

Additional EP Request

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

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Payment Submission No. ILPAAZ1712189093

Request Date 18-Dec-2017

Requested by Kumar, Dushyant . Kumar, Dushyant (Facility Engg. Team/)

Title SUPPLY OF DUCTING AND AHU PIPELINE CONNECTION WORK MATERIAL FOR PCB LINE

1. Contents

SUPPLY OF DUCTING AND AHU PIPELINE CONNECTION WORK MATERIAL FOR PCB LINE

2. Payment Summary

Voucher Batch Name: EAZL-FINEPS_LOCAL-10277-171218-18750

Accounting Unit	Basic Currency Code	Total		Invest		Expense		Supplies	
		Order	Receipt	Order	Receipt	Order	Receipt	Order	Receipt
Headquarter	INR	72,294.00	72,294.00	72,294.00	72,294.00	0.00	0.00	0.00	0.00
Total		72,294.00	72,294.00	72,294.00	72,294.00	0.00	0.00	0.00	0.00

Approvals

Approval Type	Approval Status	Approved Date	Approver/Comment
APPROVAL	APPROVED	18-Dec-2017 15:21	KHURANA, PANKAJ Sh. sohan Lal Khurana(Noida HR, ESH & FE/a.g.m.) ok
AGREE	APPROVING		CHADHA, SANDEEP . CHADHA, SANDEEP HR. PREM PAL CHADHA(Accounting Innovation/manager)

Refers

*Refer	Department / Position
Kumar, Dushyant . Kumar, Dushyant	Facility Engg. Team/

File Attach

File	Description
green 125.mso [634880 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)	ILQAAZ1712159959	SUPPLY OF DUCTING AND AHU PIPELINE CONNECTION WORK MATERIAL FOR PCB LINE	Headquarter	Part payment	INR	72,294.00	18-Dec-2017	72,294.00		N/A	00125

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

About this Page

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Alaknanda

Sign.....
ELECTRONICS INDIA PVT. LTD.
GREATER NOIDA
APPROVED
28 DEC 2017
Kajal
Safar
Brunelborg

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

Local Receipt List

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Voucher Entry

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Order Summary

Order Submission No. **XL0AAZ1712199999**
 Order Submission Title **SUPPLY OF DUCTING AND AHU PIPELINE CONNECTION WORK MATERIAL FOR PCB LINE**
 Payment Condition **Part payment**

Voucher Information

Voucher No. **00125**
 Voucher Status **APPROVING**
 Payment Submission No. **XLPAAZ1712199093**
 Payment Submission Title **SUPPLY OF DUCTING AND AHU PIPELINE CONNECTION WORK MATERIAL FOR PCB LINE**
 Voucher Batch Name **EAIL-FINEPS_LOCAL-16277-171218-18750**

Invoice Information

Invoice Type **GENERAL INVOICE**
 Invoice No. **00125**
 Invoice Received Date **21-Nov-2017**
 Invoice Date **21-Nov-2017**
 *Accounting Date **18-Dec-2017**
 Supplier Code **IN033188**
 Supplier Name **GREENTEX ENGINEERS**
 Gst No **06AALPG0290K12A**
 India Tax DFF **EQ**
 LGE Name **L6 Electronics India (PVT.) Ltd**
 LGE Biz-No. **AAACL1745Q**
 Invoice Currency **INR**
 Payment Term **Domestic 30 Days From Invoice Date**
 Payment Method **MASS_PAY**
 Payment Group **REGULAR**
 Terms Date/Due Date **21-Nov-2017 20-Dec-2017**

Waybill Information

Nature of Job **Material**
 Bill To State **Uttar Pradesh**
 Waybill Number **1711W166944600594318**
 Bill From State **Maryana**
 Waybill Type **E WAYBILL_01**
 Waybill Amount **92,536.00**

Tax Information

* (A) Net Amount **72,294.00**
 Tax Base Amount **72,294.00**

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
LP_IGST_280	Purchase I-GST 28%	72,294.00	28	20,242.32	0	0.00	EQ AUTO

(C) Tax Amount Total **20,242.32**
 (D) Non-deduction Amount Total **0.00**
 (E)=A+B+C+D Total Amount **92,536.32**
 (F) Agreed Penalty
 (G)=E+F Payment Amount **92,536.32**

Item Information

Seq.	Item Type	Item Name	HS Code	SAC	Spec.	MakerName	Qty	Unit Price	Item Amount	(H) Item Payment Amount
1	INVESTMENT	SUPPLY OF DUCTING AND AHU PIPELINE CONNECTION WORK MATERIAL FOR PCB LINE	7306				1	72,294.00	72,294.00	72,294.00
Total							1	72294	72294	72294

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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Greentek Engineers

Office : 3F-02 & 03, 11th Floor, Ozone Centre

Sector-12, Faridabad - 121007 (Haryana)

Phone : 0129-2265283, 4319349

E-mail : greentekengineers@yahoo.com

Website : www.greentekengineers.com

Tax Invoice

ORIGINAL

Bill to Party		GST No. 06AALFG0290K1ZA		TIN NO. : 06081336571	
Name: LG ELECTRONICS INDIA PVT LTD		Invoice No. 00125		Date: 21.11.2017	
Address: Plot No.51, Udyog Vihar, Surajpur Karna Road, Greater Noida-201306 (U.P) India		P O No. LGEIL/FE/PO/PCB-529/2017		Date: 09/11/17	
		GR No.		Vehicle No.	
		If Own Vehicle		Vehicle No.	
GSTIN:09AAACL1745Q1Z2		Date of Supply 21.11.2017		Time of Dispatch	
Reverse Charge (Y/N): No		Place of Supply FARIDABAD			
State: Uttar Pradesh		Code:- 09		E-way Bill No.	
				Date	
S. No.	Description of Goods/Services	HSN codes/Service Code	Qty	Rate	Taxable Value
1	Supply of MS C Class Pipe With Accessories				
	150mm	7306	86	1462.00	43860.00
	80mm	7306	42	677.00	28434.00
Total					72294.00
Freight					0
Delivery Address if different from Buyer					Total Amount before Tax 72294.00
Add: CGST					
Add: 5GST					
Add: IGST 28%					20242
Total Tax Amount					20242
Total Amount after Tax Payable					92536.00
GST on Reverse Charge					0
Certified that the particulars given above are true and correct					
Bank Details:- AXIS BANK LTD					
Bank A/C: 912020032484890, Bank IFSC: UTIB0001575					

Terms & conditions:-

1. Payment should be made by a crossed 'A/c Payees Only' cheque in the favour of Greentek Engineers.
2. Receipt in our official receipt duly signed by our authorised officer will be considered valid.
3. All transaction are subject to Faridabad Jurisdiction and also subject to terms as per agreement.
4. Interest @ 24% p.a. will be charged if payment is not made on due date.

For Greentek Engineers

Authorised signatory

SECURITY G-2
 Veh No. 2400008264
 Entry No. 1105
 Date 00/11/08

Vehicle Entry No. 00125
 Invoice No. 17591
 Gate Entry No. 594318
 Form-38 No. 1106
 Date 00/11/08
 Sign of S.O.

G ELECTRONICS (PVT) LTD. G. NOUL.

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 1711W166944600594318
Date of Issue 21/11/2017
Assessment Office Corporate Circle, Noida
GSTIN 09AAACL1745Q1Z2
Name of Dealer

This EWay Bill-01 Number is valid upto 22/11/2017

Address of Dealer

LG ELECTRONICS INDIA PRIVATE LIMITED
 PLOT 51 UDHYOG VIHAR SURAJPUR KASNA ROAD
 GREATER NOIDA UP

1. Description of Goods

MS PIPE

2. Weight / Measure

1200.00-Kilograms

3. Quantity

12-Piece

4. Value in Figure

92536.00

5. Value in Words

Rupees Ninety Two Thousand Five Hundred Thirty Six Only

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

(00125,21/11/2017)

7. Goods Destination Place

GREATER NOIDA

8. Name and Address of seller / consignor

GREENTEK ENGINEERS 3F 3RD FLOOR OZONE CENTRE
 SECTOR 12 FARIDABAD 12007

9. TIN of seller / consignor

06AALFG0290K1Z4

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 EWay Bill-01 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

UP17AT2764

MANOJ



Demand No : D1711600583636 (171100723277) Single (Second)

Printed On : 21/11/2017 09:59:27

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 1711W166944600594318
Date of Issue 21/11/2017
Assessment Office Corporate Circle, Noida
GSTIN 09AAACL1745Q1Z2

This EWay Bill-01 Number is valid upto 22/11/2017

Name of Dealer
Address of Dealer

LG ELECTRONICS INDIA PRIVATE LIMITED
PLOT 51 UDHYOG VIHAR SURAJPUR KASNA ROAD
GREATER NOIDA UP

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 & date
7. Goods Destination Place
8. Name and Address of seller / consignor
9. TIN of seller / consignor

MS PIPE
1200.00-Kilograms
12-Piece
\$2536.00
Rupees Ninety Two Thousand Five Hundred Thirty Six Only
(00125,21/11/2017)
GREATER NOIDA
GREENTEK ENGINEERS 3F 3RD FLOOR OZONE CENTRE
SECTOR 12 FARIDABAD 12007
08AALFG0290KIZA

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

1. Name & address of the Transporter / carrier
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

UP17AT2764
MANOJ



Demand No : D1711600583636 (171100723277) Single (Original)

Printed On : 21/11/2017 09:59:27

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

Subject Approval for supply and installation of ducting and AHU's pipe line connection work for PCB Line

Created Date 2017.11.04 11:23 (Korea Time)

Requested ALOK MOHAN(LGEIL Facility Engg. Team/Part Leader,91-12 by -0256-0900)

Purpose : This approval is to supply and installation of ducting and AHU's pipe line connection work at PCB Line.

Need : We are going to install PCB Line in Dec'17 & as per PCB Line requirement certain Temperature & Humidity need to be maintained.

: Temperature & humidity specification are very critical for process & PCB quality.

: We need to provide the normal air conditioning at PCB Line & for this AHU's based cooling system will be installed.

: As per process requirement & Human comfort we need to provide ducting from AHU's to inside the line & pipe line connection to be done from chilled water header till AHU's.

: This ducting is used to transfer the cooled air from AHU's to Line area.

Benefit : For Process requirement to meet Temperature & Humidity Requirement.

Vendor : Greentek Enginners

Amount : Rs. 36.94 Lacs basic cost + GST as actual basis + Freight is included. (Total Amount : Rs. 46.36 Lacs including GST)

ARR No : 529

Budget : PCB Line investment Budget

Justification : Rate is provided by GP Team & details are attached for reference.

Note : This approval is only for ducting & Pipe Line work, separate approval will be raised for Cooling Tower & Chiller Piping work.

PCB Line Budget Utilization Details :

Legend :							
		Approval Done / Already raised					
		Current approval is being raised					
Sr. No.	Head	Details	Initial Total Head Wise Amount (Rs.) (Without Tax)	Initial Activity wise Amount (Lacs) without Tax	GP Approved Basic Amount (Rs.)	GP approved Total amount Considering GST @28%	Remarks
1	Electrical Work	400 KVA UPS Installation for Machines	39	39			This is in PE Scope & PE will raise separate approval for this.
2		Transformer side Panel modification & Integration	171.8	3.5	2.65	3.40	Now chiller cooling tower panel is pending that we will be finalized after chiller capacity finalization
3		Building Substation Side Panel & Cabling Work		113.4	72.06	92.24	
4		2 No panels for Line machine & Utility machine along with Cable		38	11.59	14.84	
5		Lights installation for Lux level and service charges for electrical works		16.92	14.9	19.07	LED light quantity and cost is on tentative basis
6			80	32	26.33	37.4	

200 Screw chiller
(LG Make)

1- Rate is provided
by LG CAC Team &
would be supplied to
LG Noida on NRGP
Price.
2- EPCG benefit will
be taken & IGST will
be reversed later.

7	Normal Air Conditioning	2 No AHU's at Line		8				
8		Ducting , Electrical , Panel , Civil work etc		25	36.94	46.36		This approval is for ducting work & Pipe line work related to AHU from main header. Separate approval will be taken for cooling tower pipe line.
9		Pipe Line work		15				
10		Particition work (Aluminium with Glass) with doors , False Ceiling Work , Floor polishing)	66.5	66.5	69.47	81.98		Initially Cost was mentioned without tax only
11	Civil Work	Floor grinding work , Leveling & Hardner filling Work			2.55	3.01		Floor Grinding For Levelling Purpose approval will be raised seperately
12		ESD Floor fixing			12.37	15.76		This activity was finalized later.
13		Detectors installation		5.25				
14	Fire Alarm System	Cabling & Panel Work		6				
15		Programming & Installation charges	15.25	2				
16	Fire Extingusher	Fire extinguishers (Clean Agent) installation		2	3.28	4.20		As per LG Fire Code 2017 , Clean Agent Fire Extinguishers to be installed for Electronic Machines and Clean Rooms
Total Amount			372.6	372.6	252.1	318.3		

Cost Comparison Sheet :

S NO	DESCRIPTION OF ITEMS	Make	UOM	QTY	Supply and Installation			
					Supply Rate	Supply Amount	Installation Rate	Installation Amount
A	CHILLED WATER PIPING							
	Supply, Installation, Testing and Commissioning of Insulated Chilled Water Piping as per approved working							

	drawings, schedule and specifications. The contractor is to include the cost of supports to be provided						
1	M.S. "C" Class/ thickness specified Chilled water piping confirming to IS 1239 & IS – 3589 both revised till date complete with bends, reducers, tees, supports, vibration isolators, flow indicators etc.	Jindal Hissar / TATA					
	150 mmdia.		RM	115	1462	168,130	72,910
	100 mm dia		RM	80	980	78,400	33,840
	80 mm dia		RM	40	677	27,080	12,680
2	Chilled water piping insulation of rigid polyurethane foam pipe section of thickness as given below having uniform density not less 34kg/cu.m. finally finished with 26 G aluminium clading, 50mm thick	BALCO / HINDALCO			0	0	0
	150 mmdia. ✓		RM	115	650	74,750	34,730
	100 mm dia		RM	80	605	48,400	18,160
	80 mm dia ✓		RM	40	580	23,200	9,080
3	Supply, installation, testing and commissioning of Butterfly valves duly insulated complete with companion flanges, nuts, bolts, gaskets etc. as specified. Butterfly valves with cast iron body, seat of black nitrile rubber, nylon coated S.G. iron disc.	AUDCO/L&T			0	0	0
	150 mmdia.		NOS	2	3451	6,902	4,684
	100 mm dia		NOS	4	2363	9,452	4,000
	80 mm dia		NOS	2	1890	3,780	2,498
5	Supply and installation of Y-Type strainer C.I / MS body , bolted cover, flanged ends, basket of brass/ bronze/ SS wiremesh 24G X 14 mesh for chilled water application complete with flanges, nuts-bolts, gaskets etc. as per specifications duly insulated a	SANT / EMERALD			0	0	0
	100 mm dia		NOS	2	6565	13,130	2,000
	80 mm dia		NOS	1	5745	5,745	1,249
6	Supply, Installation, Testing, & Commissioning of 10mmdia. Automatic air vent in brass construction complete with nipples, union etc. as required at all high points in the pipe lines. The valve shall be such as to have non-return valve as integral part.	ANERGY	NOS	6	908	5,448	1,092
7	Supply, Installation, Testing and commissioning of Balancing valves having forged brass / gray iron / ductile iron with pressure rating as per specification, stainless steel stem & sealing disc. The valve shall be complete with companion flanges, nuts, bolts	ADVANCE			0	0	0
	100mmdia.		NOS	2	15465	30,930	3,124
	80mmdia.		NOS	1	11057	11,057	1,249
8	Supply, Installation, Testing, & Commissioning of ball valves.	ZOLOTO / RAPID COOL			0	0	0

	25mm dia		NOS	12	785	9,420	157	1,884
9	Dial type pressure gage (100mm dia) complete with siphon.	H GURU	NOS	3	1570	4,710	314	942
10	Dial type temperature gage (100mm dia) complete with thermowell.	H GURU	NOS	3	1570	4,710	314	942
11	Drain water piping of GI medium class confirming to IS:1239 as per specification complete with bends, tees, supports etc. as required.	JINDAL HISSAR			0	0	0	0
	50mm dia. With 6mm XLPE insulation with aluminium foil.		RM	60	515	30,900	150	9,000
B	ELECTRICAL WORK				0	0	0	0
1	Supply, Installation, Testing and commissioning of starter panels in the AHU rooms constructed out of 2mm thick CRCA sheet duly power painted. The panel shall have hinged door with on-off interlocks. The panel shall be complete with incoming MCB, suitable	Siemens/ABB Switchgear	NOS	3	37500	112,500	7000	21,000
2	Supplying and laying of following PVC insulated aluminum conductor armoured cables 650/1100 volts complete with cable tray, clamps, saddles etc. including effecting proper connection to the equipment as required. termination connections to cables shall be				0	0	0	0
	4 C X 25 Sq.mm	POLYCAB / GLOSTER / HAVELLS	RM	0	1380	0	70	0
	4 c x 16 Sq.mm	POLYCAB / GLOSTER / HAVELLS	RM	50	161	8,050	60	3,000
	4 c x 10 Sq.mm	POLYCAB / GLOSTER / HAVELLS	RM	10	129	1,290	52	520
	4 c x 6 Sq.mm	POLYCAB / GLOSTER / HAVELLS	RM	0	0	0	0	0
3	Supply and laying of following sizes of 8 SWG bare GI earthing wires including fixing clamps and effecting proper connections to equipment etc. complete as required.		RM	60	20	1,200	10	600
4	Providing & laying perforated MS slotted angle cable tray of 300mm wide ' 50mm depth ' 2mm thk duly painted as reqd. of following sizes as per specification.	MEM / INDIA TECH	RM	0	535	0	150	0
	100mm wide		RM	30	405	12,150	115	3,450
C	SHEET METAL WORK AND INSULATION							
	Supply, Installation, Testing Balancing & Commissioning of the following items as per approved working drawings, specifications and requirement							
1	G.S.S Rectangular (Site Fabricated) ducting complete with gaskets, elbows, splitters, vanes, supports etc.	TATA / JINDAL / SAIL						
	18 gauge (1.2 mm thick)		SqM	215	830	178,450	200	43,000

	22 gauge (0.80 mm thick)		SqM	450	530	238,500	180	81,000
	24 gauge (0.63 mm thick)		SqM	650	450	292,500	180	117,000
	MS ANGLE Iron, rods etc for duct support and plenum flanges.		KG	3,500	60	210,000	20	70,000
2	Supply and Return air 595*595 diffusers with frame made out of powder coated extruded aluminum sections complete with frame, gasket screws, volume control damper and LLP etc.	TRI STAR / AIR FLOW / SERVEX	Nos	280	1334	373,520	267	74,760
3	Box type duct volume control damper complete with nuts bolts, screws, linkage, flanges etc. as per specifications and, drawings.	TRI STAR / AIR FLOW / SERVEX	SqM	16	4050	64,800	1509	24,144
4	Acoustic lining of supply air ducting complete with G.I frame, tissue paper, 28G perforated al. Sheet, 25mm thick 24 kg/cu.m fiberglass insulation of thickness as mentioned below etc. as per specifications.	UP TWIGA / OWENS CORNING	SqM	300	400	120,000	227	68,100
5	Thermal insulation XLPE with aluminium foil of supply/ return air ducting.	SUPREME						0
	13 mm thick		SqM	1,200	295	354,000	100	120,000
6	Fire proof double layered canvass cloth connection for AHU outlet complete with flanges made out of 22G G.S.S sheet on both sides for connection to AHU and duct complete with nuts, bolts etc. as per specification.	CARRYAIRE / MAPRO	Set	3	2565	7,695	1283	3,849
7	Supply, Installation, Testing and Commissioning of fire dampers complete with linkages etc.							0
	Total area of dampers (for supply/Return air)		SqM	10	6411	64,110	1509	15,090
	Spring return Actuator with control panel for fire damper	HONEYWELL	Nos.	12	8533	102,396	1707	20,484
8	Supply, Installation, Testing and Commissioning Pre insulated Aluminium foil flexiible ducting complete with ties & collars at main duct and indivisual plenums							0
	Diameter 10"	SPEHERE / UP TWIGA	RM	75	314	23,550	63	4,725
	Diameter 12"		RM	140	377	52,780	76	10,640
9	Supply and Installation of Floor mounted AHU with mixing box and thermal break profile and shall be provided with double stage filtration (MERV- 8 and MERV - 13).fan forward / backward.							0
	27,000CFM, 65 mm Static, 6Row Coil	EDGETECH	Nos	2	0	0	9050	18,100
	15,000CFM, 60mm Static, 6Row Coil	EDGETECH	Nos	1	0	0	6788	6,788
	Grand Total					2,773,635		920,314
	Total GST - Payable extra @28 %				28%	776,618		
	Total GST - Payable extra @18 %						18%	165,657
						3,550,253		1,085,971
						4,636,223		

GP Rate approval :

From: RAJEEV GARG(LGEIL General Procurement/rajeev.garg@lge.com)
 To: ALOK MOHAN(LGEIL Facility Engg. Team/alok.mohan@lge.com)
 Cc: PANKAJ KHURANA(LGEIL Noida HR, ESH & FE/pankaj.khurana@lge.com); ATUL MAHOTRA(LGEIL Manufacturing Engg./atul.mahotra@lge.com); DINESH TEWARI(LGEIL General Buying/dinesh.tewari@lge.com);
 Subject: FW: Air Conditioning Work of PCB Line
 Message: PCB_Air Cond Cost(3).xlsx (20 KB)

Sent: Thu 11-02-2017 3:54 PM

Dear Alok

You can consider attached final Quotation from M/s Greentek Engineers for Balance Work for PCB Line Air Conditioning.
 We are in process of making contract for the same as per attached quotation.

Basic Cost : Rs 36.94 Lac + GST at actual (Freight included)

Thanks with Regards

Rajeev Garg

General Procurement

LG Electronics India Pvt. Ltd

No	Approval Type	Status	Approved Date	Approved by / Comment
1	결재	승인 완료	2017.11.06 09:22	PANKAJ KHURANA(LGEIL Noida HR, ESH & FE/Team Leader) Comment : Ok, for Supply and installation of Chilled water pipe line, ducting and accessories for PCB line AHU.
2	결재	승인 완료	2017.11.06 10:34	Ref PCB investment '17 박용호(LGEIL FSE Production/책임) Comment : ok
3	결재	승인 완료	2017.11.06 14:09	DAVENDER SINGH(LGEIL Planning & Improvement Team/Team Leader) Comment : agree - within the total budget of PCB investment .
4	결재	승인 완료	2017.11.06 14:51	ANIL KUMAR(LGEIL Factory Head - Noida/Department Leader) Comment : OK. Agree.
5	결재	승인 완료	2017.11.06 15:38	이효재(LGEIL FSE Planning/책임) Comment : agree
6	결재	승인 완료	2017.11.07 10:17	DEEPAK BANSAL(LGEIL Planning/Department Leader) Comment : within budget
7	결재	승인 완료	2017.11.09 09:53	김태완(LGEIL Noida Manufacturing/President)

CC

Attached Files
 GP Rate Approval.JPG
 PCB Line Budget Utilization Status 04112017.xls
 PCB_Air Cond Cost(3).xlsx

EDMS Retention 3 Year
 Attributes Access *LG Electronics; *LGEIL Facility Engg. Team

Security Grade Browse;Download
 Permission Browse;Download

* This Later Control Date, Approval Date, Check Date is based on Korean standard Time (GMT+6)

S(A)PPROVE_DISCUSSION)

Created Date 2017-12-27 13:40 (Korea Time)

Requested by NAVNEET SHARMA (LGEIL RAC - Facility Engg. Team / sr.engineer II ,)

Subject Approval for supply & installation of ducting and AHU's pipe line connection work for PCB line in A

Retention 3 Year

Security Grade Browse;Download

Tag UNUSE

Access *LG Electronics; *LGEIL RAC - Facility Engg. Team

Permission Browse;Download

EDMS Attributes

Purpose :- This approval is to supply and installation of additional ducting and pipe line connection work at PCB line.

Need : We have taken management approval for air condition work at PCB Line but due to some site condition & criticalness related to parameters we need to change some design which leads to increase. This quantity was increased mainly in return duct & Pipeline work. This change was required to maintain Temp & Humidity as per provided specification.

Benefit : For Process requirement to meet Temperature & Humidity specification.

Note : Rate is as per GP approval for this project for ducting & piping work.
Overall budget is within Utility side approved budget.

Initial Budget : Rs. 36.94 Lacs + Tax extra

Additional Budget : Rs. 8.86 Lacs + Tax extra

ARR No:	622
Subject :	Approval for supply & installation of ducting and AHU's pipe line connection work for PCB line in A Bldg.
Purpose:	To Maintain Temp & Humidity specification as per requirement
Total Cost (Rs)	886126 + Tax extra as actual basis
Budget Criteria :	PCB Inv-17.
Budget Code :	73210105
Vendor Finalized:	Greentek
Justification :	GP Approved vendor & Rate
Requester Name :	Navneet Sharma

Additional Quantity Details related to Ducting & Pipe Line work : All other items are as per approved quantity.

S.No.	Description of Items	Unit	Qty	Approval Qty				Qty	Additional Qty			
				Supply Price	Supply Total	Installation Rate	Installation Amount		Supply Price	Supply Total	Installation Rate	Installation Amount
1	Ducting work											
	18 Gauge	SQM	215	830	178450	180	38700	663	830	550290	180	119340
	22 Gauge	SQM	450	530	238500	200	90000	1125	530	596250	200	225000
	24 Gauge	SQM	650	450	292500	180	117000	0	450		180	
2	Ducting insulation											
	13mm	SQM	1200	295	354000	100	120000	2344	295	691480	100	234400
3	AHU pipe line work											
	150 MM	RM	115	1462	168130	634	72910	145	1462	211990	634	91930
	80 MM	RM	40	677	27080	317	12680	82	677	55514	317	25994
4	Butterfly valves											
	100 MM	No	4	2363	9452	1000	4000	8	2363	18904	1000	8000
	80 MM	No	2	1890	3780	1249	2498	6	1890	11340	1249	7494
5	Diffuser	No	280	1334	373520	267	74760	160	1334	213440	267	42720
6	MS Structure	KG	3500	60	210000	20	70000	3000	60	180000	20	60000
Total Basic Amount				1855412			602548			2529208		814878
Final Total (Supply & Installation combined)					2457960						3344086	
Additional amount as per final execution										886126		

PCB Line Budget Utilization Details :

Sr. No.	Head	Details	Initial Total Head Wise Amount (Rs.) (Without Tax)	Initial Activity wise Amount (Lacs) without Tax	GP Approved Basic Amount (Rs.)	GP approved Total amount Cosidering GST @28%	Rema
1	Electrical Work	400 KVA UPS	39	39	29	37.12	This a
2		Transformer side Panel modification & Integration	171.8	3.5	2.65	3.40	Now c we will finaliz
3		Building Substation Side Panel & Cabling Work		113.4	72.06	92.24	
4		2 No panels for Line machine & Utility machine along with Cable		38	11.58	14.84	
5		Lights installation for Lux level and service charges for electrical works		16.92	14.9	19.07	LED li
6	Normal Air	200 Screw chiller (LG Make)	80	32	26.33	37.4	1- Rai be su 2- EP reves
7		Chiller Foundation			5.35	6.32	Found Line
8		Air Handling Units's for Air Conditioning Work		8	10.26	13.13	As pe need
9		Ducting , Electrical , Panel , Civil work etc		25			This a

10	Conditioning	Pipe Line work		15	36.94	46.36	work / Separ tower
11		Pipe Line work for chiller & Cooling Tower			11.22	14.36	PR R
12		Additional ducting work for PCB Line			8.86	11.34	Appro
		Humidifier			3.2	4	Humid
13		Pumps for Chiller & Cooling Tower			2.48	2.93	For ch
		Air Curtain for PCB Line			0.81	1.04	This a
14	Civil Work	Partition work (Aluminium with Glass) with doors, False Ceiling Work, Floor polishing Work	66.5	66.5	69.47	81.98	Initial
15		Floor grinding work, Leveling & Hardner filling Work			2.55	3.01	Floor will be
16		Motorized Door at PCB Line Entry & Exit			2.08	2.58	This a
17		ESD Floor fixing			12.37	15.76	This a
		Room Making For UPS of PCB Line			3.36	3.96	This a
18		Door to be motorized at PCB Line entrance			0.73	0.84	This a
19	Fire Alarm System	Detectors installation	15.25	5.25	8.11	10.3	
20		Cabling & Panel Work		6			
21		Programming & installation charges		2			
22	Fire Extinguisher	Fire extinguishers (Clean Agent) installation		2	3.28	4.20	As pe Exting Machi
23	CCTV Camera	CCTV Monitoring System	0	0	4.67	5.50	This is later
Total Amount			372.6	372.6	342.3	431.8	

Approval Type	Status	Approved Date	Approved by / Comment
Approval	Approved	2017-12-27 15:31	ALOK MOHAN (LGEIL Facility Engg. Team / Part Leader) Ok, for additional ducting & pipe line work at PCB e to change in design & site actual condition related to AHU ved budget. No additional budget is required. Budget : PCB P Approved rate.
Approval	Approved	2017-12-27 15:33	PANKAJ KHURANA (LGEIL Noida HR, ESH & FE / Team) Ok, Overall activity within PCB line Approved utiliti
Approval	Approved	2017-12-27 17:58	Yongho Park (LGEIL FSE Production / Professional) ok
Approval	Approved	2017-12-27 19:34	ANIL KUMAR (LGEIL Factory Head - Noida / Department) OK.
Approval	Approved	2017-12-27 19:37	HYO JAE LEE (LGEIL FSE Planning / Professional) agree
Approval	Approved	2017-12-27 23:08	Tae Wan Kim (LGEIL Noida Manufacturing / President) Ok. Report me the change point of layout before c
CC			
EDMS Doc Link			
Approval 622 Greentek add ducting work pcb line a bldg.xlsx			
Approval for supply and installation of ducting and AHUs pipe line connection work for PCB Line (GREENTECK).msg			
Attached Local Files			
Approval 622 Greentek add ducting work pcb line a bldg.xlsx			
Approval for supply and installation of ducting and AHUs pipe line connection work for PCB Line (GREENTECK).msg			

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View Item(s)

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Contract

Contract Number : IL-CT171200076

Contract Date : 2017 / 12 / 12
(YYYY/MM/DD)

Contract Name : Air conditioning for PCB Line

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) 4,636,223.00

Attachment

<input type="checkbox"/> File Name	File Size
<input type="checkbox"/>  Re Air Conditioning Work at PCB Line.msg	189 KB
<input type="checkbox"/>  PCB_Air Cond Cost(3).xlsx	16.45 KB

2 files, 205.45 KB