPPING MARK	Package No.	Description of Goods	PKG QTY	LENGTH	WIDTH	HEIGHT	CBM	NET WEIGHT (KG)	Gross Weight (kg)	REMARK
LG ELECTRONICS INDIA PVT. LTD. NOIDA ATTN: MR. RUPAK KANUNGO COUNTRY OF ORIGIN: SOUTH KOREA SUPPLIER NAME: GOMOTEC CO.,LTD.	1	CASE JIG ORION 5L (NOVA) MODEL	1PKG	2115	2065	1,135	4.95	1,964.00	2,024.00	
TOTAL							4.95	1,964.00	2,024.00	

※ **REMITTANCE BANK:** SHINHAN BANK
BRANCH: JINYEONG MIDDLE MARKET
BANKING CENTER.

※ **ADDRESS:** 8, jangdeung-ro, jinyeong-eup, Gimhae-si,
Gyeongsangnam-do, Korea

※ **SWIFT CODE:** SHBKRRSE

※ **ACCOUNT NO:** 180-003-146042

Your sincerely,

GMT GOMOTEC CO., LTD

[Signature]

PRESIDENT Jerry Youn

COMMERCIAL INVOICE

COPY

Seller/Exporter GOMOTEC CO., LTD 192, GOMO-RO 324BEON-GIL, JILLYE-MYEON GIMHAE-SI, GYEONGSANGNAM-DO, 821-881 REP. OF KOREA TEL: +82-55-345-9790, Fax: +82-55-345-9793		No. & Date of Invoice GMT-CJ16051 28-Jul-16				
Consignee: LG ELECTRONICS INDIA PVT LTD PLOT NO. 51, UDYOG VIHAR, SURAJPUR-KASNA ROAD, GREATER NOIDA - 201306 (U.P.) INDIA T.91-9953555174 rupak.kanungo@lge.com AT'N MR. RUPAK KANUNGO		No. & date of L/C N/A				
Notify Applicant: LG ELECTRONICS INDIA PVT LTD PLOT NO. 51, UOYOG VIHAR, SURAJPUR-KASNA ROAD, GREATER NOIDA - 201306 (U.P.) INDIA T.91-9953555174 rupak.kanungo@lge.com AT'N MR. RUPAK KANUNGO		L/C Issuing Bank N/A				
		Remarks: 1.- PO No: LGEIL/ME/REF/0727/02 2.- COUNTRY OF ORIGIN SOUTH KOREA 3.- PAN CARD NO. AACG8607M 4.- FOB BUSAN, KOREA				
Port of loading BUSAN, KOREA		Final destination MUNDRA STAR TRACK TERMINALS, DADRI				
Vessel or Aircraft Name VESSEL		Sailing on or about 8-Aug-16				
No.	Description of Goods	Quantity	Unit	Unit Price (USD)	Amount (USD)	Remark
1	CASE JIG ORION 5L (NOVA) MODEL	15	SET	2,346.66	35,200.00	
				TOTAL	USD 35,200.00	

※ **REMITTANCE BANK:** SHINHAN BANK
BRANCH: JINYEONG MIDDLE MARKET
BANKING CENTER.

※ **ADDRESS:** 8, jangdeung-ro, jinyeong-eup, Gimhae-si,
Gyeongsangnam-do, Korea

※ **SWIFT CODE:** SHBKRRSE

※ **ACCOUNT NO:** 180-003-146042

Your sincerely,

GOMT GOMOTEC CO., LTD

[Signature]

PRESIDENT Jerry Youn



SHIPPER/EXPORTER GOMOTEC CO., LTD 192, GOMO-RO, 324BEON-GIL, JILLYE-MYEON, GIMHAE-SI, GYEONGSANGNAM-DO, 621-881 REP. OF KOREA		BL NO. PLIHQ4674570	
		EXPORT REFERENCES	
CONSIGNEE LG ELECTRONICS INDIA PVT LTD PLOT NO. 51, UDYOG VIHAR, SURAJPUR-KASNA ROAD, GREATER NOIDA - 201306 (U.P.) INDIA T. 91-9953555174 RUPAK.KANUNGO@LGE.COM ATN MR. RUPAK KANUNGO		FORWARDING AGENT	
NOTIFY PARTY SAME AS CONSIGNEE		POINT AND COUNTRY OF ORIGIN	
		TO OBTAIN DELIVERY CONTACT PANTOS LOGISTICS INDIA PVT LTD B-1/1, 3RD FLOOR, SOLITAIRE PLAZA, M.G. ROAD SIKANDERPUR, GURGAON HARYANA- 122002.	
PRE-CARRIAGE BY	PLACE OF RECEIPT BUSAN, KOREA, REPUBLIC OF	SURRENDERED	
EXPORTING CARRIER NORTHERN JAMBOREE 1612	PORT OF LOADING BUSAN, KOREA		
PORT OF DISCHARGE MUNDRA	PLACE OF DELIVERY MUNDRA		
		FOR TRANS SHIPMENT TO	FINAL DESTINATION (FOR THE MERCHANT'S REF) MUNDRA

[illegible]

FREIGHT AND CHARGES	PREPAID	COLLECT	The surrender of the original order bill of lading properly endorsed shall be required before the delivery of the properly Inspection of property covered by this bill of lading will not be permitted unless provided by law or unless permission is endorsed in this original bill of lading or giving in writing by the shipper	
FREIGHT COLLECT		COLLECT	IN WITNESS WHEREOF THE UNDERSIGNED, SIGNING ON BEHALF OF THIS CARRIER OR AGENT HAS SIGNED THREE(3) BILLS OF LADING ALL OF THE SAME TENOR AND DATE ONE OF WHICH BEING ACCOMPLISHED THE OTHERS TO STAND VOID. PANTOS LOGISTICS CO., LTD. (PLIHQ)	
TOTAL CHARGES			AS A CARRIER BY KANG HAK MO hakmo.kang@pantos.com	
			DATE AUG/08/2016	
FREIGHT PAYABLE AT DESTINATION			ATTENTION OF SHIPPER ; the term and conditions of lading under which this shipment is accepted are printed in the back hereof. Note unless otherwise specified the charges listed above do not include customs duties, taxes customs clearance charges and similar non transportation charges which are for the account of the cargo.	
NO OF ORIGINAL B/L ZERO(0)			PLACE AND DATE OF ISSUE SEOUL, KOREA	ON BOARD DATE AUG/08/2016



DETAIL PACKING LIST
REFERENCE INVOICE NO. GMT-CJ16051

Description	Net Weight (Kg)	PACKING TYPE	Packing Dimension			Gross Weight (Kg)	Photo	
			LENGTH	WIDTH	HEIGHT			
Case Jlg Orion 5L(NOVA) model	1,964.0	1WOODEN BOX	2115	2065	1135	2024		
	1,964.0	1				2,024.00		
<< END OF PAGE >>								

GMT GOMOTEC CO., LTD
Gomotel
PRESIDENT Jerry Youn

Created Date 2016-05-02 06:29 (Korea Time)

Requested by 예다한(냉장고ED/주임연구원,82-55-260-3262)

Subject [투자비 품의]'17 IL 1Door 소전 개선 투자비 품의의件

Retention 3 Year

Security Grade Internal use (Only)

EDMS Attributes Tag 투자비 품의

Access *LG전자*냉장고ED

Permission Browse,Download

하기와 같이 '17 IL 1Door 소전 개선 PJT 투자비 품의 드리오니 재가 바랍니다.
 사업부장님 지시 사항인 소전 사내 기준은 변경되는데로 맞추어 재료비 절감 토록 하겠습니다.

===== 하 기 =====

- 내용 : '17 IL 1Door 소전 개선 PJT 투자비 품의
- 투자 목적 : 소비전력 규제 대응에 따른 에너지 리더쉽 및 인버터 경쟁력 강화
- 투자 Item : Plate, Rear 외 9 Items
- Total 투자비 : 661,900,000(육억육천백구십만원)
 - 노이다 : 269,200,000(이억육천구백이십만원)
 - 푸네 : 392,700,000(삼억구천이백칠십만원)
- 투자 회수기간 :
 - 노이다 : 0.3개월(목표 COI 10.1%)
 - 푸네 : 0.4개월(목표 COI 14.9%)
- 투자 상세 내용

1. 투자검토 요약서

제품구분	Project	투자 Item	투자대수	투자예산	투자목적	심의결과
D/C	'17 IL 1Door 4star	Plate, rear 외 9 Items	1,600K/y	6.6억 (Jig: 2.2억 포함)	소비전력 규제 대응에 따른 에너지 리더쉽 및 인버터 경쟁력 강화 (B-Plate 포함 Jig: 0.85억)	

투자 목적	
17년 인도 내수 소비전력 규제 대응에 따른 에너지 리더쉽 확보를 위해 투자 진행하고자 함	소비전력 개선 방안
투자 항목	
Platform : 4EA	Energy PRM
- S1 Onon 2 3P 7종 (Plate rear 외 6종 Jig 포함) - Onon 5L 3종 (Plate rear 외 2종 Jig 포함)	S1: 1.2억 O2: 1.4억 O3: 1.1억 O6: 2.7억

투자비 비교(투자 상세 내역)

NO.	품명	비고
1	Door Foam Assembly	공용
2	Case Foam Assembly	공용
3	Plate rear	신차
4	Condenser Assembly	개조
5	Compressor	개조
6	Bracket condenser	신차
-	Case Upper Jig	수정

인상 계획						
+ Sapphire 117Y 4Star C1급						
1/26	4/26	5/12	9/15	10/15	10/30	
상품화 확정	투자 심의	PP Fair	DV Fair	Pv Fair	Pre-MP	
+ Orion 5L 17Y 4Star C1급						
1/26	4/26	5/12	9/15	10/15	10/30	
상품화 확정	투자 심의	PP Fair	DV Fair	Pv Fair	Pre-MP	

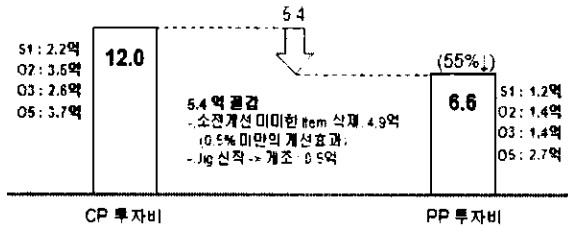
투자회수 기간	
• 견적순의	
- Pune Mix(S1 O2 3)	14.9% (Base 8.6%) S1: 16.9%(Base 10.5%) O2: 16.1%(Base 10.4%) O3: 12.9%(Base 6.0%)
- Noida(Onon 5L)	10.1% (Base 6.5%)
• 투자 금액 6.6억 (Pune 3.9억 Noida 2.7억)	
• 투자 회수 기간	
- Pune	0.4개월 / Noida 0.3개월
유류 발생 여부 없음	

3-1. 신규 투자 검토 요약서/Investment summary

- 투자 목적 : 17년도 인도 내수 소비전력 강화에 따라 최소 재료비(Target: 2\$) 상승으로 소비전력 규제 대응 달성을 위해 투자 진행하고자 함
- 적용 모델 : Sapphire 1 / Orion 2.3P / Orion 5L
- 신규 부품 : Plate rear 외 9 Items

금형 투자비

Investment (단위 : 억원)



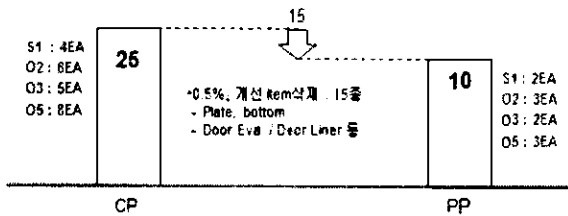
투자비 내역

금형 투자비 내역

구분	Model	Items							Investment	Note
		MO	PD	EPS	JIG	Exc.	Total			
Outside	Case	S1	5	1	0	0	1	87,500,000	Plate Rear	
		O2	0	2	0	0	2	100,000,000	Plate Rear & Shock absorber	
		O3	0	1	0	0	1	80,000,000	Plate Rear	
		O5	0	2	0	0	2	160,000,000	Plate Rear & Shock absorber	
	Sum		5	4	0	0	9	427,500,000		
In-house	Case Jig	S1	0	0	0	6	6	28,000,000	Steel Jig for mold	
		O2	0	0	0	11	11	36,000,000	Steel Jig for mold	
		O3	0	0	0	14	14	60,000,000	Steel Jig for mold	
		O5	0	0	0	16	16	100,000,000	Steel Jig for mold	
	Sum		0	0	0	47	47	224,000,000		
Total			5	4	0	67	76	651,500,000		

Jig 개조 1조당 250만원(부가세 제외)

Development (사출 & 기타 단위 Item)



PP 단계 투자비 절감 5.4억

- 소전개선 미미 Item 삭제(0.5% 미만의 개선 효과) 4.9억
- Jig 신작 -> 개조 0.5억

Master Checklist

No	Approval Type	Status	Approved Date	Approved by / Comment
1	Approval	Approved	2016-05-02 07:15	황귀남(냉장고ED/수석연구원) Comment: OK(2017년 인도 4Star 달성 및 정속 동등 인버터 Cost 달성을 통하여 제품 경쟁력을 확고히 하겠습니다)
2	Approval	Approved	2016-05-02 08:30	서승환(냉장고ED기획파트/수석연구원) Comment: 확인하였습니다. 투자 예산내 집행건입니다.
3	Parallel	Approved	2016-05-02 13:47	강준현(LGEIL FSE REF Development/수석연구원) Comment: 확인
	Parallel	Approved	2016-05-02 13:00	김재일(LGEIL PRF Development/책임연구원) Comment: 확인(2017년 1Door 소비전력 강화에 대비한 투자 건이며, Target 소비전력 Level은 4Star 임.)
	Parallel	Approved	2016-05-02 14:55	조규성(LGEIL CMP-Administration/차장) Comment: 확인합니다.
4	Parallel	Approved	2016-05-02 14:34	이호재(LGEIL FSE Planning/차장) Comment: 확인합니다.
	Approval	Approved	2016-05-03 15:30	박종원(냉장고ED/수석연구원) Comment: ok. 소비전력과 원가 경쟁력 확실히 확보 할수 있도록 하겠음.
6	Parallel	Approved	2016-05-03 16:37	강태원(LGEIL Noida Manufacturing/부장)
	Parallel	Approved	2016-05-04 20:20	장희철(LGEIL Head Pune/부장) Comment: Approved.
7	Approval	Approved	2016-05-05 00:37	정성해(냉장고ED/상무) Comment: 4개 Tool 대상 전체투자비입니다.
8	Approval	Approved	2016-05-05 09:11	박영일(냉장고사업부/부사장)
9	Agree	Approved	2016-05-05 14:44	김근태(H&A기획관리FD/상무) Comment: ok

강동휘(냉장고ED/주임연구원)
CC 오홍수(냉장고ED/연구원)
우승욱(냉장고ED/연구원)

Attached Files 17년 4star_1Door 투자비보고_160422(Jig_개조).pptx

Estimation

NO : CJ-16087-5

Issued Date : 23th, May. 2016

● To : LG전자 냉장고 ED

(담당 : 우승욱연구원님)

● Title : Orion5(NOVA) C/Jig Modification



고모텍주식회사
GOMOTEC CO., LTD

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代表理事 / President 尹 日 眞 JERRY YDUN

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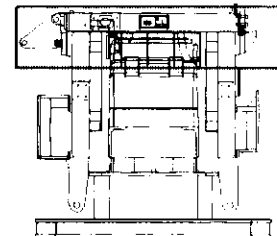
E-mail. hello@gomotec.com

621-881 청남 김해시 권동면 고모로 324번길 102
102, Gomo-ro 324-beot-gil, Jollye-myeon, Gijang-gun, Gyeongsangnam-do,
621-881 Rep. of KOREA

Sales Director : Min ki sik (민기식실장)

Tel : +82-70-4871-5519, +82-10-3116-4144, ksmink@gomotec.com

- 1.Face Down structure for Moving Pallet Loading system
- 2.Aluminum Cabinet : Back Plate New Making.(Except of parts.)
- 3.Quantity(set): 2 sets
- 4.Loading M/C: LGEIL(Noida)(Face Down structure for Moving Pallet Loading System)
- 5.Delivery : **FOB Busan - 40 Days after your PO**



●Payment : CIF Korea.

Currency: US \$ (1 \$ =1,163W)

●Issued Date of Estimate : 23th, May. 2016

No	Part	Item	Spec'	Q'ntty	Unit	Unit Price (U \$)	Amount(U \$)	Remark
1	Material Cost	1)Steel plate (SS400)	Core Frame, Steel Plate,Channel, Flat Bar, Gage Block	0	Kg	1	0	
		2)Wooden form for cast	1)Cabinet - pattern New making	1	Set	86	86	
		3)AL-Cast(AC4B)	1)Cabinet(Out Plate-Back)	168	Kg	6	1,083	
		4)A/L Plate	AL5052	40	Kg	6	258	
		5)Machine Room	Stopper,Clamps,Hinges,Open/Closing Pads	0	Set	258	0	
		6)전면 Clamp Assy	Plate,Bearing,Shaft	0	Set	301	0	
		7)Back Hinge Asm	Ductile Cast & Processed Form Assy	0	Set	129	0	
		8)Interior Materials	PTFE Film,Fixing Parts, Finishing materials	1	Set	77	77	
		9)Tools	Machine Tools& Hand Tools	1	Set	43	43	
		10)Exterior Materials	Primer, Urethane Paint, Coating agent...	1	Set	26	26	
		Total		212	Set		1,574	
2	In-Mfg Cost	1)DGN/PGM	Structure Design&CNC Programming	2	Hr	17	34	
		2)Frame building	Steel cut~weld~Forming~Grinding	0	Hr	15	0	
		3)Back Plate Processing		30	Hr	15	464	
		4)Finishing/Assembly	Surface clean'g~Parts, In/Exterior Assembly	5	Hr	15	77	
		5)Inspection	Self test, inspection other handling	6	Hr	15	93	
		Total		43	Hr		669	
3	Indirect Cost	1)Purchase,General	Control to Spec',Sourcing,QA,Export,Sales	2	Hr	15	31	
		2)Profit	10%				227	
		Total		1	Set		258	
4	Total for MFG	No 1+2+3		1	Set		2,501	
5	Total			1	Set		2,501	
6	Accesso-ry Cost	1)Export Package	Wood box+waterproof wrap'g	1	Set	650.0	650	
		2)Transportation	Air Shipping	1	set	1,500.0	1,500	
		Total		1	Set		2,150	
7	Supervising	- Flight Charge	Round Trip (Korea ~ India)	1	pns	2,000	2,000	
		- Lodging Charge	Hotel, Rental, Meals(1day\$240)*30	10	M/D	150	1,500	
		- Technical Charge	Technical Support(GMT)	10	M/D	300	3,000	
		Total		1	Set		6,500	
8	Total Price For Case Jig	No 5 + 6 + 7		1	Set		11,151	

Remark :