

B S RAMAPRASAD

Chief Executive Gokula Education Foundation M S Ramaiah Nagar, MSRIT Post, Bangalore 560 054 www.ramaiah-india.org T 080 2360 6695 E ce@msrit.edu

Date: 10.03.2020

I hereby certify that the following facilities are installed in the Ramaiah Institute of Technology are as common facility for all the Engineering and General Sciences Institutions of Gokula Education Foundation (GEF) including Ramaiah College of Arts Science & Commerce. The invoices are issued in the name of Ramaiah Institute of Technology:

SI No	Facility Name	Details of the Installation	Date Installed
1	Roof Top Solar Panels	RIT Campus	May/June 2017
2	Wheeling to Grid	RIT Campus	Sept 2017
3	Biogas Plant	Boys Hostel	December 2019

(B.S.Ramaprasad)

Chief Executive

CHIEF EXECUTIVE
GOKULA EDUCATION FOUNDATION
(ENGINEERING & GENERAL SCIENCES)
BANGALORF - 560 054

To Principal RCASC



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:

- Rs.7,49,91,416.00 1.0 Work order value

-Rs.1,30,30,533.38 2.0 Bill value submitted by AE

- Rs.1,29,93,357.00 Value certified by AKASH

Certified by AKASH @ 100% after supply & erection of materials -Rs.1,29,93,357.00 4.0

- Rs.74,79,912.80 5.0 Deductions:

Advance @ 5.0% on 4.0 -Rs.6,49,667.85 5.1

Retention money @ 2.5% on 4.0 -Rs.3,24,833.92 5.2

Payment received against RA Bill-1,2&3 – Rs.65,05,411.10

-Rs.55,13,444.12 6.0 Net payable (4.0 - 5.0)

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 DVT. LTD.,

(B.S. RĀMA PRAKASH)

Director

Copy to;

P.....- --- OfC ... # 11 1.15

M/s. Akash Enterprises, Bengaluru.

Principal

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

MSRIT Post, MSR Nagar

Bangalore 56 0054

My man





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

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 MS 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-4 for your kind approval.

PO Amount Previous Bill Amount Present Bill Amount **Cumulative Amount** Less Advance @ 5% Less Retention @ 2.5% NT Items Amount Payment Received for Previous Bills Balance to receive

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

5839257.00 129,93,357.00

Kindly do the needful.

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

Thanking Your's lettruly for AKASH ENTERPRISES

Mahesh R Gunagi

Sr.Manager-Project

paper our-certificate of Payement.

CHECKED AVERIFIED BY US;

Principal amaiah College of Arts, Science & Commerce

MSRIT Post, MSR Nagar # 391/468, "Shreya" Complex,

Engl: 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

mall: ravi_akash@yahoo.com, akash_akashinfo@yahoo.com

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

------ alread and a various com

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	-	1907	
3.0	INVERTER FOR EMEREGENCY 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		55061.8 56,204.62	119522 (20,665.29
6.0	SWITCHES & SOCKETS OUTLETS	1,666,620	117,065.08		
7.0	SUB-MAINS / CIRCUIT MAINS / POWER WIRING	22,136,894	2,946,286.62	892207891,593.70	(3,837,880.3)
8.0	TELEVISION SYSTEM	213,297		-	3837795
9.0-	POINT WIRING	3,222,013	691,278.53		THE RESERVE OF THE PROPERTY OF
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	-	-	1000011
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 845,958.01
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	7	-	
20.0	SUB TOTAL	63,895,349	7,033,751.40	(5,831,780.65	12,865,532.06

5703530

12857630

Principal

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

MSRIT Post, MSR Nagar Bangalore 56 0054 CHECKED AVERIEIED BY US.







		Abstract			
ITEM NO.	DESCRIPTION OF WORK	AMOUNT	Previous Bill	Present Bill	Cumulative Amount
1.0	INFRASTRUCTURE ELECTRICAL WORKS	11,096,068		135727	135727
		And the second processor	-	(165,001.32	165,001.32
2.0	INTERNAL ELECTRICAL WORKS	63,895,349	si e	5703530	12857630
	4 ,		7,033,751.40	(5,831,780.65	12,865,532.06
3.0	GRAND TOTAL	74,991,416	7,033,751.40	(5,996,781.98)	13,030,533.38

58392/7

12993357

Principal

M.S. Ramaiah College of Arts, Science & Commerce MSRIT Post, MSR Nagar

Bangalore 56 0054

CHECKED AVERIEIED BY US.





-	2
1	1
1	100



	PO					Pre	evious Bill	1	Present Bill	0	umulative
ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	Supply	900	Each	679	611,507	269.00	182,772.71	111	75,419.22	380.08	258,191.53
	Erection	900	Each	202	182,023	269.00	54,404.71	111	22,449.53	380.00	76.854.24
0.1.12	Exhaust fan point with wall-mounted 6 Amps 3-pin socket					.~	~	1	1		4
	near fan location and 6 Amps single pole controlling					-				1000	
	switch located independently. The rate shall also include					-	-			2 to 1	141
	supply of 6 Amps 3 pin plug top.		61			-	-		-	38	
	Supply	Rate Only	E STATE OF THE STA	918	0	-	1	1	-		-
	зарріу	hate Only	Each	310	0	17.00	15,597.56	AS	17,432.56	36.00	33,030.12
	Erection	Rate Only	Each	281	0	17.00	4,775.30	1	522746	/	
			200.7	0.0000		17.00	4,773.30	1	5,337.10	36.00	10,112,40
9.0	TOTAL FOR POINT WIRING				3,222,013		691[278.53		364,925.21		1,056,207.74
10.0	LIGHT FIXTURE / CEILING / EXHAUST FANS:						-				
						-	n/1 4 .1			4	. Ia
0.1.0	Supply of Indoor Lighting Fixture :					-	(5)		-		9
	The state of the s					-	120			-	-
	Supply & store the following light fixtures complete with								= =	- 1	, -
	Electronic ballast, THD less than 10%, HPF Condenser,			3		18			*	- 1	211
	starters, controlgear, connecting wire WITH LAMPS /					-			-	-	-
	TUBES etc. complete as required.					-	-		5		*
							-		-	5	= #1
0.1.1	1x36 Watts Box type with stove enamelled reflector,									-	*
	ceiling mounted fluorescent fixtures with tubes for								-	-	-
	general purpose.					-	Α		100	-	
	(Bajaj type: BJIR 136/140 or approved equivalent).			3	1	-				- 1	
	Supply	Rate Only	Each	973	0	-	Mich			-	
	29						V V -			_	
	Erection	Rate Only	Each	169	0	-	Pro	ıcıpal		2	
0 1.2	Same as above, equivalent LED fixture					M.S.	Ramaiah College o	Cipar Od			(2)
0.1.2	5					- 1	MCDIT D	Aris, Scie	ice & Commerce		543
	Supply	Rate Only	Each	2,363	0	-	MSRIT Post	, MSR	Nagar .	-	
	Erection	Rate Only	Each	169	0	=	Bangalor	P 56 00	154	-	270
	3	nate only	cach	103		-	5		189	100	-
0.1.3	2 x 36 Watts Box type with stove enamelled reflector,						-		7	8.	188 <u>1</u>
	ceiling mounted fluorescent fixtures with tubes for								-	(AZ)	(4)
	general purpose.								-		4.50
	(Bajaj type: BJIR 236/240 or approved equivalent).					_	7		740	EI	TER
	• Supply	Rate Only	Each	1,174	0					18	100
	S 2 "11"	and the second	- 411	TO DESCRIPTION					-	12/	1 18
	· ·	,			-1	* 1			- 1	1×1 A	

G

		PO					Previ	ious Bill	P	resent Bill	Cur	nulative
-	DESCRIPTION OF WORK		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Erection		Rate Only	Each	247	0	2	-		(2)	2	120
							- 1			140		
Same as above, equ	ivalent LED fixture									1 -		2=
	Supply		Rate Only	Each	4,795	0	261.00	1,251,446.31	130	623,325.75	391.00	1,874,772
					_			1	/	1		
	Erection		Rate Only	Each	247	0	261.00	64,517.11	130	32,134.96	391.00	96,652
	x						-	·V		1		
2 x 36 Watts FTL mi	rror optics, surface/ceiling mounting		1							759		
type fluorescent fixtu	ures with tubes						-			92	2	
(Bajaj type: BTSM 2	36 or approved equivalent).						-			-	2	
	Supply		1,250	Each	2,387	2,983,985				-:		
										_	- 1	
	Erection		1,250	Each	247	308,990	-	2		-	2	
				1000000			-			_		
Same as above, equ	iivalent LED fixture						_			_		
(Bajaj type:- 13397 E	BZRSQL 4'X1' or approved equivalent).						2					,
10 to 12 to 1	Supply		Rate Only	Each	5,698	0		2	A	22,792.74	4.00	22,792
	200.0			10.5.5.5			_	_			4.00	1
	Erection		Rate Only	Each	247	0			A	988.77	100	988
*			and a character	Lucii	7032			2		300.77	4.00	300
2 x 28 Watts FTL mi	rror optics, recess mounting							2				Ì
type fluorescent fixtu			1		181	2		_		-	-	
TENT CONTRACTOR STANDARDS	228 or approved equivalent).							-		-		
A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Supply		Rate Only	Each	3,891	0				51	-	
	Supply		riate only	Lacii	3,031		- 1	-		-	5	
	Erection		Rate Only	Each	315	0	-			-	-	
	Election		Nate Only	Each	313			=		**	-	
Same as above, equ	ivalent I ED fixture							3				
Carrio as abovo, equ			Rate Only	(HODGE)	5,670	0	-	-		-	8	
	Supply		Rate Only	Each	3,070	0	-	-		27	:	
	Formula		Data Oak		315	0	7	-				(+
_ E	Erection		Rate Only	Each	315	0		÷ /	124.		- (8)	
2 v 26 Matta CEL mi	rror optics, recess mounting						-	D	468	-		
Princetores Publisher Country Country	MINGLES NO DECOME PROPERTY OF SELECTION OF S						-	9	Prince	pal	-	
type fluorescent fixtu							, -		allogo of As	ts, Science & Comme	rce -	
(Bajaj type: BMLA 0	1 236 CFL or approved equivalent).							M.S. Ramaiah C	ouege of A	MCD Nagar		
	Supply		Rate Only	Each	2,641	0	~	MCDI	T Post	MSR Nugur	:5	
			I married a		Nov. School	No.	- 1	Bar	ngalore	56 0054	-	
	Erection		Rate Only	Each	315	0		-		* *	100	
							5 5	(8)		-	100	
Same as above, equ	ivalent LED fixture						=	~			-	
<	Supply		Rate Only	Each	5,698	0	-	_		1	NTERN	
										12	0	



	PO					Prev	vious Bill	Р	resent Bill	Cun	nulative
M NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	Erection	Rate Only	Each	315	0	-	2 1		1.5		
						-			-		
ii	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				· ·	9	
						.=0				- L	
	Erection	100	Each	315	31,461				-	-	
	Communication and a latter of the communication of						13		1.89	-	
2	Same as above, equivalent LED fixture					-	2		7%	8	
	(Bajaj type: BZRQL 36W or approved equivalent).						-		3.41	9	
	Supply	Rate Only	Each	5,698	0	7.	=		-	-	
	formation (0		235	0	-	*		17		
-	Erection	Rate Only	Each	315	U	-:	-		(*	*	
	2 x 13 Watts CFL, surface mounting downlighter with					-:	,		· ·	-	
	aluminium reflector.					-	*			-	
	(Bajaj type: BJDS 210/213 C or approved equivalent).						v		· **	-	
	Supply	45	Fach	903	40,615		2		*	-	
	3055.4	45	Each	303	40,010	-	-		74	-	
	Erection	45	Each	169	7,584		<u>^</u>		100	-	
	ET COOK!	40	Each	103		-	*		650	-	
	Same as above, equivalent LED fixture						-				
	(Bajaj type: 13372 BZSLO 15W WH LED or approved equivalent).								-		
	Supply	Rate Only	Each	2,919	0					*	
			C2075760		_		-			2	
	Erection	Rate Only	Each	169	0	-	_				
	×					2	_			_	
	2 x 18 Watts Round surface mounting CFL luminaires with lamp.					_	2			_	
	(Bajaj type: BCSC 218 CFL or approved equivalent).					-	1 -		-		
	Supply	1,400	Each	2,009	2,812,826	- 1	/ .		-	-	
						9	V/n ed	ile			
	Erection	1,400	Each	169	235,956	-	N	1	7.3	-	
						(-	Prin	cipal	& Commerce		
	Same as above, equivalent LED fixture					M.S. I	Ramaiah College of	Arts, Scient	de de Continuerce	2	
	(Bajaj type: - 13372 BZSLO 15W or approved equivalent).					-	MSPIT Post	MSRI	vagar		
	Supply	Rate Only	Each	2,919	0	*	Bangalor	56 00	54	-	
	*			tyszet		-	-		*	=	
	Erection	Rate Only	Each	169	0	-	:		-	2.	
	1 v 13 Watte Surface requeiting Hadingstel CCI devallation with Land		- [i +.		-	-	
	1 x 13 Watts Surface mounting Horizontal CFL downlighter with lamp.					-			-:		ENTER
	(Bajaj type: BJDR 113 H or approved ecuivalent).					-	12			- /	X.

TEN NO.	· RO					Previ	ous Bill	Pre	esent Sill	Cu	mulative
- CHE MO.		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AWOUNT	QTY	AMOUNT
	Supply	200	Each	903	180,511	-	=		-	16	
	Erection	200	Each	135	26,966	-	-		-	- *	
18	Same as above, equivalent LED fixture						*	2			
	(Bajaj type: 13372 BZSLO 15W WH LED or approved equivalent).					-			-	14	
	Supply	Rate Only	Each	2,919	0	-	-			-	
	Erection	Rate Only	Each	135	0	2	17/ 100			-	
9	2 x 18 Watts Recess mounting Horizontal CFL downlighter with lamp.					0-6			-	-	
	(Bajaj type: BJDR 218 LH or approved equivalent).					151	767		2	-	
	Supply	Rate Only	Each	1,529	0	(2)	(20)		- 1	-	
			Lacii	1,525			*		~	-	
	Erection	Rate Only	Each	247	0				2	*	
)	Same as above, equivalent LED fixture					141	-		-		
	Supply	Rate Only	Each	2,919	0	~	-		1.00	-	
	Santa A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	,	Lacii	2,515		-			-	-	
	Erection	Rate Only	Each	247	0	-			-	-	
	Recess mounting Halogen downlighter with lamp.					-	4		151	-	
	(Bajaj type: BLDR 50 DH or approved equivalent).						-		120	A 10	
	Supply	Rate Only	Each	1,807	0	-	2		-	-	
	Erection	Rate Only	Each	169	0	- 1				889	
2	Same as above, equivalent LED fixture					2	250		-	120	
	Supply	Rate Only	Each	3,819	0	-	-	1		-	
			Edeli	7,0-0			-	/ - 1	ž.	**	
	Erection	Rate Only	Each	169	0	-		Migs		2.	
	Recess mounting Non-integral horizontal fixed type					341			-	-	
	MH DE spotlight with lamp.		2			-			ncipal	-	
	(Bajaj type: BJDR 50/70 MH DE NI or approved equivalent).					-		Pro	f Arto Science &	Commerce	
	Supply	Rate Only	Each	5,412	0	-	M.S. Rama	man College o	f Arts, Science & t, MSR Nag	ar -	
	Erection	Rate Only		506	0	1.52	- M	Bangalo	re 56 0054		
	ar contri	nate Only	Each	300	U		-	Dungan	O#!	-	
	Same as above, equivalent LED fixture					-	-		*	<	
	Supply	Rate Only	Each	8,299	0	-	-		1	2	

MINA





-	PO					Pre	vious Bill	P	resent Bill	Cu	mulative
ITEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
	Erection	Rate Only	Each	506	0	-					
10.1.25	1 x 14 Watts (TLS) Mirror light.					4.36	-			-	
1011.20	(Philips type: Vector 14WTCH207 or approved equivalent).					:::	-		¥	- 1	
	Supply	70	Each	580	40,615				*	- 1	8 1
			Lucit								*
	Erection	70	Each	112	7,865	100					
0.1.26	Same as above, equivalent LED fixture								100	2	
	Supply	Rate Only	Fools	1,946	0	**	5		98		
		Nate Only	Each	1,540			-				-
	Erection	Rate Only	Each	112	0		-		-		=
2 1 27	100M/CLC Pullstand Line in the					-	-			-	£ .
0.1.27	100W GLS Bulkhead Luminaries with Lamp. (Bajaj type: BJDB 100 BC or approved equivalent).					-			171	n.	
	Supply	Rate Only	Fach	417	0	-	*			8	-
	STREET,	Trate only	Each	417	O.						-
	Erection	Rate Only	Each	112	0	-			-		-
1.1.28	Same as above, equivalent LED fixture										1041
1.1.20	Supply	Data Oalu		2.262		8	021			-	
	Зирріў	Rate Only	Each	2,363	0	-	94			ie:	543
0	Erection	Rate Only	Each	112	0		(=1			:5:	(*)
1 29	AV OW OFF BUILDING								-	-	*
1.29	1X 9W CFL Bulkhead Luminaries with Lamp. (Bajaj type: BJBE 19 or approved equivalent).					100	-	- 1	-	-	-
	Supply	Rate Only	F	1,009	0	987			2		-
	Supply 1	Nate Only	Each	1,009	0	(2)	#31 ****		-		S
	Erection	Rate Only	Each	112	0		7		-	1 M C	- 1
1.30	Company of the Compan						- 1		2		
1.30	Same as above, equivalent LED fixture Supply	2				*	-/	18			
	Зирріу	Rate Only	Each	2,363	0	120	M				ă.
	Erection	Rate Only	Each	112	0	-	-	Princ	pal Com	merce -	-
				10000		(C Pamaiah	College of A	rts, Science a		-
1.31	1 x36W Patti type fixture with tubes for general lighting. (Bajaj type: BCIR 136 WEB or approved equivalent).					-	M.S. KUMSR	IT Post,	56 0054		-
	Supply	675		547	207.225	-	M.S. Ramaiah MSR Bo	ngalor			9
	заррту	575	Each	517	297,325	-	-				-
	Erection	575	Each	112	64,607					*	-
0.0									-	2	ENTERN
.32	Same as above, equivalent LED fixture					-	-		-	X	4 ELLOND
						•	,	1.5		10	1 XO

00

Supply RA Bill-4

ITEM NO.	DESCRIPTION OF WORK	QTY.						1			A STATE OF THE OWNER, THE PARTY OF THE PARTY
0		QII.	UNIT	RATE	AMOUNT	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1	Bajaj type: 12956 BCLSB 18W or approved equivalent).			2.262	0	~	127 Annual Control (1971)		, .	1 -	
	Supply	Rate Only	Each	2,363		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 S	Supply of Ceiling Fans					10.7					~
10.2.0	soppi, or coming that									-	
la l	Supply, store & erection of ceiling fan with double ball								-	-	
	pearings, accessories, connecting wire and other standard accessories. Assemble, installation, testing and										
	commissioning of Ceiling fans including connection with										
	lexible copper wires, earth wire, etc. as required complete					-			-	-	
a	aluminium body.					-			9		
						-	120		-	*	44.5
10.2.1	1200 mm Sweep, 4 blade ceiling fan.	000	F	1 001	1,792,143	262.00	1	1	-	202.00	
	Supply	900	Each	1,991	1,102,140	263.00	523,703.88			263.00	523,703.88
	Erection	900	Each	202	182,023	263.00	53,191.22		2	263.00	53 191.72
4000	200 Wells staden in security					-	<u></u>				.0
10.2.2	300 Watts electronic regulator. Supply	900	Each	291	261,579	263.00	76,439.27	/		263.00	76,439.27
	συμμή	555	Lauii			203.00	70,439.27			263.00	10,439.2
	Erection	900	Each	34	30,337	263.00	8,865.20	/		263,00	8,865.20
10.3.0 E	Exhaust fans :									12	V
						-	240		-	740	*
1	Supply and storing of exhaust fans with sheet metal					-	V=1		Λ -	7-1	
	plades, necessary brackets, anti-corrosive epoxy					8			1 / 1		
	painting, rubber cushions, etc. The 5A 3-pin socket near fan locaion & remote located single-pole					-	12		Male		
	controlling switch, are included in the exhaust fan point.									- A	
	300 mm impeller dia, 1400 rpm exhaust fan (1-phase)						N.E.	1.12.1	Pru	cipal	0
t	blades, necessary brackets, anti-corrosive epoxy					2 4	Y	M.S. 1	Ramaiah College o	Arts, Science a	Commerce
	painting rubber cushions, etc. The 5 A 3-pin socket near					- 1			MSRIT Pos	t, MSR Nat	gar
	fan locaion & remote located single-pole controlling		17	:		' -	170		Bangalo	p 56 0054	-
S	switch, are included in the exhaust fan point.						*				
10.3.1	300 mm impeller dia, 1400 rpm exhaust fan (1- phase)										1
1	Supply	Rate Only	Each	3,891	0	7.00	27,240.10		*	7,00	27,240.10
		2002000							, -		The second secon
	Erection	Rate Only	Each	618	0	7.00	4,325.86		*	7.00	ENTERS
		1	Ī	<u>I</u>	1	- 1		I			5
	C					16				1	3 American
			Doo	a 78 of 45		1					4 *



AKASH ELECTRO CONSULTANTS FVT. L

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	Wor	k order value		-₹7,49,91,416.00 ⟨
2.0	Bill	value submitted by AE		
3.0	Valu	ue certified by AKASH		-₹29,31,938.69 -₹29,15,252.00
4.0	Cert	ified by AKASH @ 100% after supply	& erection of materials	
5.0	Ded	uctions;		₹2,18,643.90 ⟨
	5.1	Advance @ 5.0% on 4.0	- ₹1,45,762.60 <	
	52	Patentian manay @ 250/ an 10	₹72 991 20	

Retention money @ 2.5% on 4.0 −₹72**.881.**30 6.0 Net payable (4.0 - 5.0)

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 DVT. LTD.,

B.S. RĀMA PRAKASH)

Director

Copy to;

M/s. Akash Enterprises, Bengaluru.

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

-₹26,96,608.10

MSRIT Post, MSR Nagar Bangalore 56 : 334

Food Bull Controlled Subtricted dual Juliants

Controlled by Electronal supportations

holex, Near Court Circle, HUBLI - 580 029 Branch Office: # 11, 1st Floor, 'C' Block, Revanko





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-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 MS 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 2,931,938.69 146,596.93 1457626 (73,298.4) 72881.3 2,712,043.29 2696609.

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 Principal

M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar

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

BANGALORE 560 078

CHECKED DUERIRIED

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 E-mail : akashbidadi@akashenterprises.com

<u>-</u>

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

	Abstrac	t	
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
3.0	GRAND TOTAL	74,991,416	2,931,939 59152

CHECKED ANERIZIED BY US.

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





	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 EMEREGENCY 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	203,037.22
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	10220 10 (1,030,034.00
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	303,373.02
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	0,104.10
18.0	CIVIL WORKS	1,623,520	
19.0	MISCELLANEOUS ITEMS	361,232	
20.0	SUB TOTAL	63,895,349	(2,931,938.69

2915252

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

CHECKED AURRIFIED 134 US.

BANGALORE 560 078



1						RA	bill-1
TEM NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
	Supply	Rate Only	Each	918	0		-
	Franklan	0-1-0-1	e 1	204	0		81
	Erection	Rate Only	Each	281	0		-
9.0	TOTAL FOR POINT WIRING				3,222,013		390,307.7
10.0	LIGHT FIXTURE / CEILING / EXHAUST FANS:						-
.0	Supply of Indoor Lighting Fixture :				2		
	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.						(4)
							*:
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		-
	Зарріу	Rate Offig	Each	9/3	U		
	Erection	Rate Only	Each	169	0		
					676		2
.2	Same as above, equivalent LED fixture						2
	Supply	Rate Only	Each	2,363	0		5.
				000 000000	_		-
	Erection	Rate Only	Each	169	0		
.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		-
4	Same as above, equivalent LED fixture						-
	Supply	Rate Only	Each	4,795	0		age.
	STEEN		Lucii	1,7,00	: : : : : : : : : : : : : : : : : : :	TO STATE	10
	Λ		1			TWO C	13/ ASP

Principal

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

MSRIT Post, MSR Nagar

Bangalore 56 0054

Page 25 of 48





()	76		· · · · · · · · · · · · · · · · · · ·			RA	bill-1
NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
	Erection	Rate Only	Each	247	0		i i
1.5	2 x 36 Watts FTL mirror optics, surface/ceiling mounting						
	type fluorescent fixtures with tubes						
	(Bajaj type: BTSM 236 or approved equivalent).	1 202					
	Supply	1,250	Each	2,387	2,983,985		
	Erection	1,250	Each	247	308,990		
1.6	Same as above, equivalent LED fixture						0
	(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).		1875-1111189	1991 115 25 25	100		
	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		
.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		12
.10	Same as above, equivalent LED fixture					2	
	Supply	Rate Only	Each	5,698	0		-
	Erection	Rate Only	Each	315	0	্য ক	
	Lice					THE BUTTON	CORE

Principal

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

MSRIT Post, MSR Nagar

Bangalore 56 0054

Page 26 of 48

0	РО							
NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	A bill-1	
	2 x 36 Watts CFL, recess mounting type fluorescent					1	_	
	fixtures with paralite P5 louvres (Bajaj type: BMLA 101 236 CFL or approved equivalent).						0.2	
	Supply	100	Each	2.450	244,979		n =	
	33pp.7	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).				19		_	
	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		17	
	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).						27	
	Supply	Rate Only	Each	2,919	0		1.50	
	Erection	Rate Only	Each	169	0		60 0	
							i.e.	
10.1.15	2 x 18 Watts Round surface mounting CFL luminaires with lamp. (Bajaj type: BCSC 218 CFL or approved equivalent).		N .				0=	
	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						3-3	
10.1.10	(Bajaj type: - 13372 BZSLO 15W or approved equivalent).						0=0	
	Supply	Rate Only	Each	2,919	0			
	Erection	Pata Only	Fa-l-	160	0		13	
		Rate Only	Each	169	U	0 180 A	Ass	
AND A	meale		Each 169 7,584 Each 2,919 0 Each 169 0 Each 2,009 2,812,826 Each 169 235,956		13			

Principal

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

MSRIT Post, MSR Nagar

Bangalore 56 0054

Page 27 of 48

0	PO					RΔ	bill-1
NO.	DESCRIPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QTY	AMOUN
1.1.17	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		
.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		
.1.19	2 x 18 Watts Recess mounting Horizontal CFL downlighter with lamp.						
	(Bajaj type: BJDR 218 LH or approved equivalent).		12				
-	Supply	Rate Only	Each	1,529	0		A.
	Erection	Rate Only	Each	247	0		
.1.20	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	2,919	0		
	Erection	Rate Only	Each	247	0		
	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		
1.22	Same as above, equivalent LED fixture						
	Supply	Rate Only	Each	3,819	0		
	Erection	Rate Only	Each	169	0		
1.23	Recess mounting Non-integral horizontal fixed type				-	a .	
	MH DE spotlight with lamp.					17	000 /
	(Bajaj type: BJDR 50/70 MH DE NI or approved equivalent). Principal Principal Opinion & Commerce					10 Pen	

Principal

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

MSRIT Post, MSR Nagar

Bangalore 56 0054

Page 2

Page 28 of 48

0		PO					RA bill-
NO.	DESCR	IPTION OF WORK	QTY.	UNIT	RATE	AMOUNT	QT/
		Supply	Rate Only	Each	5,412	0	
		Erection	Rate Only	Each	506	0	
0.1.24	Same as above, equivalent LED fixture			×			
		Supply	Rate Only	Each	8,299	0	
		Erection	Rate Only	Each	506	0	
0.1.25	1 x 14 Watts (TLS) Mirror light.	d optivalent)					
	(Philips type: Vector 14WTCH207 or approved	Supply	70	Each	580	40,615	
	9	Erection	70	Each	112	7,865	
0.1.26	Same as above, equivalent LED fixture						
		Supply	Rate Only	Each	1,946	0	
	, , ,	Erection	Rate Only	Each	112	0	
0.1.27	100W GLS Bulkhead Luminaries with Lamp. (Bajaj type: BJDB 100 BC or approved equiva	North					
	(Bajaj type. BJDB 100 BC of approved equiva	Supply	Rate Only	Each	417	0	
		Erection	Rate Only	Each	112	0	
0.1.28	Same as above, equivalent LED fixture						
		Supply	Rate Only	Each	2,363	0	
	2	Erection	Rate Only	Each	112	0	
0.1.29	1X 9W CFL Bulkhead Luminaries with Lamp.		· C		7		
	(Bajaj type: BJBE 19 or approved equivalent)	Supply	Rate Only	Each	1,009	0	
		Erection	Rate Only	Each	112	0	
0.1.30	Same as above, equivalent LED fixture	Λ					1000 COV

Principal

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

MSRIT Post, MSR Nagar

Page 56 0054

Page 29 of 48



AMOUNT

-		PO			N.		RA	bill-1
M O.	DESCRIPTION OF WORK		QTY.	UNIT	RATE	AMOUNT	QTY	AMOUNT
<i>U</i> .	Erection		Rate Only	Each	112	0	4	
31	1 x36W Patti type fixture with tubes for general lighting.							
	(Bajaj type: BCIR 136 WEB or approved equivalent).				202	207 225		t.
	Supply		575	Each	517	297,325		
	Erection		575	Each	. 112	64,607	· ·	
22	Same as above, equivalent LED fixture							
) _	(Bajaj type: 12956 BCLSB 18W or approved equivalent).							
	Supply		Rate Only	Each	2,363	0		a
	Erection		Rate Only	Each	112	0		
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.						2	
1	1200 mm Sweep, 4 blade ceiling fan. Supply		900	Each	1,991	1,792,143	200	398,25
	Erection		900	Each	202	182,023	200	40,44
2	300 Watts electronic regulator.		900	Each	291	261,579	200	58,1
	Supply		900	Each	251			/
	Erection		900	Each	34	30,337	200	6,7
.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	real						

Principal

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

MSRIT Post, MSR Nagar

Bangalore 56 0054

Page 30 of 48

Market