



# AKASH ELECTRO CONSULTANTS PVT. LTD.

Industrial, Software Park, Data Centre, Labs, Building Services Etc.

**Head Office :** # 36/1, "Aniruddha" KSRTC (E) Layout, 5th Cross, J.P. Nagar, 2nd Phase, Bangalore - 560 078.

Tel / Fax : 2659 7689, 2649 1534, Email : akashram@dataone.in, akashram@gmail.com

Ref.: AECPL/GEF(GS)-AC/006/2015

Date: 13 July 2015

To,  
Chief Executive / Chief of Finance,  
**Gokula Education Foundation,**  
(Engineering & General Sciences)  
Vidya Soudha, MSR Nagar, MSR IT Post, Bengaluru – 560 054.

Dear Sir,

**Subject:** Electrical works for the proposed "Academic Complex" for Gokula Educational Foundation (GS), at Mathikere, Bengaluru, – **RA Bill-4.**

**Reference:** Work order no. GEF/GS/WO/02, dtd.1/9/2014, on M/s. Akash Enterprises, Bengaluru.

In respect to above, M/s. Akash Enterprises, (AE) have submitted their RA bill-3 vide their letter no. AE/2014-15/GEF/RA Bill-4/146, dtd.20/6/2015. Our certification details are as under:

1.0 Work order value	– Rs.7,49,91,416.00
2.0 Bill value submitted by AE	– Rs.1,30,30,533.38
3.0 Value certified by AKASH	– Rs.1,29,93,357.00
4.0 Certified by AKASH @ 100% after supply & erection of materials	– Rs.1,29,93,357.00
5.0 Deductions;	– Rs.74,79,912.80
5.1 Advance @ 5.0% on 4.0	– Rs.6,49,667.85
5.2 Retention money @ 2.5% on 4.0	– Rs.3,24,833.92
5.3 Payment received against RA Bill-1,2&3	– Rs.65,05,411.10
6.0 Net payable (4.0 – 5.0)	– Rs.55,13,444.12

The amount of Rs.55,13,444/- (Rupees fifty five lakhs thirteen thousand four hundred forty four only) could be released after deducting the previous payments (if any) to AE.

Please note that we have not deducted any amount towards TDS. You may verify the previous payments made to the contractor before releasing the payment.

Thanking you,


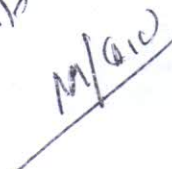
Yours faithfully,  
for **AKASH ELECTRO CONSULTANTS PVT. LTD.,**

  
(**B.S. RAMA PRAKASH**)  
Director

Copy to: M/s. Akash Enterprises, Bengaluru.



Principal  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054



# Akash Enterprises

## Class I Electrical Contractors

Team of Scheduled Installation and Maintenance

Punctuality | Quality | Reliability | Speed | Transparency 4 c U stomer

REF: AE/2014-15/GEF/RA Bill-4/146  
Date:20-06-2015

To,  
Akash Electro Consultants Pvt. Ltd.  
# 36/1, "Aniruddha" KSRTC (E) Layout  
5th Cross JP Nagar Ind Phase  
Bangalore-78

Kind Attn: Mr. Ramaprakash/ Mr. Shivananda Naik

Dear Sir,

Sub: Submission of RA Bill-4 for Supply & Installation, testing and commissioning of electrical works for M S Ramaiah Management college, Polytechnic, Law College, Degree College, PU College & School at MSRIT Campus, MSR Nagar, Bengaluru - 560 054

Ref: We No.GEF/GS/WO/02 dtd 01.09.2014

We are very much thankful to you for providing an opportunity to serve our esteemed client under your technical guidance.

We would like to submit RA Bill-4 for your kind approval.

PO Amount	74,991,416.18
Previous Bill Amount	7,033,751.40
Present Bill Amount	5,996,781.98
Cumulative Amount	13,030,533.38
Less Advance @ 5%	651,526.67
Less Retention @ 2.5%	325,763.33
NT Items Amount	241,851.03
Payment Received for Previous Bills	4,599,028.00
Balance to receive	7,696,066.40

74,991,416.18  
7,033,751.40  
5,996,781.98  
13,030,533.38  
651,526.67  
325,763.33  
241,851.03  
4,599,028.00  
7,696,066.40

5839257.00  
1,29,93,357.00

Kindly do the needful.

Once again we are assuring our best services to you always.

Thanking You,  
Your's faithfully,  
for AKASH ENTERPRISES

Mahesh R Gunagi  
Sr. Manager-Project

Encl: PO Annexure and Abstract, RA Bill-4 Annexure copy.

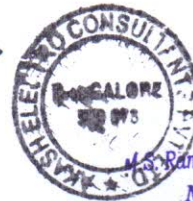
# 430, Anna Complex, Hennagara Gate,  
Bommasandra Indl. Area, Hosur Main Road, Bengaluru - 560 099.  
Tel : 080-27832676, 27834383, 27833755, 27833799. Fax : 080-27831799  
Mob. : 98454 24324, 98801 12659, 98808 31247  
98801 126 - 50 / 51 / 52 / 53 / 55 / 57 / 60  
e-mail : ravi\_akash@yahoo.com, akash\_akashinfo@yahoo.com

# 391/468, "Shreya" Complex,  
Bidadi indl. Area Main Road, Medanahalli Village,  
Bidadi Hobli, Ramanagaram Dist.  
Bengaluru - 562 109. Tel:080-7288526  
Mob. : 9880112650, 51,52, 9945238142, Manju KR  
E-mail : akashbidadi@akashenterprises.com

Refer our certificate of Payment.

CHECKED & VERIFIED BY US:

*as per*



*heer*

Principal

M.S. Ramaiah College of Arts, Science & Commerce

MSRIT Post, MSR Nagar

Bangalore 56 0054



Abstract

EM NO.	DESCRIPTION OF WORK	AMOUNT	Previous Bill	Present Bill	Cumulative Amount
1.0	MEDIUM VOLTAGE SWITCH BOARDS	6,386,588	-	3,111,842.91	3,111,842.91
2.0	RAISING MAINS	6,239,143	-	-	-
3.0	INVERTER FOR EMERGENCY LIGHTING	125,340	-	-	-
4.0	FACTORY BUILT MCB DISTRIBUTION BOARDS	1,592,465	624,981.19	14,747.21	639,728.40
5.0	POWER AND CONTROL CABLES	3,833,272	64,460.67	55061.8 (56,204.62)	119522 (120,665.29)
6.0	SWITCHES & SOCKETS OUTLETS	1,666,620	117,065.08	64,653.57	181,718.64
7.0	SUB-MAINS / CIRCUIT MAINS / POWER WIRING	22,136,894	2,946,286.62	892207 (891,593.70)	3837795 (3,837,880.31)
8.0	TELEVISION SYSTEM	213,297	-	-	-
9.0	POINT WIRING	3,222,013	691,278.53	364,929.21	1,056,207.74
10.0	LIGHT FIXTURE / CEILING / EXHAUST FANS	9,709,078	2,059,229.39	949,019.58	3,008,248.97
11.0	POWER EARTHING SYSTEM	639,871	-	-	-
12.0	LIGHTNING PROTECTION SYSTEM	489,018	-	-	-
13.0	TELEPHONE / INTERCOM / TV SOCKETS	787,797	-	62611. -	102784
14.0	STEEL ITEMS & CABLE TRAYS	1,232,281	40,172.35	63,826.58	103,998.93
15.0	PVC TRUNKING SYSTEM	1,168,199	281,168.81	13482 (133,282.40)	415659 (414,451.21)
16.0	WIRE WAYS / RACE WAYS	1,035,985	164,277.14	174976 (181,680.87)	339292 (345,958.01)
17.0	CONVENTIONAL TYPE FIRE DETECTION & ALARM SYSTEM	1,432,734	-	-	-
18.0	CIVIL WORKS	1,623,520	44,831.64	-	44,831.64
19.0	MISCELLANEOUS ITEMS	361,232	-	-	-
20.0	<b>SUB TOTAL</b>	<b>63,895,349</b>	<b>7,033,751.40</b>	<b>5,831,780.65</b>	<b>12,865,532.06</b>

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CHECKED & VERIFIED BY US.

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 Principal  
 M.S. Ramaiah College of Arts, Science & Commerce  
 MSRIT Post, MSR Nagar  
 Bangalore 56 0054



Abstract					
ITEM NO.	DESCRIPTION OF WORK	AMOUNT	Previous Bill	Present Bill	Cumulative Amount
1.0	INFRASTRUCTURE ELECTRICAL WORKS	11,096,068		135727 <u>165,001.32</u>	135727 <u>165,001.32</u>
2.0	INTERNAL ELECTRICAL WORKS	63,895,349	7,033,751.40	5703530 <u>5,831,780.65</u>	12857630 <u>12,865,532.06</u>
3.0	GRAND TOTAL	74,991,416	7,033,751.40	<u>5,996,781.98</u>	<u>13,030,533.38</u>

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Principal  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054

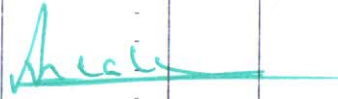
CHECKED & VERIFIED BY US.







ITEM NO.	DESCRIPTION OF WORK	PO				Previous Bill		Present Bill		Cumulative	
		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
9.1.12	Supply	900	Each	679	611,507	269.00	182,772.71	111	75,419.22	380.00	258,191.93
	Erection	900	Each	202	182,023	269.00	54,404.71	111	22,449.53	380.00	76,854.24
	Supply	Rate Only	Each	918	0	17.00	15,597.56	29	17,432.56	36.00	33,030.12
	Erection	Rate Only	Each	281	0	17.00	4,775.30	29	5,337.10	36.00	10,112.40
9.0	<b>TOTAL FOR POINT WIRING</b>				3,222,013		691,278.53		364,928.21		1,056,207.74
10.0	<b>LIGHT FIXTURE / CEILING / EXHAUST FANS:</b>										
10.1.0	Supply of Indoor Lighting Fixture :										
	Supply & store the following light fixtures complete with Electronic ballast, THD less than 10%, HPF Condenser, starters, controlgear, connecting wire WITH LAMPS / TUBES etc. complete as required.										
10.1.1	1x36 Watts Box type with stove enamelled reflector, ceiling mounted fluorescent fixtures with tubes for general purpose. (Bajaj type: BJIR 136/140 or approved equivalent).										
	Supply	Rate Only	Each	973	0						
	Erection	Rate Only	Each	169	0						
10.1.2	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	2,363	0						
	Erection	Rate Only	Each	169	0						
10.1.3	2 x 36 Watts Box type with stove enamelled reflector, ceiling mounted fluorescent fixtures with tubes for general purpose. (Bajaj type: BJIR 236/240 or approved equivalent).										
	Supply	Rate Only	Each	1,174	0						

  
**Principal**  
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**MSRIT Post, MSR Nagar**  
**Bangalore 56 0054**



PO

NO.	DESCRIPTION OF WORK	PO				Previous Bill		Present Bill		Cumulative	
		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	Erection	Rate Only	Each	247	0	-	-	-	-	-	-
	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	4,795	0	261.00	1,251,446.31	130	623,325.75	391.00	1,874,772.06
	Erection	Rate Only	Each	247	0	261.00	64,517.11	130	32,134.96	391.00	96,652.07
	2 x 36 Watts FTL mirror optics, surface/ceiling mounting type fluorescent fixtures with tubes (Bajaj type: BTSM 236 or approved equivalent).										
	Supply		Each	2,387	2,983,985						
	Erection		Each	247	308,990						
	Same as above, equivalent LED fixture (Bajaj type:- 13397 BZRSQL 4'X1' or approved equivalent).										
	Supply	Rate Only	Each	5,698	0				22,792.74	4.00	22,792.74
	Erection	Rate Only	Each	247	0				988.77	4.00	988.77
	2 x 28 Watts FTL mirror optics, recess mounting type fluorescent fixtures with tubes (Bajaj type: BTMRA 228 or approved equivalent).										
	Supply	Rate Only	Each	3,891	0						
	Erection	Rate Only	Each	315	0						
	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	5,670	0						
	Erection	Rate Only	Each	315	0						
	2 x 36 Watts CFL mirror optics, recess mounting type fluorescent fixtures with tubes (Bajaj type: BMLA 01 236 CFL or approved equivalent).										
	Supply	Rate Only	Each	2,641	0						
	Erection	Rate Only	Each	315	0						
	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	5,698	0						

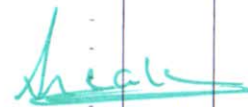
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**Principal**  
**M.S. Ramaiah College of Arts, Science & Commerce**  
**MSRIT Post, MSR Nagar**  
**Bangalore 56 0054**



Manju KR

ITEM NO.	DESCRIPTION OF WORK	PO				Previous Bill		Present Bill		Cumulative	
		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	Erection	Rate Only	Each	315	0	-	-	-	-	-	-
0.1.11	2 x 36 Watts CFL, recess mounting type fluorescent fixtures with paralite P5 louvres (Bajaj type: BMLA 101 236 CFL or approved equivalent).										
	Supply	100	Each	2,450	244,979	-	-	-	-	-	-
	Erection	100	Each	315	31,461	-	-	-	-	-	-
0.1.12	Same as above, equivalent LED fixture (Bajaj type: BZRQL 36W or approved equivalent).										
	Supply	Rate Only	Each	5,698	0	-	-	-	-	-	-
	Erection	Rate Only	Each	315	0	-	-	-	-	-	-
0.1.13	2 x 13 Watts CFL, surface mounting downlighter with aluminium reflector. (Bajaj type: BJDS 210/213 C or approved equivalent).										
	Supply	45	Each	903	40,615	-	-	-	-	-	-
	Erection	45	Each	169	7,584	-	-	-	-	-	-
10.1.14	Same as above, equivalent LED fixture (Bajaj type: 13372 BZSLO 15W WH LED or approved equivalent).										
	Supply	Rate Only	Each	2,919	0	-	-	-	-	-	-
	Erection	Rate Only	Each	169	0	-	-	-	-	-	-
10.1.15	2 x 18 Watts Round surface mounting CFL luminaires with lamp. (Bajaj type: BCSC 218 CFL or approved equivalent).										
	Supply	1,400	Each	2,009	2,812,826	-	-	-	-	-	-
	Erection	1,400	Each	169	235,956	-	-	-	-	-	-
10.1.16	Same as above, equivalent LED fixture (Bajaj type: - 13372 BZSLO 15W or approved equivalent).										
	Supply	Rate Only	Each	2,919	0	-	-	-	-	-	-
	Erection	Rate Only	Each	169	0	-	-	-	-	-	-
10.1.17	1 x 13 Watts Surface mounting Horizontal CFL downlighter with lamp. (Bajaj type: BJDR 113 H or approved equivalent).										

  
**Principal**  
**M.S. Ramaiah College of Arts, Science & Commerce**  
**MSRIT Post, MSR Nagar**  
**Bangalore 56 0054**





ITEM NO.	DESCRIPTION OF WORK	PO				Previous Bill		Present Bill		Cumulative	
		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	Supply	200	Each	903	180,511	-	-	-	-	-	-
	Erection	200	Each	135	26,966	-	-	-	-	-	-
10.1.18	Same as above, equivalent LED fixture (Bajaj type: 13372 BZSLO 15W WH LED or approved equivalent).										
	Supply	Rate Only	Each	2,919	0	-	-	-	-	-	-
	Erection	Rate Only	Each	135	0	-	-	-	-	-	-
10.1.19	2 x 18 Watts Recess mounting Horizontal CFL downlighter with lamp. (Bajaj type: BJDR 218 LH or approved equivalent).										
	Supply	Rate Only	Each	1,529	0	-	-	-	-	-	-
	Erection	Rate Only	Each	247	0	-	-	-	-	-	-
10.1.20	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	2,919	0	-	-	-	-	-	-
	Erection	Rate Only	Each	247	0	-	-	-	-	-	-
10.1.21	Recess mounting Halogen downlighter with lamp. (Bajaj type: BLDR 50 DH or approved equivalent).										
	Supply	Rate Only	Each	1,807	0	-	-	-	-	-	-
	Erection	Rate Only	Each	169	0	-	-	-	-	-	-
10.1.22	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	3,819	0	-	-	-	-	-	-
	Erection	Rate Only	Each	169	0	-	-	-	-	-	-
10.1.23	Recess mounting Non-integral horizontal fixed type MH DE spotlight with lamp. (Bajaj type: BJDR 50/70 MH DE NI or approved equivalent).										
	Supply	Rate Only	Each	5,412	0	-	-	-	-	-	-
	Erection	Rate Only	Each	506	0	-	-	-	-	-	-
10.1.24	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	8,299	0	-	-	-	-	-	-

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Principal  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054

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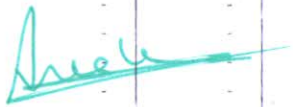
ITEM NO.	DESCRIPTION OF WORK	PO				Previous Bill		Present Bill		Cumulative	
		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
10.1.25	Erection	Rate Only	Each	506	0	-	-	-	-	-	-
	1 x 14 Watts (TLS) Mirror light. (Philips type: Vector 14WTCH207 or approved equivalent).										
0.1.26	Supply	70	Each	580	40,615	-	-	-	-	-	-
	Erection	70	Each	112	7,865	-	-	-	-	-	-
0.1.27	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	1,946	0	-	-	-	-	-	-
0.1.27	Erection	Rate Only	Each	112	0	-	-	-	-	-	-
	100W GLS Bulkhead Luminaries with Lamp. (Bajaj type: BJDB 100 BC or approved equivalent).										
1.1.28	Supply	Rate Only	Each	417	0	-	-	-	-	-	-
	Erection	Rate Only	Each	112	0	-	-	-	-	-	-
1.1.29	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	2,363	0	-	-	-	-	-	-
1.1.29	Erection	Rate Only	Each	112	0	-	-	-	-	-	-
	1X 9W CFL Bulkhead Luminaries with Lamp. (Bajaj type: BJBE 19 or approved equivalent).										
1.30	Supply	Rate Only	Each	1,009	0	-	-	-	-	-	-
	Erection	Rate Only	Each	112	0	-	-	-	-	-	-
1.31	Same as above, equivalent LED fixture										
	Supply	Rate Only	Each	2,363	0	-	-	-	-	-	-
1.31	Erection	Rate Only	Each	112	0	-	-	-	-	-	-
	1 x36W Patti type fixture with tubes for general lighting. (Bajaj type: BCIR 136 WEB or approved equivalent).										
.32	Supply	575	Each	517	297,325	-	-	-	-	-	-
	Erection	575	Each	112	64,607	-	-	-	-	-	-
.32	Same as above, equivalent LED fixture										

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Principal  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054



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ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	Previous Bill		Present Bill		Cumulative	
						QTY.	AMOUNT	QTY.	AMOUNT	QTY.	AMOUNT
	(Bajaj type: 12956 BCLSB 18W or approved equivalent).										
	Supply	Rate Only	Each	2,363	0	20.00	47,253.23	109	257,530.13	129.00	304,783.36
	Erection	Rate Only	Each	112	0	20.00	2,247.20	109	12,247.24	129.00	14,494.44
10.2.0	Supply of Ceiling Fans :										
	Supply, store & erection of ceiling fan with double ball bearings, accessories, connecting wire and other standard accessories. Assemble, installation, testing and commissioning of Ceiling fans including connection with flexible copper wires, earth wire, etc. as required complete aluminium body.										
10.2.1	1200 mm Sweep, 4 blade ceiling fan.										
	Supply	900	Each	1,991	1,792,143	263.00	523,703.88			263.00	523,703.88
	Erection	900	Each	202	182,023	263.00	53,191.22			263.00	53,191.22
10.2.2	300 Watts electronic regulator.										
	Supply	900	Each	291	261,579	263.00	76,439.27			263.00	76,439.27
	Erection	900	Each	34	30,337	263.00	8,865.20			263.00	8,865.20
10.3.0	Exhaust fans :										
	Supply and storing of exhaust fans with sheet metal blades, necessary brackets, anti-corrosive epoxy painting, rubber cushions, etc. The 5A 3-pin socket near fan locaion & remote located single-pole controlling switch, are included in the exhaust fan point. 300 mm impeller dia, 1400 rpm exhaust fan (1-phase)										
	blades, necessary brackets, anti-corrosive epoxy painting rubber cushions, etc. The 5 A 3-pin socket near fan locaion & remote located single-pole controlling switch, are included in the exhaust fan point.										
10.3.1	300 mm impeller dia, 1400 rpm exhaust fan (1- phase)										
	Supply	Rate Only	Each	3,891	0	7.00	27,240.10			7.00	27,240.10
	Erection	Rate Only	Each	618	0	7.00	4,325.86			7.00	4,325.86

  
**Principal**  
**M.S. Ramaiah College of Arts, Science & Commerce**  
**MSRIT Post, MSR Nagar**  
**Bangalore 56 0054**







# AKASH ELECTRO CONSULTANTS PVT. LTD.

Industrial, Software Park, Data Centre, Labs, Building Services Etc.

Head Office : # 36/1, "Aniruddha" KSRTC (E) Layout, 5th Cross, J.P. Nagar, 2nd Phase, Bangalore - 560 078.  
Tel / Fax : 2659 7689, 2649 1534, Email : akashram@dataone.in, akashram@gmail.com

Ref.: AECPL/GEF(GS)-AC/003/2015  
Date: 4 May 2015

To,  
Chief Executive / Chief of Finance,  
**Gokula Education Foundation,**  
(Engineering & General Sciences)  
Vidya Soudha, MSR Nagar, MSR IT Post, Bengaluru – 560 054.

Dear Sir,

**Subject:** Electrical works for the proposed "Academic Complex" for Gokula Educational Foundation (GS), at Mathikere, Bengaluru, – **RA Bill-1.**

**Reference:** Work order no. GEF/GS/W.O/02, dtd.1/9/2014, on M/s. Akash Enterprises, Bengaluru.

In respect to above, M/s. Akash Enterprises, (AE) have submitted their RA bill-1 vide their letter no. AE/2014-15/RA Bill-1/591, dtd.31/3/2015. Our certification details are as under:

1.0	Work order value		– ₹7,49,91,416.00
2.0	Bill value submitted by AE		– ₹29,31,938.69
3.0	Value certified by AKASH		– ₹29,15,252.00
4.0	Certified by AKASH @ 100% after supply & erection of materials		– ₹29,15,252.00
5.0	Deductions;		– ₹2,18,643.90
5.1	Advance @ 5.0% on 4.0	– ₹1,45,762.60	
5.2	Retention money @ 2.5% on 4.0	– ₹72,881.30	
6.0	Net payable (4.0 – 5.0)		– ₹26,96,608.10

The amount of ₹26,96,608/- (Rupees twenty six lakhs ninety six thousand six hundred and eight only) could be released after deducting the previous payments (if any) to AE.

Please note that we have not deducted any amount towards TDS. You may verify the previous payments made to the contractor before releasing the payment.

Thanking you,

Yours faithfully,  
for **AKASH ELECTRO CONSULTANTS PVT. LTD.,**

  
(**B.S. RĀMA PRAKASH**)  
Director

  
Principal  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSP Nagar  
Bangalore 560 054

Copy to: M/s. Akash Enterprises, Bengaluru.

Rs  
26,96,608/- ✓  
27700 - 58982/-  
26,42,676/-

Sir  
Final RA Bill Submitted by  
Electrical Contractor duly  
certified by Electrical Consultants  
For kind information  
Saw.  
M/s. Akash Enterprises  
5.5.15  
Chk of Fin



# Akash Enterprises

## Class I Electrical Contractors

Team of Scheduled Installation and Maintenance

Punctuality | Quality | Reliability | Speed | Transparency | Customer

REF: AE/2014-15/GEF/RA Bill-1/591  
Date: 31-03-2015

To,  
Akash Electro Consultants Pvt. Ltd.  
# 36/1. "Aniruddha" KSRTC (E) Layout  
5th Cross JP Nagar Ind Phase  
Bangalore-78

Kind Attn: Mr. Ramaprakash/ Mr. Shivananda Naik

Dear Sir,

**Sub:** Submission of RA Bill-1 for Supply & Installation, testing and commissioning of electrical works for M S Ramaiah Management college, Polytechnic, Law College, Degree College, PU College & School at MSRIT Campus, MSR Nagar, Bengaluru - 560 054

Ref: Wo No.GEF/GS/WO/02 dtd 01.09.2014

We are very much thankful to you for providing an opportunity to serve our esteemed client under your technical guidance.

We would like to submit RA Bill-1 for your kind approval.

**PO Amount**  
RA Bill-1 Amount  
Less Advance @ 5%  
Less Retention @ 2.5%  
**Balance to receive**

74,991,416.18  
2,931,938.69 2915252  
146,596.93 145762.6  
73,298.47 72881.3  
2,712,043.29 2696609.

Kindly do the needful.

Once again we are assuring our best services to you always.

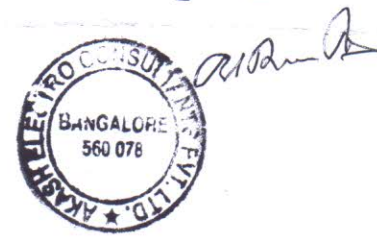
Thanking You,

CHECKED & VERIFIED  
By us.

Your's faithfully,  
for AKASH ENTERPRISES

**Mahesh R Gunagi**  
Sr. Manager-Project

**Principal**  
M.S. Ramaiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054



Encl: PO Annexure and Abstract, RA Bill-1 Annexure copy.

**H.O.** # 430, Anna Complex, Hennagara Gate,  
Bommasandra Indl. Area, Hosur Main Road, Bengaluru - 560 099.  
Tel : 080-27832676, 27834383, 27833755, 27833799. Fax : 080-27831799  
Mob. : 98454 24324, 98801 12659, 98808 31247  
98801 126 - 50 / 51 / 52 / 53 / 55 / 57 / 60  
e-mail : ravi\_akash@yahoo.com, akash\_akashinfo@yahoo.com

**Branch I** # 391/468, "Shreya" Complex,  
Bidadi Indl. Area Main Road, Medanahalli Village,  
Bidadi Hobli, Ramanagaram Dist.  
Bengaluru - 562 109. Tel:080-7288526  
Mob. : 9880112650, 51,52, 9945238142, -Manju KR  
E-mail : akashbidadi@akashenterprises.com



**Abstract**

ITEM NO.	DESCRIPTION OF WORK	AMOUNT	RA BILL-1
1.0	INFRASTRUCTURE ELECTRICAL WORKS	11,096,068	
2.0	INTERNAL ELECTRICAL WORKS	63,895,349	2915252 <u>2,931,939</u>
3.0	GRAND TOTAL	74,991,416	<u>2,931,939</u> 2915252

CHECKED & VERIFIED By us.

*AKASH*

Principal  
M.S. Ramiah College of Arts, Science & Commerce  
MSRIT Post, MSR Nagar  
Bangalore 56 0054

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**Abstract**

ITEM NO.	DESCRIPTION OF WORK	AMOUNT	RA Bill-1 Amount
1.0	MEDIUM VOLTAGE SWITCH BOARDS	6,386,588	-
2.0	RAISING MAINS	6,239,143	-
3.0	INVERTER FOR EMERGENCY LIGHTING	125,340	-
4.0	FACTORY BUILT MCB DISTRIBUTION BOARDS	1,592,465 ✓	203,657.22 ✓
5.0	POWER AND CONTROL CABLES	3,833,272	-
6.0	SWITCHES & SOCKETS OUTLETS	1,666,620 ✓	59,060.36 ✓
7.0	SUB-MAINS / CIRCUIT MAINS / POWER WIRING	22,136,894 ✓	1622698 (1,638,834.08)
8.0	TELEVISION SYSTEM	213,297	-
9.0	POINT WIRING	3,222,013 ✓	390,307.70 ✓
10.0	LIGHT FIXTURE / CEILING / EXHAUST FANS	9,709,078 ✓	503,573.82 ✓
11.0	POWER EARTHING SYSTEM	639,871	-
12.0	LIGHTNING PROTECTION SYSTEM	489,018	-
13.0	TELEPHONE / INTERCOM / TV SOCKETS	787,797	-
14.0	STEEL ITEMS & CABLE TRAYS	1,232,281 ✓	24,452.74 ✓
15.0	PVC TRUNKING SYSTEM	1,168,199 ✓	51,618.59 ✓
16.0	WIRE WAYS / RACE WAYS	1,035,985 ✓	59884 (60,434.18)
17.0	CONVENTIONAL TYPE FIRE DETECTION & ALARM SYSTEM	1,432,734	-
18.0	CIVIL WORKS	1,623,520	-
19.0	MISCELLANEOUS ITEMS	361,232	-
20.0	<b>SUB TOTAL</b>	<b>63,895,349</b>	<b>(2,931,938.69)</b>

2915252

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Principal  
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MSRIT Post, MSR Nagar  
Bangalore 56 0054

CHECKED & VERIFIED BY US.



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ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	RA bill-1	
						QTY	AMOUNT
	Supply	Rate Only	Each	918	0		
	Erection	Rate Only	Each	281	0		
9.0	TOTAL FOR POINT WIRING				3,222,013		390,307.70
10.0	LIGHT FIXTURE / CEILING / EXHAUST FANS:						
1.0	Supply of Indoor Lighting Fixture :						
	Supply & store the following light fixtures complete with Electronic ballast, THD less than 10%, HPF Condenser, starters, controlgear, connecting wire WITH LAMPS / TUBES etc. complete as required.						
1.1	1x36 Watts Box type with stove enamelled reflector, ceiling mounted fluorescent fixtures with tubes for general purpose. (Bajaj type: BJIR 136/140 or approved equivalent).						
	Supply	Rate Only	Each	973	0		
	Erection	Rate Only	Each	169	0		
1.2	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	2,363	0		
	Erection	Rate Only	Each	169	0		
1.3	2 x 36 Watts Box type with stove enamelled reflector, ceiling mounted fluorescent fixtures with tubes for general purpose. (Bajaj type: BJIR 236/240 or approved equivalent).						
	Supply	Rate Only	Each	1,174	0		
	Erection	Rate Only	Each	247	0		
1.4	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	4,795	0		

*Anish*  
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ITEM NO.	DESCRIPTION OF WORK	RA bill-1				RA bill-1	
		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
	Erection	Rate Only	Each	247	0		
1.5	2 x 36 Watts FTL mirror optics, surface/ceiling mounting type fluorescent fixtures with tubes (Bajaj type: BTSM 236 or approved equivalent).						
	Supply	1,250	Each	2,387	2,983,985		
	Erection	1,250	Each	247	308,990		
1.6	Same as above, equivalent LED fixture (Bajaj type:- 13397 BZRSQL 4'X1' or approved equivalent).						
	Supply	Rate Only	Each	5,698	0		
	Erection	Rate Only	Each	247	0		
1.7	2 x 28 Watts FTL mirror optics, recess mounting type fluorescent fixtures with tubes (Bajaj type: BTMRA 228 or approved equivalent).						
	Supply	Rate Only	Each	3,891	0		
	Erection	Rate Only	Each	315	0		
1.8	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	5,670	0		
	Erection	Rate Only	Each	315	0		
1.9	2 x 36 Watts CFL mirror optics, recess mounting type fluorescent fixtures with tubes (Bajaj type: BMLA 01 236 CFL or approved equivalent).						
	Supply	Rate Only	Each	2,641	0		
	Erection	Rate Only	Each	315	0		
1.10	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	5,698	0		
	Erection	Rate Only	Each	315	0		

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PO

RA bill-1

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
10.1.11	2 x 36 Watts CFL, recess mounting type fluorescent fixtures with paralite P5 louvres (Bajaj type: BMLA 101 236 CFL or approved equivalent). Supply	100	Each	2,450	244,979		
	Erection	100	Each	315	31,461		
10.1.12	Same as above, equivalent LED fixture (Bajaj type: BZRQL 36W or approved equivalent). Supply	Rate Only	Each	5,698	0		
	Erection	Rate Only	Each	315	0		
10.1.13	2 x 13 Watts CFL, surface mounting downlighter with aluminium reflector. (Bajaj type: BJDS 210/213 C or approved equivalent). Supply	45	Each	903	40,615		
	Erection	45	Each	169	7,584		
10.1.14	Same as above, equivalent LED fixture (Bajaj type: 13372 BZSLO 15W WH LED or approved equivalent). Supply	Rate Only	Each	2,919	0		
	Erection	Rate Only	Each	169	0		
10.1.15	2 x 18 Watts Round surface mounting CFL luminaires with lamp. (Bajaj type: BCSC 218 CFL or approved equivalent). Supply	1,400	Each	2,009	2,812,826		
	Erection	1,400	Each	169	235,956		
10.1.16	Same as above, equivalent LED fixture (Bajaj type: - 13372 BZSLO 15W or approved equivalent). Supply	Rate Only	Each	2,919	0		
	Erection	Rate Only	Each	169	0		

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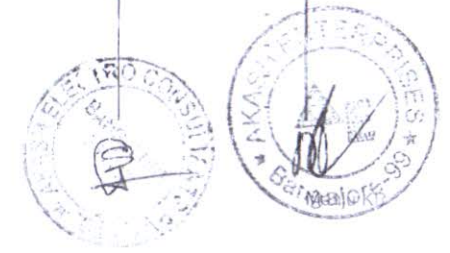


PO

RA bill-1

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
10.1.17	1 x 13 Watts Surface mounting Horizontal CFL downlighter with lamp. (Bajaj type: BJDR 113 H or approved equivalent).						
	Supply	200	Each	903	180,511		
	Erection	200	Each	135	26,966		
10.1.18	Same as above, equivalent LED fixture (Bajaj type: 13372 BZSLO 15W WH LED or approved equivalent).						
	Supply	Rate Only	Each	2,919	0		
	Erection	Rate Only	Each	135	0		
10.1.19	2 x 18 Watts Recess mounting Horizontal CFL downlighter with lamp. (Bajaj type: BJDR 218 LH or approved equivalent).						
	Supply	Rate Only	Each	1,529	0		
	Erection	Rate Only	Each	247	0		
10.1.20	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	2,919	0		
	Erection	Rate Only	Each	247	0		
10.1.21	Recess mounting Halogen downlighter with lamp. (Bajaj type: BLDR 50 DH or approved equivalent).						
	Supply	Rate Only	Each	1,807	0		
	Erection	Rate Only	Each	169	0		
10.1.22	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	3,819	0		
	Erection	Rate Only	Each	169	0		
10.1.23	Recess mounting Non-integral horizontal fixed type MH DE spotlight with lamp. (Bajaj type: BJDR 50/70 MH DE NI or approved equivalent).						

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PO

RA bill-1

ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
	Supply	Rate Only	Each	5,412	0		
	Erection	Rate Only	Each	506	0		
10.1.24	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	8,299	0		
	Erection	Rate Only	Each	506	0		
10.1.25	1 x 14 Watts (TLS) Mirror light. (Philips type: Vector 14WTCH207 or approved equivalent).						
	Supply	70	Each	580	40,615		
	Erection	70	Each	112	7,865		
10.1.26	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	1,946	0		
	Erection	Rate Only	Each	112	0		
10.1.27	100W GLS Bulkhead Luminaries with Lamp. (Bajaj type: BJDB 100 BC or approved equivalent).						
	Supply	Rate Only	Each	417	0		
	Erection	Rate Only	Each	112	0		
10.1.28	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	2,363	0		
	Erection	Rate Only	Each	112	0		
10.1.29	1X 9W CFL Bulkhead Luminaries with Lamp. (Bajaj type: BJBE 19 or approved equivalent).						
	Supply	Rate Only	Each	1,009	0		
	Erection	Rate Only	Each	112	0		
10.1.30	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	2,363	0		

*Heck*  
Principal

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ITEM NO.	DESCRIPTION OF WORK	PO				RA bill-1	
		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
	Erection	Rate Only	Each	112	0		
10.1.31	1 x36W Patti type fixture with tubes for general lighting. (Bajaj type: BCIR 136 WEB or approved equivalent).						
	Supply	575	Each	517	297,325		
	Erection	575	Each	112	64,607		
10.1.32	Same as above, equivalent LED fixture (Bajaj type: 12956 BCLSB 18W or approved equivalent).						
	Supply	Rate Only	Each	2,363	0		
	Erection	Rate Only	Each	112	0		
10.2.0	Supply of Ceiling Fans :						
	Supply,store & erection of ceiling fan with double ball bearings, accessories, connecting wire and other standard accessories. Assemble, installation, testing and commissioning of Ceiling fans including connection with flexible copper wires, earth wire, etc. as required complete aluminium body.						
10.2.1	1200 mm Sweep, 4 blade ceiling fan.						
	Supply	900	Each	1,991	1,792,143	200	398,253.90
	Erection	900	Each	202	182,023	200	40,449.60
10.2.2	300 Watts electronic regulator.						
	Supply	900	Each	291	261,579	200	58,128.72
	Erection	900	Each	34	30,337	200	6,741.60
10.3.0	Exhaust fans :						
	Supply and storing of exhaust fans with sheet metal blades, necessary brackets, anti-corrosive epoxy painting, rubber cushions, etc. The 5A 3-pin socket						

*Anand*  
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