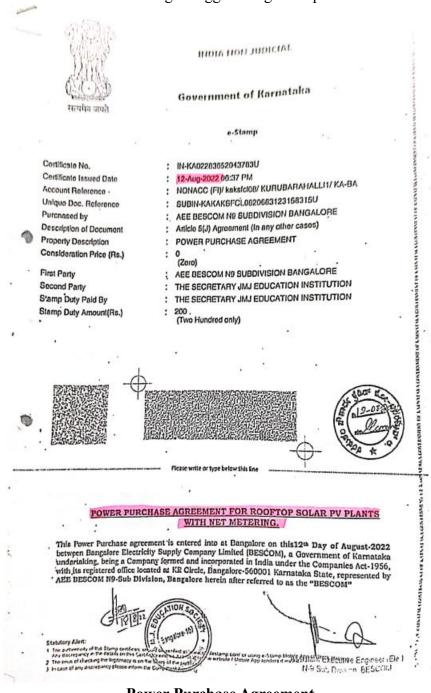
#### 7.1.2 The Institution has facilities and initiatives for

## 1. Alternate sources of energy and energy conservation measures a. Solar Energy Generation

JMJ education society, a parent body of Acharya & BM Reddy College of Pharmacy, takes effective steps towards energy conservation. Harnessing the solar energy by installing solar PV power plant on rooftop helps supplementing and powering the entire institute with a solar capacity of 480 KWP. In addition, the solar energy generated is outsourced to BESCOM, Karnataka at INR 2.9/KhW. the energy of the country, by implementing. The details of the solar PV modules and geo-tagged images are provided below.



**Power Purchase Agreement** 





**Photos of Solar Panels installed in the Campus** 



**Photo of Solar Grid System Details** 

THE RAVICHANDRA

### TIRLIRAGHAVENDRA ENTERPRISES

GSTIN : 29APSPR791301ZN

MERS - SGR SOLAR WATER HEATING SYSTEMS

g 31111 Se Nath Towe. Old Check Post Canesha Savotili Read, T Dasarahalli, Tunkor Road, Bengaluru - 560 057

Mob 9880657025, 9449616710, E-mail singururaghavendra@ymail.com, ravichandrahp5970@gmail.com

TAX INVOICE / BILL Invaice No. JMJ Education Society ( Regd.) Acharya Hostel 26.11.2022 No. 89/90, Soladevanahalli, Hesaraghatta Main Road, Chikkabanayara Order No. HOS/22/122 Bangalore -560090 Date: 01.09.2022 GSTIN: 51. Description Unit Rate Amount No Supplying and Installing Solar Water Heating Storage Tank @ 60+/5 deg. C, 304 Grade, 1000 lpg 2mm thick 55 Tank, 95 Kg inner Tank with Puff Insulation, 125 kg per Nos 5.00 74500.00 372500.00 tank, SS Powder Coating Sheet outside with Insulation Solar Water Heating System Collector to Tank Hope Pipe Mirs 100:00 450.00 45000.00 Solar Water Heating System Collector to Tank Hope Nos 150.00 22,00 3300.00 Clamp 1X Providing and Laying 1 %" & 1" Pipe CPVC & Jindal Mitr 75.00 475.00 35625.00 5 Providing and Fixing 1 %' & 1" Fittings CPVC Jindal Nos 65.00 525.00 34125.00 Providing and Fixing Gate Value Nos. 12.00 950.00 11400.00 Providing Teflon tape Nos. 30.00 600.00 Providing and Fixing Barler Pieces Nos. 20.00 100.00 2000.00 10 Providing and Fixing Tee 4 way Nos. 10.00 80.00 800.00 11 Providing Elbow, Color, Tee, etc. 18000,00 12 Labour charges for work 15 16500.00 Crane Lifting 13 15 35000.00 14 Transporation charges LS 3000.00 Sub Total (Rupers Six Lakhs Thirty One Thousand Two Hundred Sixty Three only) 557850.00 50206.50 50206.50 By Bac and Damaged scrap Tank 9 No X 3000 27000.00 GRAND TOTAL 631263.00 Note: Payment made in the Name of Srl Gururaghavendra Enterprises Sri Gururaghavendra Enterprises A/C No. 166011100003369, UNION Bank IFSC code: UBIN0816604 Supplier Nama Sri Giori Rofferade Enterpa Type of consycion, Sobr Ite Brought By Cari Chardre HP Acharya & BM Red College of Pharmacy Bengeluru - 560 107 Cognery occorne . Hobert

**Purchase Order of Solar Water Heating Storage Tank** 

 LED lamps to minimize power consumption
 ABMRCP also has taken initiatives to replace the traditional lightning systems into LED lamps to minimize the power consumption in the institute.





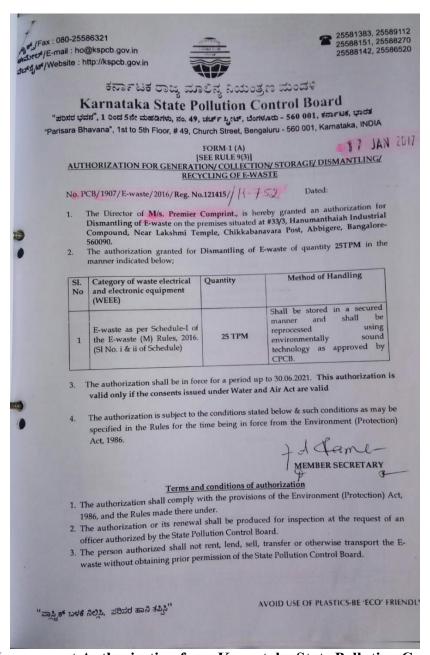
**LED Lamps Installed in the College** 

## 2. Management of the various types of degradable and nondegradable waste

Degradable and nondegradable waste management is done by performing tasks like electronic waste, Dry waste, and Liquid waste management by STP plant to turn in to a better environmentally friendly Institute.

#### a. E-waste Management and Recycling at the Institute

E-waste management and recycling in ABMRCP is done in collaboration with Karnataka State Pollution control board and Premier Comprint. The supporting documentation is attached below.



E-waste Management Authorisation from Karnataka State Pollution Control Board



# Premier Comprint

E-waste Management Company

#### Form-6 (See-Rue 19) E-WASTE MANIFEST

01.	Sender's Name and Mailing address (Including Phone No: )	Acharya Institutes Soldevnahalli,Hesargatta Road, Bangalore-560 107							
02:	Sender's Authorization No, If applicable.								
03.	Manifest Document No:	PC/2017-18/EW-015							
04.	Transporter's Name and Address:(including Phone no)  Premier Comprint, 33/3, Hanumanthalah Indst. Compound, Abbigere, Bangalore-560090								
05.	Type of vehicle	Eicher-KA 05 A8 9698							
06.	Transporter's Registration No.:	PCB/1907/E-Waste/2016/RegNo.121415							
07.	Vehicle Registration No. :	KA 05 AB 9698							
08.	Receiver's Name And Address.	Premier Comprint, 33/3, Hanumanthaiah Indst. Compound, Abbigere, Bangalore-560090							
09:	Receiver's Authorization No, If Applicable.:	PCB/1907/E-Waste/2016/RegNo.121415							
10.	Description If E-waste(Item, Weights/Numbers)	Weight							
	(i)Information Technology and Telecommunication equipment (ii)Consumer Electronics and Electrical	193, 197Kgs							
11.	Name and stamp of sender* (Manufactorer or Pr Centre or Refurbisher or dismantler is Signature: *	Month Day Year							
P 33/3	e HIPOS COM Acknowledgement of reference tray a								
	Compound & Mariene Signature:	Month Day Year							
Pos	H BANCALORE SED DIB.	0 6 0 9 2 0 1 8							
13	Receiver*(Collection Control or Rehabisher or Dis	smantler or Recycler)Certification of							
	Name & Stamp: Signature Monday Day	Year 0 6 0 9 2 0 1 8							
Yellow (	Copy : Senders Copy IkCopy : Receiver Copy	Orange Copy : Transporter's Green Copy : Receiver to Sender							

S.

# 33/3, Hansemenholeh Industrial Compound, Abbigare, Naar Lakshmi Temple, Osikkebenarara Post, Bangalore-560 090.

Ph. 080 - 32544599, Cell. 9740782599, 9342913787, E-mail: precommerce@gmed.xom, Website : www.precommerceding.com = 2

Acharya & BM Reddy College of Pharmary Bengaluru - 560 107



#### b. Bio – Medical waste management System at the Institute

Bio – Medical waste from ABMRCP is maintained and handled in a scientific manner in collaboration with Prajwal BMW Management systems, Medicare (A Resustainability Company), and Meera Envirotech Pvt. Ltd. Related documents are attached below.



### **Prajwal BMW Management Systems**

(A Unit of VV incin Solutions Private Limited.)

H 0. # 1. Second From Rocca Complia:0v: 66 & 67. Gamesha Layour, M S Palya, Volyaranyabura Pura Post, Bahyaizre - 56/097.

Mobile : +91.990.173.131-654. +91.696.9492/6. +91.73194.2926.

CBMWTF: Plot No. 56. Kvidumatakunte New K1ADB Industrial area. Gownfordanur Taruk ; Chakkaballapur District. • 561208.

Mobile : +91.9663899038 - 91.884522986 +91.9145087087.

Web site - vulncin.com. Email - vulncin@gmail.com.

#### PBMWMS/AC/INTRO/105/2020-21

Date: - 16.09.2020

To Acharya college Hesaraghatta road Bangalore Dear Sir/Madam.

Sub: - Company Profile and Introduction letter for handling Bio-Medical waste in Scientific Manner.

With reference to the abovementioned subject, we would like to introduce ourselves as pioneers in the field of Bio-Medical Waste Management. We are glad to inform you that we have already put up a facility to manage Bio-Medical Waste in a scientific manner at KIADB Industrial Area in Plot No.56, Kudumalakunte New KIADB Industrial Area, Gowribidanur Taluk-561208, Chikkaballapura-(District) & Head Office at Roopa Complex, No. 66&67, Ganesha Layout, MSPalya, Vidyaranyapura Post, Bengaluru-560097.

Prajwal BMW Management Systems (A unit of VV Incin Solutions Private Limited) is a company registered under the companies Act with the primary objective being Bio-Medical Waste Management. Prajwal BMWMS has set up an integrated Bio-Medical Waste Management facility, technically reliable. The intended facility shall operate on a "user-pay" principle. Each user shall contribute Prajwal BMWMS in proportion to the quantity of waste generated by them that is processed at the facility.

Prajwal Entrepreneur has highly trained and experienced professionals in the management and handling the Bio-Medical Waste. We have the Experience in the service of Bio-Medical Waste Management in the districts of Bangalore Urban, Bangalore rural, Chikkaballapura, Chitradurga, Hassan, Chikmangalore of Karnataka state from last Ten years.

Cont...2

Principal
Acharya & BM Reddy College of Pharmacy
Bengaluru - 560 107





BLR/23-24/9378

## SERVICE CERTIFICATE

This is to certify that M/s.

## Achanya & B.M Reddy College of Pharmacy.

is a member of

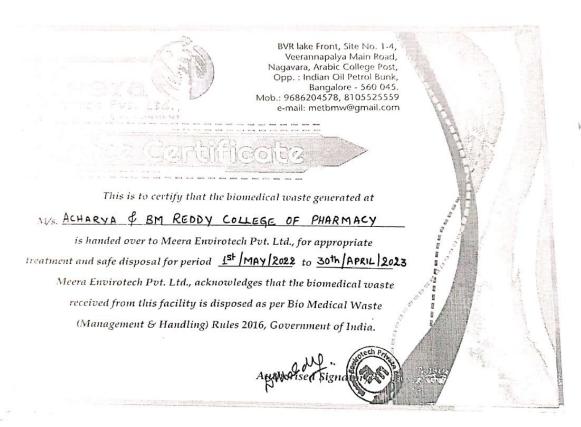
Medicare Environmental Management Private Limited

Bearing Registration No. 2299 Me	edicare is providing Bio-Medical W	aste Management
services to the above customer from	29.06.2023	for a tota
bed-strength of		

This certificate is valid upto 28.06.2024



#### **Document for Medicare Company**



Biomedical waste management contract with Meera Envirotech Pvt. Ltd.

#### c. Liquid waste Management

Liquid waste management from ABMRCP is maintained and handled through Sewage Treatment Plant installed in collaboration with Environs management (Bangalore) Pvt. Ltd., which provides an output of 3 lakh liters per day. Related document is attached below.



#### Environs Management (Bangalore) Private Limited

EMPL/81/22-23

26th August 2022

M/s, J M J Education Society (Regd) #89/90,Sodevanahalli, Hesamghatta, Chikkabanavara Post, BANGALORE - 560 090,

Dear Sir,

Reg: O & M of 450 KLD S.T.P for Acharya Institute and pumping station of

Hostel at Acharya Institutes Campus. JMJ Education Society

Please find our offer submitted in April-2022 forwarding again for your approval.

Offer were given as below, every year, but the revisions ware not approved which were based on the yearly minimum wages and other materials and costing.

Year	Offered (Per Month)	Approved (Per Month)
2018	1,35,000/-	1,20,000/-
2020	1,50,000/-	1,20,000/-
2022	1,65,000/-	1,20,000/-

Kindly approve the rate of Rs 1,65,000/- per month, already offered on 06th April 2022, for O & M of 450 KLD S.T.P for Acharya Institute and pumping station of Hostel at Acharya Institutes Campus

STP for 6 shifts of operation with 6 operators excluding weekly off.

We are pleased to submit our non-comprehensive revised prices for Operation & maintenance of above plant with the following scope of works for the period 01.04.2022 to 31.03.2023

#### 01. SCOPE OF SERVICE:

- Operate the S.T.P for 24/7.365 days by deputing Two operator per shift of 8 hours for three shifts.
- Operate the S.T.P. commencing from Bar Screen chamber & Treated through the pressure sand filter / AC filter for final usage by clients.
- Operate the various units within the S.T.P for obtaining the best possible results and within KSPCB norms,

Liquid waste management contract with Environs Management Pvt. Ltd

	B.M. REDDY President						14/14		
	Charlett	PURC	HASE OF	RDER			B, P	REMNATH REDDY	
JM No	vice To:  J EDUCATION SOCIETY  89/90, Soladevanaballi, sarsonatta Main Road, Children		Purchas JMJ/20/	order 1	Ĉo:	Date: 24-09-2020			
Hesaraghatta Main Read, Chikbanavara, Bangalere - 560090 Email-id: purchase@acharya.ac.in State Name: Karnataka Code: 29 Supplier: ENVIRONS MANGAEMENT(BANGALOR LTD Mr.P.V.Kulkarni- Director #2983, New Bank Colony Konanakunto Bangalore - 560 062 Ph. No.0280 - 26324121 M.dc:emplblore@gmail.com PH-9742264377 PAN No.AABCE5075H			Store Name CENTRAL STORES			Destination MD/Facilities			
		RE) PVT	Quotatio			Other Reference Mr. Anandhavali Room No. Al03GF01-SR			
			As per A	yment: greeme	nt Conv.				
		Karnataka	Terms of 1. Taxes 2. Service	Delivery are incl es agre	uded in	i total amount, om 01 July 2020, to 30 Jun 2021, jes are included in total amount,			
Sl.No	ocous nescription		Quantity		Rate	GST %			
1	Agreement For Operation and Maintenance of STP Plant-Anne Enclosed	xure 1	12.0		120000	-	0.0%	Amount 1440000.00	
-	Total Amount							₹ 1440000.00	
	DISC Total							₹ 0.00	
	GST Total Grand Total(Rounded off)							₹ 259200.00	
			12					₹ 1699200	
	in Words Lakhs Ninety Nine Thousands Tw	o Hundred	Rupees O:	nly				E-&O.E	
MANGA Bank Nai Bank bra Account I Bank IFSi Remarks	Holder Name: ENVIRONS EMENT(BANGALORE) PVT LTD nc: BANK OF INDIA nch: JAYANAGAR Nc: 846530110000038 C NO: BKID0008405					For JN	i EDUC	ATION SOCIETY	
							Autho	rized Signatory	

Liquid waste management contract with Environs Management Pvt. Ltd -Purchase Order





Photos of STP plant in the campus





Photos of STP plant in the campus

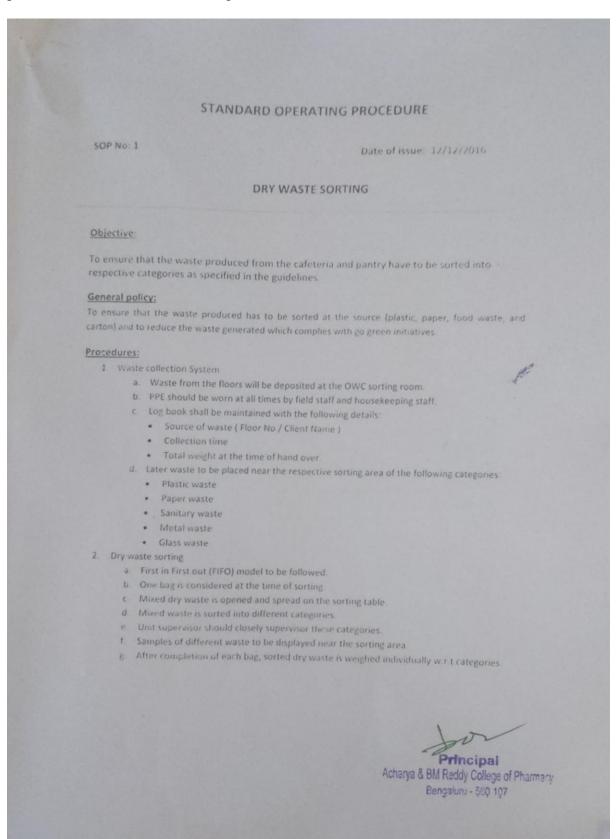


STP-L	STP- Log Sheet			agement	(B) Pvt, Ltd		Location: Acharaya college DATE:   / / 2 / 2 Elant capacity:				
Daily Checks		SHIFT-17	horse y	ced ii	SHIFT - II Timings :	Nagen			Margin		
Equipments	Duty	Opening timing	Closing	Net value	Opening timing	Closing	Net value	Opening timing	Closing timing	Net value	Remark
Energy Meter Readings			199590			122281		199981	2.0069		
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Air blower-1		6.00			111.00			22 100	2.10	2 · H	
Air blower-2					18 . 00			4.00	6.00	2-H	
Air blower-J											
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Raw effluent pump-2					12 . 60				6.40	2·H	
Raw offluent pump-3											
MLR- pump-1											*
MLR-pump-2											
Studge Recerculation					14', 00	13 50	8.4	22 00	12.00	214	
Sludge Recerculation					18: 00			Wilel		2.4	
Sludge Recerculation		6.00	10	4-0							
Filter feed pump-1		0.00			14.00	14:00	7-4	29.80	12.0	3 2.4	
Filter feed pump-2					18:00				1921		
Filter feed pump-3		. 00			10.00	7		1100	-		

Photos of STP plant in the campus Maintained by Environs Management Pvt. Ltd

#### d. Dry waste management system

Dry waste from ABMRCP is maintained and handled through a standard operating procedure. Related document and photos are attached below.







Dry waste management system at the Institute



Dry waste Sorting and Handling at the Institute



Dry waste management system – Preparation of Bio Compost

## e. Sanitary napkin disposal machine in women's rest rooms

Sanitary waste is maintained and handled through a Sanitary Napkin disposal/ incineration machine installed in all the women rest rooms in ABMRCP. Related photos are attached below.



Sanitary Napkin Incinerator installation at women's rest rooms

### 3. Water Conservation

### Rainwater harvesting and recycling

The campus has its own mechanism for rainwater harvesting which includes building of four-acre artificial lake. Rainwater harvesting is at its priority, and the rainwater is collected into artificial lake through the well-planned drainage system. Rain water harvesting help ground water recharge and the collected water is used for farming and gardening in the campus.

.





**Photos of Artificial Lake** 







Photos of Borewells and water circulation from the artificial lake





**Harvested Rainwater Usage for Gardening** 





**Harvested Rainwater Usage for Farming** 



## JMJ EDUCATION SOCIETY (Regd.)

## ACHARYA

B. PREMNATH REDDY

Authorized Signatory

Pres	ident PURCH	ASE ORDE	R						
	rokon	inon Orton	**						
No BOIL	RYA INSTITUTE OF TECHNOLOGY	Furchase ore AIT/18/175			Date: 27-10-2018 /				
Hesara Bangal Email I	ghatta Main Road, Chikhanavara, ore - 560090 d: purchase@acharya.ac.in Jame: Karnataka Code: 29	Store Name CENTRAL S			Destination ANA Block.				
Supplie		Quotation No: Other Reference 1015 Dt. 12.10.2018. Maintenance/Facilities							
Mr. Lo No.14	kesh S Y 1st cross,kanakanagar,Pattegarpalya Main Road	Terms Payment: 100% Advance							
Near Crystal Car Care, Vijaynagar Bangaloro-560072, & 080-23386176 Karnataka Gst No: 29ACSPL8536C1Z5 M-ld:seaguilitechnologies.94@gmail.com PH:9141333811 PAN No:ACSPL8536C		Terms of Delivery  1. Taxes as included in total amount.  2. Delivery immediate.  3. Installation and Transportation charges are include in total amount.  4. Multi Stain Round Cable consumption will be on actual.							
Sl.No	Goods Description	Quantity	UOM	Rate	GST %	Disc %	Amount		
1 2	Water Level Sensor Single Phase Trigger System With Plastic Moulded Stainless Steel Sensors. 6 Core multi strand wires Rounded open Cable.	4750 50	Nos Mts	25	18%	0%	4750.0 1250.0		
_	Total Amount						₹ 6000.0		
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Amoun'	t in Words Thousand Eighty Rupees Only	Mar	38to :	é			E.&0		
Account Bank N Bank b Account	Details: It Holder Name: Seaguill Technologies Iame: Karnataka Bank Ltd. Igranch: Amarjyothinagar It No: 1242000100083901 IFSC NO: KARB0000124	. 18		Q.					
Remai	rks: acknowledge the Order.		For	ACHAI	RYA INST	TTUTE OF	TECHNOLO		

Acharya Dr. Sarvepalli Radhakrishnan Road, Acharya P.O., Bangalore 560 107, Kangataka, India • www.acharya.ac.in • Ph: +91 80 225 555 55 • Fax: +91 80 237 002 42 • E-mail: jmj@acharya.gc.in

#### 4. Green campus initiatives

Institute has undertaken initiative to establish an eco-friendly campus and strives in keeping the Eco –friendly atmosphere in the campus. Planting trees, garden landscaping throughout the campus, plastic ban, restriction for automobile entry, allocated parking for two-wheeler and four-wheeler are the few measures in this regard. Pedestrian friendly pathways are designed throughout the campus for the safety of staff and students. To understand the negative impact on the environment, the institute has taken steps like conducting Green / environment / energy Audit every year. Photos of the same are provided below.





Rich vegetation and gardening in the institute





Trees and garden landscaping in the campus



## JMJ EDUCATION SOCIETY (Regd.)

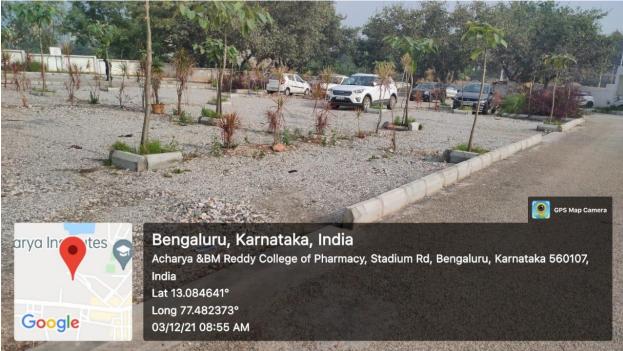
#### B.M. REDDY

B. PREMNATH REDDY

Presi	dent					Secreta	y.			
	PURCHAS	E ORDER -	GRN							
ACHAI	To OUCATION SOCIETY (Regd.) RYA INSTITUTE OF TECHNOLOGY 90. Soladevanaballi.	Purchase or 'AIT/22/113		4	Date: 19-10-2	Date: 19-10-2022				
Hesaraghatta Main Rond, Chikbanavara, Bangalore - 560090 Email-1d: purchase@acharya.ac.in State Name: Karnataka Code: 29 Supplier ESSAR DIESEL SERVICES SHIVARAJU.V.D		Store Name CENTRAL S			Destination Maintenance/Facilities Other Reference Mr. Praveen B B.					
		Quotation N RO- AIT/21 01.12.2021	395, DT							
RAJAR	OMKAR NILAYA,1ST "A"MAIN,3RD CROSS AJESHWARI LAYOUT	Terms Payment 50% Advance 50% After completion of six months								
BENGALURU-560056 Karnataka Cat No: 29ATOPS1286R1ZF M-Id.essardiesei.eds@gmail.com PH 9741494882 PAN No:ATOPS1286R		Terms of De 1. Taxes ar 2. Services 2023. 3. Transpor 4. Agreeme enclosed.	e include from 01s rtation ch	t Septem	ber 202 e include	2. to 30th ed in tota	s September I amount. re			
SI.No	Goods Description / Service	Quantity	UOM	Rate	GST%	Disc %	Amount			
1	Annual Maintenance Contract-100KVA Karloskar Green Generator (Mech Block) Labour:	1	Nos	7500	18%	0%	7500.00			
2	Annual Maintenance Contract-50KVA Kirloskar Green Generator(STP plant) Labour.	1	Nos	6750	18%	0%	6750.00			
3.	Annual Maintenance Contract-63KVA Kirloskar green Generator(CPRD) Labour.	1	Nos	6750	18%	0%	6750.00			
4	Annual Maintenance Contract-25KVA Kirloskar Green Generator(EC Block) Labour.	1	Nos	6500	18%	0%	6500.00			
5	Annual Maintenance Contract-50KVA Kirloskar Green Generator(IS/CS Block) Labour.	1	Nos	6750	18%	0%	6750.00			
6	Annual Maintenance Contract-50KVA Kirloskar Green Generator(MBA Block) Labour.	1	Nos	6750	18%	0%	6750.00			
7	Annual Maintenance Contract-125KVA Kirloskar green Generator(Arach Block) Labour.	1	Nos	7600	18%	0%	7600.0			
8	Annual Maintenance Contract-40KVA Kirloskar green Generator (Hostel Block) Labour.	1	Nos	6750	18%	0%	6750:0			
9	Annual Maintenance Contract 200KVA Kirloskar Green Generator(Hostel Block) Labour.	1	Nos	8250	18%	0%	8250.0			
10	Annual Maintenance Contract-25KVA Kirloskar Green Generator(admin block) Labour	1	Nos	6500	18%	0%	6500.0			

Acharya Dr. Sarvepath Radhakrishnan Band, Acharya P.O., Banga P.F. 191 (D. Ramana) and www.acharya.ac.in = Ph. 491 80 225 565 55 + Fax +91 80 237 002 42 charya & Bathacoty College of Pharmacy www.acharya.ac.in Bengaluru - 560 107





Photos of Two-wheeler, Four-wheeler parking and pedestrian friendly pathways in the campus in the campus

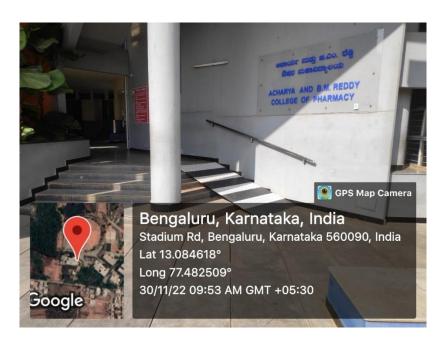


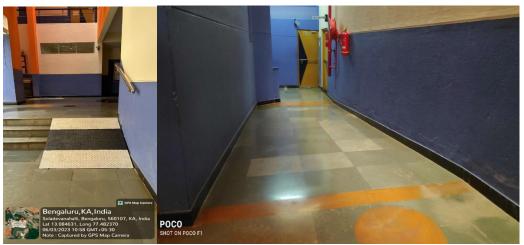


Photos of Two-wheeler, Four-wheeler parking and pedestrian friendly pathways in the campus in the campus

#### 5. Disabled-friendly, barrier free environment

ABMRCP has got a disabled friendly infrastructure at all levels and for both the genders. The wheelchair is provided for accessing the campus. Ramps are built for the convenience of physically disabled persons. A disabled friendly rest room is designed and dedicated separately.





Ramps to Access College Labs, Class Rooms and Common Rooms





Wheelchair Availability in the College



**Disabled Friendly Toilet**