



"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's  
**AJEENKYA**  
**DY PATIL SCHOOL OF ENGINEERING**  
(Formerly known as DY Patil School of Engineering)

AICTE ID - 1-3847411  
AISHE Code: C-46648  
DTE Code: EN6732  
SPPU PUN Code: CEGP015720

(Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)  
(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

## Criteria 7

### 7.1 Institutional Values and Social Responsibilities

#### Environmental Consciousness and Sustainability and Divyangjan friendly initiatives


7.1.2 - The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

#### List of supporting documents

Sr. No.	Title
1	Policy Document
2	Geotagged photos <ol style="list-style-type: none"><li>a. <i>Alternate sources of energy and energy conservation measures</i></li><li>b. <i>Management of the various types of degradable and nondegradable waste</i></li><li>c. <i>Water conservation</i></li><li>d. <i>Green campus initiatives</i></li><li>e. <i>Disabled-friendly, barrier free environment</i></li></ol>
3	Bills



  
**Principal**  
Ajeenkya DY Patil School of  
Engineering, Lohegaon, Pune

# Policy Document





# Environment and Energy Usage Policy

Promotes Environment Consciousness and Sustainability

POLICY No: APN/ 2020/7.2.1

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ENVIRONMENT AND ENERGY USAGE POLICY 1





# INDEX

SR. NO.	TITLE	PAGE NO.
	Vision, Mission, Quality Policy	3
1.	Policy Statement	4
2.	Purpose	4
3.	Scope	4
4.	Objectives	4
5.	Practices	4
6	Green Clean Environment through managing solid, liquid & E – waste.	4
7	Water Conservation.	5
8	Energy use and Conservation.	5
9	Paperless Operations	5
10	Landscaping with Trees and Plants	6
11	Ban on Single-Use Plastic	6
12	Air quality monitoring and General cleanliness	6
13	Environment awareness and training	7
14	Policy Details	7



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## *Vision*

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Empowerment through quality technical education

## *Mission*


- 
- M1: To excel as a center of excellence in technical education
  - M2: To impart skill based education to meet the needs of industry and Society
  - M3: To achieve excellence in teaching, learning and research
  - M4: To inculcate social & ethical values among the students

## *Quality Policy*

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We strive to impart the quality technical education through academic excellence and provide best of facilities to satisfy the need & expectations of the students & stakeholders.



  
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### 1. Policy Statement:

Ajeenkya D.Y. Patil School of Engineering takes great pride in being a part of sustainable environment. Optimal use of available water resources, efficient management of solid and liquid waste, sustaining of variety of trees to maintain the biodiversity, Use of conventional and nonconventional energy resources and initiating towards paperless offices makes the campus unique. The provisions adhere to the National Environment Policy 2006.

### 2. Purpose

This policy will play an integral role as the Institution continues to develop an environmentally sustainable and economically viable campus that reflects the Institutional core values of engagement and accountability. The Institution is committed to preparing its students to become engaged environmental citizens on campus, in their own communities and throughout their lives. The Institution will educate the community and implement the best practices to improve the environmental footprint of the campus and its operations. Institution will strive for meeting the United Nations sustainable development goals.

### 3. Scope

- This policy applies to all the Stakeholders of the Institution, including students, faculty & Staff..

### 4. Objectives

- To implement Green and sustainable initiatives on campus
- Monitoring and reducing waste of all campus operations and activities.
- Foster a culture of sustainability awareness, action in the campus and community.
- To motivate the stake holders to adopt environment friendly practices to save electricity, water, using paper bags, banning plastic etc.


### 5. Practices:-

- A. Green Clean Environment through managing solid, liquid & E – waste.
- B. Water conservation
- C. Energy use and conservation
- D. Paperless operations
- E. Landscaping with Trees and Plants
- F. Ban on Single-Use Plastic
- G. Air quality monitoring and General cleanliness
- H. Environment awareness and training

### 6. Green Clean Environment through managing solid, liquid & E – waste.

1. Collection and handing over of solid waste generated in the campus and canteens to agencies that carry out its disposal in eco-friendly manner.
2. Setting up of Biogas Plant near canteen for biogas generation from biodegradable solid and liquid waste from canteen.



  
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3. Fixing water saving faucets to save water.
4. Restricting entry of Automobiles in the Technical Campus and allowing only those vehicles which have PUC.
5. Installing electrical charging station for two and four wheeled vehicles.
6. Carrying out E waste and plastic waste disposal as per the green practices.
7. Banning single use plastics in the Technical Campus.

#### **7. Water Conservation.**

1. Installation of Roof top water harvesting system over the terraces of the buildings in the campus.
2. Efficient working of the Sewage Treatment Plant (STP) in the campus.
3. Use of treated water of Sewage Treatment Plant (STP) for gardening and vegetation purposes to conserve available water resources in the campus.
4. Rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well-connected pipelines to the wells or is collected in the large water harvesting tanks and is discharged through the soak-pits for ground water recharge.
5. Recharging available reservoir. The campus is provided with a natural slope, the storm water accumulated is effectively discharged through the natural slope in the available reservoir recharging it.

#### **8. Energy use and Conservation.**

1. Installation of Grid connected Roof top solar panels for reducing the carbon footprints.
2. Energy efficient product like LED fittings etc
3. Sensor based lighting in the premises
4. Wheeling of Grid
5. Lights and fans shall be switched off when they are not in use.
6. Electrical equipment's shall be unplugged soon after the usage.
7. Artificial lighting and ventilation should be used under unavoidable conditions.
8. Existing electrical equipment's shall be replaced with energy efficient equipment's in the phased manner.
9. Existing incandescent bulbs shall be replaced with LED bulbs and tube lights in the phased manner.
10. Energy auditing on yearly basis.
11. Adopt Suitable measures shall be adopted in order to continuously improve energy conservation.

#### **9. Paperless Operations**

1. Promote the concept of Paperless office and advocate its benefits in reducing the paper waste.
2. Use of both sides of paper for writing in case its use becomes inevitable.
3. Switch to digital library in the Technical campus.



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#### **10. Landscaping with Trees and Plants**

1. Promote environmental activities.
2. Gardeners and full time adequate support staff have been appointed for the maintenance of gardens and keeping the campus litter-free.
3. The tree-plantation drives are undertaken by the NSS and NCC Units of the college on regular basis.

#### **11. Ban on Single-Use Plastic**

1. A complete ban on single-use plastics in classrooms, laboratories, canteen, hostel, and in the other premises.
2. Facilitates environment friendly substitutes like stainless steel, washable and reusable tumblers at all water units and mandates the canteen to serve only in stainless steel or paper plates/glasses/cups to systematically ban the use of plastics on the campus.

#### **12 Air quality monitoring and General cleanliness**

1. To educate workers collecting fallen dry tree leaves in the Campus to avoid its disposal by temptation of burning.
2. To utilise dry tree leaves collected for composting in the ditches, dug in the free area of the campus for generating manure in house.
3. To make Technical campus tobacco free and No smoking area.
4. To carry out maximum tree plantation for carbon sequestration.

#### **13 Environment awareness and training**


1. To celebrate Environment day by taking out student rallies, Poster competition, preparation and presentation of skit on environment awareness and climate change etc.
2. To organise symposiums and workshop for faculty and students to get into interactive sessions for understanding the environment and Green building best practices.
3. To ask Canteen staff to serve only half glass of water initially to prevent wastage of water in the canteen.
4. To promote the environment the guests are felicitated with saplings.
5. Every month tree plantation is carried out as birthday celebration of the stakeholders of that month.
6. Training sessions to educate staff and students about the concept of Environment impact and develop habits to minimise these impact at individual's level.
7. To take continuous feedback from the staff and students on implementation of Green practices in the Technical campus.
8. To run short term courses on environmental studies for all students,





### Policy Details:


Policy Name	Environment and Energy Usage Policy
Policy Number	APN/2020/7.2.1
Version Number	7.2.1
Effective Date	1 June 2020
Policy drafted by	Dr. Pallavi Kharat
Policy Applies to	All Stakeholders of the Institute
Approved by	Management
Responsible Authority	All Stakeholders
Superseding Authority	Principal
Date of last revision	-
References	AICTE

Version History				
Version	Approved By	Revision Date	Description of change	Author
7.2.1	Dr. Sushant Patil		-	Dr. Pallavi Kharat

  
Prepared by  
Dr. Pallavi Kharat

  
Reviewed by  
Principal/IQAC

  
Recommended by  
Director-TC

  
Approved by  
Trustee







"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

**Ajeenkya D Y Patil Group of Institution's Technical Campus**  
**Dr D Y PATIL SCHOOL OF ENGINEERING**

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### **7.1.2 The Institution has facilities for alternate sources of Energy and Energy Conservation Measures**

1. Institute Initiative for Plastic Ban in the Campus.



  
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## Ajeenkya D Y Patil Group of Institution's Technical Campus Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720

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### Institute Initiative for Plastic Ban in the Campus

The institute has taken a number of initiatives to ban the single use plastics within college premises as per the State Government Initiative on Plastic Ban Guidelines.

- All stakeholders informed to minimize the use of plastics on the campus and instructed to minimize the use of plastic drinking water bottles, cups, straws, plates and spoons at all places and in the special events. Special awareness campaign is conducted through eco-friendly committee and sign boards are placed in the campus/Notice boards.
- Plastic cups and glasses at canteens and hostels are replaced with- disposable paper cups and glasses
- Disposable paper coffee cups are used at the tea-coffee spots in the campus.
- No plastic takeaway containers are used for lunch and refreshments.
- Students are asked to refrain from bringing plastic tiffin boxes and encouraged to bring steel/recyclable tiffin container
- Minimum use of packaged water bottles is not permitted during college events.
- Students are encouraged to recycle the available material for creative work during college festival as far as possible. Guidelines and support is given to students through eco-friendly committee.
- Necessary alternative facilities are installed in the campus like water units to avoid the use of plastic water bottles and encouraged the use of alternative solutions like Plastic bottles permitted by the state government (non-use & through etc), cloth bags, paper bags, etc., instead of plastic bottles, bags, cover, and other goods.
- Stakeholder are strictly instructed to follow the waste Segregation - Banning single-use plastic bags, while simultaneously eliminating the recurring expense of purchasing disposable items and lowering recycling and garbage disposal fees. More focus is given to create environment sustainable campus.
- Stakeholders are encouraged to follow the plastic reduction plan based on following principles,
  - Identify - we will audit our operational areas to identify where single use plastics are used
  - Avoid - we will avoid the use of single use plastics wherever possible
  - Substitution - we will identify more sustainable alternatives to single use plastics wherever possible
  - Recycling - we will ensure that we have a functional sustainable waste management system in place for single use of plastics and source from recycled content for a closed loop system wherever possible.
- Institute undertakes awareness programs/notification/sign boards/Environment day celebrations for stakeholders regarding reduce, reuse and recycle of plastic.



*[Signature]* f3  
Principal  
Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune  
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## **DYPSOE Policy for Differently Abled Students**

### **Objectives -**

To create awareness about the capabilities of differently-abled persons, constructing facilities aimed at improving accessibility and in accordance to this the college will follow certain practices to support Divyangjan (Differently abled) persons.

**Measures:** The institute has developed a number of measures in order

1. To provide equal opportunities, protection of human rights and active participation of students and staff with disabilities.
2. To provide guidance and counseling to them.
3. To create awareness about the needs of differently-abled persons, and other general issues concerning their learning.
4. To assist differently-abled graduates to gain successful employment in the public as well as private sectors.
5. To ensure the awareness programs for all the teachers and non-teaching staff regarding the issues of accessibility.
6. To facilitate admission of differently-abled persons in various courses.
7. To ensure the representation of all the types of disabilities listed in Rights of Persons with Disabilities 2016 and as per government regulations from time to time.
8. To assess the educational needs of persons with disabilities enrolled in the higher education.

### **Infrastructure Facilities:**

All existing structures as well as future construction projects in the campus will be made disabled friendly. Special facilities such as wheel chairs, ramps, rails and special toilets will be made to suit the special needs of differently-abled persons.



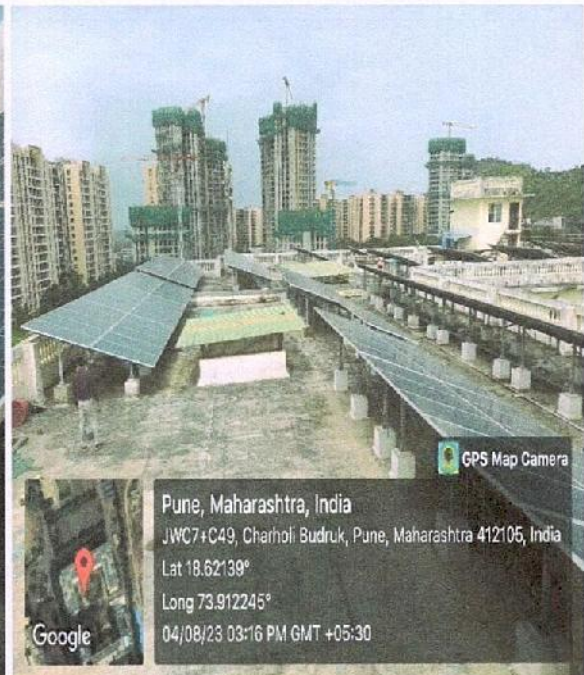
**Principal**

Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune.

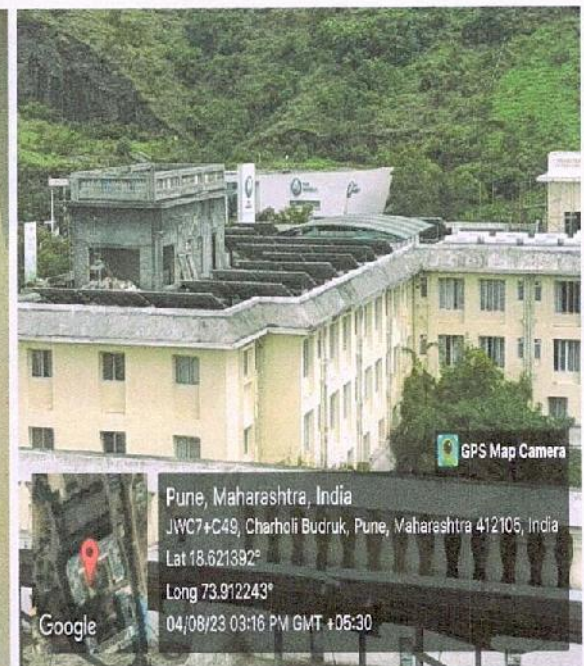
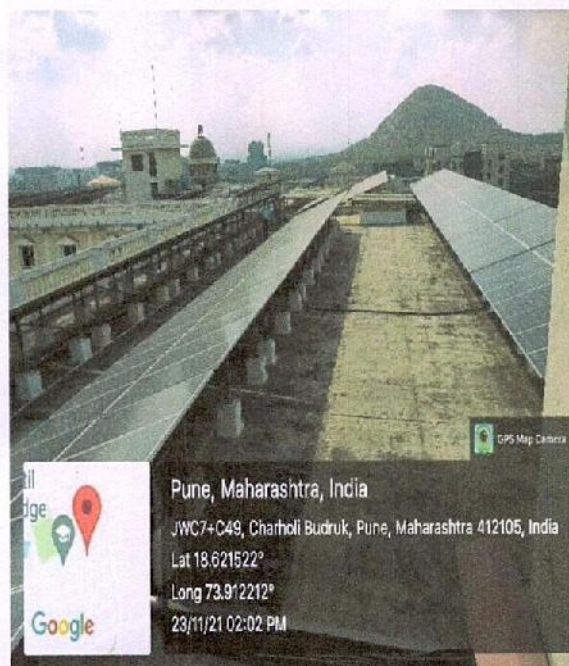
# Geo tagged Photos

Alternate sources of energy and  
energy conservation measures





**Solar Panel located on Installed Roof of Main Building**

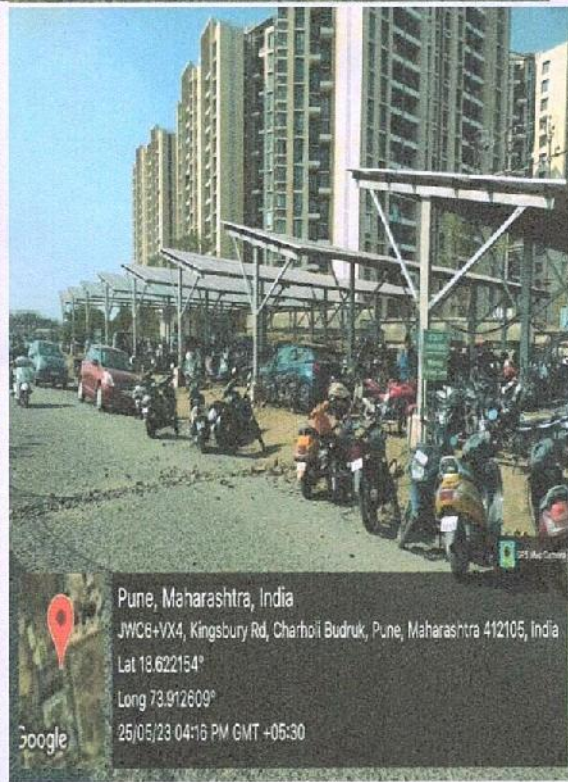
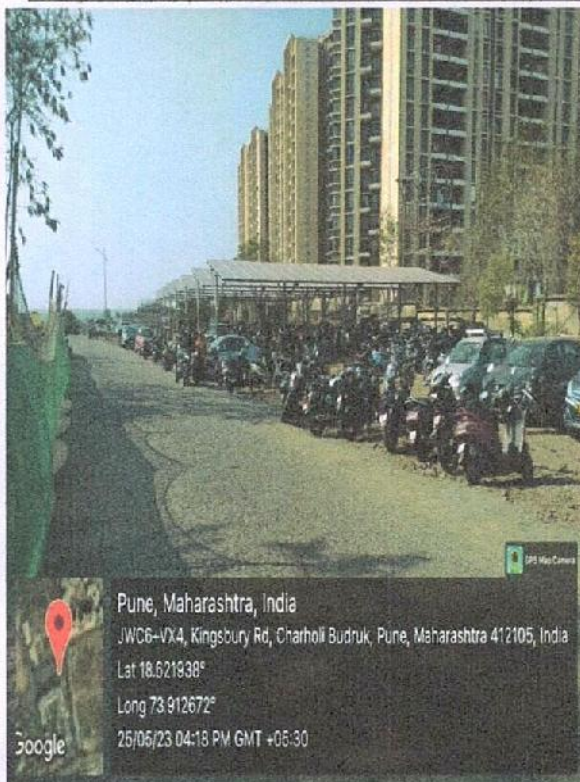
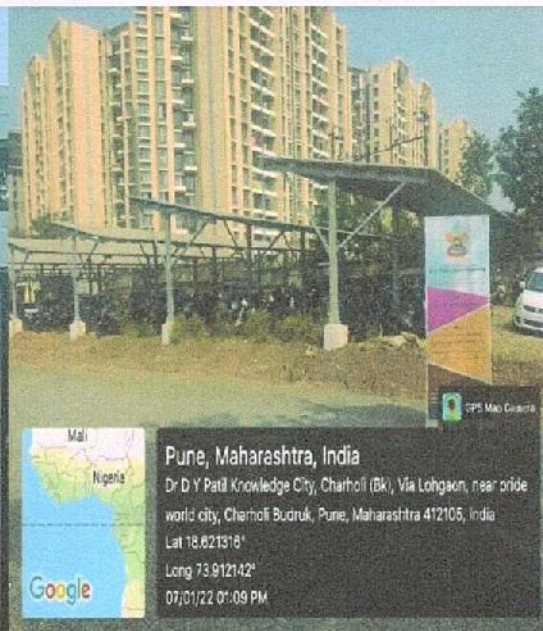


**Solar Panel located on Roof of Hostel Building**

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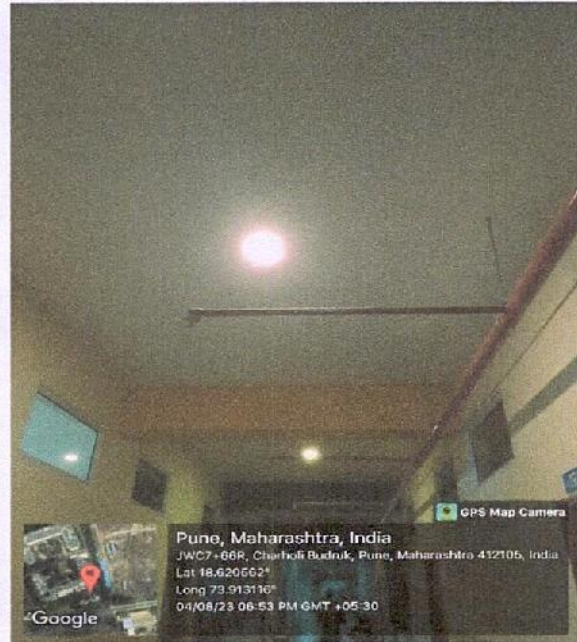
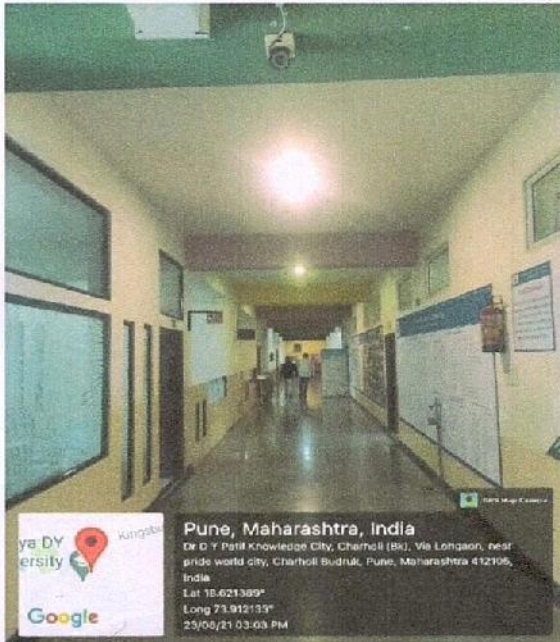


**Solar Panel located at Parking Area**

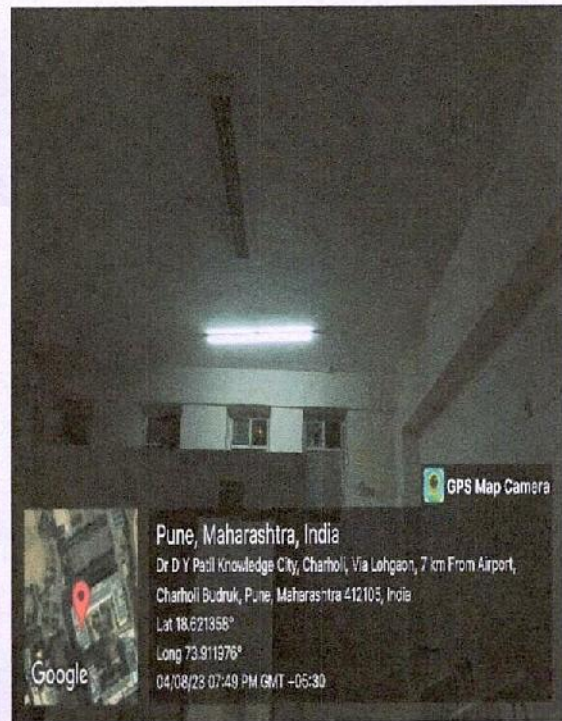
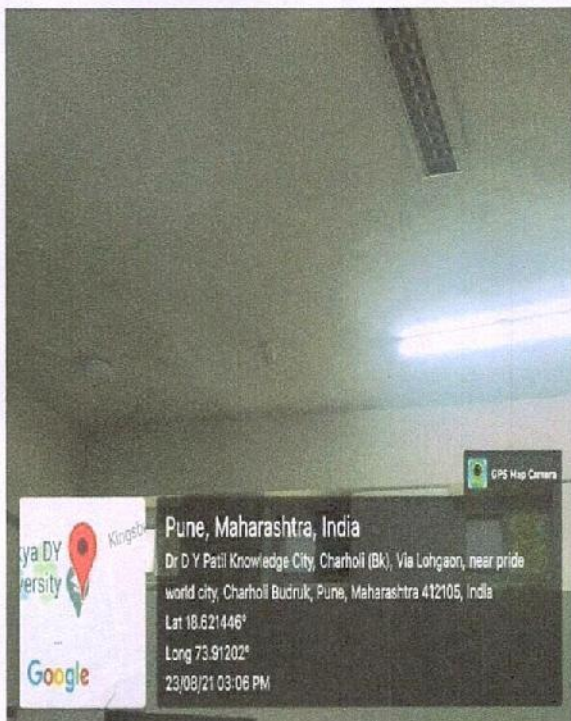
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**Sensor Based LED Lights in the Passage of SOE Building on different floors**



**Sensor Based LED Lights in the Toilet**

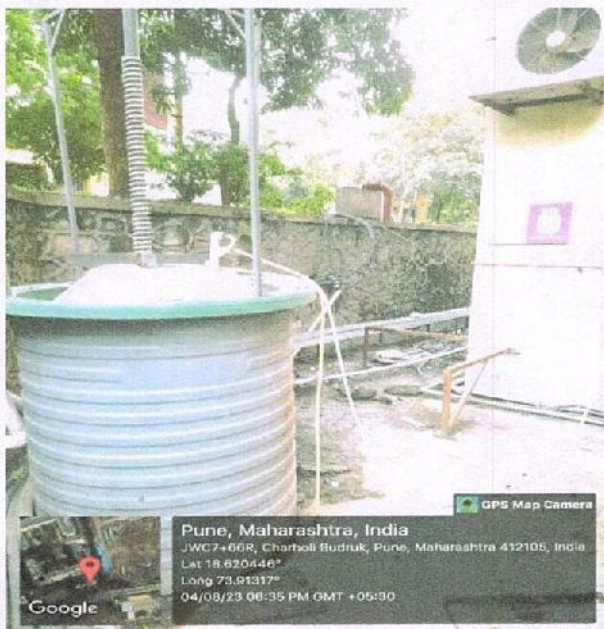
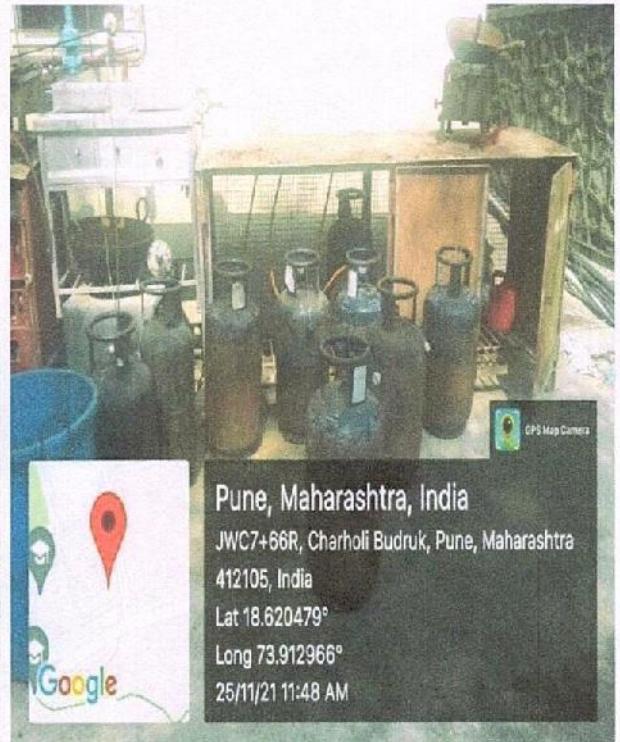
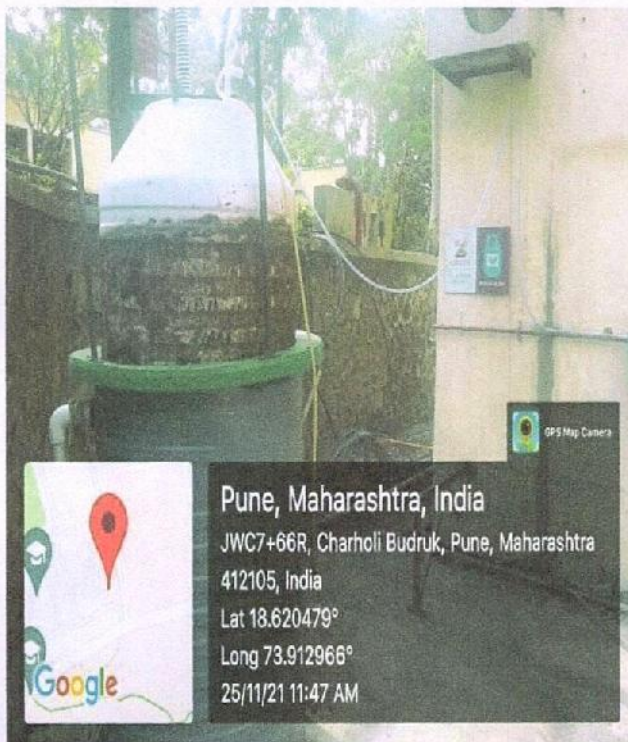
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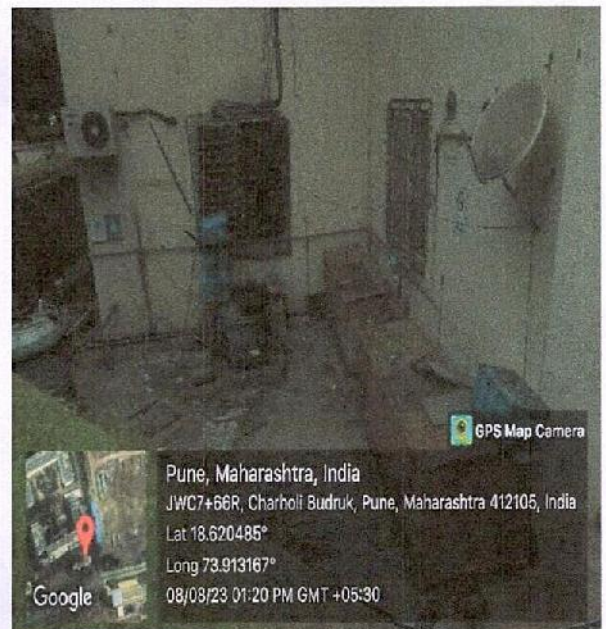
# Geo tagged Photos

Management of the various types of  
degradable and non-degradable waste





**Bio-Gas Used for Bio degradable Waste**

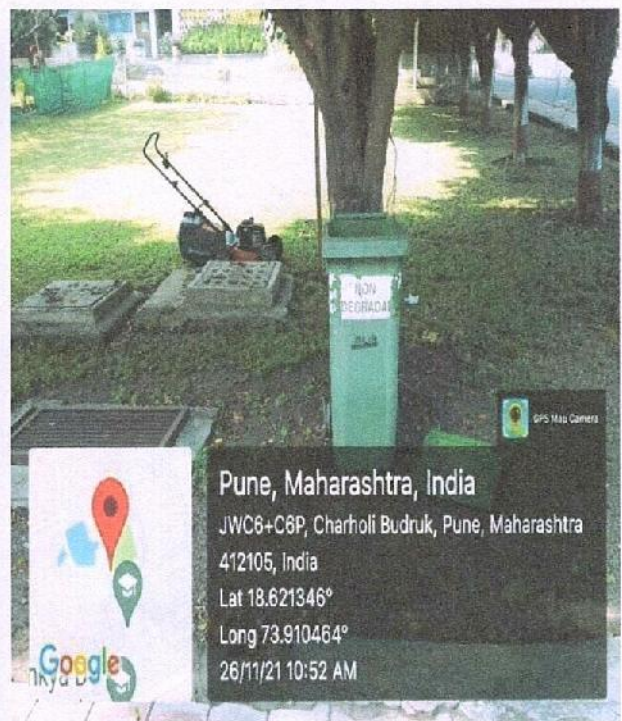
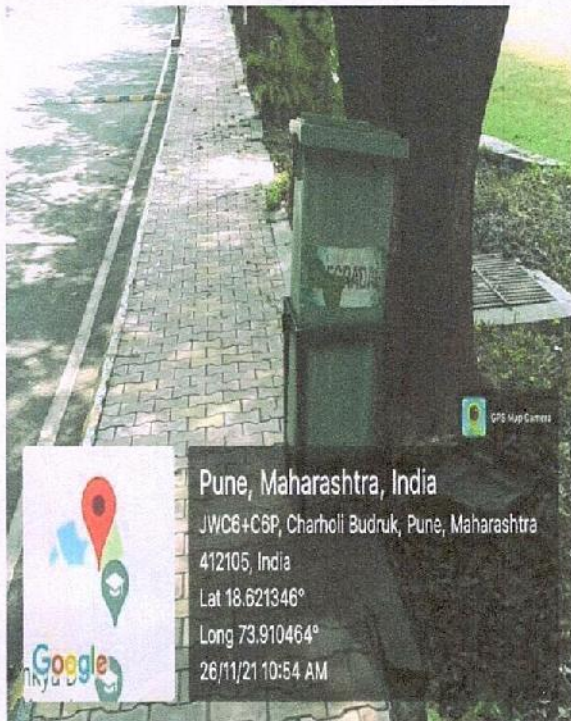


**Bio-Gas is used in Cylinders used for cooking purpose**

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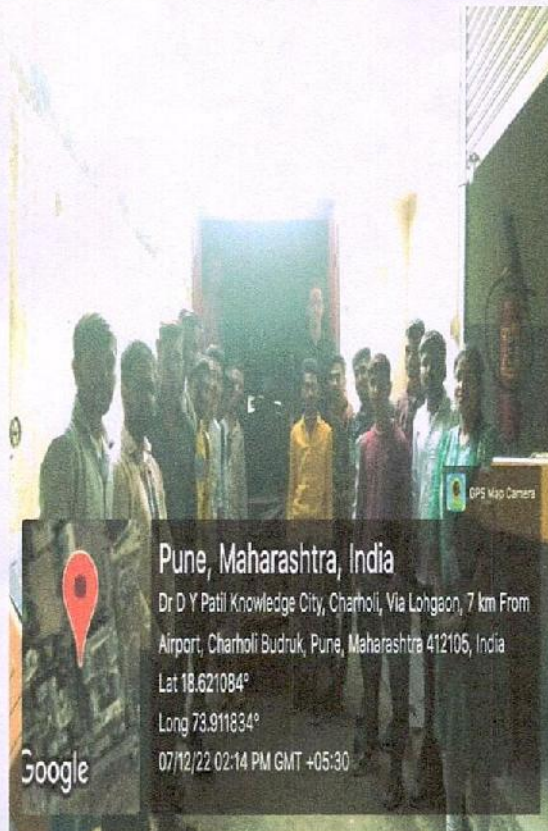
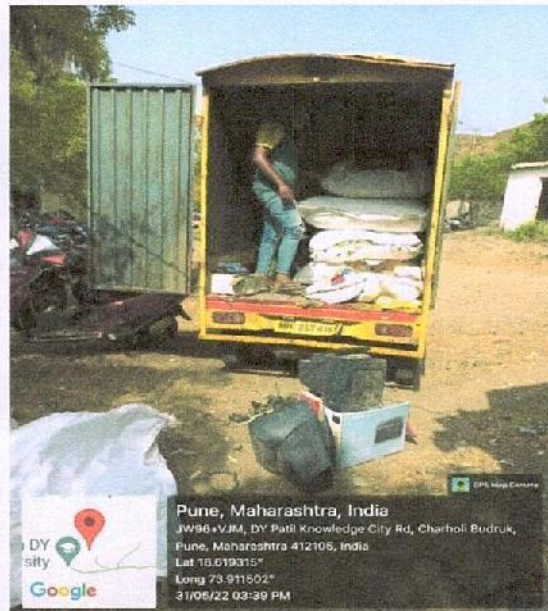
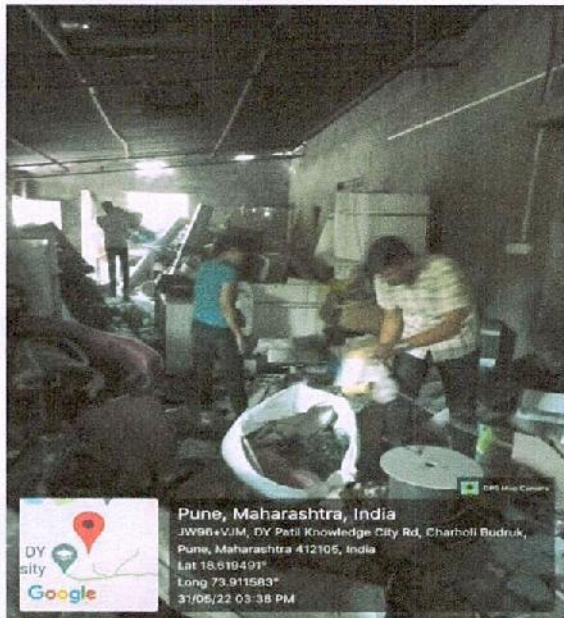


**Dustbins for collection of Degradable & Non Degradable Waste**


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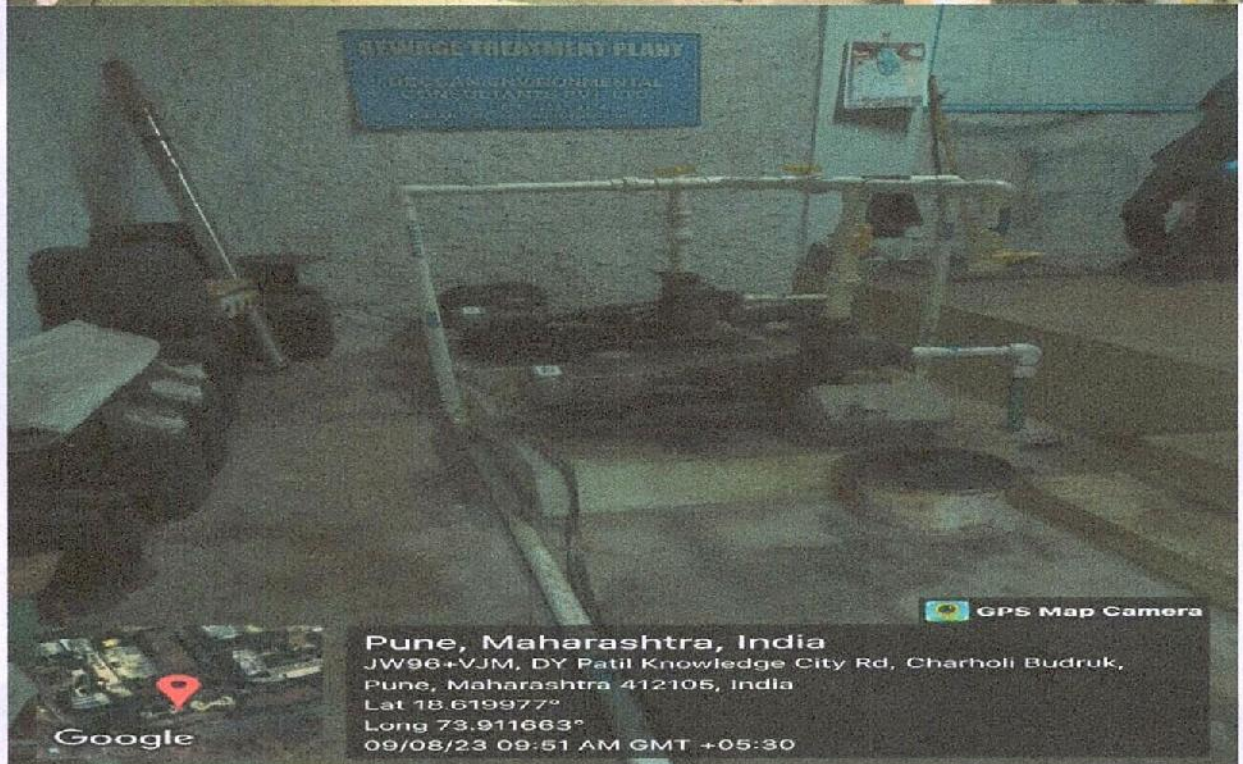
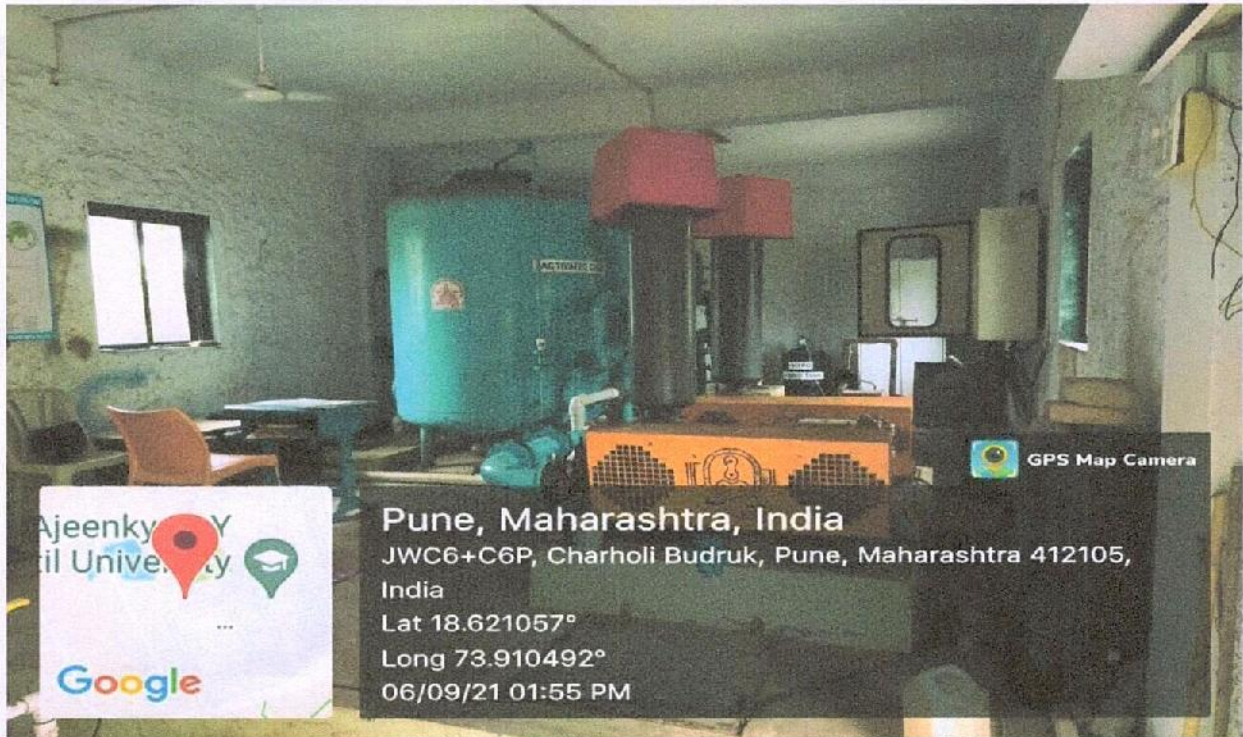


**Non Degradable E-Waste & Plastic Waste Collection by External Agency**


  
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Sewage Treatment Plant for Liquid Waste Management

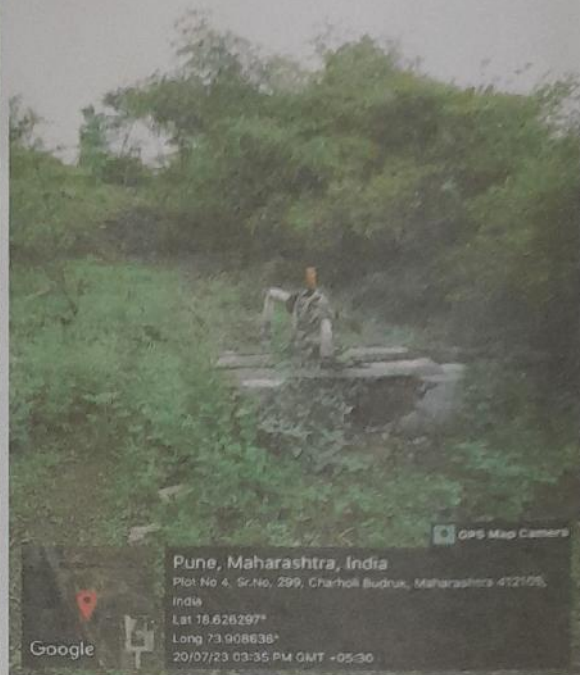
  
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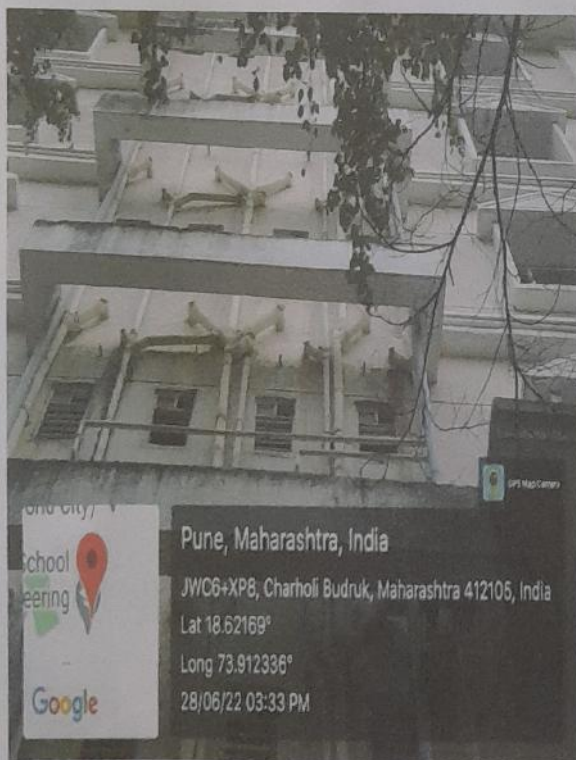
Geo tagged Photos

Water Conservation





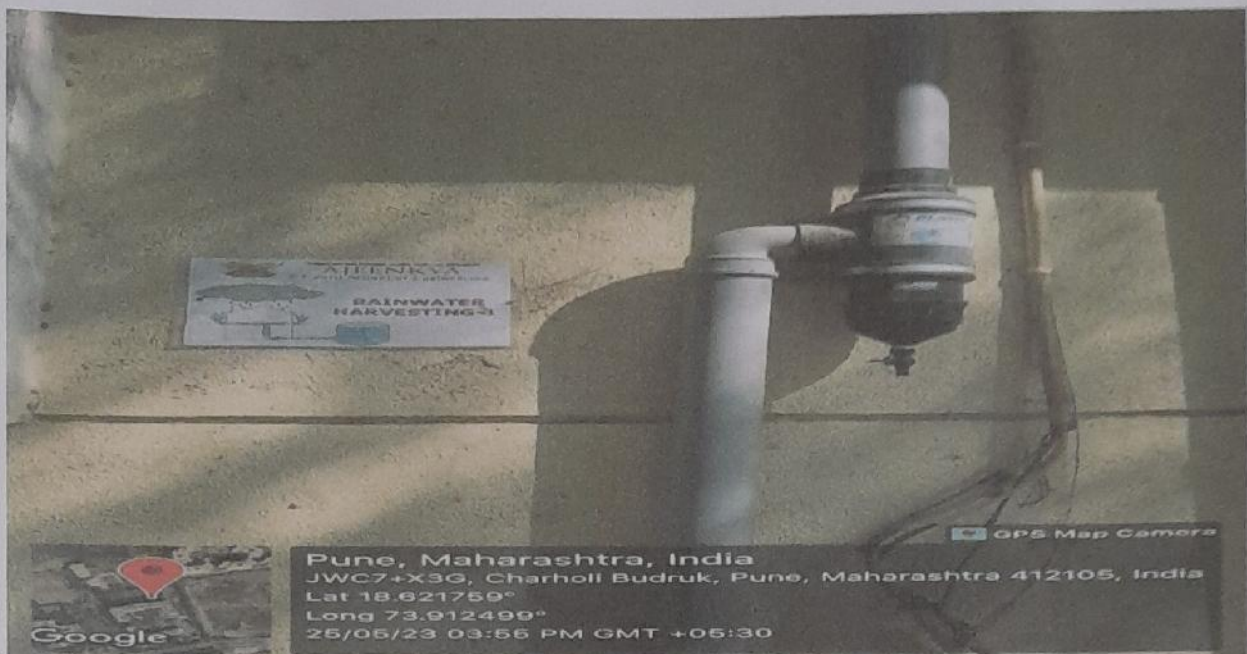
**Bore wells are Located in the Vicinity of Campus**



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**Roof Rainwater Harvesting System to Recharge Ground Water Table**



**Use of STP Treated Water for Gardening Purpose**

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**Ground Water Storage Tanks used for Supply of Water for Gardening Purpose**

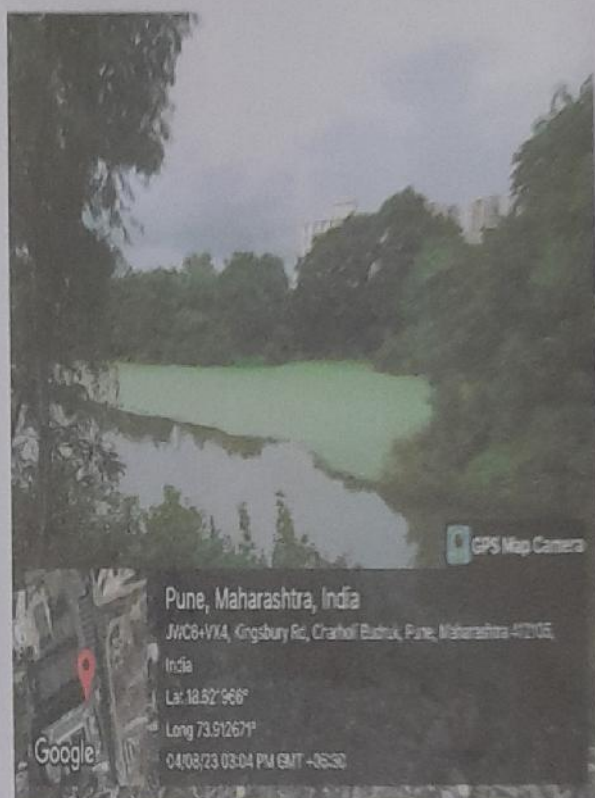


**Under Ground Water Storage Tank used for supply of Water to Overhead Water Tanks**

  
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Lake Water is suited in the vicinity of campus



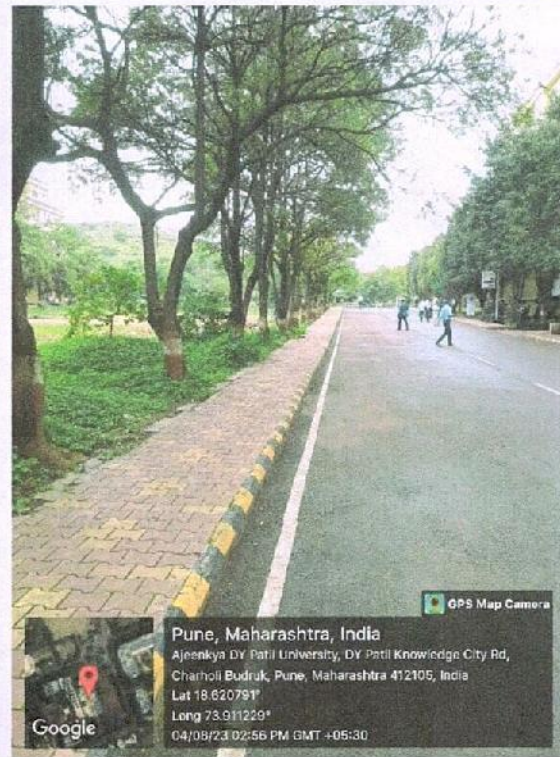
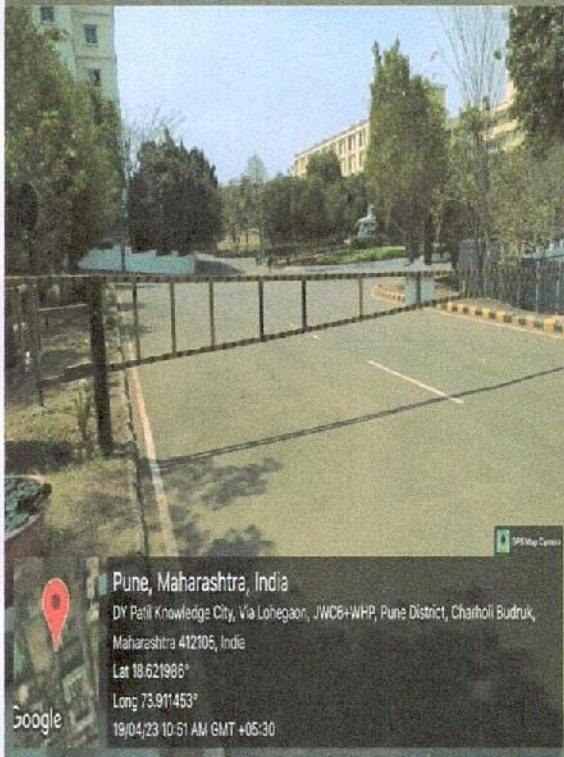
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# Geo tagged Photos

Green campus initiatives

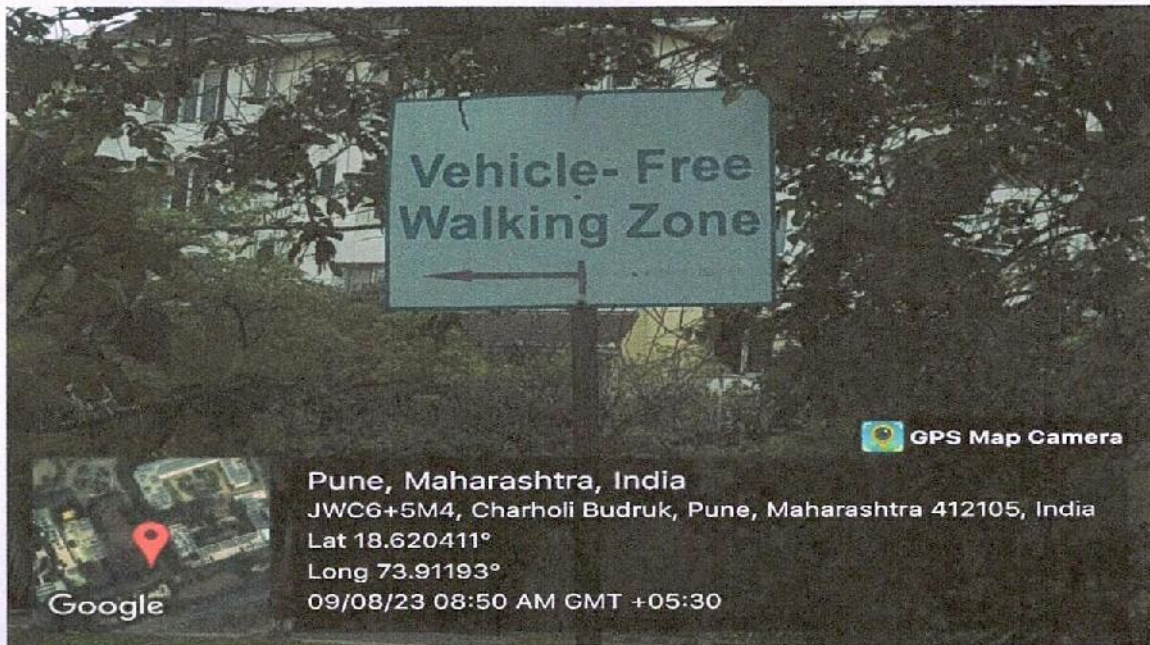


**Road is restricted for Entry of Automobiles**

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Vechile Free Walking Zone



Use of Battery Power Vehicle

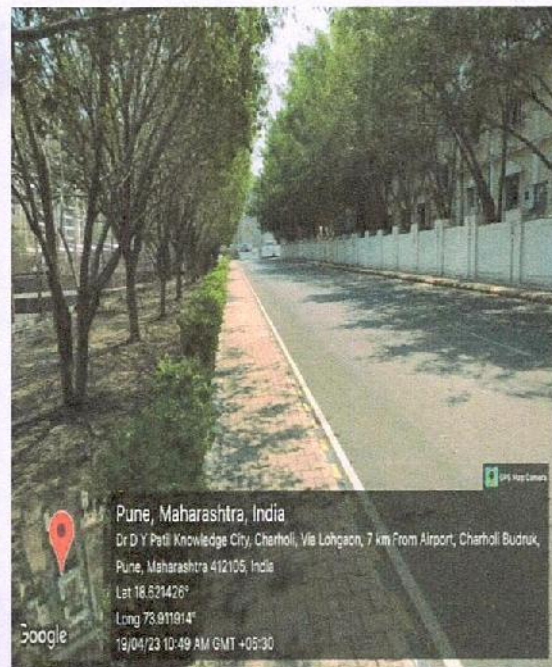
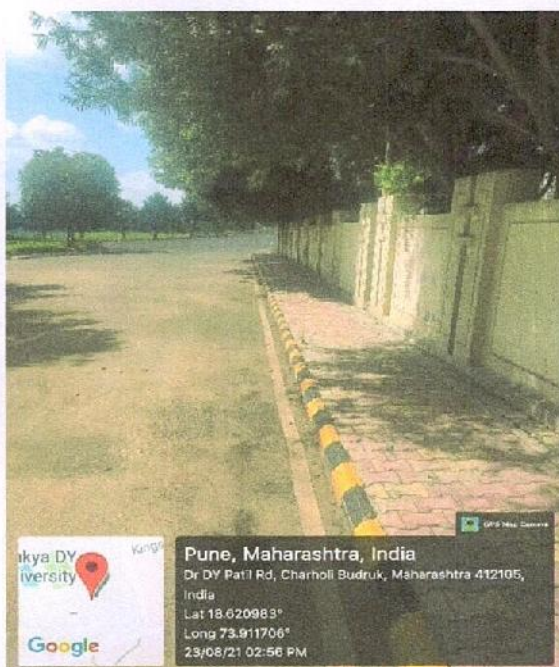
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**Electric Vehicle Charging Station**

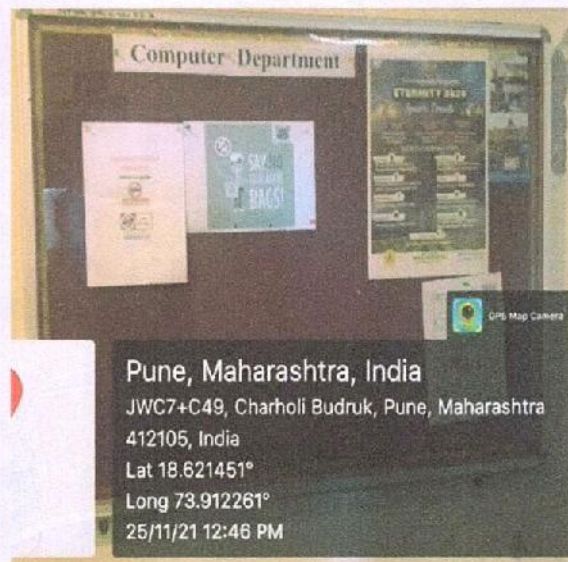


**Pedestrian Friendly Pathways**

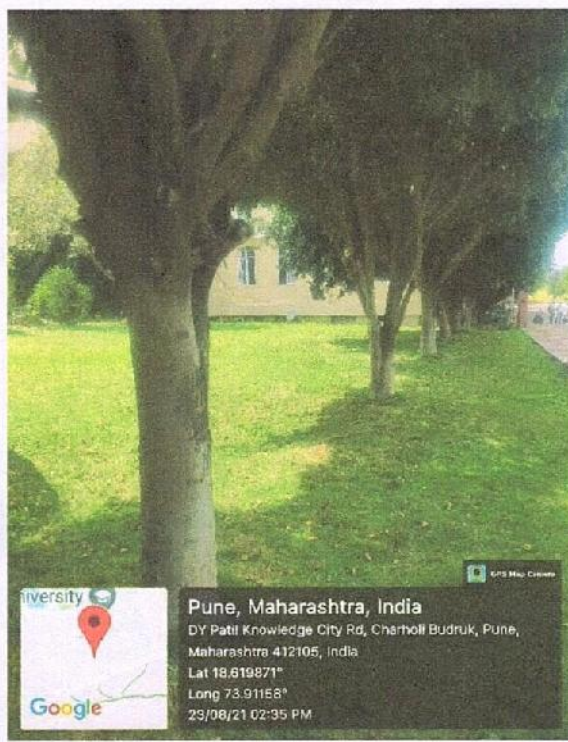
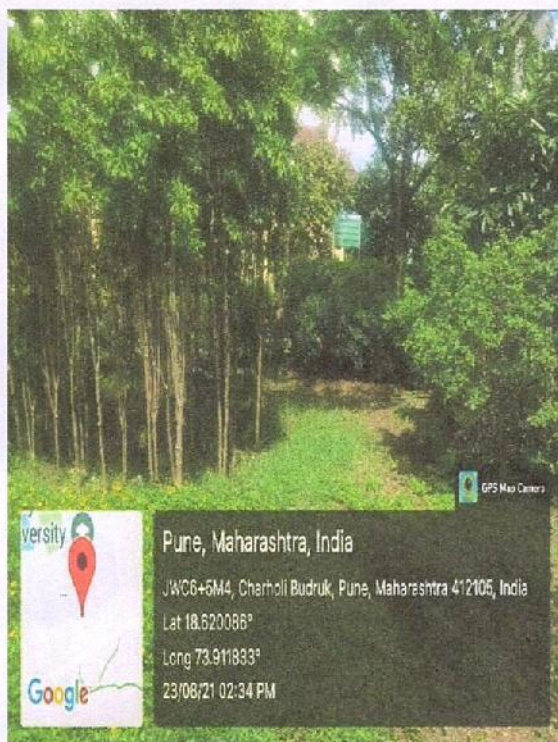
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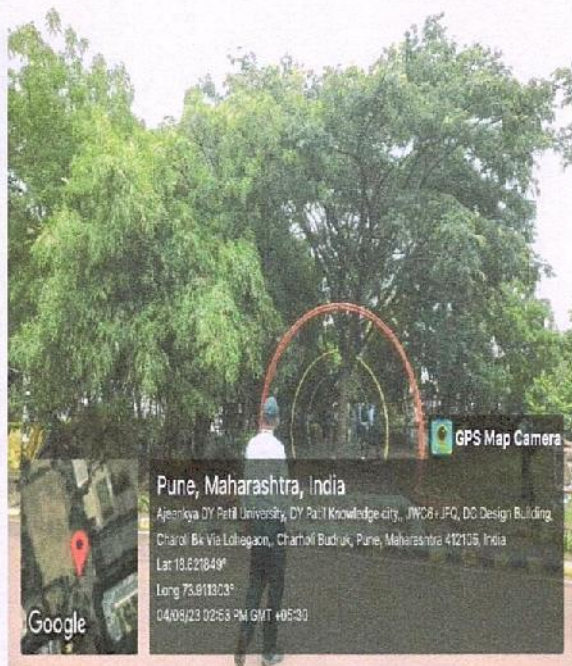
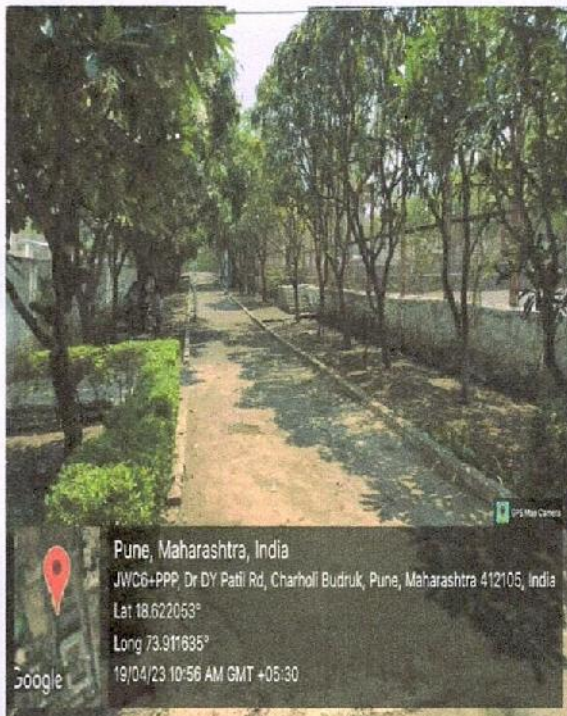
Use of Plastic Ban Policy



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Landscaping with Trees and Plants

*(Signature)*

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## Geo tagged Photos

Disabled-friendly, barrier free environment





**Ramp at Main Entrance of School of Engineering Building**

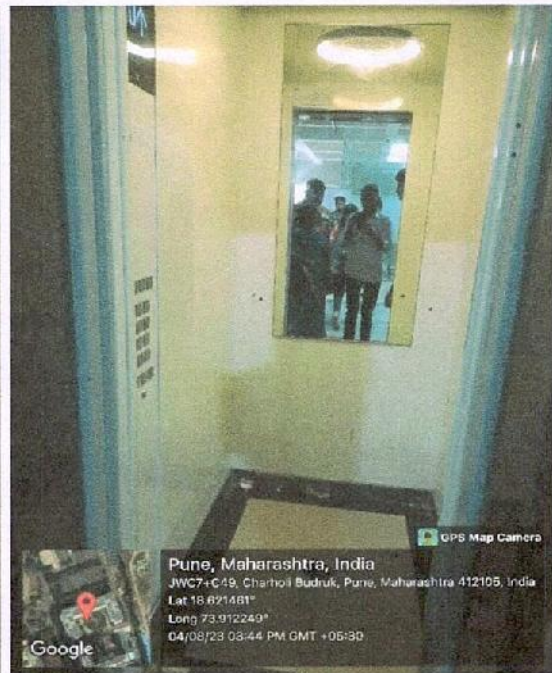


**Hand Rail is available at the entrance**

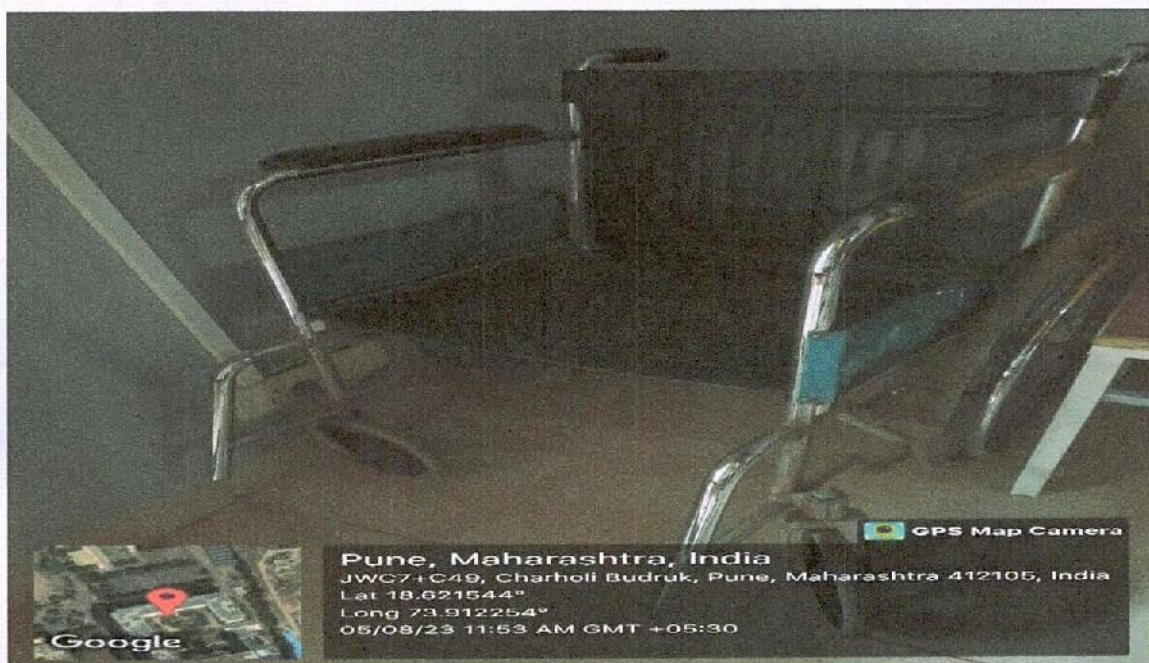


  
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 Engineering, Lohegaon, Pune






Availability of Lift

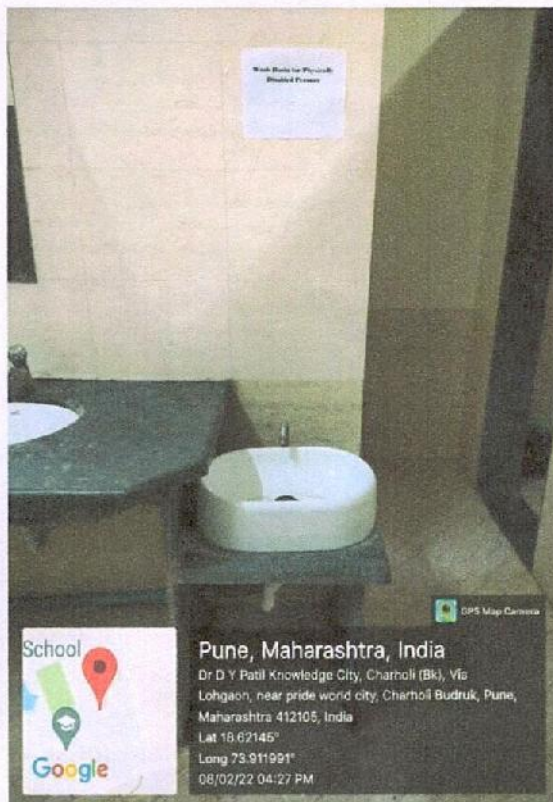


Wheel Chair Assistant for Physically Disabled Persons

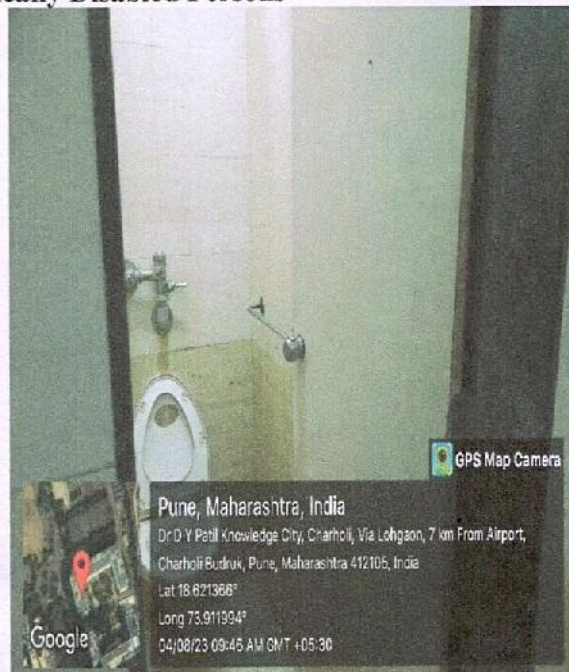
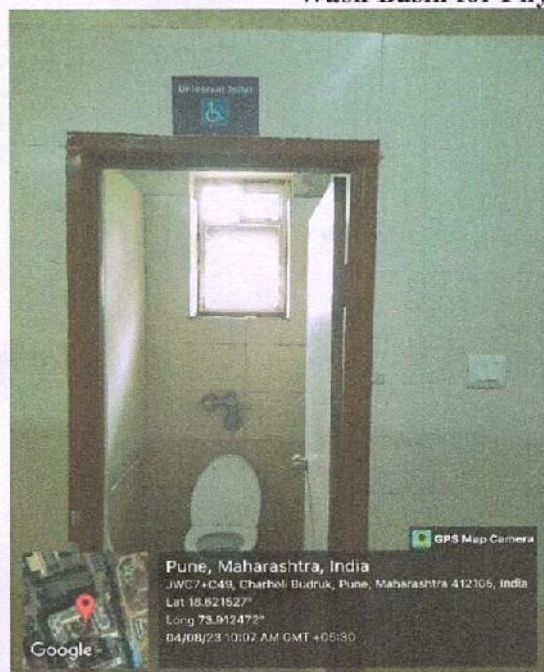
  
**PRINCIPAL**  
**ADYPSOE, PUNE**








**Wash Basin for Physically Disabled Persons**



**Wash Room Facility for Physically Challenged Persons**

  
**PRINCIPAL**  
**ADYPSOE, PUNE**



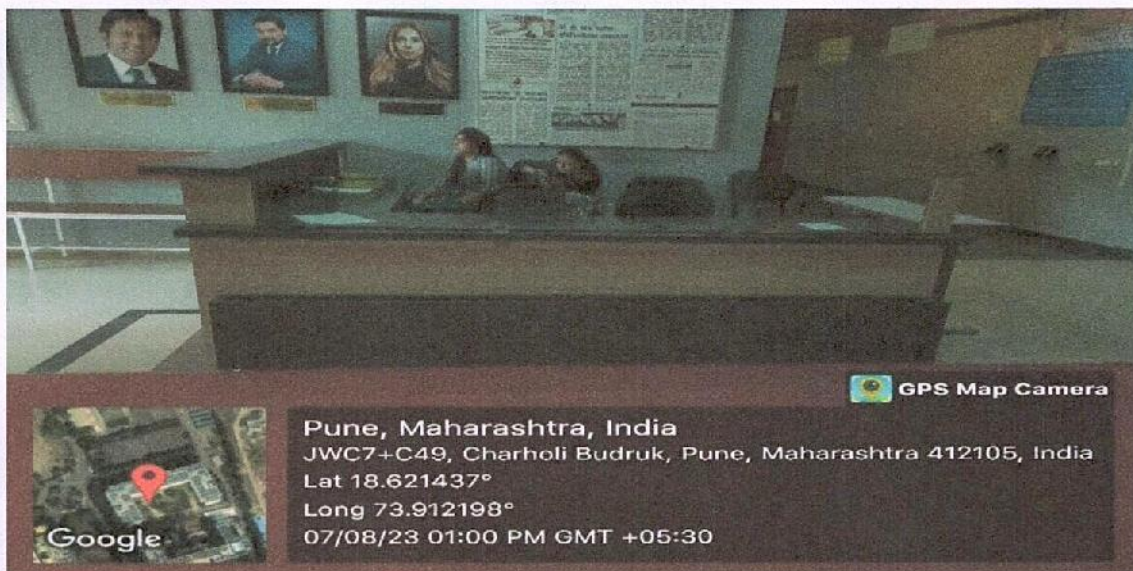




Signage Board of Universal Toilet



Signage Board of Parking Facility

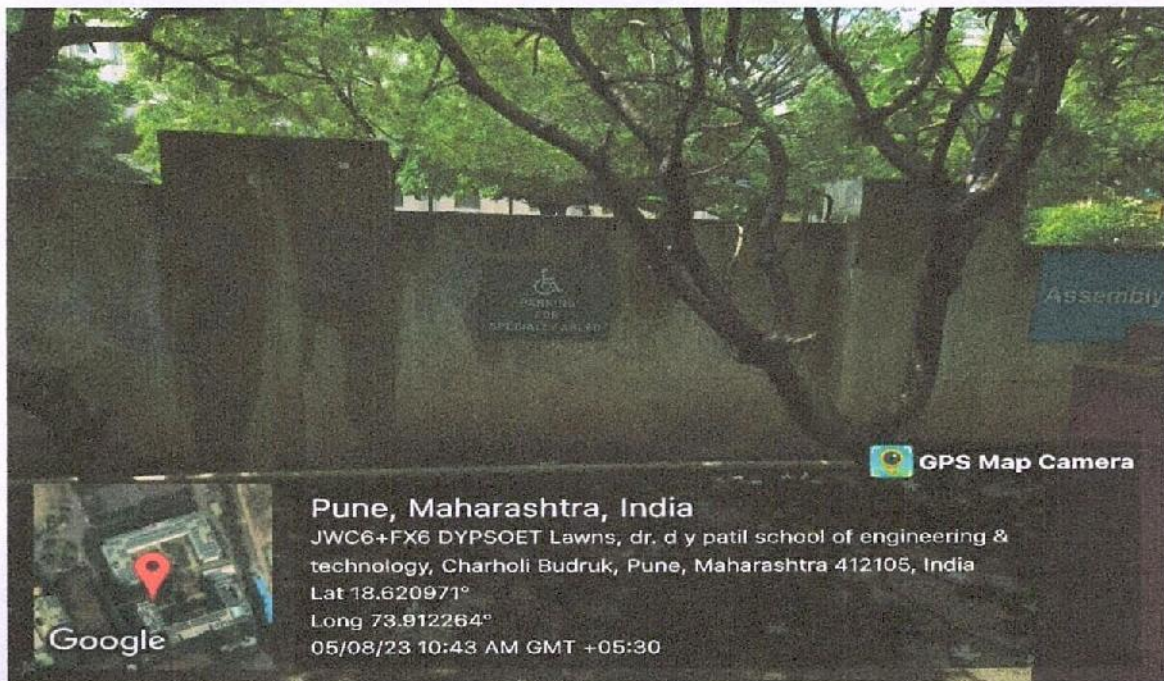


Help Desk



  
**PRINCIPAL**  
**ADYPSOE, PUNE**





**Parking Facility for Physically Disabled Persons**



*(Signature)*  
**PRINCIPAL**  
**ADYPSOE, PUNE**



# Bills

Alternate sources of energy and energy  
conservation measures



(#27)

TM

In time 4:00



# Ganesha Roadlines



Every Time

E-Way Bill/NO- 681151 29/05/19

CONTIN STXU 503741

## DEMURRAGE CHARGES

chargeable after

charge

Name and Address Mundra

Ltd.

Mundra

GSTIN:

Bank's Name

Ltd. Renew

Wingd Energy / C/o Mx Padil kmo

edhe city

Consignor

Description

ed

IP

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Cont

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ate-2

DO NO 8100711633

PRINCIPAL  
ADYPSOE, PUNE



754/NO-110000

*[Signature]*



COMMERCIAL INVOICE

PRINCIPAL  
ADYPSOE, PUNE





adan

CONSIGNOR	Mu	INVOICE	PAN: VAT CST	Da DRAWN YES
	Village:  Gujarat-India ADANI			
RENEW 15T		Purchase		
RENEW 138,		GSTIN STA		
MUN SURV VILLA DIST:		C/D LO		
		Country IN		

Place						
Type	Packaging: reboard (C/B)	/ Wooden Pallets				
				Wt. (Kg.)		
	AS					
	3373301	2023x1145x1028	677.00	621.00	27	
	3373301	2023x1145x1028	.00	621.0		
		2023x1145x1028	677.00		27	
	3373301	2023x1145x1028		.00		
		2023x11	677.00	621.00		
		2023x1145x1	677.00	621.00		
	3373301671	2023x1145x1028		621.00		
		2023x1 45x1028	0	621.0	27	
	33733	2023x1145x1028		621.00		
19	671	2 45x10		62		
		2023x1145x1028	.00	62		
2	3373301671	23x11 028	677.00	621.00	27	
	3373301	2023x1 45	677.0	621.00		
		023x11 5x102				
				1346		

Declaration:  
We  
described

SOLAR PV LIMITED

Signatory

PRINCIPAL  
ADYPSOE, PUNE





**BLACKT ELECTROTECH**

PLOT NO 33, MAHADEO NAGAR,  
AKOLI ROAD,  
AMRAVATI Maharashtra 444605  
India  
GSTIN 27BWNPD2719K1ZA

# Tax Invoice

# BT8470

Balance Due  
**Rs.0.00**

**Bill To**

**Ajeenkya DY Patil School of Engineering**  
Lohegaon,  
Pune, MH 412105

Invoice Date : 20/03/2023

Terms : Advance

Due Date : 20/03/2023

**Ship To**

Lohegaon,  
Pune, MH 412105

Place Of Supply: Maharashtra (27)

#	Item & Description	HSN/SAC	Qty	Rate	CGST	SGST	Amount
1	Photosensitive PIR Device Ceiling type : (BT31C)	903180	5.00	320.00	144.00 9%	144.00 9%	1,600.00
2	Microwave Device round type new: (BT31MT)	903180	5.00	500.00	225.00 9%	225.00 9%	2,500.00
Sub Total							4,100.00
CGST (9%)							369.00
SGST (9%)							369.00
Total							<b>Rs.4,838.00</b>
Payment Made							(-) 4,838.00
Balance Due							<b>Rs.0.00</b>

**Notes**

Looking forward for your business.

**Terms & Conditions****Terms & Conditions**

1. Payment term 100% advance.
2. Rates based on current USD.
3. Client is responsible for GST details, company will not be responsible if any problem comes; please check.

**PRINCIPAL**  
**ADYPSOE, PUNE**







Sr.no.63A Janardhan Nagar Wadgaon Shinde Road,Lohegaon, Pune.411047.Email ; rudraenterprises223@gmail.com

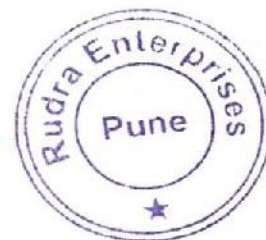
**To M/s : Ajeenkya D Y Patil University Lohegaon.**

## Invoice /Report

[illegible]

Total

14500



PRINCIPAL  
ADYPSOE, PUNE



# Bills

Management of the various types of  
degradable and non-degradable waste





Dr D Y PATIL GROUP

**Dr D Y PATIL EDUCATIONAL ENTERPRISES CHARITABLE TRUST**

**WORK ORDER**

Work Order Number : DYPEECT/19/22-23 Date: 31/01/2023  
Reference : Your Quotation on dated 16/12/2022  
Subject : Work Order for AMC of Sewage Treatment Plant.

To,  
Deccan Environmental Consultants PVT.LTD.  
5, Prasad Apts., 43/14, Erandwana,  
Indian Overseas Bank, Nal Stop,  
Pune - 411 004.  
Contact: (020) 2543 3174.

Dear Sir,  
With reference to your Quotation and subsequent discussions with you, we hereby place the Work Order for AMC of Sewage Treatment Plant.(01/02/2023 to 31/01/2024) the details of work order are as follows.

Sr No	Description	Qty.	Rate/Unit	Rate for PA
1	Annual maintenance for sewage treatment plant.	-	-	66,000.00
	Total Amount			66,000.00
	GST @ 18%			11,880.00
	Total Cost			77,880.00

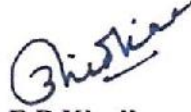
**Total Amount: - Seventy Seven Thousand Eight Hundred Eighty Rs Only**

**Terms & Condition: - As per Approved Quotation.**

**For Dr.D.Y.Patil Educational Enterprises Charitable Trust's**

  
**Radha Mandolikar**  
Chief Accountant

**Taruna Maheshwari**  
Chief Finance Officer

  
**Dr E.B.Khedkar**  
Vice President



  
**PRINCIPAL**  
**ADYPSOE, PUNE**

Dr D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412 105  
[Mumbai Public Trust Registration No. E 4229 Pune : 07.03.2005]  
Phone (020) 3061 2700 • Fax (020) 3061 2718





# DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

AN ISO 9001:2008 CERTIFIED COMPANY

Godown : Sr. No. 101, Ambegaon Khurd,  
Tal. Haveli, Dist. Pune - 411 046.  
INDIA  
Email : deccanenviro@gmail.com

DECPL/SERVICES/D.Y.PATIL-LOHEGAON-STP-AMC/22-23  
16<sup>th</sup> December' 2022

D. Y. PATIL Knowledge City,  
Lohegaon,  
Pune

Kind Attn.: Prof. Sanjay Karodpati

Dear Sir,

Subject: Annual Maintenance Offer for Sewage Treatment Plant.

We are pleased to submit our best offer for Annual Maintenance Contract with following terms:

## SCOPE OF WORK:

DECPL will maintain the STP and contract will include following works:

1. Monthly one visit, for checking status of Process and Equipment's.
2. Providing preventive (minor) maintenance to equipment's installed. (Refer ANNEXURE - I)
3. Providing one monthly analysis of treated wastewater sample of STP for parameters like pH, COD, BOD, TSS, Oil and Grease.
4. Providing lubricants like Oil and Grease for lubrication of mechanical equipment's.

## TERMS & CONDITIONS:

1. Client will operate the STP as per Operation and Maintenance Manual provided and will provide Water, Power and Chemicals as required for Operation and Maintenance.
2. Client will provide Major maintenance (Refer ANNEXURE - II) / Spares of equipment's as and when required.

## TERMS OF PAYMENT:

1. 50 % of Annual Maintenance charges to be paid as an advance.
2. Balance to be paid with all taxes after completion of first 6 months services.

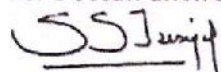
## PROFESSIONAL CHARGES:

For above Scope of work our charges will be Rs. 66,000/- (Rupees Sixty Six Thousand only) per annum.

Above price is excluding GST which will extra @ 18% to Clients account. Any variations in taxes and duties will be to Clients account.

Yours Truly

For Deccan Environmental Consultants Pvt. Ltd.,



Sanjay S. Javanjal  
Encl.: As Above

[www.deccanenviro.net](http://www.deccanenviro.net)

PRINCIPAL

ADYPSOE PUNE



ISO 9001:2008



Regd. Office :- 5, Prasad Apts., 43/14, Erandwana, Behind Indian Overseas Bank,  
Nal Stop, Pune 411 004. INDIA Tel. : (020) 2543 3174 Fax.: (020) 2545 3174  
Regional Office :- 221, Jai Commercial Complex, Cadbury Chowk, Khopat, Thane (W) 400 601.  
:- D-6, Pragathi Apartments, No. 19, Lock Street, Kottur, Chennai - 600 085.  
:- B-304, Geetanjali Apartments, 72, Vikasmarg Extn., Karkardooma, Delhi - 110 092.



**ANNEXURE – I: PREVENTIVE MAINTENANCE (DECPL SCOPE)**

Sr. No.	Equipment	Maintenance
1.	Feed Pump	1. Clearing Choke within pump. 2. Clearing Choke on Suction / Discharge end. 3. Checking & maintaining motor fan alignment & pump gland. 4. Checking flow rate as per design.
2.	Sludge Pump	1. Clearing Choke within pump. 2. Clearing Choke on Suction / Discharge end. 3. Checking & maintaining motor fan alignment & pump gland. 4. Gland packing rope tightening / replacing.
3.	Filter Feed Pump	1. Clearing Choke within pump. 2. Clearing Choke on Suction / Discharge end. 3. Checking flow rate as per design. 4. Gland packing rope tightening / replacing.
4.	Air blower	1. Oil top up OR change as per condition. 2. Checking and maintaining Air blower & motor alignment. 3. Cleaning of Suction filter. 4. Maintaining Safety Valve setting.
5.	Pressure Sand Filter	Lubrication of valves.
6.	Activated Carbon Filter	Lubrication of valves.
7.	Electrical Control Panel	Checking and ensuring electrical connections in the Panel.



  
**PRINCIPAL  
ADYPSOE, PUNE**



**ANNEXURE - II: MAJOR MAINTENANCE (CLIENT SCOPE)**

Sr. No.	Equipment	Maintenance
1.	Feed Pump	<ol style="list-style-type: none"> <li>1. Failure of pump due to any unwanted material / untoward incident causing shaft / impeller / any other part replacement.</li> <li>2. Failure of motor due to electrical fluctuation / faulty Power Supply.</li> <li>3. Replacement due to normal wear and tear of Bearings, Mechanical seal, etc.</li> <li>4. Any damages beyond manufacturer's warranty.</li> </ol>
2.	Sludge Pump	<ol style="list-style-type: none"> <li>1. Failure of pump due to any unwanted material / untoward incident causing shaft / impeller / any other part replacement.</li> <li>2. Failure of motor due to electrical fluctuation / faulty Power Supply.</li> <li>3. Replacement due to normal wear and tear of Bearings, Mechanical seal, etc.</li> <li>4. Any damages beyond manufacturer's warranty.</li> </ol>
3.	Filter Feed Pump	<ol style="list-style-type: none"> <li>1. Failure of pump due to any unwanted material / untoward incident causing shaft / impeller / any other part replacement.</li> <li>2. Failure of motor due to electrical fluctuation / faulty Power Supply.</li> <li>3. Replacement due to normal wear and tear of Bearings, Mechanical seal, etc.</li> <li>4. Any damages beyond manufacturer's warranty.</li> </ol>
4.	Air blower	<ol style="list-style-type: none"> <li>1. Failure of blower due to any unwanted material / untoward incident causing shaft, lobes, gears or any other Part replacement.</li> <li>2. Failure of motor due to electrical fluctuation / faulty Power Supply.</li> <li>3. Replacement due to normal wear and tear of Fan belts, Bearings, Oil seal, etc.</li> <li>4. Any damages beyond manufacturer's warranty.</li> </ol>
5.	Pressure Sand Filter	Replacement of Valves / Media.
6.	Activated Carbon Filter	Replacement of Valves / Media.
7.	Electrical Control Panel	Any switchgear components getting burned due to electrical Fluctuation / quality of Power supply.

**PRINCIPAL  
ADYPSOE, PUNE**





# Bills

Water conservation





Dr D Y PATIL EDUCATIONAL ENTERPRISES CHARITABLE TRUST  
DR D Y PATIL GROUP OF INSTITUTIONS  
DR D Y PATIL TECHNICAL CAMPUS

**WORK ORDER**

Work Order Number : ADYPKC/DYPTC/STORE/WO/21-22/ 320  
Reference : Your Quotation on Dated 13<sup>th</sup> April 2022  
SUBJECT : WORK ORDER FOR RAIN WATER HARVESTING WORK

Date: 18/04/2022

To,  
Pro Tech Waterproofing Solutions  
C.B.House, P No 5, 67/1B/24/1, Vidya Nagar  
Dhanori, Pune 411032

Dear Sir,

With reference to your Quotation and subsequent discussions with you, we hereby place the **WORK ORDER FOR RAIN WATER HARVESTING WORK**. The details of work are as follows:-

Sr No	Work Description	Area/Unit	Rate Per Sq.Ft	Total
1	Provision and fixing of 100 mm PVC pipe(down take pipe- Prince, Ajay make or equivalent) from terrace, 100 meter length, 4kg/cm2 as per relevant IS Specifications. Pipe rate	100	Meter	32000.
2	Providing specials like T, sockets and elbow etc with solutions	-	-	5000.
3	Provision and fixing of Online filters onto vertical down take pipes. Filter rate.	4	Per Nos	26000.
4	Fitting Charges	job		24000.
5	Filling the voids of existing opening after pipe fitting.	job		4000.
6	Excavation for collection of rain water. Size (L*B*H) be specified by engineer incharge	job		2500.
Total :-				93500.
Total Amount :-				110330.

Amount in Words : One Lac Teen Thousand Three Hundred Thirty Rupees Only

Payment: 50% Advance with WO balance after complete work

Prepared By

Sachin Rasal  
Store Incharge

Dr. Kamaljeet Kaur Siddhu  
Director

For Dr. D. Y. Patil Educational Enterprises Charitable Trust's  
ADYPSOE, PUNE

Dr. E. B. Khedkar  
Vice President



Sushant V Patil  
Dr. Sushant Patil  
Advisor ADYPKC Trust's



# Bills

Disabled-friendly, barrier free  
environment





"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

**AJEENKYA**  
**DY PATIL SCHOOL OF ENGINEERING**  
(Formerly known as DY Patil School of Engineering)

AICTE ID: 13067411  
AISHE Code: C-46648  
DTE Code: EN6732  
SPPU PUN Code: CEGP015720

(Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)  
(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

**PURCHASE ORDER**

Work Order Number : ADYPKC/ADYPSOE/PO/23-24/111  
Reference : Your Quotation on Dated 20<sup>th</sup> March 2023  
SUBJECT : **PURCHASE ORDER FOR WHEEL CHAIR & STRETCHER**

Date: 20/03/2023

To  
Prime Surgical & Pharma  
Shop No. 10, Durgam Chaudhary Road,  
Chinchwad Station, Pune-411019


Contact: +91 9623447103


Dear Sir,  
With reference to your Quotation and subsequent discussions with you, we hereby place the **PURCHASE ORDER FOR WHEEL CHAIR & STRETCHER**

Sr. no	Particulars	Qty	Rate	Amount Rs.
1	Foldable Wheel Chair	1	4553.00	4553.00
2	Stretcher	1	1085.00	1085.00
<b>Total: -</b>				<b>5638.00</b>
GST 5% (4553): -				227.65
GST 18% (1085): -				195.30
<b>Total Amount: -</b>				<b>6061.00</b>

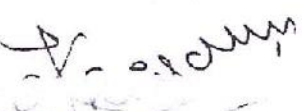
Amount in words: Six Thousand Sixty-One Rupees Only.

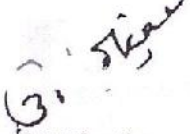
- Payment : 100% Advance with Purchase Order

  
Sachin Rasal  
Store Incharge


  
Dr E.B. Sayyad  
Principal

For Dr.D.Y.Patil Educational Enterprises Charitable Trust's

  
Dr. Kamaljeet Kaur Siddhu  
Director

  
Dr. E.B. Khedkar  
Vice President



**PRINCIPAL**  
**ADYPSOE, PUNE**  
  
Dr. Sushant Patil  
Trustee ADYPSOE

Dr Ajeenkya DY Patil Knowledge City, Charholi (Bk), Via - Lohgaon, Pune-412 105  
Ph: (020) 35037922 21 • Email: principal\_dypsoc@adypic.in • Website: www.dypsoc.in





# S.P. BURDE

## CIVIL CONTRACTOR

Add: Mali Peth, Burde Vasti charoli pune -412105

PH: 8668820181 / 9822849487

Ref:

Date: 4<sup>th</sup> Jan 2018.

To,  
Dr. D.Y. Patil Knowledge City,  
Chazoli Bk Via. Lohegaon,  
Pune- 412105.

(24)

Subject- Bill About Handicap Ramp Making  
In Engineering College.

Sr. No.	DESCRIPTION	UNIT	RATE	Qty	AMOUNT
1.	Brickwork with plaster	Sq Ft	139	39	5421.00
2.	Backfilling with murrum inside the brickwork	Cum	82	2	164.00
3.	P.C.C. of M20 Grade with all material & labour	Cum	1	8750	8750.00
4.	Placing Antiskid Granite. for Flooring work	Sqft	235	142	33370.00
5.	Making Hand-Rail with S.S. material	Rft	930	28'3"	26272.50
6.	S.S. Pipe fitted to the wall & removal	Rft	370	11'11"	4403.00
Total Amount =					73,380.00

Confing  
work  
and  
satisfactory  
order  
31/1/2018

In Words - Seventy Three Thousand And Three Hundred  
And Eighty Rupees Only.

Store Incharge  
Dr. D. Y. Patil Technical Campus



Director  
Dr. D. Y. Patil Technical Campus  
Lohegaon, Pune

PRINCIPAL  
ADYPSOE, PUNE





**Dr. D. Y. PATIL GROUP**

Dr. D. Y. Patil Educational Enterprises Charitable Trust's

Dr. D. Y. PATIL TECHNICAL CAMPUS

**Dr. D. Y. PATIL SCHOOL OF ENGINEERING**

**WORK ORDER**

Work Order Number : ADYPKC/SOE/STORE/WO/17-18/ 336  
Reference : Your Quotation on dated 22<sup>nd</sup> September 2017  
SUBJECT : **WORK ORDER FOR MAKING HANDICAP RAMP**

Date: 29/09/2017

To,  
S.P.Burde  
Mail peth, Burde Vasti, Charoli  
Pune-412 105  
Contact: 8668820161 / 9822849487

Dear Sir,  
With reference to your Quotation and subsequent discussions with you, we hereby place the **WORK ORDER FOR MAKING HANDICAP RAMP**. The details of work are as follows:-

Sr no	Description	Unit	Qty.	Rate	Amount
1	Brickwork with plaster in ramp making with all material And labors	Sq.Ft	39	139.00	5421.00
2	Backfilling inside the ramp & compacting with proper Material	Cubic Meter	2	82.00	164.00
3	P.C.C of M20 grade compacted material for ramp	Cubic Meter	1	3750.00	3750.00
4	Placing antiskid granite for ramp flooring	Sq.Ft	130	235.00	30550.00
5	Making hand rails with newels on both sides of ramp in S.S Material ( Grade 304 ) as directed by maintenance Incharge	RFT	24	930.00	22320.00
Total :-					62205.00
Discount :-					2205.00
Total Discounted Amount :-					60000.00

- Terms & Conditions :
  - 1) Taxes : Included
  - 2) Payment : 50% with work order and balance after completion of work

Dr.S.S.Sonavane  
Director - TC

For Dr.D.Y.Patil Educational Enterprises Charitable Trust's

Radha Mandolikar  
Chief Accountant

Ajay Lall  
Administrative Officer

Dr Nilesh Vishwanath

Vivek Gode  
CFO ADYPU

Taruna Maheshwari  
Chief Finance Officer

Dr. D. Y. Patil Knowledge City, Charholi Bk. Via Lohegaon, Pune 412 105  
Phone (020) 6707 7922 / 921 • Fax (020) 6707 7718 • E Mail : director\_dypte@dypic.in



# MEASUREMENT SHEET

PAGE:   
 DATE:

Work Done - Constructing Handicap Ramp In Engineering college.

Sr. No.	DESCRIPTION	Nos	Length (L)	Width (d)	Depth (h)	Quantity (Q)
1.	P.C.C. of M20 Grade	1	8'5"	3'1"	3'	0.30 m <sup>3</sup>
	- P.C.C. for Landing	1	3'4"	4'11"	3"	0.18 Cum
	- P.C.C. for second slope	1	3'10"	4'11"	3"	0.20 Cum
	-					
	Total P.C.C. =					0.683 Cum
	- P.C.C. at back of workshop	1	5'	3'3"	2"	0.1 Cum
2.	Placing Antiskid Granite					
	- A) For 1st slope	1	8'5"	-	-	8'5" Rft
	- B) For Landing	1	3'4"	4'11"	-	26.22 Sqft
	- C) For second slope	1	3'10"	-	-	5'10" Rft
	- D) 1st slope top side path	2	10'11"	-	-	21'10" Rft
	- E) 2nd slope Top side path	4	5'5"	-	-	21'8" Rft
	- F) Landing Top side path	3	5'3"	-	-	15'9" Rft
	- G) Side vertical piece	1	6'2"	-	10"	5.13 Sqft
	- H) Front vertical sloping piece	1	10'11"	-	1'10"	20.01 Sqft
	- I) Garden carriage vertical piece	1	8'	-	1'3"	10 Sqft
	- J) vertical piece	1	1'10"	-	9"	1.37 Sqft
	- K) Starting (ramp) piece	1	2'2"	1'11"	-	4.15 Sqft
	- L) Ramp end vertical piece	2	10"	-	5"	1 Sqft.
	Total Granite =					141.98 Sqft
3.	S.S. Hand Rail -	1	28'3"	-	-	28'3" Rft
	- S.S. Hand Rail pipe	1	11'11"	-	-	11'11" Rft
	- fitted to wall					

Note - Rate of placing granite is same for 1 Sqft & 1 Rft.



PRINCIPAL  
POOJYSOE, PUNE



56

**KONE Elevator India Private Ltd**  
4th Floor, Anand Square, H.No.1+2, Opposite  
Symbiosis college, 2, Sakore Nagar,  
Vimannagar  
Pune-411014.  
MAHARASHTRA  
Phone-020-25288882



# TAX INVOICE

GST No : 27AAACK2567P1Z1  
CIN : U29141TN1984FTC010913

## BILLING ADDRESS

M/s DR DY PATIL SCHOOL OF ENGINEERING  
DR. DY PATIL KNOWLEDGE CITY  
CHARHOLI(BK)  
PUNE-412105  
MAHARASHTRA  
PHONE-918511911289  
GSTIN/Unique ID:

## CUSTOMER NAME & ADDRESS

M/s DR DY PATIL SCHOOL OF ENGINEERING  
DR. DY PATIL KNOWLEDGE CITY  
CHARHOLI(BK)  
PUNE-412105  
MAHARASHTRA  
GSTIN/Unique ID:

Invoice No : 8150028888  
Date : 28-MAR-2018  
Sales District : 282DP  
Business Area : V1

Sales Order No: 6444397  
Sales Order Date: 30-OCT-2017

Cust Code: 93144667  
Order No: KEI/282DM/0005813532  
Order Date: 30-OCT-2017  
Cust PAN: AABTD30838

## Details Of Consignee (Shipped To)

SITE ADD: DR DY PATIL SCHOOL OF ENGINEERING, DR. DY PATIL KNOWLEDGE KNOWLEDGE CITY, CHARHOLI  
(BK), PUNE, 412105, MAHARASHTRA

Place Of Supply: MAHARASHTRA GSTIN/Unique ID:

Reverse chargeable "NO"

Network No	Equipment No	Item Description	Stage of Payment	HSN / SAC	Contract value	Claimed Already	Claimed Now
70977408	43254276	IN ELEVATOR	Final Invoice	995466	945,000.00	850,499.99	94,500.01
TOTAL					945,000.00	850,499.99	94,500.01
Basic Value							80,084.75
CGST						9.00%	7,207.63
SGST						9.00%	7,207.63
IGST						0.00%	0.00
UTGST						0.00%	0.00
Total							94,500.00

Rupees in Words: RUPEES NINETY-FOUR THOUSAND FIVE HUNDRED ONLY

Course of Service: Design, Manufacture, Supply, Installation, Testing and Commissioning of Elevator - Works contract service

Note: Please release payment IMMEDIATELY on receipt of this Invoice to avoid Interest @ 18% p.a., kindly ignore if already paid.

Kindly arrange to make your payment favouring "KONE Elevator India Private Limited". For E-Transfers the Bank details are provided below

Virtual Account#: 555513144667  
Current Account#: 42205015170  
Bank Name & Address: Standard Chartered Bank  
#19, Rajaji Salai, Chennai-600001  
IFSC: SCBL0036076

For KONE Elevator India Private Limited

AUTHORISED SIGNATORY



Regd Office : 50-55 & 58, Venugaram Road, Ayanambakkam, Chennai-600095, Ph: 044-26533901/02/03/04  
Fax : 044-26533912, www.kone.com

Received by  
[Signature]  
06/04/2018



PRINCIPAL  
ADYPSOE, PUNE



## CERTIFICATE

Certified that the items mentioned in this bill have been  
received in good condition and entered in Stock Register  
of Central store Laboratory / Department at Page

No. 185 Sr. No. 492

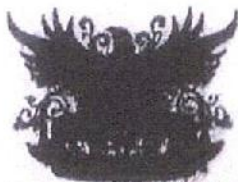
*Manoj*  
6/4/18  
Head of Section / Department

*SAC*  
Store Keeper



*A*  
PRINCIPAL  
ADYPSOE, PUNE





**D Y PATIL GROUP**  
On D. Y. Patil Educational Enterprises Charitable Trust's  
Dr D Y PATIL TECHNICAL CAMPUS  
**Dr D Y PATIL SCHOOL OF ENGINEERING**

**WORK ORDER**

Work Order Number : ADYPC/SOE/STORE/WO/17-18/348 Date: 26/10/2017  
Reference : Your Offer Letter on dated 18<sup>th</sup> October 2017  
SUBJECT : **WORK ORDER FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 1 NO KONE ELEVATORS AT DYP SOE**

To,  
M/s. Kone Elevator India Private Limited  
Off. No. 2, Bandal Spaces, Kothrud Pune  
Tel : 8551018877

Sub: Supply, Installation, Testing and Commissioning of 1 No Kone Elevators at DYP SOE Ch#hall (BK)

Dear Sir,

Reference to your offer letter & final agreement after subsequent negotiations to you on 26<sup>th</sup> October 2017 we are pleased to award you the above mentioned work as per terms and conditions mentioned as follows.

S.N.	Description of Items	Qty	Unit Rate(INR)	Amount (Rs.)
1	6 Passengers / 408 kg. 1 m/s. Variable Voltage Variable Frequency (VVF). 06 Stops, with ARD device, Gearless with machine room & power door. The lift will be with emergency light inverter, fire men drive, & load weighing device, (All other specifications as per offer letter.)	1	9,45000/-	9,45000/-
Total in figures (Including of all Duties & taxes) :-			Rs.945000.00	
Total in words (Including of all Duties & taxes) :-		Nine Lakh forty five thousand only		

**TERMS & CONDITIONS OF CONTRACTS:**

1. Time is essence of contract. The commissioning of the lift will be done in 90 days after issue of work order.
2. The scope of work of Kone & DYP SOE will be as per contract agreement.

  
**PRINCIPAL**

**ADYPSOE PUNE**

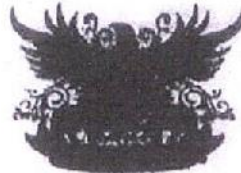
Dr. D. Y. Patil Knowledge City, Charholi, Via Lohagaon, Pune-412 105  
Phone (B20) 6707 7922 / 921 • Fax (B20) 6707 7718 • E Mail : director\_dyptsc@dypic.in



Page 1 of 2

P.T.O





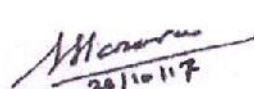
**Dr D Y PATIL GROUP**


Dr. D. Y. Patil Educational Enterprises Charitable Trust's

Dr D Y PATIL TECHNICAL CAMPUS

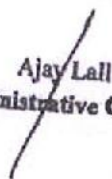
**Dr D Y PATIL SCHOOL OF ENGINEERING**

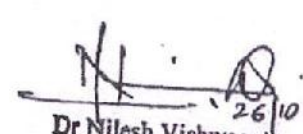
3. The payment terms will be as per the Contract agreement.
  - a) 5% of contract value advance with PO
  - b) 40% of contract value on receipt of material intimation request from client
  - c) 45% of contract value after material receipt
  - d) 10% after commissioning of Lift
4. The PWD licenses will be procured by Kone as mentioned in agreement.
5. No escalation charges will be given by DYP SOE till one year after the issue of Work Order.
6. The CPM chart will be provided by Kone after receipt of Work Order
7. The drawings of civil work and Electrical works will be given by Kone after laser work.


  
26/10/17  
Dr. S. S. Sonavane  
Director - TC

  
Radha Mandolikar  
Chief Accountant

For Dr. D. Y. Patil Educational Enterprises Charitable Trust's

  
Ajay Lall  
Administrative Officer

  
26/10  
Dr Nilesh Vishwanath

  
Vivek Gode  
CFO ADYPU

Taruna Maheshwari  
Chief Finance Officer



  
PRINCIPAL  
ADYPSOE, PUNE

Page 2 of 2





"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's  
**Ajeenkya D Y Patil Group of Institution's Technical Campus**  
**Dr D Y PATIL SCHOOL OF ENGINEERING**  
(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)  
AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720  
(Accredited by NAAC)

**WORK ORDER**

Work Order Number : ADYPKC/SOE/STORE/WO/20-21/ **53**  
Reference : Your AMC Quotation on dated 1<sup>st</sup> October 2020  
**SUBJECT : WORK ORDER FOR AMC OF KONE ELEVATORS AT DYP SOE**

Date: 13/10/2020

To,  
**M/s. Kone Elevator India Private Limited**  
4<sup>th</sup> Floor, Anand Square, H.No.1+2,  
Opp Symbiosis College, Sakore Nagar, Viman nagar  
Pune 411014

**Sub: Work Order for AMC of Kone Elevators at DYP SOE**


Dear Sir,

Reference to your AMC Quotation after subsequent negotiations to you on 8<sup>th</sup> October 2020 we are pleased to award you the above mentioned work as per terms and conditions mentioned as follows.

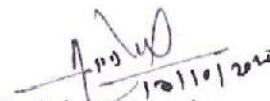
General Contract Agreements	
Contract Start Date	01-03-2020
Contract End Date	28-02-2022
Contract Term	2 Year Contract
Invoicing	As per Payment Terms
Payment Terms	March 2020-Aug 2020 - 35353/-
	Sep 2020- Feb 2021 - 35353/-
	March 2021-Aug 2021 - 35353/-
	Sep 2021 - Feb 2022 - 35353/-
<b>Price for 1 Year :-</b>	<b>Rs.70706/- ( Inclusive of all taxes)</b>
<b>Total Price for 2 Year :-</b>	<b>Rs.141412/- ( Inclusive of all taxes)</b>
Amount in Words: One Lac Forty One Thousand Four Hundred & Twelve Rupees Only.	

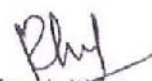
**TERMS & CONDITIONS:** As per your submitted Quotation No T-0003499261 v1 on Dated: 01.10.2020

Prepared By

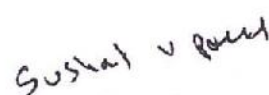
  
Sachin Rasal  
Store Incharge

  
Vidyanand Mankar  
Registrar

  
Dr. Ashok Kasnale  
Principal - DYP SOE

  
Radha Mandekar  
Chief Accountant

For Dr.D.Y.Patil Educational Enterprises Charitable Trust's

  
Dr. Sushant Patil  
Advisor ADYDK  
- 12/10/20



  
**PRINCIPAL**  
**ADYPSOE PUNE**  
Taruna Maheshwari  
Chief Finance Officer





"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

## Dr D Y PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720

(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

### WORK ORDER

Order Number : ADYPKC/SOE/STORE/WO/21-22/302  
Reference : Your AMC Quotation on dated 29<sup>th</sup> March 2022  
SUBJECT : WORK ORDER FOR AMC OF KONE ELEVATORS AT DYP SOE

Date: 07/04/2022

M/s Kone Elevator India Private Limited

Plot Anand Square, II, No. 1 & 2,  
Opp. Symbiosis College, Sakore Nagar, Viman nagar  
Pune 411014

Sub: Work Order for AMC of Kone Elevators at DYP SOE

Reference to your AMC Quotation after subsequent negotiations to you on 26<sup>th</sup> March 2022 we are pleased to award you the above mentioned work as per terms and conditions mentioned as follows.

#### General Contract Agreements

Contract Start Date	01-03-2022
Contract End Date	29-02-2024
Contract Term	2 Year Contract
Payment	Half Yearly in Advance
Price for 1 Year 2022-2023 :-	Rs.71412/- ( Inclusive of all taxes)
Price for 1 Year 2022-2023 :-	Rs.72126/- ( Inclusive of all taxes)

Total Price for 2 Year :- Rs.143538/- ( Inclusive of all taxes)

Amount in Words: One Lac Forty Three Thousand Five Hundred Thirty Eight Rupees Only.

TERMS & CONDITIONS: As per your submitted Quotation No T-000538802\_5 on Dated: 26.03.2022

Prepared By

Sachin Rasal  
Store Incharge

Dr. F. B. Sayyad  
Principal - DYP SOE

For Dr. D. Y. Patil Educational Enterprises Charitable Trust's

Dr. Kamaljeet Kaur Siddhu  
Director

Dr. E. B. Khedkar  
Vice President



PRINCIPAL  
ADYPSOE, PUNE

Dr. Sushant Patil  
Advisor ADYPKC Trust's





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Dr. D. Y. Patil Educational Enterprises Charitable Trusts

## Dr. D. Y. PATIL SCHOOL OF ENGINEERING

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)  
AISHE Code: C-46640 DTR Code: BNG/732 GPHI Code: C/040615/20  
(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2015 Certified Institute)

### WORK ORDER

Work Order Number : ADYPKC/SOE/STORE/WO/21-22/ 302  
Reference : Your AMC Quotation on dated 29<sup>th</sup> March 2022  
SUBJECT : **WORK ORDER FOR AMC OF KONE ELEVATORS AT DYP SOE**

Date: 07/04/2022

M/s. Kone Elevator India Private Limited  
Floor: Anand Square, H.No.1 & 2,  
Opp. Symbiosis College, Sakore Nagar, Viman nagar  
Mumbai-411011


Sub: Work Order for AMC of Kone Elevators at DYP SOE


In reference to your AMC Quotation after subsequent negotiations to you on 26<sup>th</sup> March 2022 we are pleased to award you the above mentioned work as per terms and conditions mentioned as follows.

General Contract Agreements	
Contract Start Date	01-03-2022
Contract End Date	29-02-2024
Contract Term	2 Year Contract
Payment	Half Yearly in Advance
Price for 1 Year 2022-2023 :-	Rs.71412/- ( Inclusive of all taxes)
Price for 1 Year 2022-2023 :-	Rs.72126/- ( Inclusive of all taxes)
Total Price for 2 Year :-	Rs.143538/- ( Inclusive of all taxes)
Amount in Words: One Lac Forty Three Thousand Five Hundred Thirty Eight Rupees Only	

TERMS & CONDITIONS: As per your submitted Quotation No T-000538802 3 on Dated 20-03-2022

Prepared By

  
Sachin Rasal  
Store Incharge

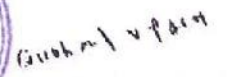
  
Dr. E. B. Khedkar  
Principal - DYP SOE

For Dr. D. Y. Patil Educational Enterprises Charitable Trusts

  
Dr. Kamaljeet Kaur Siddhu  
Director

  
Dr. E. B. Khedkar  
Vice President



  
Dr. Sushant Patil  
Advisor ADYPKC Trusts

  
PRINCIPAL  
ADYPSOE, PUNE





"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

**Ajeenkya D Y Patil Group of Institution's Technical Campus**  
**Dr D Y PATIL SCHOOL OF ENGINEERING**

[Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University]

AISHE Code: C-46648

DTE Code: EN6732

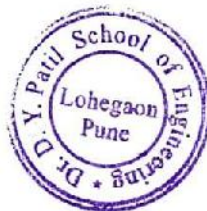
SPPU PUN Code: CEGP015720

**(Accredited by NAAC)**

### 7.1.2 The Institution has facilities for alternate sources of Energy and Energy Conservation Measures

1. Energy Saving Data
2. Electricity Bills
3. Power Sale Agreement

**Principal**  
Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune.







“Empowerment through quality technical education”

**Dr. D. Y. PATIL SCHOOL OF ENGINEERING**

(Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University).

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGPO15720

(Accredited by NAAC)

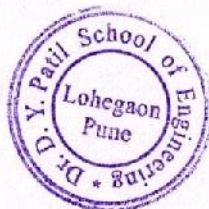
**ENERGY SAVING DATA FOR AY 2021-22**

Sr. No .	Month	Total Energy in (Watt)	Campus Consumption in Units	Solar Generation in Units	% of Utilization	Energy Saving in Lakh for year	Energy Saving in Lakh per month	Total Energy in (Watt)
1	Jun-21	17100	66351	17100	25.772	3422302.8	342230.28	454088
2	Jul-21	33037	67582	33037	48.884			
3	Aug-21	45523	54875	45523	82.958			
4	Nov-21	38540	55059	38540	69.998			
5	Dec-21	30229	77366	30229	63.239			
6	Jan-22	53774	28709	53774	59.622			
7	Feb-22	64835	25612	64835	253.143			
8	Mar-22	54018	85419	54018	63.239			
9	Apr-22	54168	90853	54168	59.622			
10	May-22	62864	82204	62864	76.473			
		454088	634030	454088	80.295			

*Kakde*

Prof. Uday A. Kakde

*PRINCIPAL*  
**ADYPSOE, PUNE**



*Karodpati*

Lt. Col. S. M. Karodpati (Retd.)

H.O.D.  
Department of Civil Engineering  
Dr. D. Y. Patil School of Engg. Lohegaon





महाराष्ट्र MAHARASHTRA

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30213 = 4 JUN 2019

दि. मु.श. रकम. 400

नामा प्रकार अर्थात्

दस्त नोंदणी करणार आहेत का ? होय/नाही.

मिळकतीचे वर्णन रित्य समकालीन

मुद्रांक विक्रीत घेण्यासाठी नोंद

पत्ता वि.पु.न. नगर पुणे १८

दुसऱ्या पक्षकालाचे नाव अर्थात् D.Y. PATIL व संस्था - पुणे

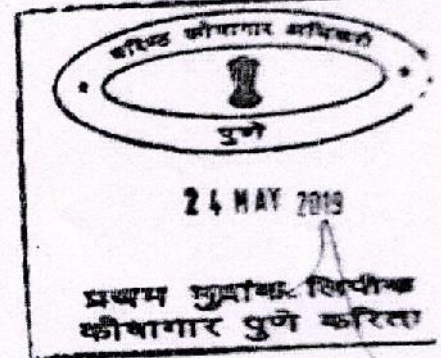
हस्ते व्यक्तीचे नांव व पत्ता स.पु.न. नगर पुणे १८

SANGIETAA LOKANDE

पत्ता नं. २२०५५२४

मुद्रांक दिकत घेण्यासाठी सती सहायक सेल संपर्क, बडगाईन रोड, पुणे - ४

इवा कटकासाठी ज्यांनी मुद्रांक घेतले ते या, यांनी त्याच कारणासाठी मुद्रांक घेतले ते या, यांनी त्याच कारणासाठी मुद्रांक घेतले ते या



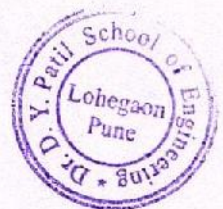
POWER SALE AGREEMENT  
Between

RENEW SUN FLASH PVT. LTD.  
And  
AJEENKYA D Y PATIL INFRA PVT. LTD

For AJEENKYA D Y PATIL INFRA PVT. LTD.

*[Signature]*  
AJEENKYA D Y PATIL INFRA PVT. LTD.

PRINCIPAL  
ADYPSOE, PUNE



For AJEENKYA D Y PATIL INFRA PVT. LTD.

*[Signature]*  
AJEENKYA D Y PATIL INFRA PVT. LTD.





POWER SALE AGREEMENT

Between

RENEW SUN FLASH PVT. LTD.

And

AJEENKYA D Y PATIL INFRA PVT. LTD.

This Solar Photovoltaic Program Power Purchase / Sale Agreement ("Agreement") is made, entered into and effective as of this date the day of June 14, 2019 (the "Effective Date") by and between

ReNew Sun Flash Private Limited, a private limited company incorporated under the Companies Act, 1956, having its registered office at 138, Ansal Chambers II, Bikaji Cama Place, Delhi-110 066 and its corporate office ReNew.Hub, Commercial Block-1, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram, 122009, Haryana, (hereinafter referred to as the "Power Producer", which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as party of the FIRST PART.

AND

Ajeenkya D Y Patil Infra Private Limited (Formerly known as Dr. D Y Patil Educational Enterprises Pvt. Ltd.), a company incorporated under the Companies Act, 1956, and having its registered office at Dr. D Y Patil Knowledge City, Charholi Bk, Lohegaon, Pune, Maharashtra-412105 (hereinafter referred to as the "Offtaker", which expression shall, unless repugnant to the context or meaning thereof, include all its successors and permitted assigns) as party of the SECOND PART.

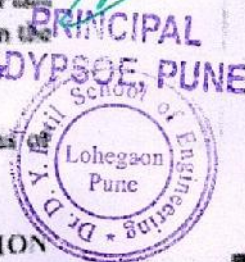
The Power Producer and the Offtaker shall hereinafter be collectively referred to as the "Parties" and individually as "Party".

1. RECITALS

WHEREAS:

- A. The Power Producer is engaged in the business of electricity generation through renewable resources.
- B. The Offtaker is a reputed company engaged in the business of Education with sufficient rooftop, parking and ground mounted area in its plant situated at Dr. D Y Patil Knowledge City, Charholi Bk, Lohegaon, Pune, Maharashtra which the Offtaker agrees to make available to the Power Producer or at the Power Producer's discretion, to its assignees for the construction, operation and maintenance of a solar power generating plant having a capacity upto 800 kWp (on RCC Roof, Parking and ground mount, can be change based on detail design and actual site condition) (hereinafter referred to as the "Plant"), and to purchase from Power Producer the electric energy produced from the Plant. Provided that the Power Producer shall provide the Offtaker with a list of such assignees. The Parties agree that the Power Producer or its assignees shall not have any lien on the Premises provided by the Offtaker in any shape or form whatsoever and the Offtaker and its assignees shall not have any lien on the Power Plant in any shape or form whatsoever.
- C. The Power Producer has represented to the Offtaker that the Plant shall be set up by the Power Producer. Further the Parties understand that the Power Producer may create a charge on the Plant excluding the Premises on which the Plant is erected, but in no event the creation of charge on the Plant shall have any effect on this Agreement and shall not affect the business of the Offtaker.
- D. The Parties by way of this Agreement wish to record the terms and conditions on the basis of which the Power Producer would set up the Plant and supply electricity to the Offtaker.

NOW, THEREFORE IN VIEW OF THE FOREGOING PREMISES AND IN CONSIDERATION







GOVERNMENT OF INDIA

MINISTRY OF CORPORATE AFFAIRS

Office of the Registrar of Companies, Pune  
Pune PMT Building, 3rd Floor, Deccan Gymkhana, null,  
Pune, 411004

**Certificate of Incorporation pursuant to change of name  
[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]**

Corporate Identification Number (CIN): : U80300PN2002PTC143483

I hereby certify that the name of the company has been changed from DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED to AJEENKYA D.Y. PATIL INFRA PRIVATE LIMITED with effect from the date of this certificate and that the company is limited by shares.

Company was originally incorporated with the name DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED

on under my hand at Pune this Twenty Fourth day of August Two Thousand Fifteen.

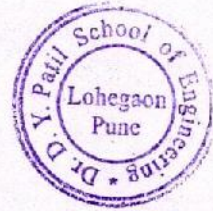
Validity unknown  
Digitally signed by Vijaya Nagorao Khandare  
DN: cn=Vijaya Nagorao Khandare, o=Registrar of Companies, ou=RoC-Pune, email=Vijaya.Nagorao.Khandare@roc.pune.gov.in, c=IN  
Date: 2015.08.24 15:15:55  
GMT+05:30

VIJAYA NAGORAO KHANDARE

Registrar of Companies  
Registrar of Companies  
RoC-Pune

Mailing Address as per record available in Registrar of Companies office:

AJEENKYA D.Y. PATIL INFRA PRIVATE LIMITED  
Dr. D. Y. Patil Knowledge City, Charholi Bk, Via Lohegaon,  
PUNE - 412105,  
Maharashtra, INDIA



PRINCIPAL  
ADYPSOE, PUNE

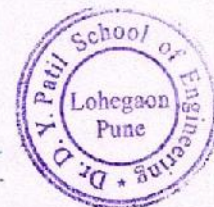


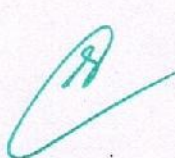
Schedules

SCHEDULE A. ENERGY PURCHASE RATES

Year	Tariff INR/kWh
1	5.70
2	5.70
3	5.70
4	5.70
5	5.70
6	5.70
7	5.70
8	5.70
9	5.70
10	5.70
11	5.70
12	5.70
13	5.70
14	5.70
15	5.70

- Above Tariff exclusive of all Regulatory Charges that may become applicable on consumption of energy during the subsistence of this Agreement.  
Offtaker shall be responsible to bear all Regulatory Charges that may become applicable on consumption of energy during the subsistence of this Agreement



  
**PRINCIPAL  
ADYPSOE, PUNE**





**SCHEDULE B. BUY OUTS**

No purchase for a period of (5) years from the Commercial Operation Date of the Plant unless in the case of PPA Termination on account of default by Energy Buyer. Buyout Values at the end of different years are provided below.

Year	Buyback Value end of the Year (Rs /Wp)
No buyback	
Year 1	46
Year 2	43
Year 3	40
Year 4	37
Year 5	34
Year 6	31
Year 7	28
Year 8	25
Year 9	21
Year 10	18
Year 11	15
Year 12	12
Year 13	9
Year 14	6
Year 15	0.0001

The Offtaker will also need to bear all taxes as may be applicable for the purchase of the Plant from the Power Producer including but not limited to indirect and direct taxes and any and all other taxes that may be applicable upon the Offtaker.

**SCHEDULE C. Major Components of Solar Power Plant.**

**Major Components of a Solar PV Power Plant**

- Solar Modules - Poly Crystalline- Preferred Make (EMMVEE, Renesys, Adani or Equivalent)
- Module Mounting Structures
- Array Junction Box
- Solar Power Inverter-GoodWe, Solis, Sungrow, Delta or Equivalent
- AC distribution board / LT Panel - ABB/ L&T/ Schneider/ Siemens or equivalent
- Cables & Accessories - Polycab/ Siechem/ or equivalent
- Monitoring System
- Earthing/ Lightning Arrestors.
- Net Metering

Point of Delivery: Main LT Panel of Premises

For AJEENKYA DY PATIL INFRA PVT. LTD.

20/03/2020



PRINCIPAL  
DYP SOE, PUNE





**SCHEDULE D: Energy supplied including Deemed Generation at Delivery Point**

Yr	Energy in kWh/kWp
1	1485
2	1475
3	1464
4	1454
5	1444
6	1434
7	1424
8	1414
9	1404
10	1394
11	1384
12	1375
13	1365
14	1355
15	1346

- Capacity: Upto 800 kWp
- Global Horizontal Irradiation: 2000 kWh/m<sup>2</sup>
- Yearly Degradation: 0.7% yearly
- Settlement Period: One Year
- Guaranteed Power Supply 85%



PRINCIPAL  
ADYPSOE, PUNE



For ADYPSOE PATIL INFRA PVT. LTD.

PPA



### SCHEDULE E: Deemed Generation

"Deemed Generation" for the year of operation, will be calculated based on methodology as explained below. Deemed Generation settlement will be done on Monthly basis.

#### Methodology

$\text{Deemed Generation} = \text{Downtime} \times \text{Expected Units Generation}$

Whereas:

$\text{Downtime} = \text{Duration of Downtime, as recorded by plant performance monitoring system, in minutes}$

$\text{Expected Units Generation} = \text{Value of energy production in kWh/kWp/Min. derived as in table 1}$

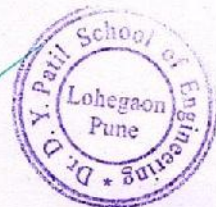
Energy Production Yearly = 1485 kWh/kWp for 1st Year of operation, for 2<sup>nd</sup> year and rest of the PPA tenure Energy Production values will be summation of Billed units including Deemed Generation Units in preceding year factoring the degradation for that year.

❖ Table-1: Methodology to Derive Expected Units Generation.

Description		Values	Unit
Energy Production - Yearly (EPY)	Yearly Generation	1485	kWh/kWp/Year
Monthly Production (MP)	$MP = EPY/12$	123.75	kWh/kWp/Month
Daily Production (DP)	$DP = MP/30$	4.125	kWh/kWp/Day
Hourly Production (HP)	$HP = DP/24$	0.171875	kWh/kWp/Hour
Expected Units Generation (EUP)	$EUP = HP/60$	0.00286458	kWh/kWp/Min

<sup>1</sup> based on 5.5 hours of sunshine.

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Account Name : AJEENKYA D Y PATIL INFRA PVT LTD., Mr. AJEENKYA PATIL, Mr. BALKRISHNA G BHANDARKAR  
Address : DY PATIL KNOWLEDGE CITY, CHARHOLI BK. VIA LOHEGON  
PUNE-412105 Pune  
DEHU ROAD (PUNE)  
MAHARASTRA-412105  
India  
Date : 4 Dec 2018  
Account Number : 00000063000792825  
Account Description : CA-GEN-PUB OTH-NONRURAL-INR  
Branch : VASHI SECTOR-14  
Drawing Power : 0.00  
Interest Rate(% p.a.) : 16.7  
MOD Balance : 0.00  
CIF No. : 73000400347  
IFS Code : SBIN0015285  
MICR Code : 400002298  
Balance as on 1 Nov 2018 : 15,28,386.56

Account Statement from 1 Nov 2018 to 30 Nov 2018

Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
1 Nov 2018	1 Nov 2018	DEBIT- ECSDebitTP- ICICI BANK- Nov18000153 3386122-	/	61076	7,88,563.00		7,39,823.56
3 Nov 2018	3 Nov 2018	CASH CHEQUE- TANAJI KODAG- 924009	/ 924009	15285	8,000.00		7,31,823.56
3 Nov 2018	3 Nov 2018	CASH CHEQUE- TANAJI KODAG- 924038	/ 924038	15285	32,000.00		6,99,823.56
3 Nov 2018	3 Nov 2018	CHQ TRANSFER- NEFT UTR NO: SBIN3183075 56945- 924027 INDUSIND BANK CREDIT CARD NO	/ 924027 INDUSIND BANK CREDIT CARD NO	15285	1,86,871.70		5,12,951.86

PRINCIPAL  
ADYPSOE, PUNE





Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-NEFT UTR NO: SBIN3183075 60942-924011 MAHARASH TRA VAT AC	/ 924011 MAHARASH TRA VAT AC	15285	1,377.95		5,11,573.91
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-RTGS UTR NO: SBINR52018 11030007946 5-924041 SHARPER IMAGE	/ 924041 SHARPER IMAGE	15285	3,54,029.50		1,57,544.41
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-RTGS UTR NO: SBINR52018 11030007952 2-924003 POOJA AJINKYA PATIL	/ 924003 POOJA AJINKYA PATIL	15285	3,44,829.50		-1,87,285.09
3 Nov 2018	3 Nov 2018	CHEQUE DEPOSIT-462689	TRANSFER TO 35870193738 / 462689	15285		1,65,00.00 0.00	1,63,12,714.91
3 Nov 2018	3 Nov 2018	BY TRANSFER-RTGS UTR NO: SBINR52018 11030007946 5-RTGS REVERSAL UTR=SBINR5 20181103000 79465 REASON=00	TRANSFER FROM 99827044308 / RTGS REVERSAL UTR=SBINR5 20181103000 79465 REASON=00	4430	3,54,000.00 0		1,66,66,714.91
3 Nov 2018	3 Nov 2018	BY TRANSFER-RTGS UTR NO: SBINR52018 11030007952 2-RTGS REVERSAL UTR=SBINR5 20181103000 79522 REASON=00	TRANSFER FROM 99827044308 / RTGS REVERSAL UTR=SBINR5 20181103000 79522 REASON=00	4430	3,44,800.00 0		1,70,11,514.91

PRINCIPAL  
ADYPSOE, PUNE





Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-NEFT UTR NO: SBIN3183077 19336-924004 DR AJINKYA D PATIL	/ 924004 DR AJINKYA D PATIL	15285	9,18,029.50		1,60,93,485.41
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-NEFT UTR NO: SBIN3183077 20339-924002 DR AJINKYA D PATIL	/ 924002 DR AJINKYA D PATIL	15285	2,88,829.50		1,58,04,655.91
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-NEFT UTR NO: SBIN3183077 27428-924005 DR AJINKYA D PATIL	/ 924005 DR AJINKYA D PATIL	15285	2,70,029.50		1,55,34,626.41
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-NEFT UTR NO: SBIN3183077 35865-924012 KIRAN I KARNAWAT ABHFL ESCROW AC	/ 924012 KIRAN I KARNAWAT ABHFL ESCROW AC	15285	10,93,529.50		1,44,41,096.91
3 Nov 2018	3 Nov 2018	CHQ TRANSFER-NEFT UTR NO: SBIN3183077 37470-924040 AJEENKYA D Y PATIL INFRA PVT LTD	/ 924040 AJEENKYA D Y PATIL INFRA PVT LTD	15285	14,81,029.50		1,29,60,067.41

PRINCIPAL  
ADYPSOE, PUNE







AJEENKYA D Y PATIL INFRA PVT. LTD.

Letter No.: ADYPU/2019/002

Date: 18/01/2019

To,  
The Superintending Engineer (O&M),  
MSEDCL Circle,  
Ganeshkhind, Pune, Maharashtra.

**Subject:** Application for load extension for Consumer Number 170149028500

Ref: 1) Your letter numbers- SE/GANESHKHIND CIRCLE/No. 115 (Dtd. 05 Jan 2019) and SE/GKUC/T/HT-Addl/F. No.2429/16-17/BSR/131/No 1698 (Dtd. 01 Apr 2017)

Dear Sir,

With reference to above subject matter, please be informed that we, Ajeenkya D Y Patil Infra Pvt. Ltd. (Previously known as DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED) want to increase our existing Sanctioned Load.


In line with the same, refer below the Electricity Bill details:

Consumer Name: Ajeenkya D Y Patil Infra Pvt. Ltd. (Previously known as DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED)  
Consumer Number: 170149028500  
Sanctioned Load: 235 kW  
Meter No.: 053-03179004

Please refer below the details of enhancement:

1. Additional Sanctioned Load required: 565 kW
2. Total Sanctioned Load required: 800 kW

In view of the above, we are herewith submitting the Load Extension application for further processing. Request you to kindly provide your acceptance & approval on same and release the quotation at earliest possible.

  
Inward Clerk  
MSEDCL, GKUC, Pune

  
PRINCIPAL  
ADYPSOE, PUNE







## AJEENKYA D Y PATIL INFRA PVT. LTD.

We appreciate your co-operation & positive response for smooth operation of further processing.

This is for your information, records & necessary action please.

Thanking You,

With Regards,

Authorized Signatory  
Ajeenkya D Y Patil Infra Pvt. Ltd.



Encl.:

1. Application Form
2. Electricity Bill
3. Identity Proof
4. Photos
5. Test Report
6. Ownership proof

  
**PRINCIPAL  
ADYPSOE, PUNE**







MAHRASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD.  
Office of the Superintending Engineer, Ganeshkhind Urban Circle, Pune,  
"PrakashBhavan", 2<sup>nd</sup> floor, SenapatiBapatMarg, Pune -411016  
Phone : 020-26051310/1311/1434/3157; (O)/Fax : 020-26052214  
E-mail : [seganeshkhind@mahadiscom.in](mailto:seganeshkhind@mahadiscom.in) / Web : [www.mahadiscom.in](http://www.mahadiscom.in)  
(A Govt. of Maharashtra Undertaking) CIN : U40109MH2005SGC153645

SE/GKUC/HTB-8500/

No 5855 BY IPAD

DATE :-

18 OCT 2016

To,  
M/s Dr. D. Y. Patil Educational Ent. Pvt. Ltd.  
D Y Patil Knowledge City,  
Chahroli Budruk Via Lohgaon,  
Pune-412105.

Sub: - Notice for Exceeding Contract Demand.  
HT Con. No.170149028500

Dear Sir,

As per your agreement with MSEDCL, your Contract Demand is 175 KVA. But it is observed from billing record that, you have exceeded the Contract Demand of 175 KVA for 3 (Three) occasions since April 2016.

This is breach of agreement executed by you with MSEDCL. You are therefore requested to not to exceed the sanctioned Contract Demand and if you require any additional demand, you may apply in the prescribed form for enhancement of Contract Demand.

Till such time you are requested to restrict your demand within sanctioned limit, failing which your supply may be disconnected at any time, after expiry of this 15 days notice, which please note.

This is for your information and needful action.

Thanking you.

Received on 15.11.16

To

Shri. Pravin Patil, CAO

Superintending Engineer  
GKUC (Pune)

Copy to:

1. Executive Engineer, MSEDCL, Bhosari Division  
..... It is requested to follow up with the consumer as above and disconnect supply after 15 days, if the consumer is exceeding the Contract Demand, and report.
2. Executive Engineer, MSEDCL, Testing Division, GKUC  
..... It is requested to check the metering & transformer capacity installed by the consumer. Accordingly submit the report within 7 days.
3. Addl. Ex. Engineer, MSEDCL, Bhosari-II Sub Dn.

PRINCIPAL  
ADYPSOE, PUNE







# Maharashtra State Electricity Distribution Co. Ltd.

**BILL OF SUPPLY FOR THE MONTH OF**
**SEP 2018**
**GSTIN: 27AAECM2913K78**
**Website: www.mahadiscom.in**
**HSN CODE: 27100000**

Consumer No. 17010028500		DY PATIL	
Consumer Name DR. D.Y. PATIL EDUCATIONAL ENT PVT LTD.		BELL DATE 04-10-2018	
Address D Y PATIL KNOWLEDGE CITY		DUE DATE 10-10-2018	
CHARDOLI BUDRUK, VIA LOHEGAON		IF PAID (FTC) 10-10-2018	
		IF PAID (FTC) 10-10-2018	
PUNE		Last Meter No. 2008411009	
Village		Last Meter Furnish 17-03-2018	
Pin Code 411 005		Scale: Sector Medium Scale	
E-mail: 0900436741		Activity Load Sheet and	
Meter No. 110-10-04-B		Seasonal	
Tarent 474		Ultrasonic Pkg 22	
Contract Demand (KVA) 135		Exhaust Spindle Plug	
32% of Con. Demand 150.6		Factor Voltage (KV)	
Contract Demand (KVA) 135		MT-LX-B	

Date of Connection 02-07-2002	Category PUBL SERVICES OTH	GSTIN
Supply # HT	Elcc Cdg 06 PART-B	PAN
Prov. Highest (KVA) 13.53 (22.88)	BS Demand (KVA) 459	
Security Deposit Held Rs. 0.00	Auto S.D. Compensated Rs. 0.00	
Basic Distribution No. 0.00	S. D. Demand Rs. 0.00	

BILLING HISTORY			
BILLING MONTH	UNIT	BS Demand (KVA)	BS Amount
JUL-18	1,10,600	375	12,00,415
JUN-18	95,264	367	10,89,537
MAY-18	1,20,435	375	13,01,481
APR-18	1,12,653	480	13,00,431
MAR-18	1,08,080	472	11,73,642
FEB-18	1,18,012	421	12,57,339
JAN-18	1,27,492	348	13,60,071
DEC-17	1,24,684	230	11,78,085
NOV-17	1,28,078	308	13,98,831
OCT-17	1,15,120	474	12,88,156
SEP-17	1,28,445	483	15,21,527

**CUSTOMER CARE Toll Free No.**
**1813-1800-233-1835**  
**1800-200-3435**

JCRC Office of the Superintending Engineer, MSEDC, Ganeshkhind Circle, Prabhakar Bhawan Pune-411007. Phone - 020-25630057  
 In case of non-resolution of grievance here, consumer may make his representation to below forum  
 CGRP: 225, Adani-Indira Building, 2nd Floor, Keshavnagar, Pune-411011, Phone - 020-24570828

Maintain Harmonic distortion within limit as prescribed by IEEE STANDARD 519-1992 to avoid penalty

Avail Power factor incentive up to 7% maintaining power factor above 95% to 100%

Avail load factor incentive up to 15% by maintaining constant load profile

Avail 1% prompt payment discount by paying bills within prompt payment date.

For Energy, Energy bill payment through RTGS/NEFT, please use following details:

- 1. Beneficiary Name: MSEDC
- 2. Beneficiary Account Number: MSEDCL0112010001300
- 3. IFSC Code: YES000MND00 (Yes Chamber) & pins and branch (MSEDCL) 177
- 4. Name of Bank: Yes Bank
- 5. Name of Branch: UMS NATIONAL OPERATING CENTRE, PUNE

Disclaimer: Please use above bank details only for payment against consumer's bill as mentioned in beneficiary account number.

*(Signature)*

Chief Engineer, Distribution  
 Maharashtra State Electricity Distribution Co. Ltd.  
 S.E.D. & Supply Division, Pune

**आता नवीन**  
**आधुनिक वीज जोडणी**  
**अधिक सुलभतेने**

*Ease of doing business*

नवीन वीज जोडणीसाठी  
 नवीन वेळोवेळी घेतलेले दस्तऐवज

माहिती: [www.mahadiscom.in](http://www.mahadiscom.in)

MSEDCL

वर्तमान वेळ: [www.mahadiscom.in](http://www.mahadiscom.in)  
 या वेळोवेळी घेतलेले दस्तऐवज  
 किंवा महाराष्ट्र शासकीय वीज वितरण कंपनी

**Important Message**

- Consumers can pay online using their banking, Credit/Debit cards at [www.mahadiscom.in](http://www.mahadiscom.in) after registration.
- Submit / update your E-mail id and mobile number to Circle Office for receiving prompt alerts through SMS.
- Submit / update your PAN & GSTIN to circle office with copies of PAN & GSTIN for verification.
- Special Desk is operational for HT Consumers, please contact: [htdesk@mahadiscom.in](mailto:htdesk@mahadiscom.in) for any clarification / query on HT.

**PRINCIPAL**  
**ADYPSOE, PUNE**





CURRENT CONSUMPTION DETAILS						
Reading Date	KVNH	KVNH	KVNH SAGI	KVNH SAGI	KVNH SAGI	KVNH SAGI
Current 30-09-2018	2718117.000	2684425.000	895223.000	80.000	121.885	129.04
Previous 31-08-2018	2685558.000	2932834.000	883018.000	80.000		
Difference	29355.000	31591.000	1205.000	0.000		
Multiplying Factor	4.0000	4.0000	4.0000	4.0000	4.000	4.0000
Consumption	117422.000	126364.000	4820.000	0.000	457.430	518.250
Apd P.L. F. Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	2.000		
Adjusted Consumption	0.000	0.000	0.000	0.000		0.000
Total Consumption	117422.000	126364.000	4820.000	0.000	457.430	518.250
BILLING DETAILS						
Billant Customer (KVH)	0.00	0.00	0.00	Demand Charges	0.00	1.00
Adjusted P.L.	0.00	0.00	0.00	Wasting Charges	0.00	14.777.65
Station C.L.	0.00	0.00	0.00	Energy Charges	11.37.17.40	
Consumption Type	Units	Rate	Charges Rs.	TSC Tariff		
Industrial	0	9.00	0.00	PAC 0	0.00	0.00
Residential	0	8.75	0.00	Electricity Duty	3.04.708.37	
Commercial	1.17.422	9.65	113717.40	Other Charges	0.00	
T.O. on [Rs.]	Rate %	Amount Rs.		Tax on Bill	0.00	10.452.37
	10			P.A. P.A. Charges - P.P. Inclusive	0.00	
14.31.944.04	21			Charges For Excess Demand	22.880.00	
					0.00	
TOT Tarrs	Rate (Rs/Unit)	Units	Demand	Charges Rs.		
0000 Hrs-0800 Hrs	1.50	12.813	220.00	48.072.00	Debit Rs. Adjustment	9.67.677.97
0800 Hrs-2400 Hrs	0.00	40.364	516.00	0.00	TOTAL CURRENT BILL	27.10.963.30
2400 Hrs-0800 Hrs	0.00	10.184	509.00	12.11.20	Current Interest	0.00
0800 Hrs-1200 Hrs	1.10	10.040	257.00	20.044.00	Principal Amount	1.14
1200 Hrs-2400 Hrs					Interest Amount	0.00
Amount in Words	TWENTY SEVEN LAKH TEN THOUSAND NO. 0					
	HUNDRED ONLY					
				Total Bill Amount (Rounded) Rs.		27.10.963.30
				Revised Payment (Rounded) Rs.		33.867.25
				Amount (Rounded) Payable after		2744070

Toll Free Numbers of 24 X 7 Call Center of MSEDCL are changed. Consumers can dial any of the toll free numbers i.e. 1012, 1800-102-3435, 1800-233-3435 to reach MSEDCL Call Center.  
 CORP Address: 925 Keshav Park, Admin. Building 2nd Floor, Pune-411011. For HT Billing Problem or write to [htgrievance@msedcl.com](mailto:htgrievance@msedcl.com).  
 IDRC Executive Engineer, Block no. 200, Pankaj Bhawan 2nd Floor, Sector-10, Gurgaon, Haryana-122001. For HT Billing Problem or write to [htgrievance@msedcl.com](mailto:htgrievance@msedcl.com).  
 Billing Current Financial Year: Indicated in the bill; OLD PERIOD RATIO: 0 NEW PERIOD RATIO: 1. IND UNITS OLD: 0 COM UNITS OLD: 0  
 COM UNITS OLD: 0 IND UNITS NEW: 0 COM UNITS NEW: 117422 D/M UNITS NEW: 0  
 \*\*\*\* PROMPT DISCOUNT Rs. 14316 IF PAID ON OR BEFORE 10 OCT-18.

Tariff changed w.e.f 01-09-2018

9266102255

#### CONDITIONS

- The total bill amount of the bill may be verified by a Consumer Demand Check Sheet (Form) in case of "Meters/Service/Rate/Excess/Disconnection/Co. Ltd." etc.
- The current bill is payable within 10 days from the date of issue of the bill. If there is any discrepancy in the bill or any other member's request, the consumer is requested to pay the bill amount in full immediately or within 10 days of the bill. If there is any discrepancy in the bill or any other member's request, the consumer is requested to pay the bill amount in full immediately or within 10 days of the bill.
- The bill is issued subject to the provision of the "Supply and Disconnection Charges for Supply of Electrical Energy" of the company.
- Please quote the Consumer Number in the bill of the Company. The payment of the bill should be made at Company's office only.
- If the cheque is sent by post, the same should be received in the office of the company.
- If paid by Cheque/Post Pay Order, then the Post/Order date will be considered as payment date.

**PRINCIPAL**  
**ADYPSOE, PUNE**



Collection Hours: 10-30 to 16-00 Hours (Except on Bank Holidays, Sundays, 2nd & 4th Saturdays)







CURRENT CONSUMPTION BREAKS						
Reading Date	KVAH	KVARH	DEMAND (A.M.D.)	DEMAND (E.P.D.)	KWH (A.M.D.)	KWH (E.P.D.)
Current 31-12-2018	2765237.000	3039168.000	1022057.000	100825.000	70.810	74.231
Previous 30-11-2018	2768297.000	3020729.000	1015923.000	100825.000		
Difference	16940.000	18437.000	7034.000	0.000		
Multiplying Factor	4.0000	4.0000	4.0000	4.0000	4.000	4.0000
Consumption	67760.000	73748.000	28138.000	0.000	283.240	296.932
Add I.L. T. Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	0.000		
Assumed Consumption	0.000	0.000	0.000	0.000		0.000
Total Consumption	67760.000	73748.000	28138.000	0.000	283.240	296.932

BILLING DETAILS						
Billed Demand (KVA)	297	60 Rs.	320	Demand Charges		1,03,250.00
Assumed P.F.		Avg. P.F.	924	Wheeling Charges @ 0.38 Rs/U		25,748.80
Billed P.F.	924	L.F.	19	Energy Charges		6,52,884.00
Consumption Type	Unit	Rate	Charges Rs.	TOD Tarriff EC		-15,814.80
Industrial	0	0.05	0.00	FAC @ 5% Rs/U		29,300.80
Residential	0	5.73	0.00	Electricity Duty		1,09,484.45
Commercial	67760	9.05	613864.00	Other Charges		0.00
Electricity (Rs.)	Rate	Amount Rs.		Tax on Bill @ 9.04 %		8,125.50
	0.1			P.F. Penal Charges / P.F. Incentive		0.00
	18			Charges for Excess Demand		0.00
	0.07,028.80	21	185154.45			0.00
TOD Tarriff	Unit	Rate	Charges Rs.			
1000 Hrs-0800 Hrs & 2000 Hrs-0400 Hrs	1.50	32,144	232.00	Death & Re-connection		10,83,586.96
0800 Hrs-1800 Hrs & 1200 Hrs-1600 Hrs	0.00	24,780	286.00	TOTAL CURRENT BILL		20,36,575.71
0800 Hrs-1200 Hrs	0.60	9,728	297.00	Current Interest 9% 12/2018		9.00
1800 Hrs-2000 Hrs	1.10	10,108	237.00	Principal Amount		7.32
				Interest Amount		0.00
Amount in Words	TWENTY LAKH THIRTY-SIX THOUSAND FIVE HUNDRED EIGHTY ONLY			Total Bill Amount (Rounded) Rs.		20,36,580.00
				Delayed Payment Charges Rs.		25,457.20
				Amount Payable 15-01-2019		20,62,037.20

Toll Free Numbers of 24 X 7 Call Center of MSEDCCL are changed. Consumers can dial any of the toll free numbers i.e. 1912, 1800-102-3425, 1800-232-3435 to reach MSEDCCL Call Center.  
 CORP Address: 325 Khasba Path, Admin. Building 2nd Floor Pune-411011. For HT Billing Problem pl. write to [highvoltage@mahadiscom.in](mailto:highvoltage@mahadiscom.in).  
 ICHC Executive Engineer block no. 202, Panchsheel Bhawan 2nd floor, Senapati Bapat Rd Pune-411016. Dr. As. Rk. 1053806.96 of type Past  
 Billing Current Financial Year, included in the bill.  
 \*\*\* PROMPT DISCOUNT Rs. 2571 IF PAID ON OR BEFORE 07-JAN-19  
 MSEDCCL wishes you Happy New Year!

Tariff Revised w.e.f 01-02-2019

#### CONDITIONS

- The total bill amount of the bill may be received by a crossed Demand Draft/ Cheque drawn in favor of "Maharashtra State Electricity Distribution Co. Ltd." Maharashtra Security Deposit & subsequent advance Cheque / Bank Draft should be sent.
- The current bill is payable within three days from the date of issue of the bill. If there is any discrepancy in the bill or any other clarification needed, consumers are requested to pay the billed amount of bill immediately in order to avoid interest on overdue and subsequent inconvenience. In that payment of delayed payment charges is levied.
- This bill is issued subject to the provisions of the "Conditions and Miscellaneous charges for supply of Electricity Energy" at the company.
- Please quote the Consumer Number on the back of the Cheque. The payment of this bill should be made to Company's office only.
- If the cheque is sent by post, the same should be posted three days prior to the date of the due date.
- If paid by Cheque/DD/Pay Order, then the Receipt/ack date will be considered as payment date.

Collection Hours : 10-30 to 16-00 Hours (Except on Bank Holidays, Sundays, 2nd & 4th Saturdays)

PRINCIPAL  
ADYPSOE, PUNE





MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED



(A Govt. of Maharashtra Undertaking)  
CIN : U40109MH2005SOC153645

No - 1.1.5

- 5 JAN 2019

Ref. No. : SE/GANESHHIND CIRCLE/NO.

Date : 01-Dec-2018

NOTICE FOR DISCONNECTION

To,

DR. D.Y. PATIL EDUCATIONAL ENT. PVT.LTD.  
D Y PATIL KNOWLEDGE CITY CHARGOLI BUDRUK, VIA  
LOHEGAON PUNE PIN : 412105

Subject : Exceeding of Contract Demand and breach of agreement thereof.

Ref : "Notice to Comply" given vide letter No. 6312 dt. 22/11/2018

With reference to above subject this is to point out that you are having HT connection bearing Consumer No. 170142028500 at D Y PATIL KNOWLEDGE CITY CHARGOLI BUDRUK, VIA LOHEGAON PUNE.

On examining of billing data for the calendar year 2018 it has come to notice that you have exceeded your sanction contract demand on more than 3 occasions.

Since this is breach of agreement and also as specified in MERC tariff order, "Notice to Comply" was given to you. It was requested to make application to MSEDCL for enhancement of contract demand and make the payment of necessary charges to regularize the same.

In spite of "Notice to Comply", you have failed to make application and regularize contract demand.

As this act amounts to breach of agreement and unauthorized use of electricity, notice is hereby served upon you for disconnection of your supply in case the contract demand is not regularized and agreement is not executed within 15 days of this notice.

It is also to inform that for billing purpose MSEDCL has restated your contract demand for Nov-18 equal to your highest recorded demand in 2018 calendar year.

Superintending Engineer  
MSEDCL

G&M Circle GANESHHIND CIRCLE

Copy sent to :

- 1) Chief Engineer (Commercial), MSEDCL, Mumbai -51.
- 2) Chief Engineer, MSEDCL, G & M Zone PUNE URBAN ZONE

PRINCIPAL  
ADYPSOE, PUNE







**AJEENKYA D Y PATIL INFRA PVT. LTD.**

**Letter No.: ADYPU/2019/003**

**Date: 19 / 1 / 2019**

To,  
The Superintending Engineer (O&M),  
MSEDCL Circle,  
Ganeshkhind, Pune, Maharashtra.

**Subject:** Authorization letter for follow-ups during the Name change and Load Extension process related to MSEDCL on behalf of Ajeenkya D Y Patil Infra Pvt. Ltd.

Dear Sir,

With reference to above subject matter, please be informed that we have applied for change of name on bill and sanctioned load enhancement at our premises at Ajeenkya D Y Patil Infra Pvt. Ltd. (Previously known as DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED)

In view of the above, we request you to consider Mr. Ujjwal Marathe /Mr. Pawan Saini (84088 99775) / Mr. Nilesh Karkar (8082 110421)/ Mr. Mantu Kumar (91133 43490) of OHMS Energy Pvt. Ltd. as authorized persons for entire follow-ups during process of Name change and Load Extension

Thanking You,

With Regards,

  
Authorized Signatory  
Ajeenkya D Y Patil Infra Pvt. Ltd.



  
**PRINCIPAL**  
**ADYPSOE, PUNE**





जारी करने वाली भारतीय स्टेट बैंक  
State Bank of India  
/CODE No: 15285  
No. 022-27880590

मांगद्राफ्ट  
DEMAND DRAFT

Key: NADFIY  
Sr. No: 348248

1 6 0 5 2 0 1 9  
D D M M Y Y

मांगे जानेपर MSSEDCL  
ON DEMAND PAY

Thirty Three Lakh Eighty Three Thousand One Hundred and Ninety One Only

या उनके आदेश पर  
OR ORDER

रुपये RUPEES

अदा करें ₹

3383191.00

IOI 000493037128  
Name of Applicant

Key: NADFIY Sr. No: 348248

AJEENKYA D Y PATIL INFRA PVT L

AMOUNT BELOW 3383192(3/7)

मूल्य प्राप्त / VALUE RECEIVED

भारतीय स्टेट बैंक

STATE BANK OF INDIA

अदाकर्ता शाखा / DRAWEE BRANCH: CCPC, PUNE

कोड क्र. / CODE No: 10463

AUTHORISED SIGNATURE

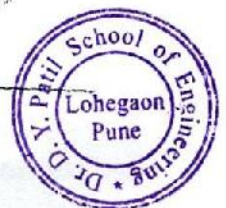
INSTRUMENTS (1) AND (2) ABOVE ARE NOT VALID UNLESS

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केवल 3 महीने के लिए वैध  
VALID FOR 3 MONTHS ONLY

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PRINCIPAL  
ADYPSOE, PUNE







**महाराष्ट्र MAHARASHTRA**

© 2018 ©

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30213 -4 JUN 2019

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भाषा प्रकार ..... अभाषित

दस्त नोंदणी करणार आहोत का ? होय/नाही.

निष्कलतीचे दर्शन ..... दिना संम फल २

मुद्रांक विक्रीत वेपान्याचे नांव १११३ पृष्ठा १५

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दस्तावेज पक्षकोषाधे नांव: ११६०१ ११६०१

हस्ते व्यवृत्तीचे नांव व पत्ता ..... २१५८ ..... प. ११८

SANGIETAA LOKAND

पारवाना क्र. २२०१५३४

मुद्राक दिक्कत पणनायाची सोही माहिती हटवून कम्प्युटर, पडोड्या वगैरे  
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उत्तरी मेरुधारासुतः ६ मरिचकान् दाहयन् वध-नक्षत्रम् ॥ ३६ ॥

POWER SALE

Between

RENEW SUN FL

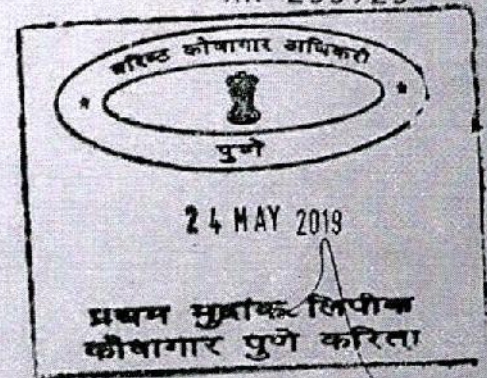
And  
AIEENKYA D Y R

100-443887-100

JEENKYA.DY PATIL INFRA PVT. LTD.

250

~~UNCLASSIFIED SIGNATURE~~



**POWER SALE AGREEMENT**  
Between

**PRINCIPAL  
ADYPSOE, PUNE**

RENEW SUN FLASH PVT. LTD.  
And  
AJEENKYA D Y PATIL INFRA PVT. LTD.

For AJEENKYA DY PATIL INFRA PVT. LTD

~~UNCLASSIFIED SIGNATURE~~





Contents

1.	RECITALS.....	2
2.	DEFINITIONS AND INTERPRETATIONS.....	3
2.1.	Definitions.....	3
2.2.	Interpretations.....	3
3.	TERM.....	3
3.1.	Segregation into Periods.....	3
3.2.	Initial Period.....	3
4.	PLANNING, INSTALLATION AND OPERATION OF PLANT.....	5
5.	SALE OF ELECTRIC ENERGY.....	6
6.	DAMAGE.....	8
7.	RATES, BILLING AND PAYMENT SCHEDULE.....	8
8.	SUPPLEMENTAL POWER.....	9
	OWNERSHIP OF PLANT, LIENS, MORTGAGES.....	10
9.	PURCHASE OPTIONS, REMOVAL AT END OF TERM.....	10
10.	SHUTDOWNS, RELOCATION; CLOSURE OR SALE OF SITE.....	11
11.	TAXES.....	13
12.	INSURANCE.....	13
13.	COOPERATION; SOLAR ACCESS; FUTURE IMPROVEMENTS.....	13
14.	CONFIDENTIALITY.....	14
15.	INDEMNIFICATION.....	14
16.	REPRESENTATIONS AND WARRANTIES.....	15
17.	FORCE MAJEURE.....	16
18.	POWER PRODUCER DEFAULT AND OFFTAKER REMEDIES.....	17
19.	OFFTAKER DEFAULT AND POWER PRODUCER REMEDIES.....	17
20.	COLLATERAL ASSIGNMENT, FINANCING PROVISIONS.....	18
21.	LIMITATIONS OF DAMAGES.....	19
22.	DISPUTE RESOLUTION.....	19
23.	NOTICES.....	20
24.	MISCELLANEOUS.....	21
	Major Components of a Solar PV Power Plant.....	29

PRINCIPAL  
ADYPSOE, PUNE



For AJEEN KADY PATIL INFRA PVT. LTD.  
SIGNED  
AUTHORIZED SIGN

PRA





POWER SALE AGREEMENT

Between

RENEW SUN FLASH PVT. LTD.

And

AJEENKYA D Y PATIL INFRA PVT. LTD.

This Solar Photovoltaic Program Power Purchase / Sale Agreement ("Agreement") is made, entered into and effective as of this date the day of June 14, 2019 (the "Effective Date") by and between

ReNew Sun Flash Private Limited, a private limited company incorporated under the Companies Act, 1956, having its registered office at 138, Ansal Chambers II, Bikaji Cama Place, Delhi-110 066 and its corporate office ReNew Hub, Commercial Block-I, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram, 122009, Haryana, (hereinafter referred to as the "Power Producer", which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as party of the FIRST PART.

AND

Ajeenkya D Y Patil Infra Private Limited (Formerly known as Dr. D Y Patil Educational Enterprises Pvt. Ltd.), a company incorporated under the Companies Act, 1956, and having its registered office at Dr. D Y Patil Knowledge City, Charholi Bk, Lohegaon, Pune, Maharashtra-412105 (hereinafter referred to as the "Offtaker", which expression shall, unless repugnant to the context or meaning thereof, include all its successors and permitted assigns) as party of the SECOND PART.

The Power Producer and the Offtaker shall hereinafter be collectively referred to as the "Parties" and individually as "Party".

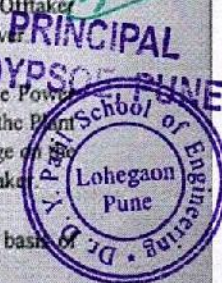
I. RECITALS  
WHEREAS:

- A. The Power Producer is engaged in the business of electricity generation through renewable resources.
- B. The Offtaker is a reputed company engaged in the business of Education with sufficient rooftop, parking and ground mounted area in its plant situated at Dr. D Y Patil Knowledge City, Charholi Bk, Lohegaon, Pune, Maharashtra which the Offtaker agrees to make available to the Power Producer or at the Power Producer's discretion, to its assignees for the construction, operation and maintenance of a solar power generating plant having a capacity upto 800 kWp (on RCC Roof, Parking and ground mount, can be change based on detail design and actual site condition) (hereinafter referred to as the "Plant"), and to purchase from Power Producer the electric energy produced from the Plant. Provided that the Power Producer shall provide the Offtaker with a list of such assignees. The Parties agree that the Power Producer or its assignees shall not have any lien on the Premises provided by the Offtaker in any shape or form whatsoever and the Offtaker and its assignees shall not have any lien on the Power Plant in any shape or form whatsoever.
- C. The Power Producer has represented to the Offtaker that the Plant shall be set up by the Power Producer. Further the Parties understand that the Power Producer may create a charge on the Plant excluding the Premises on which the Plant is erected, but in no event the creation of charge on the Plant shall have any effect on this Agreement and shall not affect the business of the Offtaker.
- D. The Parties by way of this Agreement wish to record the terms and conditions on the basis of which the Power Producer would set up the Plant and supply electricity to the Offtaker.

NOW, THEREFORE IN VIEW OF THE FOREGOING PREMISES AND IN CONSIDERATION OF THE MUTUAL COVENANTS AND CONDITIONS SET OUT BELOW, THE PARTIES HEREBY AGREE AS FOLLOWS:

AJEENKYA D Y PATIL INFRA PVT. LTD.  
Page

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## 2. DEFINITIONS AND INTERPRETATIONS

### 2.1. Definitions

In this Agreement, unless the context otherwise requires, Capitalized terms otherwise used shall have the respective meanings assigned to them in Exhibit II ("Definitions").

### 2.2. Interpretations

- 2.2.1 The table of contents and headings in this Contract are inserted for convenience only and shall not affect its interpretation or construction.
- 2.2.2 All references made in this Agreement to "Clauses", "Exhibits" and "Schedules" shall refer, respectively, to Clauses of and Exhibits and Schedules to this Agreement. The Exhibits and Schedules to this Agreement form part of this Agreement and shall be in full force and effect as though they were expressly set out in the body of this Agreement.
- 2.2.3 Clause headings are for convenience only and shall not affect the interpretation of this Agreement. References to Clauses are specifically made, and where not specifically made, shall mean a reference to the entire Clause of the Agreement along with the numbered clauses or sub-clauses falling under the main clause, which have been appropriately identified by way of numbering and indentations such that an indented clause underneath a main clause shall be construed to be a part of that main clause, if not specifically referred to.
- 2.2.4 The words "hereto", "hereof" and "hereunder" shall refer to this Agreement as a whole and not to any particular provision of this Agreement.
- 2.2.5 The word "person" shall include individuals; partnerships; corporate bodies (including but not limited to corporations, limited partnerships and limited liability companies); non-profit corporations or associations; governmental bodies and agencies; and regulated utilities.
- 2.2.6 The word "including" and "include" shall be deemed to be followed by the words "without limitations".
- 2.2.7 In the event of any conflict between the text of this Agreement and the contents of any Schedule hereto, the text of this Agreement shall govern.
- 2.2.8 Each of the representations and warranties provided in this Agreement is independent of the other representations and warranties in this Agreement and unless the contrary is expressly stated, no clause in this Agreement limits the extent or application of another clause.
- 2.2.9 Any reference to any statute or statutory provision shall include
- a) all subordinate legislation made from time to time under that statute or provision (whether or not amended, modified, re-enacted or consolidated);
  - b) such provision as from time to time amended, modified, re-enacted or consolidated (whether before, on or after the date of this Agreement) to the extent such amendment, modification, re-enactment or consolidation applies or is capable of applying to any transactions entered into under this Agreement as applicable, and (to the extent liability thereunder may exist or can arise) shall include any past statutory provision (as from time to time amended, modified, re-enacted or consolidated) which the provision referred to has directly or indirectly replaced.
- 2.2.10 Any grammatical form or variation of a defined term herein shall have the same meaning as that of such term.
- 2.2.11 The words/ expressions used in this Agreement but not defined herein, unless repugnant to the context, shall have the same meaning as assigned to them in the context in which these have been used in the Agreement provided that the respective meanings, if any, assigned to such undefined words/ expressions in the Electricity Act, 2003 shall also be taken into consideration for harmonious interpretation of the Agreement.

## 3. TERM

### 3.1. Segregation into Periods

This Agreement shall consist of an Initial Period and an Operations Period. As used herein, "Term" shall mean all of the Initial Period and the Operations Period, unless the Power Producer or the Offtaker terminates the Agreement earlier in accordance with the terms of this Agreement.

### 3.2. Initial Period

The Initial Period will begin on the "Effective Date" as set forth above and will terminate on the earlier of the Commercial Operation Date or the date on which the Agreement is terminated pursuant to the provisions of Clause 4.4 hereof. The Parties agree that the Power Producer shall

For REnew Sun Flash Private Limited  
[Signature]  
[Stamp]

PPA





ensure commissioning of the whole project within 180 days from the Effective Date ("Scheduled Commissioning Date"). In the event the Power Producer fails to achieve commissioning of the Plant by the Scheduled Commissioning Date, the Power Producer shall be liable to pay to the Offtaker liquidated damages at the rate of INR 1,000 per day of delay.

Liquidated damages will be paid by the Power Producer for a period of 90 days after which Offtaker may exercise its right to terminate this Agreement and provisions of clause 4.4 will be applicable.

In the event commissioning of the Plant is delayed for reasons attributable to the Offtaker or constitutes an Offtaker Event of Default and a consequent delay in the achievement of the Commercial Operation Date, the stipulated time period for the achievement of the COD shall be extended on a day to day basis without any penalty to the Power Producer. In the event such an Offtaker Event of Default extends for a period exceeding 3 months, the Power Producer shall have the right to terminate this Agreement and the Offtaker shall be liable to pay to the Power Producers all costs expended on the Plant along with an interest of 8% calculated from the date on which such amount was spent / deemed to be spent until the date of payment by the Offtaker or INR 2000/KWp of the total capacity of the Project, whichever is higher.

3.3. Operations Period

The Operations Period will commence on the Commercial Operation Date and will terminate on completion of 15 Years from the date of the Commercial Operation Date.

3.4. Access Specifications

3.4.1. The Offtaker hereby grants the Power Producer and its agents, (including its contractors, subcontractors, persons responsible for implementing the Plant, and the Financing Party) access rights into the Premises, for the Term of this Agreement, at reasonable times and upon reasonable notice, for the purposes of designing, installing, inspecting, operating, maintaining, repairing and removing the Plant, and any other purpose set forth in this Agreement, and otherwise in accordance with the provisions of this Agreement.

3.4.2. The Offtaker shall provide the Power Producer and its agents the following permissions required to work at the Site:

- a) Vehicular & Pedestrian Entry Permissions: The Offtaker shall provide permission to enter for site vehicles and workers for the purpose of designing, installing, operating, maintaining, repairing and removing the Plant. In exercising such access, the Power Producer shall reasonably attempt to minimize any disruption to activities occurring on the Site.
- b) Transmission Lines & Communication Cables: The Offtaker shall provide the Power Producer the right to locate transmission lines and communications cables across the Site. The location of any such transmission lines and communications cables outside the areas designated on Exhibit I shall be subject to the Offtaker's approval and shall be at locations that minimize any disruption to Offtaker's activities occurring on the Site.
- c) Storage: Adequate storage space on the Site shall be made available on the Premises for materials and tools used during construction, installation, and maintenance of the Plant by the Offtaker. The Power Producer shall be responsible for providing shelter and security for stored items during construction and installation of the Plant.
- d) Utilities: Water, drainage and electrical connection in the Premises shall be provided by the Offtaker to enable the Power Producer to install, operate and maintain the Plant. Further, if the Offtaker wishes to access the plant generation data then the Offtaker can access the same via the remote monitoring credentials provided by Power Producer.

The Offtaker shall, at its own cost, provide to the Power producer:

- (i) Adequate water for the cleaning of the modules; and
- (ii) Up to 100 units of electricity monthly for the purpose of enabling the Power Producer to undertake its obligations under this Agreement.

For AJEEN K. YADY PATIL INFRA PVT. LTD.  
AUTHORIZED SIGNATURE

PPA





### 3.5 Basement Rights, Permissions, Approvals and Authorisations

- 3.5.1 Immediately upon the commencement of the Initial Period, the Offtaker shall provide entry permissions to Power Producer to execute scope of work as defined in this Agreement.
- 3.5.2 The Offtaker will insulate the Power Producer from risk arising from authorities appointed under all Applicable Laws in relation to usage of the Premises such as, but not limited to, the Municipal Authorities, authorities responsible for urban development and regulation, Fire Safety authorities, etc. requisite permissions and approvals relating to the existing building, factory inspectors, lenders, etc. for the purposes of setting up of the Plant.
- 3.5.3 The Offtaker shall provide the relevant support for follow up as and when required by the Power Producer for obtaining the necessary permits/approvals from the relevant authorities. Notwithstanding the generality of the above provision of this Clause, the sole responsibility and obligation to get all permissions, licenses and authorizations, including appropriate permits for usage of the Site for setting up the Plant shall at all times vest with the Power Producer. The Power producer shall be responsible for obtaining and maintaining all approvals relating to installation and operation of Plant, all the statutory charges for above approvals will be paid by Power Producer and Offtaker will assist in completing documentation where necessary for obtaining quick approvals.

## 4. PLANNING, INSTALLATION AND OPERATION OF PLANT

### 4.1 Site Assessment and Planning

During the Initial Period, the Power Producer shall have the right, at its own expense, to assess the suitability of the Premises for the Plant and shall act diligently in conducting such assessment. The assessment shall include the right to inspect the physical condition of the structures on which the Plant will be located, to apply for permits or other governmental authorizations necessary for the construction of the Plant; to arrange interconnections with the Local Electric Utility; or to make any other investigation or determination necessary for the financing, construction, operation or maintenance of the Plant.

### 4.2 Commencement of Construction

At any time during the Initial Period, upon at least ten (10) Business Days' notice to the Offtaker, the Power Producer shall have the right to commence installation of the Plant on the Premises. The Power Producer agrees to comply with all of the Offtaker's safety norms, while undertaking its obligations under this Agreement.

### 4.3 Major Components of the Plant

As of the date hereof, the Power Producer anticipates that the Plant shall consist of the Major Components as set forth in SCHEDULE C hereof. During the project execution due to reasons not attributable to Power Producer, if there is a requirement to change the Major Components for the benefit of the project same will be notified to the Offtaker by the Power Producer. Approval of such modification of design must not be unreasonably withheld by the Offtaker.

### 4.4 Termination of Development Activities

Notwithstanding anything contained in this Agreement at any time during the Initial Period, the Power Producer shall have the right to cease development of the Plant on the Premises, for reasons only dealing with changes in law or government regulations coming into effect after the Effective Date, which would render the Project unviable. If the Power Producer gives the Offtaker notice of such determination, this Agreement shall stand terminated effective as of the delivery of such notice without any further liability of the Parties to each other, provided that

- 4.4.1. The Power Producer shall remove any equipment or materials which the Power Producer has placed on the Site;
- 4.4.2. The Power Producer shall restore any portions of the Site disturbed by the Power Producer to its pre-existing condition, i.e. prior to the commencement of construction;
- 4.4.3. The Parties shall not be released from any payment or other obligations arising under this Agreement prior to the delivery of the notice; and
- 4.4.4. The confidentiality provisions under Clause 14, the indemnity obligations under Clause 15 hereof, and the dispute resolution provisions of Clause 22 hereof shall continue to apply notwithstanding the termination of this Agreement.

SIP as per  
For AJEENKADY PATIL INFRA PVT. LTD.

PPA





4.5 Contractors

The Power Producer shall use contractors / independent agents to perform the work of installing, operating, and maintaining the Plant at its own discretion. In such appointment of contractors / independent agents, the Power Producer ensures to follow safety, EHS and other norms as per the industry practice. Provided that the appointment of such contractors shall not relieve the Power Producer from its obligations under this Agreement.

4.6 Site Security

The Offtaker will assist with security of the Plant from the commencement of construction till the time that this Agreement is in effect, to the extent of its existing security procedures, practices, and policies that apply to the Premises. The Offtaker will advise the Power Producer immediately upon observing any damage to the Plant. During the Operations Period, upon request by the Power Producer, such as Power Producer receiving data indicating irregularities or interruptions in the operation of the Plant, the Offtaker shall, as quickly as reasonably possible, send a person to observe the condition of the Plant and report back to the Power Producer on such observations.

4.7 Safety codes

The Power Producer should ensure that all workers working at the Plant will wear ISI approved safety gear as may be required such as safety shoes, safety helmets, and any other safety gear required to perform safe installation and shall take care of all required measures to ensure safety measures to all the workers.

- 4.8 The power supplied would be injected at 415 V, 50Hz, into the LT panel. Suitable provisions will be setup by the Power Producer to maintain the quality of power as per the provisions of the Indian electricity codes.

5. SALE OF ELECTRIC ENERGY

5.1 Sale of Electricity

Throughout the Operations Period, subject to the terms and conditions of this Agreement, the Power Producer shall sell only to Offtaker and Offtaker shall buy from Power Producer all electric energy produced by the Plant, whether or not the Offtaker is able to use all such electric energy. Title to and risk of loss with respect to the energy shall transfer from Power Producer to Offtaker at the Point of Delivery.

5.2 Expected Energy Supply

a. The Power Producer estimates the amount of electric energy to be produced by the limits on the Plant on annual basis subject to Global Horizontal Irradiation ("GHI") based on following broad assumptions

- Expected Energy Generation / annum = 1485 kWh/kWp for 1<sup>st</sup> Year, please refer to Schedule D for Expected Year on Year Energy Production
- Module Degradation Factor = 0.7%
- Global Horizontal Irradiation = 2000 kWh/m<sup>2</sup>
- Size of the Plant = Upto 800 kWp
- Grid Availability

b. The Power Producer shall ensure that the 85% Expected Energy Generation (as outlined in Schedule D) including Deemed Generation is supplied on annual basis. However, if there is any reduction in generation due to reasons attributable to Offtaker or due to actual GHI, the same should be reduced from the Expected Energy Generation. In case of supply lower than of the 85% of Expected Energy Generation, the Power Producer should compensate to the Offtaker for the difference in Variable Charge and applicable solar tariff as per this Agreement for shortfall in solar energy for that year.

Explicit understanding of 5.1 and 5.2 clause has been indicated in Schedule D.

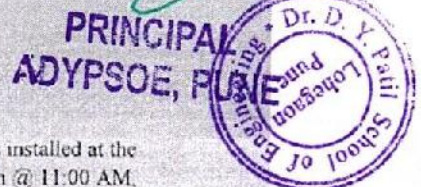
5.3 Joint Meter Reading

a. Monthly Meter Reading:

For every calendar month, joint meter reading of main meter and the Check meters installed at the respective locations shall be conducted on 1<sup>st</sup> working day of every calendar month @ 11:00 AM, either by reviewing the recordings on the online billing software or in the presence of

61P & 2  
FOR AJEEN K YADY PATIL INFRA PVT. LTD

PPA





representatives of both the Parties, as may be mutually agreed between the Parties. If the first day of the month is a public holiday or Sunday, then in such cases the joint meter reading shall be conducted on the immediate next day. However, in such cases, the Parties shall inform each other party in advance. The format for monthly joint meter reading is attached. The meter reading can also be taken through the remote monitoring provision provided the remote monitoring facility is functional and is capable of reading the energy meter readings.

b. Meter Inspection & Sealing:

The energy meter shall be jointly inspected and sealed by the Power Producer and shall not be opened, calibrated or tested except in the presence of the representatives of both the Parties. In each case, seal details of old and new seals installed at the meter box is to be mentioned on the joint meter reading format or meter testing report.

i. Difference in energy measurement between main meter and check meters:

At the time of taking monthly joint meter reading, if the electrical energy consumption reading of the main meter differs from the readings of the corresponding check meter by more than  $\pm 5\%$ , in such case the main meter shall be tested first as per ISI guidelines and if on such testing, the main meter error is found to exceed specific limits prescribed in the standards, then the main meter shall be re-calibrated or replaced by correct meter, within next 7 working days from the date of testing. If the main meter is found correct, the check meter shall be tested and re-calibrated or replaced by correct meter, within next 7 working days from the date of testing. The charges for the meter testing/calibration shall be borne by the Power Producer.

ii. Billing in case of faulty meter

In the event of variation exceeding the permissible limits, the billing should be done based on the correct meter (main or check). The joint metering should be taken after such re-calibration/testing.

c. Annual Meter Testing:

All meters shall be checked/tested for accuracy on a yearly basis in the presence of both the Parties and shall be tested as working satisfactory so long as the errors are within the limits prescribed for meters of the specific class. Energy consumption recorded in the main meter will form the basis of billing, so long as the yearly checks show that errors if any are within the permissible limits. If the check or main meter is found defective during the annual checking, the error will be rectified and it shall be immediately replaced at the cost of the Power Producer.

d. Calibration Procedure:

All meters shall be calibrated on an annual basis by a government approved agency and the cost for the calibration shall be borne by the Power Producer. Meter readings shall be taken after the completion of calibration procedure in the presence of authorised representatives of both the Parties. Metering system, calibration procedure and the procedure of taking meter readings could be modified from time to time as may be decided by both the Parties with mutual understanding.

- (a) The Main Metering System at the Delivery Point shall in terms of its technical standards, description, accuracy, calibration, comply fully with the requirements of the relevant standards under the Applicable Law and shall be regularly tested as per the government regulation. This will consist of main meter and a check meter.
- (b) The Main Metering and Check Meter System shall be installed, maintained and owned by the Power Producer. It shall be installed at a place accessible to the meter readers of both the Parties. The Offtaker shall have full access to the Main Metering System, and to any data generated thereby.
- (c) The Offtaker may install an additional meter, at its own cost, to verify the measurements of the Main Metering System.
- (d) Power Producer shall install the meter(s) to meet the technical and regulatory requirements stipulated by the relevant authorities.

The risk and title to the electricity supplied by the Power Producer shall pass to the Offtaker at the Point of Delivery.

For AJEEN KADY PATIL INFRA PVT. LTD.  
Authorised Signatory

PPA



PRINCIPAL  
ADYPSOE, PUNE





6. **DAMAGE**

6.1. **Damage by Offtaker**

In the event that the Plant is damaged by any act, negligence or omission by the Offtaker, or any of its employees, agents, contractors or affiliates, the Offtaker:

6.1.1. Shall be responsible for any cost of repairing or replacing any component of the Plant and rectifying the damage.

6.1.2. Shall continue to be billed as per Deemed Generation until the Plant is restored to full capacity, and the Offtaker shall be responsible for the payment of these bills

6.2. **Damage by Power Producer**

In the event that the Plant is damaged by any act, negligence or omission by the Power Producer, or any of its employees, contractors or affiliates, the Power Producer:

6.2.1. Shall be responsible for the cost of repairing the Plant or replacing the component of the Plant

6.2.2. Shall not bill the Offtaker for any Deemed Generation. If such Deemed Generation is billed to the Offtaker, the Offtaker shall not be obliged to pay the amount to the Power Producer.

7. **RATES, BILLING AND PAYMENT SCHEDULE**

7.1. **Rates**

The Offtaker shall pay to the Power Producer all charges for electricity supplied and Deemed Generation, if any, at the rates set forth in *SCHEDULE A* attached hereto, which shall be exclusive of all Regulatory Charges that may become applicable during the subsistence of this Agreement.

7.2. **Billing**

The Offtaker shall pay for the electricity supplied at delivery point, by the Plant monthly. Promptly after the end of each calendar month, the Power Producer shall provide the Offtaker with an invoice setting forth the quantity of electricity produced by the Plant in such month, the applicable rates for such, and the total amount due, which shall be the product of the quantities and the applicable rates. The monthly joint reading format (signed by authorized representatives of Power Producer and Offtaker) will be attached along with the bill otherwise the invoice of the month shall not be accepted by the Offtaker. However, if the remote monitoring system is implemented which has the ability of capturing the real time energy meter readings, the same may be used for billing and physical signing of energy meter records shall not be required.

7.3. **Invoice Delivery**

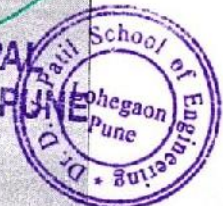
Invoices shall be in writing and shall be either (i) delivered by hand; (ii) mailed by first-class, registered or certified mail, return receipt requested, postage prepaid; (iii) delivered by a recognized overnight or personal delivery service; (iv) transmitted by email (such transmission to be effective on the day of receipt if received prior to 5:00 pm local time on a Business Day or in any other case as of the next Business Day following the day of transmittal)

7.4. **Payment Security**

The Security Deposit for the amount equivalent to 3 month revenues shall be for a period of one year and continue till the term of this Agreement. The Power Producer shall be entitled to invoke such Security Deposit for its full face value or part thereof, in case of an Offtaker Event of a Default. Upon such Security Deposit being fully or partly invoked by the Power Producer during the term of this Agreement, the Offtaker shall be liable to replenish such Security Deposit to its original value within a period of 30 days. Such encashment of the Security Deposit by the Power Producer, shall not impact in any way the recovery of any other monthly arrears that may be due on the part of the Offtaker or any payment at the time of termination of this Agreement including payment of Buy Out value due as contemplated in this Agreement. At the end of this Agreement or on termination of this Agreement, whichever is earlier if no Offtaker Event of Default exists, the Power Producer will return to the Offtaker such Security Deposit within a period of thirty (30) days.

8/11/2016  
FOR AJEEN K WADY PATIL INFRA PVT. LTD.  
AUTHORIZED SIGNATURE

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7.5. Payment

The Offtaker shall pay each invoice within fifteen (15) days of receipt of the invoice ("Due Date"). Payments shall be made by electronic funds transfer to an account designated by the Power Producer in the invoice or in a written notice delivered to the Offtaker. Any payments after the Due Date would attract an interest @ 1.5% month, calculated on the amount of outstanding payments, on a day to day basis for each of the delay ("Late Payment Surcharge"). The Late Payment Surcharge shall be claimed by the Power Producer, through its subsequent invoices.

7.6. Disputed Invoices

7.6.1. If the Offtaker objects to all or a portion of an invoice, the Offtaker shall, on or before the date payment of the invoice is due:

- (i) Pay 100% of the undisputed portion of the invoice, and
- (ii) Provide an itemized statement of its objections setting forth in reasonable detail the basis for its objections.

7.6.2. If Offtaker does not object prior to the Due Date, Offtaker shall be obligated to pay the full amount of such invoices but Offtaker may subsequently object to such invoice and, if such objection proves to be correct, receive a refund of the disputed amount; Provided, however, that Offtaker may not object to any invoice more than eighteen (18) months after the date on which such invoice is rendered. The right to dispute or object to an invoice, shall, subject to the time limitation provided in this Clause 7.6.2, survive the expiration or termination of this Agreement.

7.6.3. Any adjustments shall be made in the invoice of the subsequent months.

7.6.4. Disputes shall only be entertained on issues pertaining to meter readings and other factual aspects and not on the Tariff for Electricity if the correct Tariff is applied for billing.

8. SUPPLEMENTAL POWER

8.1. Interconnection

The Power Producer shall be responsible for arranging the interconnection of the Plant with the Offtaker's Local Electric Utility and fulfilling any other requirements of the distribution licensees. Obtaining net metering approvals shall be the responsibility of the Power Producer and all the costs related to net metering application will have to be borne by the Offtaker.

Entitlement to Tax Incentives

The Power Producer (and/or its assignee as may be identified and appointed at its sole discretion) shall be entitled to any Tax Incentives that may arise as a result of the operation of the Plant and shall be entitled to transfer the ownership over the Plant or construct the Plant for such Financing Party who is able to utilize such Tax Incentives. The Offtaker shall provide reasonable assistance to Power Producer in preparing all documents necessary for Power Producer to receive such Tax Incentives. Any tax incentives arising as a result of solar power generation shall be the right of the Power Producer or the Financing Party and any tax incentives arising due to consumption of solar power shall be the right of the Offtaker.

Environmental Attributes

If, at any time during the Term, the project is or becomes entitled to receive carbon credits or any other similar benefits, the Power Producer shall have such benefits. However, any necessary cost associated with claiming the benefits of these environmental attributes shall be borne or reimbursed by the Offtaker.

8.2. No Resale of Electricity

The electricity purchased by the Offtaker from the Power Producer under this Agreement shall not be resold, assigned or otherwise transferred to any other person without prior approval of the Power Producer, which approval shall not be unreasonably withheld, and the Offtaker shall not take any action which would cause the Offtaker or the Power Producer to become a utility or public service company.

9/1/2020  
FOR AJAY K. PATIL INFRA PVT. LTD.  
AUTHORISED SIGNATURE





### OWNERSHIP OF PLANT, LIENS, MORTGAGES

#### 8.3. System Ownership

8.3.1. Except as provided in *Clause 9*, the Power Producer or its assignee shall be the legal and beneficial owner of the Plant at all times prior to transfer of the same to the Offtaker. The Plant is a movable property of the Power Producer or the Financing Party or their assignee as the case may be, and shall not attach to or be deemed a part of, or fixture to, the Site. The Power Producer shall not be restricted from representing that it has developed the Plant for the Offtaker and shall have the right to display notices and hoardings stating that the Plant has been installed by the Power Producer and that it is the sole and rightful owner of the Plant.

8.3.2. The Offtaker covenants that it will place all persons having an interest in or lien upon the real property comprising the Premises, on notice of the ownership of the Plant and the legal status or classification of the Plant as movable and personal property of the Power Producer or its assignee as the case may be. The Offtaker shall make any necessary filings to disclaim the Plant as a fixture of its respective Premises and Site with the appropriate authorities to place all interested parties on notice of the ownership of the Plant by Power Producer or its assignee as the case may be.

#### 8.4. Liens

8.4.1. To the extent permitted by Applicable Law, each Party shall not directly or indirectly cause, create, incur, assume or suffer to exist any mortgage, pledge, lien, charge, security interest, encumbrance or claim of any nature, including claims by governmental authorities for taxes (collectively referred to as "Liens" and each, individually, a "Lien") on or with respect to the interests of the other in the Site, the Premises, and the Plant, and in the access rights granted hereunder.

8.4.2. Each Party shall promptly notify the other of the imposition of a Lien on the property interests of the other Party, and shall promptly discharge such lien, provided however, that a Party may seek to contest the amount or validity of any Lien affecting the property of the other Party, provided it timely complies with all procedures for contesting such Lien, posts any bond or other security necessary under such procedures, and if such procedures do not require the posting of security, the Party establishes for the benefit of the other Party a deposit, letter of credit, or other security acceptable to the other Party to indemnify the other Party against any Loss which could reasonably be expected to arise if such Lien is not removed or discharged.

#### 8.5. Non Disturbance Agreements

The Offtaker shall pay for and obtain all consents required for it to enter into and perform its obligations under this Agreement from its lenders, landlord, tenants, and any other persons with interests in the Site. If there is any charge against the Premises which could reasonably be construed as prospectively attaching to the Plant, the Offtaker shall promptly provide an acknowledgement and consent from such lienholder, in form and substance reasonably acceptable to the Power Producer, stating that the ownership of the property in goods over the Plant remains in the Power Producer and further acknowledging that the Plant is personal property of Power Producer and agreeing not to disturb the rights of Power Producer in the Plant and under this Agreement. Such acknowledgment and consents, or acceptable notices thereof, shall be recorded, at Offtaker's expense, with the appropriate authority. Offtaker may in the future mortgage, pledge, and grant security interests in all or a portion of the Site and the improvements thereon, provided the mortgagee or other grantee of the encumbrance acknowledges this Agreement, the Plant, the access permissions granted hereunder, and the priority of Power Producer's rights in the Plant and the access permissions.

### 9. PURCHASE OPTIONS, REMOVAL AT END OF TERM

#### 9.1. End of Term Purchase Option

The Offtaker shall have the right to purchase the Plant from the Power Producer at the expiration of the Operations Period at the Buy Out Value of Rs 1.0 (rupee one only) for the Plant. The Offtaker hereby agrees that it shall be solely liable to bear all taxes as may be applicable for the purchase of the Plant from the Power Producer. The Parties agree that such right under this clause shall be exercised by the Offtaker at least 2 months prior to the termination of this Agreement.

For AJEENKADY PATIL INFRA PVT. LTD.

PPA



PRINCIPAL  
ADVOCATE PUNE





9.2. Transfer of Ownership

Upon Offtaker's notice that it elects to exercise the option set forth in Clause 9.1, the Offtaker and the Power Producer shall enter into an agreement in mutually agreed terms to transfer the Plant and the rights and obligations attached thereto.

9.3. Operation & Maintenance After Sale

Upon Offtaker's notice that it elects to exercise the option set forth in Clause 9.1, the Offtaker and the Power Producer shall discuss entering into an operation and maintenance agreement under which Power Producer shall perform all or a portion of the operation and maintenance requirements of the Plant following Offtaker's purchase of the Plant. However, neither Party shall be under an obligation to enter into such an agreement.

9.4. No Survival of Purchase Option

The options for Offtaker to purchase the Plant under Clause 9.1 shall not survive the termination of this Agreement.

10. SHUTDOWNS, RELOCATION; CLOSURE OR SALE OF SITE

10.1. Offtaker Requested Shutdown

10.1.1. The Offtaker from time to time may request the Power Producer to temporarily stop operation of the Plant. Such request to be reasonably related to Offtaker's activities in maintaining and improving the Site or to any other urgent activity in the manufacturing setup of the Offtaker.

10.1.2. During any such shutdown period (but not including periods of Force Majeure), the Offtaker will pay the Power Producer an amount equal to the payments that Offtaker would have made to the Power Producer hereunder for electric energy that would have been produced by the Plant during the period of the shutdown;

10.1.3. Determination of the amount of energy during shutdown, as per the clause 10.1.1, that would have been produced during the period of the shutdown shall be based on Deemed Generation computed as per Schedule E of this Agreement. The Offtaker agrees to pay all such amounts.

10.2. Power Producer Shutdown

The Power producer may shut down the Plant in the following circumstances:

(i) If the Power Producer needs to perform maintenance activities on the Plant: In the event any maintenance on the Plant is required, a maximum of 7 days shall be allotted to the Power Producer subject to prior intimation to the Offtaker. The Power Producer agrees to notify the Offtaker 24 Hours in advance; and

(ii) If the Power Producer needs to perform emergency repairs on the Plant: In the event of any emergency repairs required on the Plant, the Plant shall start functioning as soon as it is practicable. Power Producer may shut down the Plant at any time in order to perform required emergency repairs and/or maintenance to the Plant for a maximum of 4 working days. Power Producer may shutdown the Plant with intimation to Offtaker. Power Producer agrees to notify offtaker 24 Hours in advance.

However, there will be no reduction in the committed Expected Energy Generation from the Power Producer due to these abovementioned shutdowns.

10.3. Plant Relocation

10.3.1. If the Plant needs to be temporarily moved or its generation suspended during site repairs or for any other reason, either at the request of the Offtaker or due to acts of negligence or omission of the Offtaker or its employees, agents or contractors, the Offtaker will be responsible for any costs arising from moving the Plant. In the event the plant relocation is requested by the Power Producer for reasons solely attributable to the Power Producer, all costs arising from such moving the Plant shall be solely to the account of the Power Producer. Suspension of Generation

a) Any interruption in generation of Electricity during such relocation as described hereinabove in Clause 10.3.1, and reasons attributable to the Offtaker will continue to be billed as per Deemed Generation, during the period of interruption.





- b) Where the electricity generation is suspended or the Plant is to be temporarily moved on account of any acts of negligence or omission of the Power Producer or its employees, agents or contractors, the cost for relocation / disassembling shall be to the account of the Power Producer, who will further compensate the Offtaker for the above loss based on Clause 5.2 (b) of this Agreement.

10.3.2. In addition, during the Relocation Event, except in the circumstances envisaged under Clause 10.3.1(b) above:

- a) The Offtaker shall pay the Power Producer an amount equal to the payments that the Offtaker would have made to the Power Producer hereunder for electric energy that would have been produced by the Plant following the Relocation Event.
- b) Determination of the amount of energy that would have been produced following the Relocation Event shall be based, during the first Operations Year, on the Deemed Generation and, after the first Operations Year, based on actual operation of the Plant in the same period in the previous Operations Year, unless Power Producer and Offtaker mutually agree to an alternative methodology.

10.3.3. Premises Shutdown and Interconnection Deactivated

- a) In the event Premises are closed as a result of an event that is not:
- (i) a Force Majeure Event or
- (ii) caused by or related to any unexcused action or inaction of Power Producer,

The Offtaker shall nevertheless continue to pay the Power Producer for all electricity produced by the Plant on the Premises and delivered to the Point of Delivery. Provided that if such premises shutdown is for reasons attributable to the Offtaker, the Offtaker shall pay to the Power Producer an amount equal to the sum of payments that the Offtaker would have made to the Power Producer hereunder for electric energy that would have been produced by the Plant following such closure as per Deemed Generation (Schedule E).

- b) If an interconnection with the Local Electric Utility becomes deactivated for reasons that are not:
- (i) a Force Majeure Event or
- (ii) caused by or related to any unexcused action or inaction of Power Producer such that the Plant is no longer able to produce electricity or transfer electricity to its respective Premises or to the Local Electric Utility,

The Offtaker will pay the Power Producer an amount equal to the sum of payments that the Offtaker would have made to the Power Producer hereunder for electric energy that would have been produced by the Plant following such closure as per Deemed Generation (Schedule E)

- c) Determination of the amount of energy that would have been produced following such closure shall be based, during the first Operations Year, on the estimated levels of production and, after the first Operations Year, based on actual operation of the Plant in the same period in the previous Operations Year, unless the Power Producer and the Offtaker mutually agree to an alternative methodology.

- d) If a shutdown pursuant to this Clause 10.3.3 continues for 120 days or longer, the Power Producer will be entitled to ask for the Security Deposit for another year or require buyout of the Plant by the Offtaker.

10.4. Sale of Site

10.4.1. The Parties hereby confirm that they are entering into the Agreement in good faith and have no current plans or discussion of plans of ceasing business operations.

10.4.2. In the event the Offtaker transfers (by sale, lease, or otherwise) all or a portion of its interest in the Site, the Offtaker shall remain primarily liable to Power Producer for the performance of the obligations of Offtaker hereunder notwithstanding such transfer.

10.4.3. The Offtaker agrees to inform the Power Producer about the intended sale and the Power Producer may in its sole discretion either:

PRINCIPAL  
ADYPSOE, PUNE



For ADYPSOE, PUNE

*[Signature]*

AUTHORISED SIGNATORY

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10.4.4. In the event that the Offtaker or the transferee wishes to terminate this Agreement, then they shall pay to the Power Producer Applicable Buy Out value.

## 11. TAXES

### 11.1. Property Taxes

The Offtaker shall be responsible for all ad valorem personal property or real property taxes levied against the Site, improvements thereto and personal property located thereon, except that Power Producer shall be responsible for ad valorem personal property or real property taxes levied against the Plant. If the Offtaker is assessed any taxes related to the existence of the Plant on the Premises, Offtaker shall immediately notify the Power Producer. The Offtaker and the Power Producer shall cooperate in contesting any such assessment; provided, however, that Offtaker shall pay such taxes to avoid any penalties or interest on such Taxes, subject to reimbursement by the Power Producer. If after resolution of the matter, such tax is imposed upon the Offtaker related to the improvement of real property by the existence of the Plant on the Site, the Power Producer shall reimburse the Offtaker for such tax.

### 11.2. Tax Contests

Each Party has the right to contest taxes in accordance with Applicable Law and the terms of encumbrances against the Site. Each Party shall use all reasonable efforts to cooperate with the other in any such contests of tax assessments or payments. In no event shall either Party postpone during the pendency of an appeal of a tax assessment the payment of taxes otherwise due except to the extent such postponement in payment has been bonded or otherwise secured in accordance with Applicable Law.

### 11.3. Payment of Delinquent Taxes

In the event either Party fails to pay any taxes that may become a lien upon the other Party's property, such Party may pay such amounts and in such event shall be entitled to recover such paid amount from the other Party, together with interest thereon at the rate of one percent (1%) per month, compounded monthly.

### 11.4. Reimbursement Deadline

Any reimbursement of taxes owing pursuant to this Section 11 shall be paid within fifteen (15) Business Days of receiving an invoice therefor from the Party who paid the taxes.

## 12. INSURANCE

### 12.1. Coverage

Power Producer will maintain the insurance coverage in full force and effect throughout the Term.

## 13. COOPERATION; SOLAR ACCESS; FUTURE IMPROVEMENTS

### 13.1. Cooperation

The Parties acknowledge that the performance of each Party's obligations under this Agreement will frequently require the assistance and cooperation of the other Party. Each Party therefore agrees, in addition to those provisions in this Agreement specifically providing for assistance from one Party to the other, that it will at all times during the Term cooperate with the other and provide all reasonable assistance to the other Party to help the other Party perform its obligations hereunder.

### 13.2. Unrestricted Solar Access

Offtaker, or any lessee, grantee or licensee of Offtaker, shall not erect any structures on, or make other modifications to, or plantings on, the Site which will interfere with the construction, operation or maintenance of, or solar access of, the Plant.

13/ Page

For AJEENKADY PATIL INFRA PVT. LTD.

AUTHORISED SIGNATURE

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#### 14. CONFIDENTIALITY

##### 14.1. Limits on Disclosure of Confidential Information

Subject to the exceptions set forth below in *Clause 14.2* each Party agrees that:

- 14.1.1. Without the consent of the other Party, it shall not disclose any Confidential Information received from the other Party to any other person and
- 14.1.2. It shall use any Confidential Information received from the other Party only for the purpose of fulfilling its obligations under this Agreement.

##### 14.2. Permissible Disclosures

- 14.2.1. Notwithstanding the foregoing, the Parties may, and shall, disclose any information required to be disclosed under rules, regulations required to be disclosed by any Governmental Authority under Applicable Law or pursuant to a validly issued summonses or required filing.
- 14.2.2. The Power Producer may provide this Agreement, and any correspondence, notices and other information related to this Agreement to any person who has provided or who is interested in providing construction or permanent financing, or any refinancing thereof, to Power Producer in connection with the Plant. In addition, if a receiving Party is required by Applicable Law to disclose any Confidential Information provided by the disclosing Party, the receiving Party may make disclosure as required by law, but the receiving Party shall prior to making any disclosure notify the disclosing Party of the requested disclosure and shall use its reasonable efforts to cooperate with the disclosing Party, but at the expense of the disclosing Party, in any efforts by the disclosing Party to minimize the extent of the Confidential Information disclosed and the persons to whom disclosed.

##### 14.3. Enforcement of Confidentiality Provisions

Each Party acknowledges that it may be impossible to measure the damages which may result from a breach of this *Clause 14* and agrees that the provisions of this *Clause 14* may be required to be specifically performed and each Party shall have the right to obtain preliminary and permanent injunctive relief to secure specific performance of the terms of this *Clause 14*. The provisions of this *Clause 14* shall survive until one year after the effective date of any termination of this Agreement.

#### 15. INDEMNIFICATION

##### 15.1. Power Producer Indemnification

- 15.1.1. The Power Producer shall indemnify, defend and hold Offtaker and its directors, officers, employees, agents, volunteers, and invitees ("Offtaker's Indemnified Parties"), harmless from and against all losses incurred by the Offtaker Indemnified Parties to the extent arising from or out of the following:
  - a) any claim for or arising out of any injury to or death of any Person or loss or damage to property to the extent arising out of Power Producer's (or its contractor's) negligence or willful misconduct;
  - b) Power Producer's violation of Applicable Law;
  - c) any failure to properly interconnect or comply with the procedures of the Local Electric Utility; or
  - d) any failure to properly handle or dispose of any Hazardous Materials brought onto the Site by the Power Producer or by any of Power Producer's employees, agents, volunteers, and invitees.
- 15.1.2. Such duty to indemnify with respect to any injuries to persons or damage to property arising from the generation of electricity from the Plant shall not extend to incidents occurring on the Offtaker's side of the Point of Delivery except to the extent caused by incidents on Power Producer's side of the Point of Delivery.
- 15.1.3. Such duty to indemnify shall not apply to any action or claim, whether in tort (including negligence and strict liability), contract or otherwise for any loss, injury, or costs resulting from interruptions in service. The Power Producer shall not be obligated to indemnify the Offtaker or any Offtaker Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of Offtaker or any Offtaker Indemnified Party.

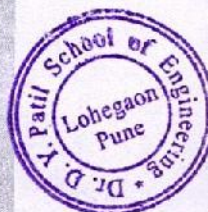
For ALLEN KA DY PATIL INFRA PVT. LTD.

AUTHORISED SIGNATURE

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PRINCIPAL  
ADYPSOL, PUNE





15.2. Offtaker Indemnification

16.2.1 The Offtaker shall indemnify, defend and hold Power Producer, its contractors, subcontractors, shareholders, directors, officers, employees, agents, and invitees, ("Power Producer's Indemnified Parties"), harmless from and against all losses incurred by the Power Producer's Indemnified Parties to the extent arising from or out of any of the following:

- a) any claim for or injury to or death of any Person or loss or damage to property to the extent arising out of the negligence or willful misconduct of any of the Offtaker's Indemnified Parties;
- b) Offtaker's violation of Applicable Law; or
- c) the presence, removal or remediation of any Hazardous Materials on the Site (other than any Hazardous Materials brought on to the Site by Power Producer's Indemnified Parties).

16.2.2 The Offtaker shall not be obligated to indemnify the Power Producer or any Power Producer Indemnified Parties for any Loss to the extent such Loss is due to the negligence or willful misconduct of Power Producer or any Power Producer Indemnified Party.

15.3. Survival of Indemnification

The obligations of indemnification as specified above shall survive termination of this Agreement.

16. REPRESENTATIONS AND WARRANTIES

16.1. Mutual Representations

16.1.1. Each Party hereby represents and warrants to the other, as of date hereof, that:

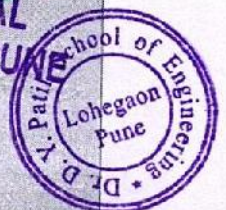
- a) **Organization.** It is duly organized, incorporated, and in good standing with limited liability and validly existing under the laws of India, of its state of incorporation and of the state in which the Premises are located, respectively, and has the power and authority to enter into, execute and deliver this Agreement and to perform its obligations hereunder.
- b) **No Conflict.** The execution and delivery of this Agreement and the performance of and compliance with the provisions of this Agreement will not conflict with or constitute a breach of or a default under
  - (i) its organizational documents;
  - (ii) any agreement or other obligation by which it is bound;
  - (iii) any law or regulation.
- c) **Enforceability.**
  - (i) all actions required to be taken by or on the part of such Party necessary to make this Agreement effective have been duly and validly taken;
  - (ii) this Agreement has been duly and validly authorized, executed and delivered on behalf of such Party; and
  - (iii) this Agreement constitutes a legal, valid and binding obligation of such Party, enforceable in accordance with its terms, subject to laws of bankruptcy, insolvency, reorganization, moratorium or other similar laws.
- d) **No Material Litigation.** There are no court orders, actions, suits or proceedings at law or in equity by or before any governmental authority, arbitral tribunal or other body, or threatened against or affecting it or brought or asserted by it in any court or before any arbitrator of any kind or before or by any governmental authority that could reasonably be expected to have a material adverse effect on it or its ability to perform its obligations under this Agreement, or the validity or enforceability of this Agreement.
- e) That they perform their obligations hereunder in accordance with all applicable anti-corruption laws and regulations.

16.2. Offtaker Representations

In addition to the representations and warranties in Clause 16.1 above, the Offtaker hereby represents and warrants to the Power Producer, as of date hereof, that:

25/12/2019  
For: NEENKYA DY PATIL INFRA PVT. LTD.  
AUTHORISED

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- 16.2.1. Electric Usage: The Offtaker has provided to the Power Producer complete and correct records of its electric usage at the Site for the preceding two years.
- 16.2.2. Condition of the Premises: The Offtaker has provided to the Power Producer Offtaker's complete and correct records of the physical condition of the Premises and the Power Producer has conducted a site visit. If it is discovered that the actual site conditions on part of, or on the entire Premises upon which all or part of the Plant is to be installed, are materially different from the information presented by the Offtaker, then if practicable the rates payable by the Offtaker hereunder shall be adjusted to compensate the Power Producer for the cost of design and construction changes and delays incurred to adapt the Plant to the unknown conditions. If such adjustment is not practicable, Power Producer shall have other rights under this Agreement. The Offtaker further agrees not to undertake any sort construction activity on the Premises during the subsistence of this Agreement. Any such construction activity on the part of the Offtaker, would require a prior written approval from the Power Producer. The Power Producer shall have a right to terminate this Agreement in case of any construction activity undertaken by the Offtaker on the Premises prior to seeking a written approval and the Offtaker shall also be liable to pay the Buy Out as per the terms of this Agreement.
- 16.2.3. Financial Information: The financial statements that the Offtaker has provided to the Power Producer present fairly in all material respects the financial condition and results of operations of the Offtaker.

## 17. FORCE MAJEURE

### 17.1. Excuse of Force Majeure Event

Except as provided under Clause 17.2 or otherwise specifically provided in this Agreement, neither Party shall be considered in breach of this Agreement or liable for any delay or failure to comply with this Agreement, if and to the extent that such delay or failure is attributable to the occurrence of a Force Majeure Event; provided that the Party claiming relief as a result of the Force Majeure Event shall promptly


- 17.1.1. Notify the other Party in writing of the existence and details of the Force Majeure Event, within seven (7) days of its knowledge of commencement of such event. In case of total disruption of communication, the same must be communicated as soon as practicable after the occurrence of Force Majeure;
- 17.1.2. exercise all reasonable efforts to minimize delay caused by such Force Majeure Event and mitigate the effect of such event as soon as possible;
- 17.1.3. notify the other Party in writing of the cessation of such Force Majeure Event; and
- 17.1.4. resume performance of its obligations hereunder as soon as practicable from the date of cessation of the Force Majeure event or its consequences.

### 17.2. No Excuse for Payment for Prior Services

Obligations to make payments for services already provided shall not be excused by a Force Majeure Event.

### 17.3. Termination for Force Majeure Event

- 17.3.1. Notwithstanding anything to the contrary in this Clause 17, if nonperformance on account of a Force Majeure Event continues beyond a continuous period of Three hundred and sixty five (365) days, then the Party not claiming Force Majeure shall have the right to terminate this Agreement upon thirty (30) days' notice to the other Party.
- 17.3.2. In the event of such a termination of this Agreement with respect to the Plant, the Parties shall not be released from any payment or other obligation arising under this Agreement which accrued prior to the shutdown of the Plant or the Premises, and the Indemnity, Confidentiality and Dispute Resolution provisions of this Agreement shall survive the termination of this Agreement.

  
**PRINCIPAL**  
**ADYPSOE, PUNE**

For AJEENKYA DY PATIL INFRA PVT. LTD.

16 Page

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AUTHORISED SIGNATURE





#### 18. POWER PRODUCER DEFAULT AND OFFTAKER REMEDIES

##### 18.1. Power Producer Default and Offtaker Remedies

The Power Producer shall be in default of this Agreement if any of the following ("Power Producer Events of Default") shall occur:

- 18.1.1. Misrepresentation: Any representation or warranty by the Power Producer under Clause 16 hereof, is incorrect or incomplete in any material way, or omits to include any information necessary to make such representation or warranty not materially misleading, and such defect is not cured within fifteen (15) days after receipt of notice from the Offtaker identifying the defect.
- 18.1.2. Abandonment during Construction and Installation: After commencement of construction of the Plant, the Power Producer abandons construction or installation of the Plant for thirty (30) days and fails to resume construction or installation within thirty (30) days after receipt of notice from the Offtaker stating that, in Offtaker's reasonable determination, the Power Producer has abandoned construction and installation of the Plant.
- 18.1.3. Failure to Operate: After the Commercial Operation Date, the Power Producer fails to operate the Plant for a period of 90 days which failure is not due to equipment failure, or damage to the Plant, act of governmental authority, or exercise of Power Producer's rights under this Agreement, any Offtaker Event of Default or otherwise excused by the provisions of Clause 17.1 (relating to Force Majeure Events); and the Power Producer fails to resume operation within thirty (30) days after receipt of notice from Offtaker stating that, in Offtaker's reasonable determination, Power Producer has ceased operation of the Plant, provided, however, that the cure period shall be extended by the number of calendar days during which Power Producer is prevented from taking curative action if the Power Producer had begun curative action and was proceeding diligently, using commercially reasonable efforts, to complete such curative action.
- 18.1.4. Obligation Failure: The Power Producer fails to perform any obligation hereunder, provided that such failure is material and, such failure is not excused by the provisions of Clause 17.1 (relating to Force Majeure Events), and such failure is not cured within: (A) ten (10) days if the failure involves a failure to make payment when due or maintain required insurance; or (B) sixty (60) days if the failure involves an obligation other than payment or the maintenance of insurance, after receipt of notice from the Offtaker identifying the failure.
- 18.1.5. Insolvency: The Power Producer (A) applies for or consents to the appointment, or the taking of possession by, a receiver, custodian, trustee or liquidator of itself or a substantial portion of its property; (B) admits in writing its inability, or is generally unable, to pay its debts as such debts become due; (C) makes a general assignment for the benefit of its creditors; (D) commences a voluntary case under any bankruptcy law; (E) files a petition seeking to take advantage of any other law relating to bankruptcy, insolvency, reorganization, winding up, or composition or readjustment of debts; (F) acquiesces in, or fails to contest in a timely manner, any petition filed against the Power Producer in an involuntary case under bankruptcy law or seeking to dissolve the Power Producer under other Applicable Law; or (G) takes any action authorizing its dissolution.

##### 18.2. Offtaker Remedies

Upon an Event of Default by the Power Producer, provided that the Offtaker complies with its obligations under Clause 21 and the Power producer or its assignee (Financing Party) does not cure such Event of Default by Power Producer, the Offtaker may terminate this Agreement without buyout or any other additional payments.

#### 19. OFFTAKER DEFAULT AND POWER PRODUCER REMEDIES

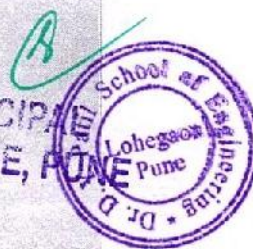
##### 19.1. The occurrence and continuation of any of the following events, unless any such event occurs as result of a Force Majeure event, shall constitute an Offtaker's Event of Default ("Oftaker Event of Default")

- 19.1.1. Bankruptcy, liquidation or dissolution of the Offtaker pursuant to Applicable Law, except for the purpose of a merger, consolidation or re-organization that does not affect the ability of the resulting entity to perform all its obligations under this Agreement and provided that such resulting entity expressly assumes all such obligations

17 Page  
For AJEEN K YADY PATIL INFRA PVT. LTD.

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19.1.2 Default in payment of undisputed invoices for a continuous period of six (6) months within a period of twelve months

19.1.3 Failure to perform its obligations under this Agreement

19.1.4 Abandonment of this Agreement by way of failure to pay under the terms of this Agreement. In case the Offtaker fails to make payments under this Agreement for a continuous period of 12 months, then the Power Producer shall be at liberty to consider this Agreement as having been terminated on account of Offtaker's Event of Default. In the event of termination on account of non-payment by the Offtaker as aforesaid, the Offtaker shall be liable to pay, immediately and without demur, the Buy Out value as stated in Schedule B to the Power Producer. The payment of Buy Out value due shall be without prejudice to the rights of the Power Producer to encash the Security Deposit (refer clause 7.4) towards outstanding dues and payments towards the dues under this Agreement.

19.2. Default Damages

Upon an Event of Default by Offtaker, the Offtaker shall pay to the Power Producer the amount equivalent to the sum of Buy Out value as per SCHEDULE B of this Agreement.

20. COLLATERAL ASSIGNMENT, FINANCING PROVISIONS

20.1. Financing Arrangements

The Power Producer may mortgage, pledge, grant security interests, assign, or otherwise encumber its interests in this Agreement to any persons providing financing for the Plant. The Offtaker acknowledges that the Power Producer will obtain construction financing for the Plant from third party and that Power Producer may either obtain term financing secured by the Plant or sell or assign the Plant to a Financing Party or may arrange other financing accommodations from one or more financial institutions and may from time to time refinance, or exercise purchase options under such transactions. The Offtaker acknowledges that in connection with such transactions the Power Producer may secure the Power Producer's obligations by, among other collateral, an assignment of this Agreement and a first security interest in the Plant as well as the right to supply electricity to the Offtaker under the terms of an agreement containing provisions similar to this Agreement in relation to "RATES, BILLING AND PAYMENT SCHEDULE". The Power Producer agrees to serve prior notice to the Offtaker before any material change in financing arrangements and such changes will not bring any financial obligations to the Offtaker. In order to facilitate such necessary sale, conveyance, or financing, assignment with respect to any Financing Party, as applicable, Offtaker agrees as follows:

20.1.1. Consent to Assignment

The Offtaker hereby consents to both of the sale of the Plant to a Financing Party and the collateral assignment to the Financing Party of the Power Producer's right, title and interest in and to this Agreement either in full or in part.

20.1.2. Rights of Financing Party

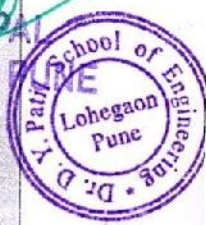
Notwithstanding any contrary term of this Agreement, the Financing Party shall have following rights during the term of this Agreement:

(a) Step-In Rights

The Financing Party, as owner of the Plant, or as collateral assignee of this Agreement, shall be entitled to exercise, in the place and instead of the Power Producer, any and all rights and remedies of the Power Producer under this Agreement in accordance with the terms of this Agreement. The Financing Party shall also be entitled to exercise all rights and remedies of owners or secured parties, respectively, generally with respect to this Agreement and the Plant; For the avoidance of doubt, it is agreed that the Power Producer and the Financing Party shall endeavor to appoint a new operation and maintenance agent with proven credentials. If such agent is identified, the Offtaker shall not unreasonably withhold such approval if agent accepts all terms and conditions of this agreement.

(b) Opportunity to Cure Default

The Financing Party shall have the right, but not the obligation, to pay all sums due under this Agreement and to perform any other act, duty or obligation required of the Power Producer thereunder or cause to be cured any default of the Power Producer thereunder in the time and manner provided by the terms of this Agreement. Nothing herein requires the Financing Party to cure any default of the Power Producer under this Agreement or (unless the Financing Party has succeeded to Power Producer's interests under this





Agreement) to perform any act, duty or obligation of Power Producer under this Agreement, but the Offtaker hereby gives it the option to do so;

(c) **Exercise of Remedies**

Upon the exercise of remedies, including any sale of the Plant by the Financing Party, whether by judicial proceeding or under any power of sale contained herein, or any conveyance from Power Producer to the Financing Party (or any assignee of the Financing Party as defined below) in lieu thereof, the Financing Party shall give notice to Offtaker of the transferee or assignee of this Agreement. Any such exercise of remedies shall not constitute a default under this Agreement;

(d) **Cure of Bankruptcy Rejection**

Upon any rejection or other termination of this Agreement pursuant to any process undertaken with respect to the Power Producer under the Bankruptcy laws of India including the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 at the request of Financing Party made within ninety (90) days of such termination or rejection, the Offtaker shall enter into a new agreement with Financing Party or its assignee having substantially the same terms and conditions as this Agreement.

i) **Right to Cure**

A. **Cure Period**

The Offtaker will not exercise any right to terminate or suspend this Agreement unless it shall have given the Financing Party prior written notice of its intent to terminate or suspend this Agreement, as required by this Agreement, specifying the condition giving rise to such right, and the Financing Party shall not have caused to be cured the condition giving rise to the right of termination or suspension within thirty (30) days after such notice or (if longer) the periods provided for in this Agreement; provided that if such Power Producer default reasonably cannot be cured by the Financing Party within such period and the Financing Party commences and continuously pursues cure of such default within such period, such period for cure will be extended for a reasonable period of time under the circumstances, such period not to exceed additional ninety (90) days. The Parties' respective obligations will otherwise remain in effect during any cure period.

B. **Continuation of Agreement**

If the Financing Party or its assignee (including any purchaser or transferee), pursuant to an exercise of remedies by the Financing Party, shall acquire title to or control of Power Producer's assets and shall, within the time periods described in *Clause 20.1.2(d/i)* above, cure all defaults under this Agreement existing as of the date of such change in title or control in the manner required by this Agreement and which are capable of cure by a third person or entity, then such Person shall no longer be in default under this Agreement, and this Agreement shall continue in full force and effect.

**21. LIMITATIONS OF DAMAGES**

Except as explicitly provided in this Agreement, neither party nor any of its indemnified persons shall be liable to the other party or its indemnified persons for any special, punitive, exemplary, indirect, or consequential damages, arising out of or in connection with this Agreement.

**22. DISPUTE RESOLUTION**

22.1. **Continuance of Performance**

Notwithstanding the existence of any Dispute except for non-payment without justification, the Parties hereto shall continue to perform their respective obligations under this Agreement throughout the Term of this Agreement.

PRINCIPAL  
ADYPSOE, PUNE



19 | Page  
For AJEEN KADY PATIL INFRA PVT. LTD.  
AUTHORIZED SIGNATURE





22.2 Negotiation Period

The Parties shall negotiate in good faith and attempt to resolve any dispute, controversy or claim arising out of or relating to this Agreement ("Dispute") within 30 days after the date that a Party gives written notice of such Dispute to the other Party.

22.3 Mediation

If, after such negotiation in accordance with *Clause 22.2*, the Dispute remains unresolved, either Party may require that a non-binding mediation take place. In such mediation, representatives of the Parties with authority to resolve the dispute shall meet for at least three hours with a mediator whom they choose together. If the Parties are unable to agree on a mediator, then either Party is hereby empowered to request the appropriate Courts at Mumbai to appoint a mediator. The mediator's fee or expenses shall be paid one-half by each Party.

22.4 Arbitration of Disputes

22.4.1. Disputes that remain unresolved after mediation will be resolved through binding arbitration. All such disputes that have not been satisfactorily resolved under *Clause 22.3* above shall be referred to arbitration in accordance with the provisions of the Arbitration and Conciliation Act, 1996. Irrespective of the Arbitration/dispute resolution proceedings, the Parties shall continue to perform their respective obligations under this Agreement, during the Term of the Agreement, except for non-payment without justification and / or unless the nature of the dispute is such that a Party is unable to perform its obligations without the resolution of the Dispute under the Arbitration/other proceedings.

22.4.2. The arbitral tribunal shall consist of a Sole Arbitrator to be appointed upon mutual consent of the Parties. If no agreement could be reached on the appointment of the Sole Arbitrator within a reasonable period (say one month of submitting the proposal), then the Parties shall resort to the remedy provided for in the Arbitration & Conciliation Act, 1996. The Arbitrators appointed to resolve the dispute shall have relevant expertise in the power sector.

22.4.3. The place of the arbitration shall be Mumbai and the language of the arbitration shall be English. Each Party shall bear its respective legal and arbitration costs.

22.4.4. The award of the arbitral tribunal shall be final and binding on the Parties and shall be enforceable in accordance with its terms. The arbitral tribunal shall state reasons for its findings and the award shall be substantiated in writing. The Parties agree to be bound by the decision thereby and to act accordingly.

22.4.5. The Parties agree that either Party may seek interim measures including injunctive relief in relation to the provisions of this Agreement or the Parties' performance of it from any court of competent jurisdiction.

22.4.6. The Parties expressly waive and forego any right to punitive, exemplary, or similar damages in connection with any Dispute and no such damages shall be awarded or provided for in any Dispute resolution proceeding under or in aid of this Article.

22.5 Survival of Arbitration Provisions

The provisions of this *Clause 23* shall survive any termination of this Agreement for any reason whatsoever and shall apply (except as provided herein) to any disputes arising out of this Agreement.

23. NOTICES

23.1 Delivery of Notices

All notices or other communications which may be or are required to be given by any party to any other party pursuant to this Agreement shall be in writing and shall be either:

23.1.1. delivered by hand;

23.1.2. mailed by registered post, return receipt requested, postage prepaid;

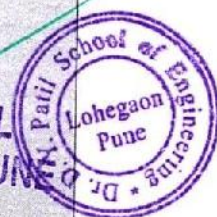
23.1.3. delivered by a recognized overnight or personal delivery service;

23.1.4. transmitted by facsimile (such transmission to be effective on the day of receipt if received prior to 5.00 pm local time on a business day or in any other case as of the first business day following the day of transmittal); or

23.1.5. transmitted by email if receipt of such transmission by email is specifically acknowledged by the recipient (automatic responses not being sufficient for acknowledgement), addressed as follows:

For REENKAR PATIL INFRA PVT. LTD.

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If to Offtaker:

Ajeenkya D Y Patil Infra Pvt. Ltd  
Dr. D Y Patil Knowledge city,  
Chatholi Bk, Lohegaon, Pune,  
Maharashtra-412105  
Attention: Dr. Kamaljeet kaur Siddhu  
Email: kamaljeet@adypg.com

If to Power Producer:

ReNew Power Ltd.  
ReNew Hub, Commercial Block-1,  
Zone 6, Golf Course Road, DLF City Phase-V,  
Gurugram, 122009, Haryana  
Attention: Mr. Rahul Kashyapa  
Email: rahul.kashyapa@renewpower.in

23.2. Effectiveness of notices

23.2.1. Notices shall be effective when delivered (or in the case of email, when acknowledged by the recipient) in accordance with the foregoing provisions, whether or not (except in the case of email transmission) accepted by, or on behalf of, the Party to whom the notice is sent.

23.2.2. Each Party may designate by Notice in accordance with this section to the other Party a new address to which any notice may thereafter be given.

24. MISCELLANEOUS

24.1 Change In Law

(a) For the Purpose of this Clause 24.1, the term "Change in Law" shall mean the occurrence of any of the following events after the Effective Date, resulting into any additional recurring / non-recurring expenditure by the Power Producer or any income to the Power Producer:

(i) The enactment, coming into effect, adoption, promulgation, amendment, modification or repeal (without re-enactment or consolidation) in India, of any Law, including rules and regulations framed pursuant to such law, or

(ii) A change in the interpretation of any law by any Governmental Authority having the legal power to interpret or apply such law, or any competent court; or

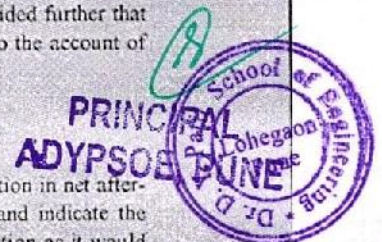
(iii) The imposition of a requirement, for obtaining any Government approvals which were not required earlier; or

(iv) A change in the terms and conditions prescribed for obtaining any Government approvals or the inclusion of any new terms or conditions for obtaining such Government approvals; or

(v) any increase/introduction of any tax/duty having an adverse financial impact on the Power Producer. Provided that this clause shall not apply to any change in any withholding tax on income or dividends distributed to the shareholders of the Power Producer. Provided further that any benefit arising out of decrease/abolishment of any tax/duty shall be solely to the account of the Offtaker;

(b) Consequences of Change in Law

If as a result of Change in Law, the Power Producer suffers an increase in costs or reduction in net after-tax return or other financial burden, the Power Producer may so notify the Offtaker and indicate the proposed revision in Tariff so as to place the Power Producer in the same financial position as it would have enjoyed had there been no such Change in Law resulting in the cost increase, reduction in return or





other financial burden as aforesaid. Upon notice by the Power Producer, the Parties shall meet, as soon as reasonably practicable but no later than 10 (ten) days from the date of notice, and either agree on proposal submitted by the Power Producer or on any other mutually agreed arrangement that shall ensure that the Power Producer is put in the same economic position that it would have enjoyed had there been no such Change in Law.

Provided that if no agreement is reached within 90 (ninety) days of the aforesaid notice, the Power Producer shall have the right to demand the Offtaker to pay an amount that would place the Power Producer in the same financial position that it would have enjoyed had there been no such Change in Law, and within 15 (fifteen) days of receipt of such notice, along with particulars thereof, the Offtaker shall pay the amount specified therein.

c) The adjustment in payment on account of Change in Law subject to provisions mentioned above, shall be effective from:

(i) The date of adoption, promulgation, amendment, re-enactment or repeal of the Law or Change in Law; or

(ii) The date of order/ judgment of the competent court, of tribunal or Governmental Authority, if the Change in law is on account of a change in interpretation of Law.

24.2 Governing Law

This Agreement shall be governed by and construed in accordance with the laws of India, including principles of good faith and fair dealing that will apply to all dealings under this Agreement.

24.3 Jurisdiction

Subject to the provisions of Clause 22.4.3, the courts of Mumbai shall have exclusive jurisdiction in relation to all matters arising out of this Agreement.

24.4 Severability

If any non-material part of this Agreement is held to be unenforceable, the rest of the Agreement will continue in effect. If a material provision is determined to be unenforceable and the Party which would have been benefited by the provision does not waive its unenforceability, then the Parties shall negotiate in good faith to amend the Agreement to restore to the Party that was the beneficiary of such unenforceable provision the benefits of such provision. If the Parties are unable to agree upon an amendment that restores the Party's benefits, the matter shall be resolved under Clause 22.4 in order to restore to the Party that was the beneficiary of the unenforceable provision the economic benefits of such provision.

24.5 Amendment and Waiver

24.5.1 This Agreement may only be amended by a writing signed and duly executed by an authorized representative of both Parties. Any waiver of any of the terms hereof shall be enforceable only to the extent it is waived in a writing signed by the Party against whom the waiver is sought to be enforced.

24.5.2 Any waiver shall be effective only for the particular event for which it is issued and shall not constitute a waiver of a subsequent occurrence of the waived event nor constitute a waiver of any other provision hereof, at the same time or subsequently.

24.6 Assignment

Neither Party may assign, sell, transfer or in any other way convey its rights, duties or obligations under this Agreement, either in whole or in part, without the prior written consent of the other Party unless it is permitted as per the provisions of this Agreement. Such consent shall not be unreasonably withheld or delayed.



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AJEENKAR PATIL INFRA PVT. LTD.  
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AUTHORIZED SIGNATURE



24.7 Agency

Unless specifically prohibited, the Parties shall be free to employ agents to perform their obligations under this Agreement, so long as the Parties remain primarily liable for the due performance of this Agreement.

24.8 No Joint Venture

This Agreement does not create a joint venture, partnership or other form of business association between the Parties.

24.9 Entire Agreement

This Agreement, together with any documents referred to in it, supersedes any and all oral and written agreements, drafts, undertakings, representations, warranties and understandings heretofore made relating to the subject matter hereof and constitutes the entire agreement and understanding of the Parties relating to the subject matter hereof.

24.10 Counterparts

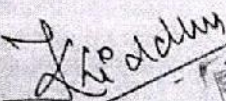
This Agreement may be executed in two counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Delivery of signature by fax, or scan delivered by email, receipt acknowledged, or electronic signature are effective to bind a Party hereto.

24.11 Erection, Commissioning and Operation: The Power Producer will bear all costs towards staying arrangement, conveyance or any other expenses of executive, consultant, labor or any other associates, vendors or sub-contractors of the Power Producers during the installation, commissioning and operation period.

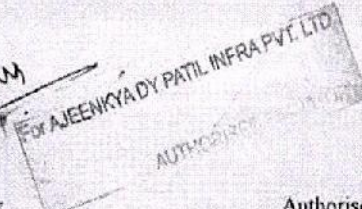
IN WITNESS WHEREOF, intending to be legally bound hereby, Power Producer and Offtaker have executed this Power Purchase Agreement as of the date first set forth above.

For and on behalf of the  
Ajeenkya D Y Patil Infra Private Limited

For and on behalf of the  
ReNew Sun Flash Pvt. Ltd.



Authorised Signatory  
Name: Dr. Kamaljeet Kaur Siddhu



Authorised Signatory  
Name: Mr. Rahula Kashyapa  
Mr. Nitin Chimote

PRINCIPAL  
ADYPSOE, PUNE





Exhibits

Exhibit I. Description of the Premises and Site

Part A- Site Specifications	
Name of the site	Dr. Ajeenkya D.Y. Patil Knowledge City
Locality	Lohegaon
State	Maharashtra
Latitude	18°37'8.86"N
Longitude	73°54'39.31"E
Load Details	800 KVA



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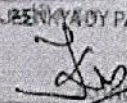
24/12/2016  
Dr. AJEENKYA D. Y. PATIL INFRA PVT. LTD.

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Exhibit II. Definitions

- 1) "Access Rights" means the rights provided in this Agreement for Power Producer and its designees, including Installer, to enter upon and cross the Site to install, operate, maintain, repair and remove the Project, and to interconnect the Project with the Local Electric Utility and to provide water, electric and other services to the Project. These Access rights will not give the Power Producer any Tenancy rights over the property at any time.
- 2) "Act" means the Electricity Act, 2003 and the rules and regulations made there under from time to time along with amendments thereto and replacements thereof and any other Applicable Law related to electricity.
- 3) "Affected Party" shall mean a Party whose performance has been affected by an event of Force Majeure.
- 4) "Affiliate" means, as to any Person, any other Person which, directly or indirectly, is in control of, is controlled by, or is under common control with, such Person. For purposes of this definition, "control" of a Person means the power, directly or indirectly, to direct or cause the direction of the management and policies of such Person whether by contract or otherwise.
- 5) "Agreement" means this Power Purchase Agreement, including all its recitals and Schedules attached hereto, as the same may be amended from time to time in accordance with the provisions hereof.
- 6) "Applicable Law" means any constitutional provision, law, statute, rule, regulation, ordinance, treaty, order, decree, judgment, decision, certificate, holding, injunction, registration, license, franchise, permit, authorization, or guideline issued by a Governmental Authority that is applicable to a Party to this Agreement or the transaction described herein. Applicable Law also includes an approval, consent or requirement of any Governmental Authority having jurisdiction over such Party or its property, enforceable at law or in equity. More specifically, it means all laws, brought into force and effect by the Government of India or the State Governments including Electricity Act, 2003, rules, regulations and notifications made there under, and judgments, decrees, injunctions, writs and orders of any court of record, applicable to this Agreement and the exercise, performance and discharge of the respective rights and obligations of the Parties, as may be in force and effect during the subsistence of this Agreement, as amended from time to time.
- 7) "Business Day" means a day other than Saturday, Sunday, or other day on which Scheduled Banks as defined under the Reserve Bank of India Act, 1934 are authorized or required by law to be closed.
- 8) "Buy Out Value" means the amount as specified in SCHEDULE B of this Agreement.
- 9) "Change in Law" means that after the date of this Agreement, an Applicable Law is amended, modified, nullified, suspended, repealed, found unconstitutional or unlawful, or changed or affected in any respect by any Applicable Law or by a judicial pronouncement or by subordinate legislations, or executive orders (including circulars and notifications) issued by jurisdictional authorities, which have an impact or implication upon the mutual or individual rights and obligations under and arising out of this Agreement.
- 10) "Commercial Operation Date/COD" means the date by which the first solar power plant is ready to supply electricity according to the terms of this agreement.
- 11) "Confidential Information" means information of a confidential or proprietary nature, whether or not specifically marked as confidential. Such information shall include, but not be limited to, any documentation, records, listing, notes, data, computer disks, files or records, memoranda, designs, financial models, accounts, reference materials, trade-secrets, prices, strategic partners, marketing plans, strategic or other plans, financial analyses, customer names or lists, project opportunities and the like, provided however that Confidential Information does not include information which
  - (i) was in the possession of the receiving Party before receipt from the disclosing Party;
  - (ii) is or becomes publicly available other than as a result of unauthorized disclosure by the receiving Party;
  - (iii) is received by the receiving Party from a third party not known by the receiving Party with the exercise of reasonable diligence to be under an obligation of confidentiality respecting the information; or
  - (iv) is independently developed by the receiving Party without reference to information provided by the disclosing Party.
- 12) "Dispute" means a controversy or claim arising out of or relating to this Agreement.
- 13) "Deemed Generation" As explained in SCHEDULE E
- 14) "Buy Out" means an amount determined in accordance with SCHEDULE B

For A. RENKAY PATIL INFRA PVT. LTD.  
  
AUTHORIZED SIGNATURE

PPA



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ADYPSOE, PUNE

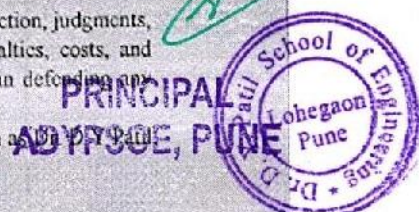




- 15) "Electric Service Power Producer" means any person, including the Local Electric Utility, authorized by the State of Maharashtra to provide electric energy and related services to retail users of electricity in the area in which the Site is located.
- 16) "Environmental Attributes" means, carbon trading credits, emissions reductions credits, emissions allowances, green tags, Green-e certifications, or other entitlements, certificates, products, or valuations attributed to the Project and its displacement of conventional energy generation, or any other entitlement pursuant to any central, state, or local program applicable to renewable energy sources, whether legislative or regulatory in origin, as amended from time to time, and excluding, for the avoidance of doubt, any Tax Incentives.
- 17) "Financing Party" means an entity funding the project and is appointed by the Power Producer in its sole discretion to be the Project Owner in its stead, and the term Financing Party shall be construed in accordance with the context in and for the purpose for which it is so used.
- 18) "Financing Agreement" shall mean any agreement/documents executed with the Financing Party.
- 19) "Force Majeure Event" means any act or event that prevents the affected Party from performing its obligations in accordance with this Agreement, if such act or event is beyond the reasonable control, and not the result of the fault or negligence, of the affected Party and such Party had been unable to overcome such act or event with the exercise of due diligence (including the expenditure of reasonable sums). Subject to the foregoing, Force Majeure Event may include but are not limited to the following acts or events:
- (i) natural phenomena, such as storms, hurricanes, floods, lightning and earthquakes,
  - (ii) explosions or fires arising from lightning or other causes unrelated to the acts or omissions of the Party seeking to be excused from performance; and
- acts of war or public disorders, civil disturbances, riots, insurrection, sabotage, epidemic, terrorist acts, or rebellion; Force Majeure Events shall not include equipment failures or acts or omissions of agents, suppliers or subcontractors, except to the extent such acts or omissions arise from a Force Majeure Event. Changes in prices for electricity shall not constitute Force Majeure Events.
- 20) "Governmental Authority" means any international, national, federal, provincial, state, municipal, county, regional or local government, administrative, judicial or regulatory entity operating under any Applicable Laws and includes any department, officers, commission, bureau, board, administrative agency or regulatory body of any government.
- 21) "Hazardous Materials" means all hazardous or toxic substances, wastes or other pollutants, including petroleum, petroleum hydrocarbons or petroleum products, petroleum by-products, radioactive materials, asbestos or asbestos-containing materials, gasoline, diesel fuel, pesticides, radon, urea formaldehyde, lead or lead-containing materials, polychlorinated biphenyls; and any other chemicals, materials, substances or wastes in any amount or concentration which are now included in the definition of "hazardous substances," "hazardous materials," "hazardous wastes," "extremely hazardous wastes," "restricted hazardous wastes," "toxic substances," "toxic pollutants," "pollutants," "regulated substances," "solid wastes," or "contaminants" or words of similar import, under any Applicable Law.
- 22) "Indemnified Person" means the person who asserts a right to indemnification under Clause 15.
- 23) "Indemnifying Party" means the Party who has the indemnification obligation under Clause 15 to the Indemnified Person.
- 24) "Initial Period" has the meaning provided in Clause 3.2.
- 25) "Land Registry" means the office where real estate records for the Site are customarily filed.
- 26) "Lender" means persons providing construction or permanent financing to Power Producer/Project Owner in connection with installation of the Plant.
- 27) "Liens" has the meaning provided in Clause 8.4.
- 28) "Local Electric Utility" means the local electric distribution owner and operator which under the laws of the State of Maharashtra is responsible for providing electric distribution and interconnection services to Offtaker at Site.
- 29) "Losses" means any and all losses, liabilities, claims, demands, suits, causes of action, judgments, awards, damages, cleanup and remedial obligations, interest, fines, fees, penalties, costs, and expenses (including all attorney's fees and other costs and expenses incurred in defending any such claims or matters or in asserting or enforcing any indemnity obligation).
- 30) "Offtaker" means Ajeenkya D Y Patil Infra Private Limited (Formerly known as D Y Patil Educational Enterprises Pvt. Ltd) and its successors and permitted assigns.
- 31) "Operations Period" has the meaning provided in Clause 3.3.
- 32) "Operations Year" means a twelve-month period beginning at 12:00 am on an anniversary of the Commercial Operations Date and ending at 11:59 pm on the day immediately preceding the next

26 Page  
For Ajeenkya D Y Patil Infra Pvt. Ltd.  
[Signature]  
AUTHORIZED SIGNATURE

PPA





anniversary of the Commercial Operations Date, provided that the first Operations Year shall begin on the Commercial Operations Date.

- 33) "Party" means either Offtaker or Power Producer, as the context shall indicate, and "Parties" means both Offtaker and Power Producer.
- 34) "Point of Delivery" has the meaning where solar power interconnection has been made to existing electrical infrastructure of Offtaker.
- 35) "Premises" means approximately 10000 sqm shadow free Rooftop area, and surrounding areas in the premises of Offtaker.
- 36) "Plant" means an integrated system for the generation of electricity from solar energy consisting of the photovoltaic panels and associated equipment to be installed on each of the Premises in accordance with this Agreement, but does not include land and its access rights.
- 37) "Project Owner" means, if applicable, any Person to whom Power Producer transferred the ownership interest in the Project.
- 38) "Power Producer" means ReNew Sun Flash Private Limited and all successors and assigns.
- 39) "Regulatory Charges" means Cross Subsidy, Electricity duty and any other charges as determined and demanded by "Local Electric Utility" or any other government Entity.
- 40) "Relocation Event" means the relocation of the Project, starting at the shutdown of the Project pursuant to such relocation, and ending at the commercial operation of the Project when such relocated Project is reinstalled at a new location, as determined by the Power Producer in its reasonable discretion.
- 41) "Site" means the real property described under Exhibit I.
- 42) "Tax Incentives" means the investment tax credits (including any grants or payments in lieu thereof) and any tax deductions or other benefits under the Income Tax Act, 1961, or applicable central, state, or local law available as a result of the ownership and operation of the Project or the output generated by the Project (including, without limitation, tax credits, any grants or payments in lieu thereof and accelerated and/or bonus depreciation for the time being in force.)
- 43) "Term" shall have the meaning provided in Clause 3 hereof.
- 44) Transfer/Completion Date shall mean either the date on which the termination is effected as per Clause 10.1 or if the above is not applicable the expiry of the Term of this Agreement.
- 45) "Variable Tariff" means the sum of energy charges applicable, from time to time to users falling within the category applicable for HT consumers.

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27 | Page  
of AJEENADY PATIL INFRA PVT. LTD.  
AUTHORIZED SIGNATURE



Schedules

SCHEDULE A. ENERGY PURCHASE RATES

Year	Tariff INR/kWh
1	5.70
2	5.70
3	5.70
4	5.70
5	5.70
6	5.70
7	5.70
8	5.70
9	5.70
10	5.70
11	5.70
12	5.70
13	5.70
14	5.70
15	5.70

Above Tariff exclusive of all Regulatory Charges that may become applicable on consumption of energy during the subsistence of this Agreement

Offtaker shall be responsible to bear all Regulatory Charges that may become applicable on consumption of energy during the subsistence of this Agreement

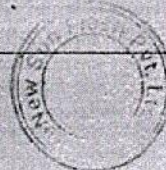


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ADYPSOE, PUNE



FOR A/c 28, PUNE

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**SCHEDULE B. BUY OUTS**

No purchase for a period of (5) years from the Commercial Operation Date of the Plant unless in the case of PPA Termination on account of default by Energy Buyer. Buyout Values at the end of different years are provided below.

Year	Buyback Value end of the Year (Rs./Wp)
No buyback	
Year 1	46
Year 2	43
Year 3	40
Year 4	37
Year 5	34
Year 6	31
Year 7	28
Year 8	25
Year 9	21
Year 10	18
Year 11	15
Year 12	12
Year 13	9
Year 14	6
Year 15	0.0001

The Offtaker will also need to bear all taxes as may be applicable for the purchase of the Plant from the Power Producer including but not limited to indirect and direct taxes and any and all other taxes that may be applicable upon the Offtaker.

**SCHEDULE C. Major Components of Solar Power Plant.**

**Major Components of a Solar PV Power Plant**

- Solar Modules - Poly Crystalline- Preferred Make (EMMVEE, Renesys, Adani or Equivalent)
- Module Mounting Structures
- Array Junction Box
- Solar Power Inverter-GoodWe, Solis, Sungrow, Delta or Equivalent
- AC distribution board / LT Panel - ABB/ L&T/ Schneider/ Siemens or equivalent
- Cables & Accessories - Polycab/ Siechem/ or equivalent
- Monitoring System
- Earthing/ Lightning Arrestors.
- Net Metering

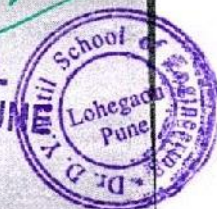
Point of Delivery: Main LT Panel of Premises

For AJEENKYADY PATIL INFRA PVT. LTD.

29



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**SCHEDULE D: Energy supplied including Deemed Generation at Delivery Point**

Yr	Energy in kWh/kWp
1	1485
2	1475
3	1464
4	1454
5	1444
6	1434
7	1424
8	1414
9	1404
10	1394
11	1384
12	1375
13	1365
14	1355
15	1346

- Capacity: Upto 800 kWp
- Global Horizontal Irradiation: 2000 kWh/m<sup>2</sup>
- Yearly Degradation: 0.7% yearly
- Settlement Period: One Year
- Guaranteed Power Supply 85%

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ANIL K. D. PATIL INFRA PVT. LTD.





**SCHEDULE E: Deemed Generation**

"Deemed Generation" for the year of operation, will be calculated based on methodology as explained below. Deemed Generation settlement will be done on Monthly basis.

**Methodology**

**Deemed Generation = Downtime X Expected Units Generation**

**Whereas:**

*Downtime = Duration of Downtime, as recorded by plant performance monitoring system, in minutes*

*Expected Units Generation = Value of energy production in kWh/kWp/Min. derived as in table 1*

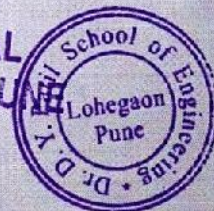
*Energy Production Yearly = 1485 kWh/kWp for 1st Year of operation, for 2<sup>nd</sup> year and rest of the PPA tenure Energy Production values will be summation of Billed units including Deemed Generation Units in preceding year factoring the degradation for that year.*

❖ Table-1: Methodology to Derive Expected Units Generation.

Description		Values	Unit
Energy Production -Yearly (EPY)	Yearly Generation	1485	kWh/kWp/Year
Monthly Production (MP)	MP=EPY/12	123.75	kWh/kWp/Month
Daily Production (DP)	DP=MP/30	4.125	kWh/kWp/Day
Hourly Production <sup>1</sup> (HP)	HP=DP/5.5	0.75	kWh/kWp/Hour
Expected Units Generation (EUP)	EUP=HP/60	0.0125	kWh/kWp/Min

<sup>1</sup> based on 5.5 hours of sunshine.

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For AJEENKYA DY PATIL INFRA PVT. LTD.

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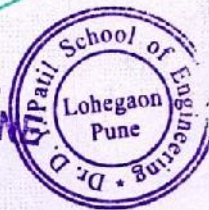


SOLAR FILE

INDEX OF DOCUMENTS

S. No.	Particulars
1.	Signed Power Sale Agreement dated 14.6.2019
2.	Techno Commercial Offer for 350 KWP Grid Tied Solar Photovoltaic Power Plant
3.	Certificate of Incorporation
4.	Ajeenkya D Y Patil
5.	Application for Load extension for consumer number 170149028500 dated 18.01.2019
6.	Certificate for change in Name of Company
7.	PAN
8.	Notice for exceeding Contract Demand 18.10.2016
9.	Electricity Bills copy of Dec'18, Sep'18,
10.	Notice for disconnection dated 5 Jan 2019
11.	Authorisation letter for follows during the name change
12.	Load extension process related to MSEDCL on behalf of ADYPIPL dated 18.01.2019
13.	Demand draft copy of 33,83,191/- dated 16.05.2019
14.	Operating hours/ shifts of Institutes at Pune Campus dated 1.2.2019
15.	Authorisation letter
16.	Application for sanction of additional load from 235KW/516KWA to 800KW/516KW in HT Power 22.01.2019
17.	Application for new connection of electricity supply
18.	Undertaking to MSEDCL
19.	Revised Application for sanction of additional load from 235KW/516KWA to 800KW/516KW in HT Power to 07.02.2019
20.	Application for change of email id and mobile number on electricity bill dated 18/3/2019
21.	Operating hours/ shifts of Institutes dated 1.2.109
22.	Submission of additional documents for Load Extension dated 1/2/2019 - 2 copies
23.	MSEDCL bill of March'2019
24.	MSEDCL bill statement of Mar'2019
25.	Application to reduce the amount of security deposit dated 5 <sup>th</sup> April 2019 with copies
26.	Authorisation letter given to Ohms Energy Pvt Ltd to submit documents to MSEDCL

Submitted  
on 10/11/2019  
Principal  
ADYPSOE, PUNE  
*[Signature]*





**POWER SALE AGREEMENT**

Between

**RENEW SUN FLASH PVT. LTD.**

And

**AJEENKYA D Y PATIL INFRA PVT. LTD.**

This Solar Photovoltaic Program Power Purchase / Sale Agreement ("Agreement") is made, entered into and effective as of this date the day of June 14, 2019 (the "Effective Date") by and between

ReNew Sun Flash Private Limited, a private limited company incorporated under the Companies Act, 1956, having its registered office at 138, Ansal Chambers II, Bikaji Cama Place, Delhi-110 066 and its corporate office ReNew.Hub, Commercial Block-1, Zone 6, Golf Course Road, DLF City Phase-V, Gurugram, 122009, Haryana, (hereinafter referred to as the "Power Producer", which expression shall, unless repugnant to the context or meaning thereof, include its successors and assigns) as party of the FIRST PART.

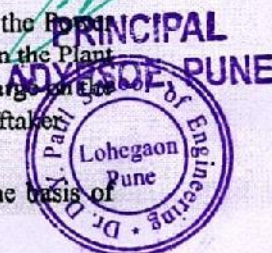
AND

Ajeenkya D Y Patil Infra Private Limited (Formerly known as Dr. D Y Patil Educational Enterprises Pvt. Ltd.), a company incorporated under the Companies Act, 1956, and having its registered office at Dr. D Y Patil Knowledge City, Charholi Bk, Lohegaon, Pune, Maharashtra-412105 (hereinafter referred to as the "Offtaker", which expression shall, unless repugnant to the context or meaning thereof, include all its successors and permitted assigns) as party of the SECOND PART.

The Power Producer and the Offtaker shall hereinafter be collectively referred to as the "Parties" and individually as "Party".

**1. RECITALS**  
**WHEREAS:**

- A. The Power Producer is engaged in the business of electricity generation through renewable resources.
- B. The Offtaker is a reputed company engaged in the business of Education with sufficient rooftop, parking and ground mounted area in its plant situated at Dr. D Y Patil Knowledge City, Charholi Bk, Lohegaon, Pune, Maharashtra which the Offtaker agrees to make available to the Power Producer or at the Power Producer's discretion, to its assignees for the construction, operation and maintenance of a solar power generating plant having a capacity upto 800 kWp (on RCC Roof, Parking and ground mount, can be change based on detail design and actual site condition) (hereinafter referred to as the "Plant"), and to purchase from Power Producer the electric energy produced from the Plant. Provided that the Power Producer shall provide the Offtaker with a list of such assignees. The Parties agree that the Power Producer or its assignees shall not have any lien on the Premises provided by the Offtaker in any shape or form whatsoever and the Offtaker and its assignees shall not have any lien on the Power Plant in any shape or form whatsoever.
- C. The Power Producer has represented to the Offtaker that the Plant shall be set up by the Power Producer. Further the Parties understand that the Power Producer may create a charge on the Plant excluding the Premises on which the Plant is erected, but in no event the creation of charge on the Plant shall have any effect on this Agreement and shall not affect the business of the Offtaker.
- D. The Parties by way of this Agreement wish to record the terms and conditions on the basis of







GOVERNMENT OF INDIA

MINISTRY OF CORPORATE AFFAIRS

Office of the Registrar of Companies, Pune  
Pune PMT Building, 3rd Floor, Deccan Gymkhana, null,  
Pune, 411004

**Certificate of Incorporation pursuant to change of name  
[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]**

Corporate Identification Number (CIN): : U80300PN2002PTC143483

I hereby certify that the name of the company has been changed from DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED to AJEENKYA D.Y. PATIL INFRA PRIVATE LIMITED with effect from the date of this certificate and that the company is limited by shares.

Company was originally incorporated with the name DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED

n under my hand at Pune this Twenty Fourth day of August Two Thousand Fifteen.

Validity: unknown  
Digitally signed by Ministry  
of Corporate Affairs - Govt  
of India  
Date: 2015.08.24 16:10:55  
GMT+05:30

VIJAYA NAGORAO KHANDARE

Registrar of Companies  
Registrar of Companies  
RoC-Pune

Mailing Address as per record available in Registrar of Companies office:

AJEENKYA D.Y. PATIL INFRA PRIVATE LIMITED  
Dr. D. Y. Patil Knowledge City, Charnoli Bk, Via Lohegaon,  
PUNE - 412105,  
Maharashtra, INDIA

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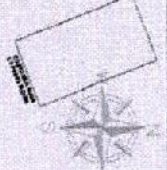
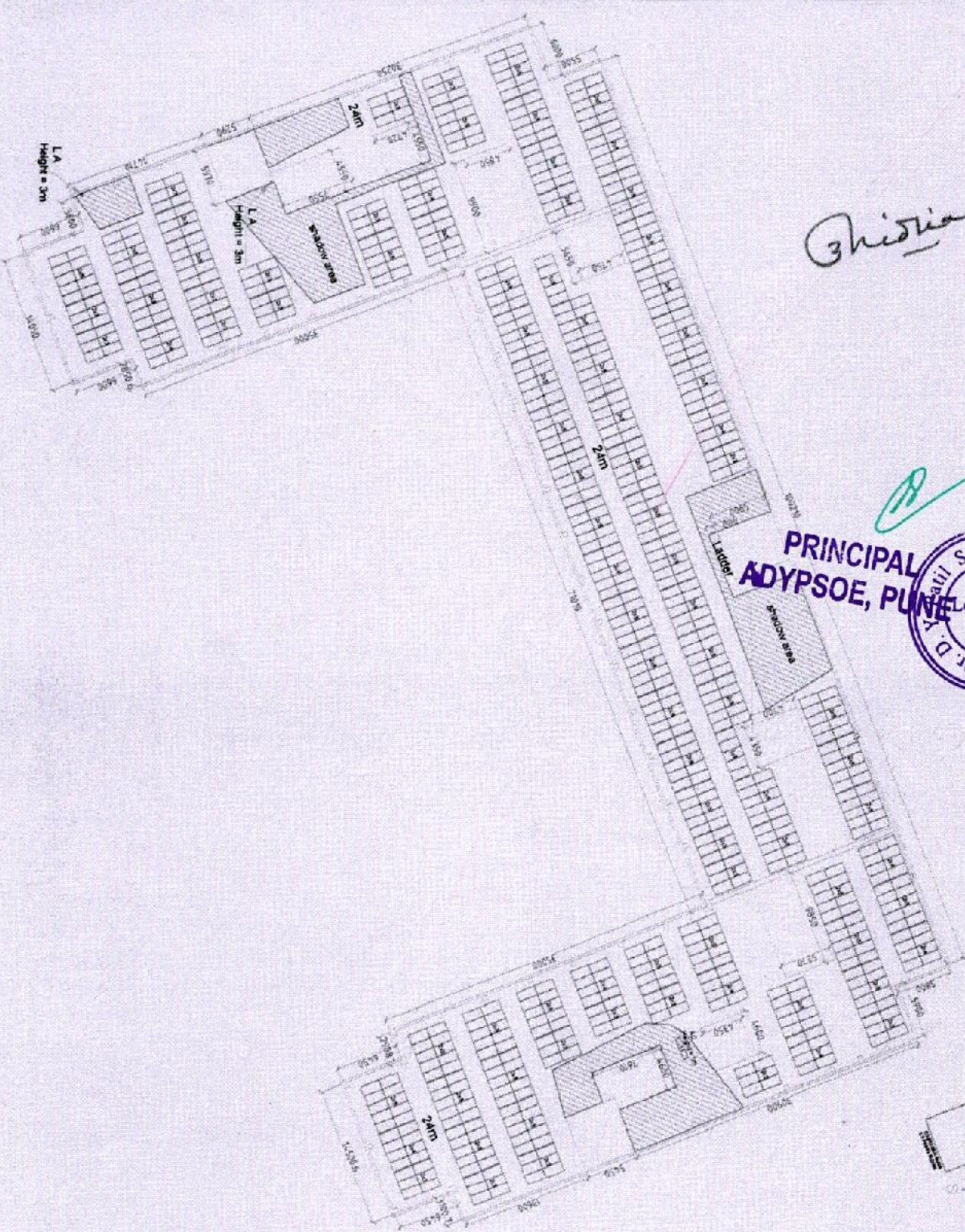
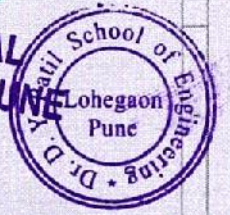




*Chidhar*

*B*

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- NOTES:
1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MM. OTHERS MENTIONED.
  2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWING SCHEDULE OF ITEM AND THE DIRECTION OF ENGINEER.
  3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENS BE FOLLOWED

LEGEND:-

SWATCH	CRECRETION
	PV MODULE
	PARABET WALL
	SHADOW AREA

**BUILDING BUILDING SUMMARY:**

NO. OF PV MODULES : 772 NOS

TOTAL NO. OF PV MODULES : 800 NOS

PV MODULE CAPACITY (MULTI-CRYSTALLINE) : 340 Wp

AREA : 317 SQ. M

WIND TILT : 15°

RENEW

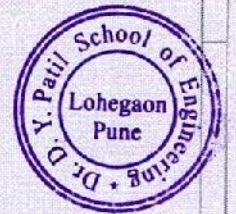
PROJECT CODE : A-88-00000000000000000000

DATE : 26.08.2018

APPROVED BY : 26.08.2018

LOCATION : PUNE, MAHARASHTRA





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ADYPSOE, PUNE



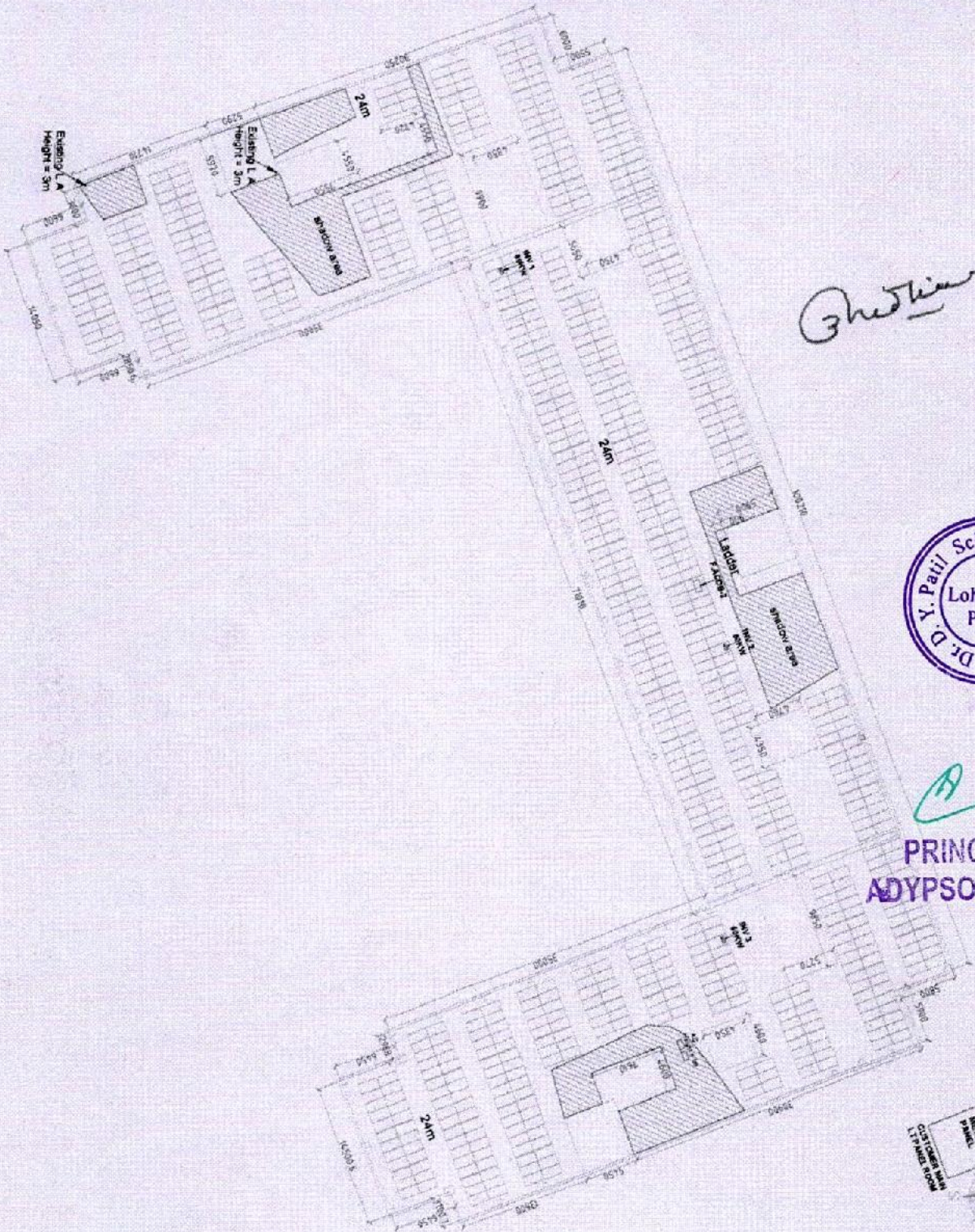
- NOTES:
1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MM OTHERWISE MENTIONED.
  2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWING SCHEDULE OF ITEM AND THE DIRECTION OF ENGINEER.
  3. DO NOT SCALE THE DRAWING OR ANY WRITTEN DIMENSIONS BE FOLLOWED.

LEGEND:	
SYMBOL	DESCRIPTION
	PV MODULE
	PALLET WALL
	SHADOW AREA
	INVERTER
	F.A.C.B.
	METERING PANEL

ENGINEERING BUILDING SUMMARY:

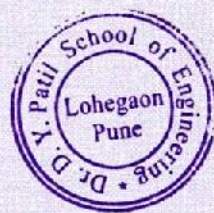
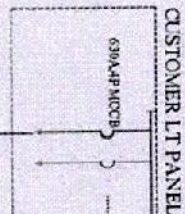
PROPOSED CAPACITY	277 MW
TOTAL NO. OF PV MODULES	800 NOS.
PV MODULE CAPACITY (WATTS/NO.)	347 WS
NO. OF INVERTERS	13
NO. OF F.A.C.B.	13
NO. OF METERING PANELS	13

PROJECT INFORMATION		REVISION	
DATE	25/08/2015	REVISION	CHANGES
PROJECT CODE		PROJECT NAME	
R. New		ADYPSOE, PUNE	
DATE	25/08/2015	REVISION	CHANGES
DATE	25/08/2015	REVISION	CHANGES
DATE	25/08/2015	REVISION	CHANGES
DATE	25/08/2015	REVISION	CHANGES
DATE	25/08/2015	REVISION	CHANGES
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DATE	25/08/2015	REVISION	CHANGES
DATE	25/08/2015	REVISION	CHANGES

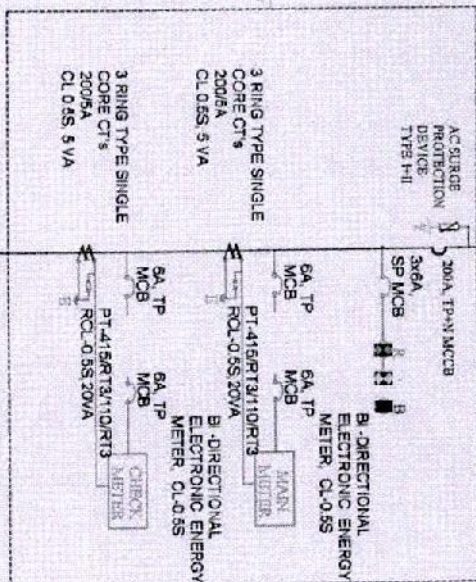




BUILDING NAME	Inverter Type	No of Strings	Module voltage (Vp)	No. of Modules	DC capacity (kW)
50 Sq	10 kW	50 kW			
5000-40000					

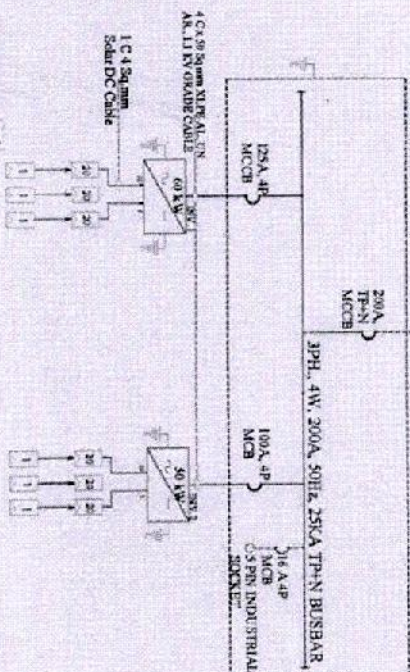


### METERING PANEL-1



18x3 SCX120 Sq mm XLPE AL.  
AR, 1.1kV GRADE CABLE

### FACDB-1



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ADYPSOE, PUNE

### NOTES

1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MET UNLESS OTHERWISE MENTIONED.
2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWING SCHEDULE OF ITEM AND THE DIRECTION OF ENGINEER DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENSIONS BE FOLLOWED.
3. ALL ALUMINUM CABLE SHALL BE USING BIVETALICUL.

### NOTE-

1. ALL RATINGS ARE SUBJECT TO CHANGE BASED ON VENDOR INFORMATION.
2. PROTECTION IN INVERTER.
3. PARTING OF METERING PANEL TO BE CONNECT WITH EXISTING PANEL FROM EARTHING OF THE CUSTOMER.

### LEGENDS

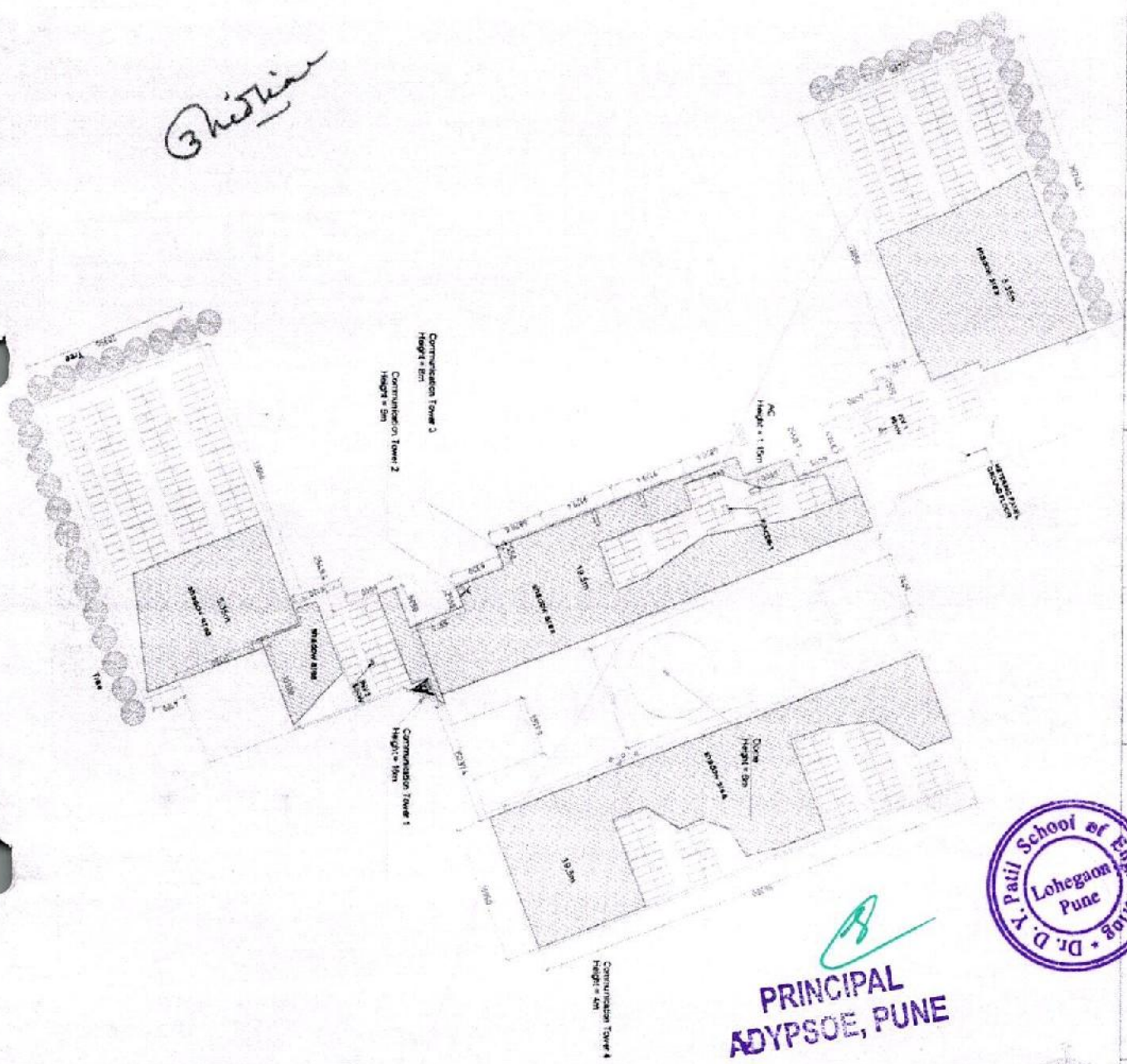
SYMBOL	DESCRIPTION
	LIGHTNING
	INVERTER WITH DC DISCONNECTOR & DC FUSE
	ISOLATOR
	MCB
	SURGE PROTECTION DEVICE
	CURRENT TRANSFORMER
	FUSE
	INDICATING LAMP

### RENEW

NO.	DATE	REVISION	BY	CHKD BY
1	20/08/2018	INITIAL DESIGN	...	...
2	20/08/2018	DESIGN COR.	...	...
3	20/08/2018	DESIGN COR.	...	...
4	20/08/2018	DESIGN COR.	...	...
5	20/08/2018	DESIGN COR.	...	...
6	20/08/2018	DESIGN COR.	...	...
7	20/08/2018	DESIGN COR.	...	...
8	20/08/2018	DESIGN COR.	...	...
9	20/08/2018	DESIGN COR.	...	...
10	20/08/2018	DESIGN COR.	...	...



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NOTES:

1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MM
2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWING SCHEDULE OF ITEM AND THE DIRECTION OF ENGINEER
3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENSIONS BE FOLLOWED

SYMBOL	DESCRIPTION
	PERFORATE
	PARAPET WALL
	DOVE
	TREE
	SHADOW AREA
	RIVER
	FILLS
	WRITING PANEL

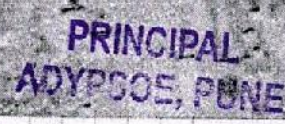
<b>DENTAL BUILDING SUMMARY:</b> PROPOSED CAPACITY TOTAL NO. OF PV MODULES PV MODULE CAPACITY (MULTI-CRYSTALLINE) AZIMUTH MOUNT TILT	142.8 KWS 422 HOS 240 WP 27° SE 15°
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[illegible]

STANTON UNIVERSITY	PROJECT CODE:	A200-00000000000000000000
	DRAW NO.:	A200-00000000000000000000
	NAME	CAGE

[illegible]





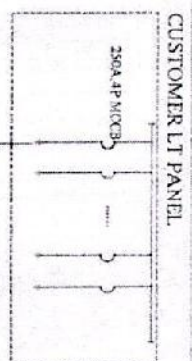
Christine

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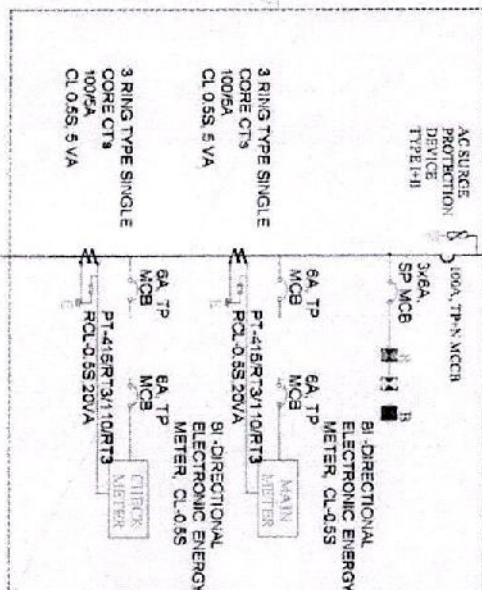


CUSTOMER LIFT PANEL

250A 4P MICO3

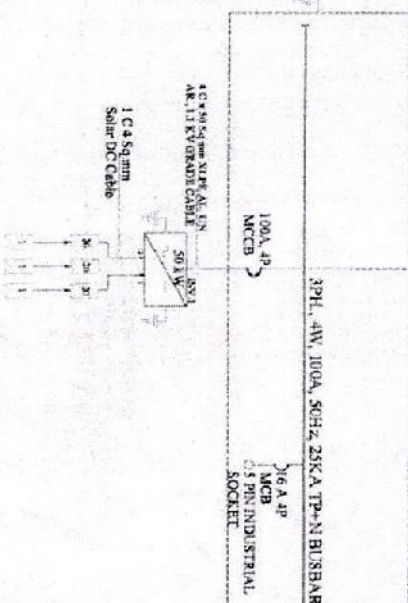


### METERING PANEL-1

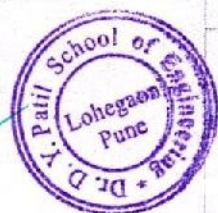


1RX35C×50 Sq mm XLPE AL  
AR, 1.1KV GRADE CABLE

## FACIDB-1



Christian



PRINCIPAL  
ADYPSOE, PUNE

1. ALL DIMENSIONS ARE IN METERS. LEVEL ARE IN METERS UNLESS OTHERWISE NOTED.
2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWING SCHEDULE OF ITEM AND THE DIRECTION OF ENGINEER.
3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENSIONS BE FOLLOWED.
4. ALL ALUMINIUM CABLE SHALL BE USING METALLIC LULU.

**NOTE:**










1. ALL RATINGS ARE SUBJECT TO CHANGE BASED ON  
VENDOR INFORMATION

## 2. PROTECTION IN INVERTER.

DO INPUT SIDE:  
15A FUSE PER STRING + 8, TYPE 2 SPD

TYPE 2 SPD

3. EARTHING OF METERING PANEL TO BE CONNECTED WITH EXISTING PANEL ROOM EARTHING OF THE CUSTOMER.

SYMBOL	DESCRIPTION
	IGNITION
	IGNITION WITH EC DISCONNECTOR ACTIVE
	ISOLATOR
	MCB
	MCCB
	SERIES PROTECTION DEVICE
	CURRENT TRANSFORMER
	FUSE
	INTERRUPTING LAMP

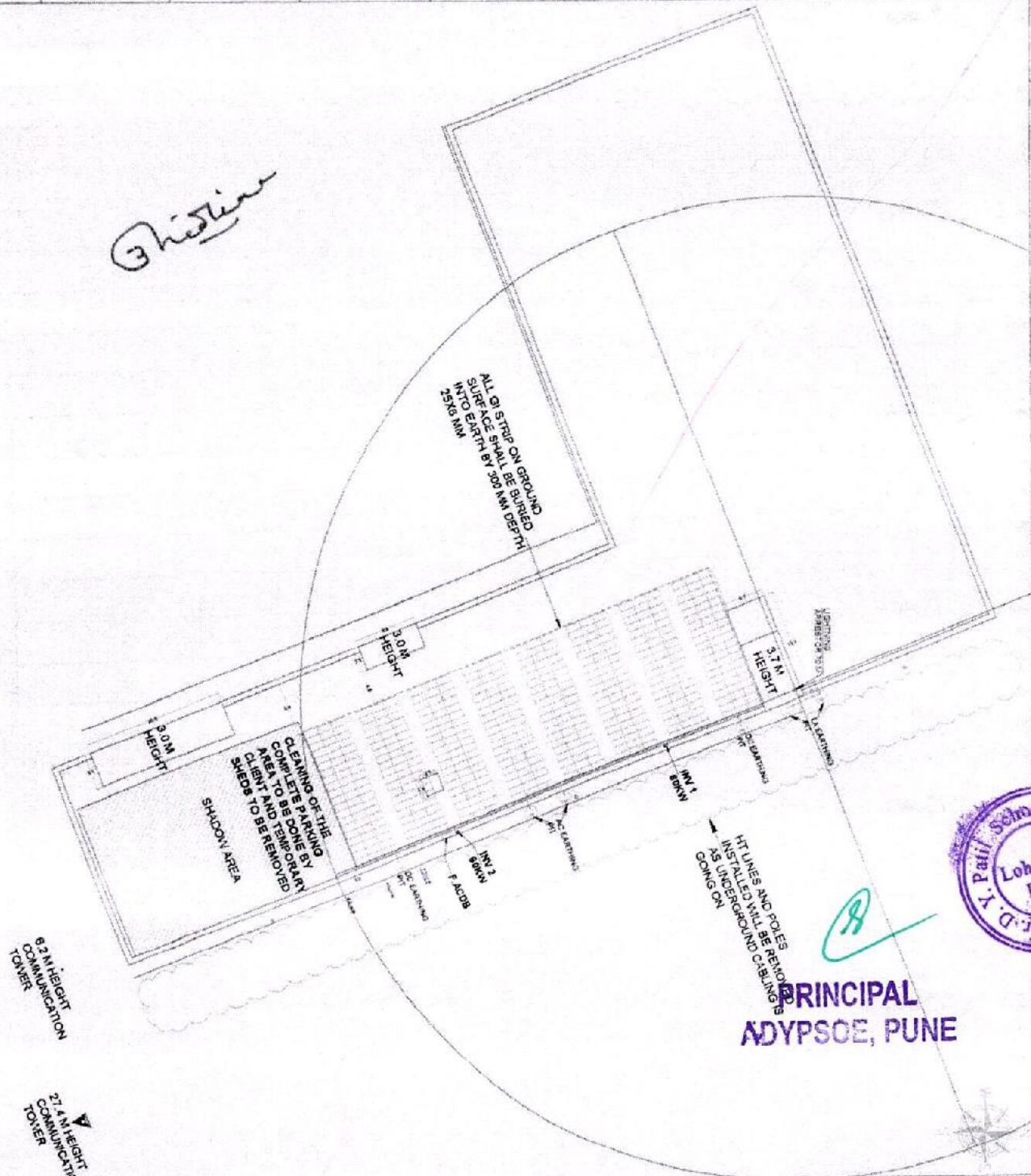
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**PRINCIPAL**  
**ADYPSOE, PUNE**

*Christine*



- NOTES:**
1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MM UNLESS OTHERWISE MENTIONED
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  3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENSIONS TO BE FOLLOWED

**LEGEND:**

SYMBOL	DESCRIPTION
	PV MODULE
	PARALLEL WALL
	DOCK
	SHADOW AREA
	AC LANDING 98
	DC LANDING 98
	LA LANDING 98
	IN 100KV
	FACB
	METERING PANEL

**NOTE:**  
25x6 HDGI STRIP with DMC Insulators  
(for All Branches to earth pit)  
10x2.55sqmm Cu Cable (for Module to Module Earthing)

**PARKING AREA SUMMARY:**

NO.	DESCRIPTION	AREA (SQ. M)	NO. OF VEHICLES
1	PARKING AREA	100.00	100
2	DRIVEWAY	50.00	50
3	ROADSIDE	20.00	20
4	SHED	10.00	10
5	TOILET	5.00	5
6	WATER TOWER	10.00	10
7	WATER TOWER	10.00	10
8	WATER TOWER	10.00	10
9	WATER TOWER	10.00	10
10	WATER TOWER	10.00	10

**PROJECT DATA:**

NO.	DESCRIPTION	DATE
1	DESIGN	10/10/2018
2	CONSTRUCTION	10/10/2018
3	COMPLETION	10/10/2018

**PROJECT DATA:**

NO.	DESCRIPTION	DATE
1	DESIGN	10/10/2018
2	CONSTRUCTION	10/10/2018
3	COMPLETION	10/10/2018



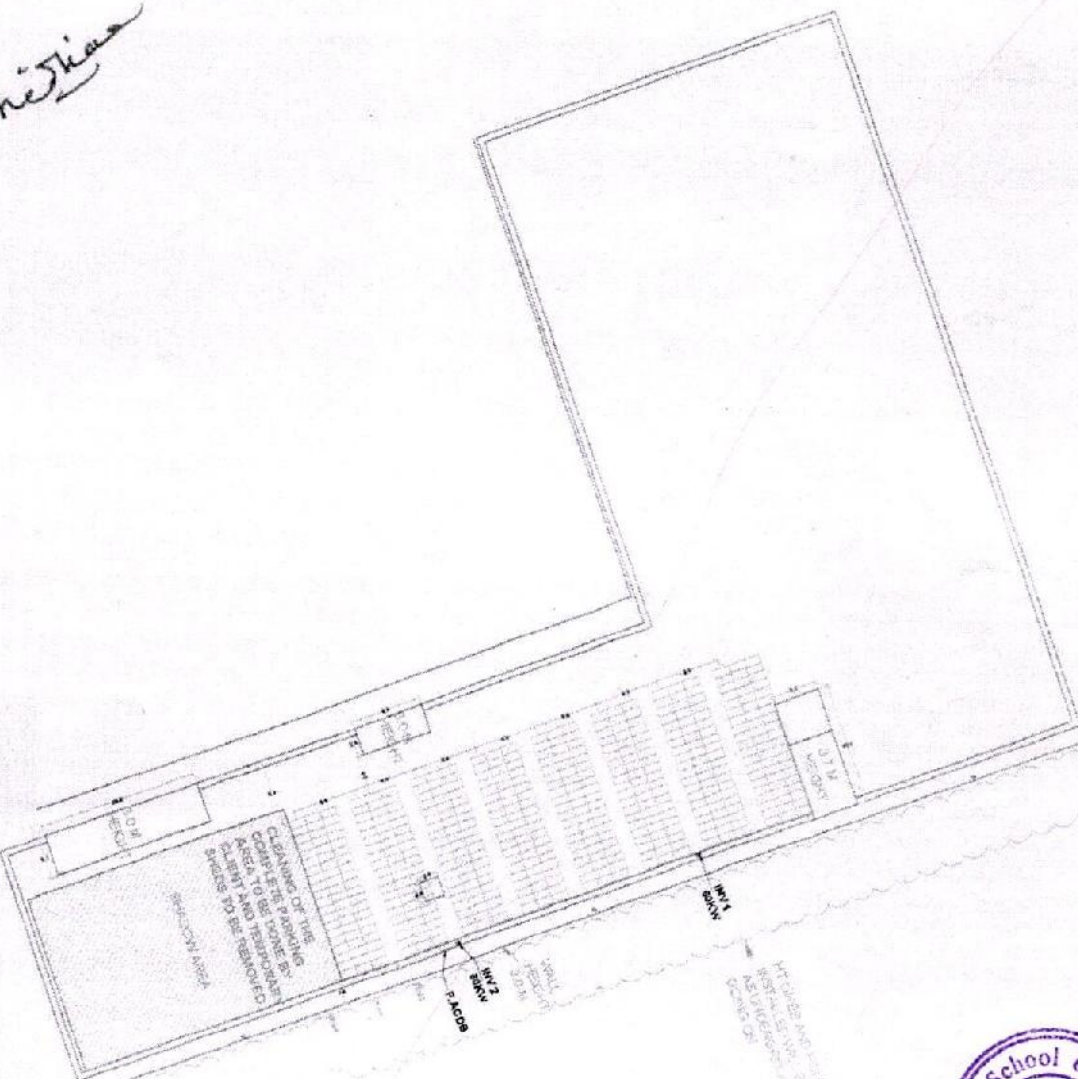




*Chetia*

32 M HEIGHT  
COMMUNICATION  
TOWER

32 M HEIGHT  
COMMUNICATION  
TOWER  
WATERING PUMP  
ENGINEERING  
PARKING AREA



**PRINCIPAL  
ADYPSOE, PUNE**



- NOTES:
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  3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENSION TO BE FOLLOWED.

SYMBOL	DESCRIPTION
	PAVEMENT
	GRASS
	SHADOW AREA
	RIVER
	ROAD
	WATERING PANEL

**PARKING AREA SUMMARY:**  
PROPOSED CAPACITY: 400 CARS  
TOTAL NO. OF PV MODULES: 400  
PV MODULE CAPACITY: 100 KW  
MINIMUM CLEARANCE: 2.2 M

**RENEW**

NO.	DESCRIPTION	QUANTITY	UNIT	REMARKS
1	PAVEMENT	1000	SQ. M	
2	GRASS	1000	SQ. M	
3	SHADOW AREA	1000	SQ. M	
4	RIVER	1000	SQ. M	
5	ROAD	1000	SQ. M	
6	WATERING PANEL	1000	SQ. M	





- 1505403

**NOTE:**

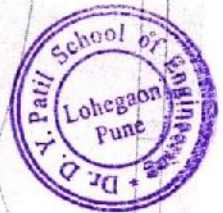
**ENGINEERING BUILDING SUMMARY:**  
PROPOSED CAPACITY  
TOTAL NO. OF PV MODULES  
PV MODULE CAPACITY (WATT/CRYSTALLINE)  
AZIMUTH  
INCL. TILT

204 KW  
500 NO  
33.6 KW  
21 SE  
15°

[illegible]



3rd floor



**PRINCIPAL**  
ADYPSOE, PUNE

- NOTES:
1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MM OTHERWISE MENTIONED.
  2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWN SCHEDULE OF ITEM AND THE DIRECTION OF ENGINE.
  3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMEN BE FOLLOWED.

LEGEND:

SYMBOL	DESCRIPTION
	PV MODULE
	PASTED WALL
	DOME
	TREE
	SHADOW AREA
	AC EARTHING PT
	DC EARTHING PT
	LA EARTHING PT
	INVERTER
	FACU
	METERING PANEL
	GI STRIP 25x3
	GI STRIP 25x3
	GREEN COPPER CABLE 2.5 SQMM
	LIGHTNING ARRESTER

**NOTE:**  
25x3 HDGI STRIP with DMC Insulators (if Rooftop branches)  
25x6 HDGI STRIP with DMC Insulators (for Main Branch Rooftop to earth pt)  
10x2 SSsqmm Cu Cable (for Module to M Earthing)

**DENTAL BUILDING SUMMARY:**  
PROPOSED CAPACITY: 142.8 NOS  
TOTAL NO OF PV MODULES: 420 NOS  
PV MODULE CAPACITY (WALL TOCRYSTALLINE): 210 KW  
AREA: 1500 SQ. FT.

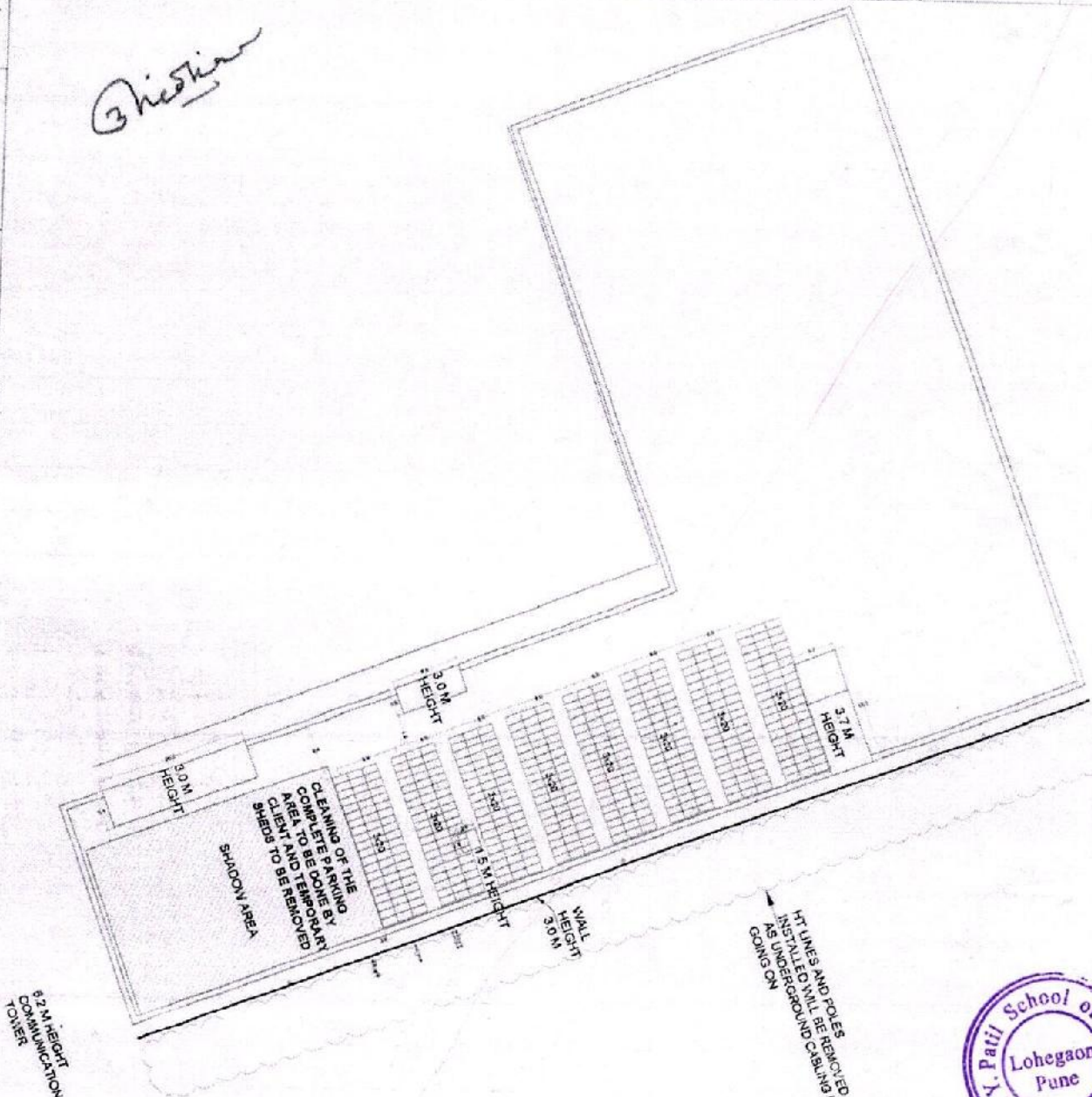
**RE New**

DATE	DESCRIPTION	REVISION	REVISION
20/08/2019	ISSUED FOR APPROVAL	01	01
20/08/2019	ISSUED FOR APPROVAL	02	02
20/08/2019	ISSUED FOR APPROVAL	03	03
20/08/2019	ISSUED FOR APPROVAL	04	04
20/08/2019	ISSUED FOR APPROVAL	05	05
20/08/2019	ISSUED FOR APPROVAL	06	06
20/08/2019	ISSUED FOR APPROVAL	07	07
20/08/2019	ISSUED FOR APPROVAL	08	08
20/08/2019	ISSUED FOR APPROVAL	09	09
20/08/2019	ISSUED FOR APPROVAL	10	10

DATE	DESCRIPTION	REVISION	REVISION
20/08/2019	ISSUED FOR APPROVAL	01	01
20/08/2019	ISSUED FOR APPROVAL	02	02
20/08/2019	ISSUED FOR APPROVAL	03	03
20/08/2019	ISSUED FOR APPROVAL	04	04
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20/08/2019	ISSUED FOR APPROVAL	06	06
20/08/2019	ISSUED FOR APPROVAL	07	07
20/08/2019	ISSUED FOR APPROVAL	08	08
20/08/2019	ISSUED FOR APPROVAL	09	09
20/08/2019	ISSUED FOR APPROVAL	10	10



Question



HIT LINES AND POLES  
INSTALLED WILL BE REMOVED  
AS UNDERGROUND CABLES  
GOING ON



A

PRINCIPAL  
ADYPSOE, PU

SWAP	DESCRIPTION
PV MODULE	
PARAFET WALL	
SHADOW AREA	

NOTES

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3. DONOT SCALE THE DRAWING ONLY WRITTEN DIMENSION TO BE FOLLOWED.

PARKING AREA SUMMARY:	
PROPOSED CAPACITY	163.2 VEH
TOTAL NO. OF PY MODULES	442 NO.
PY MODULE CAPACITY (W/ 7.0% CRYSTALLINE)	364.0 MP
ALUMINUM	21"
W/ 5% TILL	21"
MINIMUM CLEARANCE	2.1 M

Renew

DATE	20	20	20	20
NAME	NAME	NAME	NAME	NAME
ADDRESS	ADDRESS	ADDRESS	ADDRESS	ADDRESS
CITY	CITY	CITY	CITY	CITY
STATE	STATE	STATE	STATE	STATE
ZIP	ZIP	ZIP	ZIP	ZIP
TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE
DATE	DATE	DATE	DATE	DATE
NAME	NAME	NAME	NAME	NAME
ADDRESS	ADDRESS	ADDRESS	ADDRESS	ADDRESS
CITY	CITY	CITY	CITY	CITY
STATE	STATE	STATE	STATE	STATE
ZIP	ZIP	ZIP	ZIP	ZIP
TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE	TELEPHONE



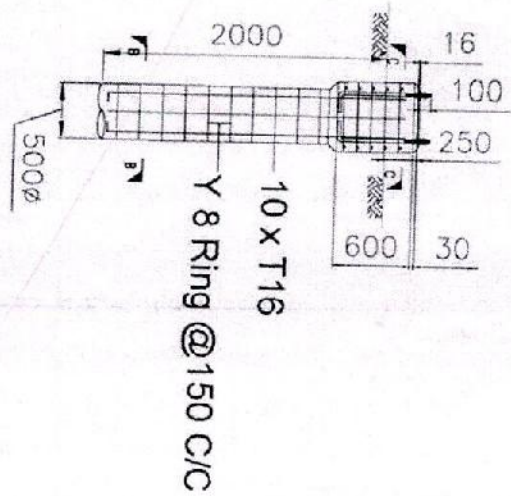


**PRINCIPAL**  
**ADYPSOE PUNE**

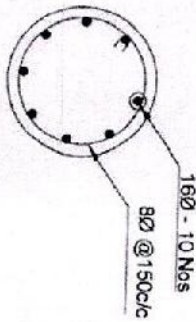
**NOTES:**

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.
2. ALL REINFORCEMENT STEEL SHALL BE PROVIDED PER IS 456:2000.
3. GRADE OF CONCRETE IS M20 UNLESS OTHERWISE SPECIFIED.
4. CEMENT TO BE USED SHALL BE PORTLAND POZZOLANA CEMENT.
5. BACK FILLING SHALL BE WELL COMPACTED TO 90% MODIFIED PROCTOR DENSITY.
6. ANCHOR BOLTS SHALL BE SET ACCURATELY AND HELD IN POSITION BY TEMPLATE BEFORE CONCRETING.
7. THE ANCHOR BOLTS SHALL BE CLASS 5 OR HIGHER. ALL FOUNDATION BOLTS SHALL BE HOT DIP GALVANIZED TO ITS FULL LENGTH WITH MIN. GALVANIZATION COATING OF 45 MICRONS.
8. ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED AT SITE.
9. ANY AMBIGUITY IF FOUND, SHALL BE BROUGHT TO THE NOTICE OF DESIGN ENGINEER.

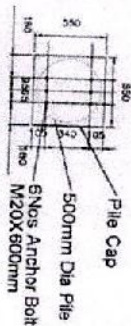
\*\*\* REQUIRED PROTECTION ARRANGEMENT FOR STEEL COLUMN SHALL BE PROVIDED AS PER SITE CONDITION TO AVOID DAMAGES OF STRUCTURE DUE TO MOVEMENT OF VEHICLE \*\*\*



**E/S OF PILE & PILE CAP**



**SECTION : BB  
PILE SCHEDULE**



**SECTION : CC  
PILE CAP SCHEDULE**

**PILE & PILE CAP REINFORCEMENT DETAIL**

NO.	DATE	REVISION	DESCRIPTION	REVIEWED BY	CHECKED BY
1	14/04/2018		INITIAL SUBMISSION		
2	14/04/2018		REVISION		
3	14/04/2018		REVISION		
4	14/04/2018		REVISION		
5	14/04/2018		REVISION		
6	14/04/2018		REVISION		
7	14/04/2018		REVISION		
8	14/04/2018		REVISION		
9	14/04/2018		REVISION		
10	14/04/2018		REVISION		
11	14/04/2018		REVISION		
12	14/04/2018		REVISION		
13	14/04/2018		REVISION		
14	14/04/2018		REVISION		
15	14/04/2018		REVISION		
16	14/04/2018		REVISION		
17	14/04/2018		REVISION		
18	14/04/2018		REVISION		
19	14/04/2018		REVISION		
20	14/04/2018		REVISION		



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**LEGEND:**

SYMBOL	DESCRIPTION
[Symbol]	PA MODULE
[Symbol]	PAGE/WALL
[Symbol]	DOVE
[Symbol]	SHADOW AREA
[Symbol]	AC EARTHING PIT
[Symbol]	DC EARTHING PIT
[Symbol]	LA EARTHING PIT
[Symbol]	INVERT
[Symbol]	FACE
[Symbol]	MEETING PANEL

**NOTE:**

25x3 HDGI STRIP with DMC Insulators (for Rooftop branches)  
 25x6 HDGI STRIP with DMC Insulators (for Main Branch Rooftop to earth pit)  
 1x2.5Sqmm Cu Cable (For Module to Module Earthing)

**HOSTEL BUILDING SUMMARY:**  
 PROJECT LOCATION: PUNE  
 TOTAL NO. OF PA MODULES: 612  
 PA MODULE CAPACITY (EULI CRYSTALLINE): 180000  
 AREA: 180000  
 MASS: 180000

NO.	DATE	REVISION	BY	CHKD BY
01	01/11/2018	ISSUED FOR TENDER		
02	01/11/2018	REVISION		
03	01/11/2018	REVISION		
04	01/11/2018	REVISION		
05	01/11/2018	REVISION		
06	01/11/2018	REVISION		
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10	01/11/2018	REVISION		

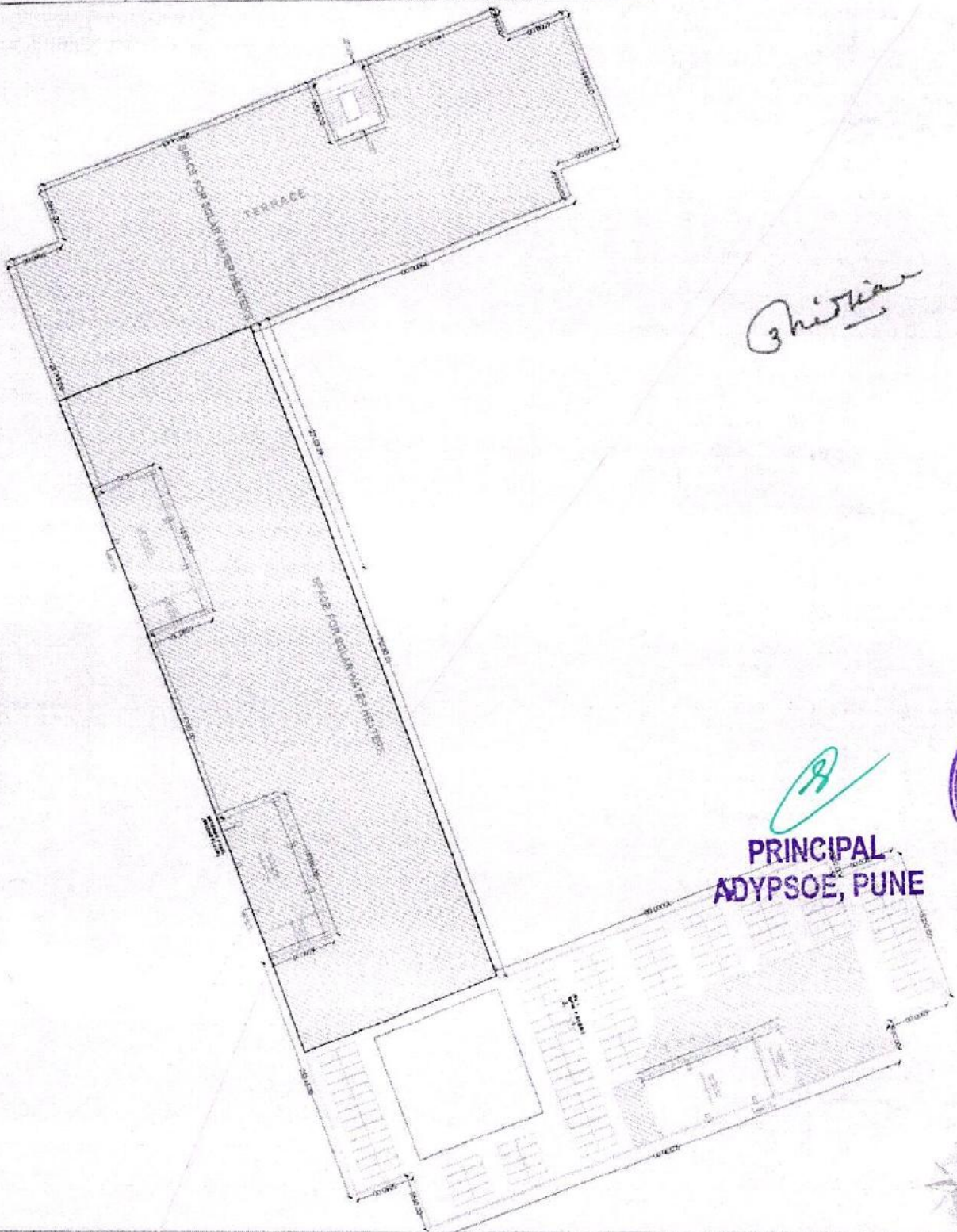


*Signature*

**PRINCIPAL  
ADYPSOE, PUNE**







*Christian*

*R*  
**PRINCIPAL  
ADYPSOE, PUNE**



- NOTES:**
1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MM. OTHERWISE MENTIONED.
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LEGEND:	
SYMBOL	DESCRIPTION
	P/MODULE (375 x 60)
	SHADOW AREA
	RIVER
	AOD
	METING PANEL

**HOSTEL BUILDING SUMMARY:**  
 PROPOSED CAPACITY: 112 NO  
 TOTAL NO OF PV MODULES: 180 NO  
 PV MODULE CAPACITY (WATT): 150 W  
 MINS TILT: 15°

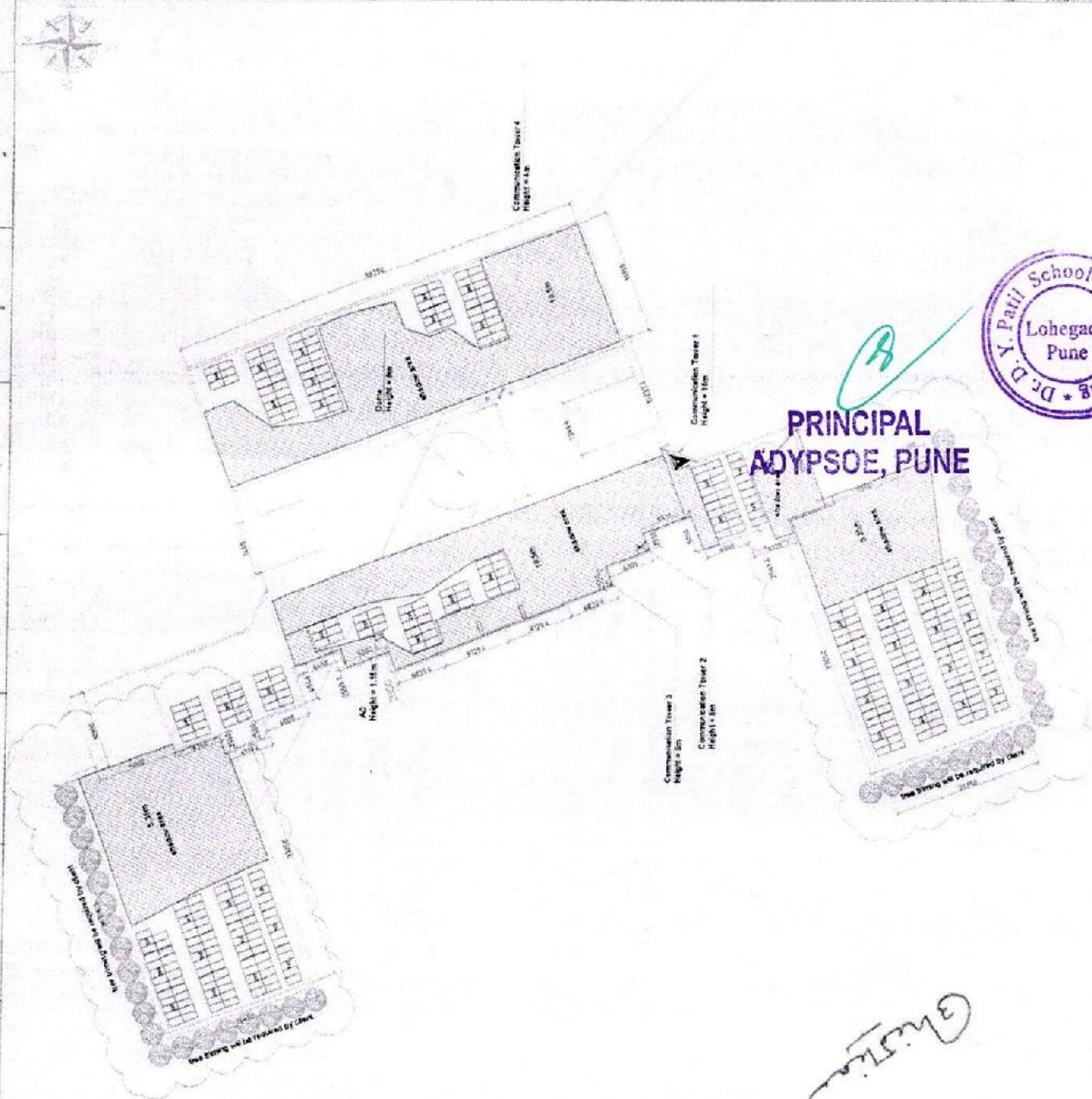
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03	01/01/2019	REVISED BY: 150 WATT	ADYPSOE	ADYPSOE
04	01/01/2019	REVISED BY: 150 WATT	ADYPSOE	ADYPSOE
05	01/01/2019	REVISED BY: 150 WATT	ADYPSOE	ADYPSOE
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07	01/01/2019	REVISED BY: 150 WATT	ADYPSOE	ADYPSOE
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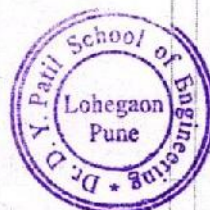
1. ALL DIMENSIONS ARE IN METERS & LEVEL ARE IN MM, UNLESS OTHERWISE MENTIONED.
2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWING SCHEDULE OF ITEM AND THE DIRECTION OF ENGINEER.
3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENSION TO BE FOLLOWED.

SYMBOL	DESCRIPTION
	PV MODULE
	PARAPET WALL
	DOME
	TREE
	SHADOW AREA

**DENTAL BUILDING SUMMARY:**  
PROPOSED CAPACITY  
TOTAL NO. OF PV MODULES  
PV MODULE CAPACITY (M.P.T. CRYSTALLINE)  
AZIMUTH  
WAS 13.1  
WAS 13.1

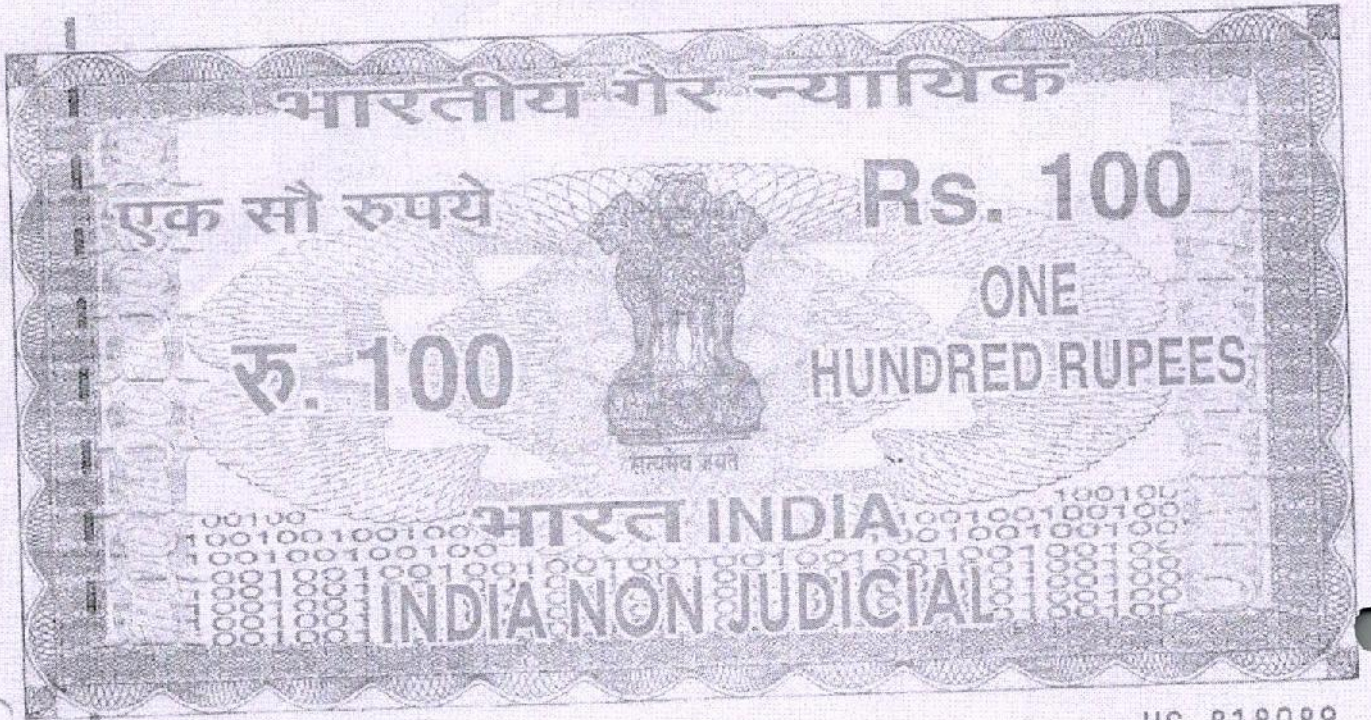
[illegible]

PRINCIPAL  
ADYPSOE, PUNE



3/11/19





महाराष्ट्र MAHARASHTRA

© 2018 ©

US 818089

मुद्रांक विक्री नोंदवही अनु. क्रमांक 96/686 दिनांक 31 JAN 2019

दस्तावा प्रकार- प्रतिज्ञापत्र

मुद्रांक शुल्क रक्कम 900/-

दस्त नोंदणी करणार आहे की?

होय(Yes)/ नाही(No)

मिळकतीचे धोंडपत्ता अर्थात-

मुद्रांक विकत घेणाऱ्याचे नांव

दुसऱ्या पक्षाचा नांव

हस्त असल्यास त्याचे नांव

अजेनक्या डी पटिल इन्फ्रा प्रायव्हेट लिमिटेड  
रिचर्ड कोरकर

29 JAN 2019

रवि शं. भिरजकर

लट. नं. HVL VIII-2201096

विशेषतः, पुरी-32.

मुद्रांक विकत घेणारे/ हस्त करणारी वारी

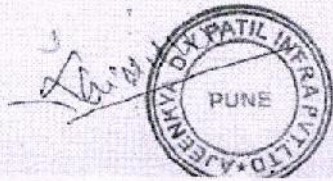
या कारणासाठी ज्यांनी मुद्रांक घेतला त्यांनी त्याच कारणासाठी  
मुद्रांक खोदी केल्याबाबत 6 महिन्यांत तापली येवनाऱ्याक आहे.

UNDERTAKING

PRINCIPAL

ADYPSOE, PUNE

We, AJEENKYA DY PATIL INFRA PVT LTD (Previously known as D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED) at D Y PATIL KNOWLEDGE CITY, CHAROLI BUDRUK, VIA LOHEGAON, PUNE-412105, today on date 1/2/19 having seen and understood provisions under Hon. Maharashtra Electricity Regularity Commission (Electricity Supply Code and other Conditions of supply ) Regulations, 2005, voluntarily undertake to







महाराष्ट्र MAHARASHTRA

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US 818090

मुद्रांक विक्री नोंदवही अनु. क्रमांक 96688 दिनांक 31 JAN 2019

दस्तावेजा प्रकार- प्रतिज्ञापत्र

मुद्रांक शुल्क रक्कम 900/-  
होय (Yes) / नाही (No)

मिळविलेली थोडक्यात वर्णन-

मुद्रांक दिवस देणाऱ्याचे नाव आशिष उषा पाटील

दुसऱ्या पक्षाचा नाव

हस्त अस्तावस्त त्यांचे नाव

डिपक कोरकर

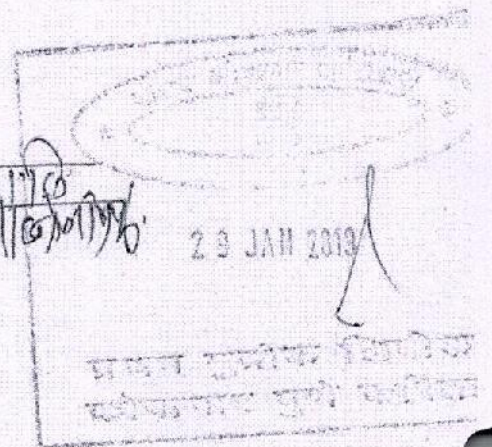
रविंद्र शं. वित्तकर

स. नं. HVL VIII-2201098

विशेषता. पुणे-32.

मुद्रांक विक्री देणारे/ हस्त प्रतिलिपी आहे

कारभारालागी मालकी मुद्रांक खरेदी करीत त्यांनी त्याच कारभारासाठी मुद्रांक खरेदी केलेल्यासून ६ महिन्यात बांधणी देणकारक आहे.



execute the all the relevant works covered under the sanctioned technical estimate related to  
supply to our project Viz (Name of Project).

**PRINCIPAL**  
**ADYPSOE, PUNE**

M/s OHMS Energy Pvt Ltd, License no- 30797, Mumbai through licensed electrical  
contractor and will strictly observe all the provisions under IE rules 1956 and provisions under

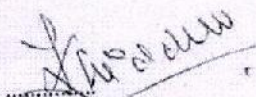




Hon. Maharashtra Electricity Regulatory Commission (Electricity Supply Code and Other Conditions of Supply) Regulations 2005.

It is further undertaken that we will pay Supervision Charges @ 1.3% of total cost or any other charges applicable as per above regulation and will not claim any refund or adjustment or compensation on account of execution of work covered under above provisions under Hon. Maharashtra Electricity Regulatory Commission (Electricity Supply Code and other Condition of Supply) Regulations, 2005.

It is further undertaken that work to be executed by us will be completed within 90 days from date of such sanction and withdrawing permission if any given for partial load.

(Signature) 



Name (Builder/ Applicant /Developer): **Ajeenkya DY PATIL INFRA PVT LTD (Previously known as DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED)**

(Stamp of the company) .....

(Signature).....

Name: **OHMS Energy Pvt. Ltd.**

(Stamp Indicating license no. Etc.)

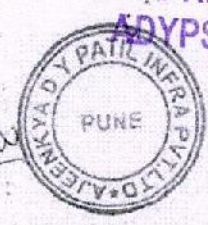
Witness:

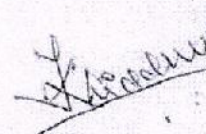
1) Name and Designation : .....(Signature).....

2) Name and Designation : .....(Signature).....



**PRINCIPAL  
ADYPSOE, PUNE**









**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED**  
(A Govt. of Maharashtra undertaking)  
CIN : U40109MH20055GC153645

Office of the Superintending Engineer  
Ganeshkhind Urban Circle  
2<sup>nd</sup> Floor, "Prakash Bhavan"  
S.B. Road, Ganeshkhind, Pune-411016  
No.SE/GKUC/T/HT/Add/

Phone: 020 - 25630057 (O)  
: 020 - 25630040 (P)  
Email: seganeshkhind@mahadiscom.in  
Website: www.mahadiscom.in

Date: 07 FEB 2019

NO 784

To,  
Dr. D.Y. Patil Educational ENT Pvt Ltd  
D.Y. Patil Knowledge City  
Charholi Budruk  
Via Lohegaon  
Dist Pune  
(Mob No 9860485741)

**Sub: - Revised Application for sanction of add load from 235 KW/516 KVA to 800 KW/850KVA in HT power at above mentioned address. (HT No 170149028500)**

**Ref: -1.** Your revised application received on Dtd. 02/02/2019

Sir,

We are in receipt of your application under reference for sanction of add load from 235 KW/516 KVA to 800 KW/850 KVA in HT power at above mentioned address. (HT No 170149028500). The application registered in online New connection module with application ID No.

Your application is forwarded to Executive Engineer, MSEDCL, O&M Division, Bhosari for load survey and necessary estimate for work to be carried out. You are requested to contact the Executive Engineer, MSEDCL, Bhosari and EE (Testing), GKUC, Testing Division for site visit/ technical survey and fixing up point of supply.

Thanking you.

(K B Patil)

Executive Engineer (Admin)  
GKUC, Pune.

**Copy to:-**

**1. The Executive Engineer, MSEDCL, O&M Division, Bhosari**

..... For technical survey, feasibility, fixing point of supply and estimate as per provisions/time limits of commercial circular No.291 & MERC SOP. Submit neat sketch of point of supply indicating clearly work involved for giving said power supply including any shifting of H.T./L.T. line if any in consultation with EE(Testing) as per MSEDCL's norms. Also verify the other details like arrears/theft case/any other connection/s in same premises and submit certificate to that extent. Copy of the proposal submitted by prospective consumer is attached herewith.

**2. The Executive Engineer, MSEDCL, GKUC Testing Division, Chinchwad, Pune**

..... For fixing point of supply and metering specifications as per provisions/time limits of commercial circular No.291 & MERC SOP. Copy of the proposal submitted by prospective consumer is attached herewith.

**3. The Add. Executive Engineer, MSEDCL, O&M Sub-Division, Bhosari.**

..... For necessary action as above. Copy of the proposal submitted by prospective consumer is attached herewith.

**PRINCIPAL  
ADYPSOE, PUNE**







## AJEENKYA D Y PATIL INFRA PVT. LTD.

Letter No.: ADYPU/2019/008

Date: 18/3/2019

To,

The Superintending Engineer (O&M),  
MSEDCL Circle,  
Ganeshkhind, Pune, Maharashtra.

**Subject:** Application for the change of e-mail id and mobile no. on electricity bill

Dear Sir,

With reference of the above subject matter, we would like to intimate your good self that we have changed the name DR DY PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED (Consumer no. 170149028500) to **AJEENKYA D.Y. PATIL INFRA PRIVATE LIMITED**. In-line with the same we want to change the e-mail id [vivek.urdhwarashe@rediffmail.com](mailto:vivek.urdhwarashe@rediffmail.com) to [adp@dypatil.com](mailto:adp@dypatil.com) and mobile no. 9860485741 to 7028395599 in our electricity bill, as the person left who handled the old e-mail id. and mobile no.

Consumer Number: 170149028500

Meter Number: 053-03179004

Kindly accord your consideration to our above request and complete the process of change of e-mail id and mobile no. as soon as possible.

This is for your information, records and necessary action please.

With Regards,

Authorized Signatory

Ajeenkya D Y Patil Infra Pvt. Ltd.

- CC: 1) The Executive Engineer (O&M), Bhosari Division  
2) DY Engineer (O&M) Bhosari Sub-Division

Encl: Certificate from Office of Registrar of Companies



मिळाले  
22.3.19  
आवक लिपिक  
प्र.स.वि.वि.क.म., ग.श.म. पुणे





## AJEENKYA D Y PATIL INFRA PVT. LTD.

Date: 1<sup>st</sup> Feb 2019

Ref no: ADYPIPL/DG/SolarOHMS/21012019

The Superintending Engineer (O&M),  
MSEDCL, Ganeshkhind Circle,  
Pune, Maharashtra- 411016

**Subject: Operating hours/ shifts of Institutes**

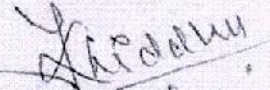
Dear Sir,

Following are the timings institute wise.

Sr no	Institute	No of Hours
1	Dental School	8 hrs
2	D Y Patil International School	8 hrs
3	School of Engineering	10 hrs
4	School of Engineering and Technology	10 hrs
5	School of Architecture	8 hrs
6	School of Management	10 hrs
7	Ajeenkya DY Patil University	10 hrs
8	Hostel	24 hrs

In view of above, operating hours for the institute are 10 hours and 24 hours for the hostel

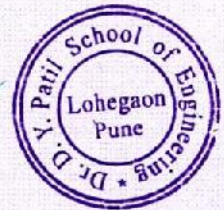
With Regards,

  
Authorized Signatory  
Ajeenkya DY Patil Infra Pvt Ltd





**PRINCIPAL  
ADYPSOE, PUNE**







## AJEENKYA D Y PATIL INFRA PVT. LTD.

ADYPIPL/OG/MSEDCL/1022019

Date: 1 / 2/2019

The Superintending Engineer,  
Ganeshkhind Urban Circle,  
2<sup>nd</sup> Floor "Prakash Bhavan"  
S.B.Road, Pune, Maharashtra.

**Subject:** Submission of Additional Documents for Load Extension

**Ref:**

- I. Our Load Extension Application Submitted Dtd 21/01/2019.
- II. Your letter No.: SE/GKUC/T/HT/Add/No-477 Dtd 22/01/2019.

Dear Sir,

With reference to above subject matter and vide Ref no. SE/GKUC/T/HT/Add/No-477 dated 22 Jan 2019, kindly find attached the additional documents required for Extension of load from 235KW to 800KW in HT Power at our premises- Dr D Y Patil Educational Ent Pvt Ltd., D Y Patil Knowledge City, Charholi Budruk, Via Lohegaon, Dist. Pune (HT No 170149028500)

- I. 1.3% Consent letter for paying Supervision Charges on Rs 200 bond Paper.
- II. Number of Shifts required /Working Hours.
- III. Authorization to Electrical Contractor.
- IV. Valid Electrical Contractor License Certificate Copy.
- V. Authorized Signatory Pan Card.

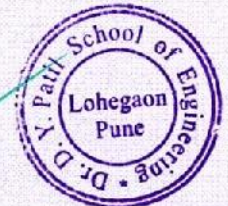
We look forward to your continued coordination & positive response for further processing.

This is for your kind information, records & necessary action

Thanking You,

With Regards,

Authorized Signatory



**Copy:**

1. The Executive Engineer, MSEDCL, O&M Division, Bhosari.
2. The Executive Engineer, MSEDCL, GKUC Testing Division, Chinchwad, Pune.
3. The Add. Executive Engineer, MSEDCL, O&M Sub-Division, Bhosari.

PRINCIPAL  
ADYPSOE, PUNE



4/8/2019

HT/LTIP Energy Bill



Web Self Service

Web Self Service Home &gt; Energy Bill

Welcome DR. D.Y. PATIL EDUCATIONAL ENT. PVT.LTD. Logout

Energy Bill

View Printable Version

My Account

Change Password

Update Profile

Consumption Calculator

Energy Bill Calculator

New Connection Request

Track Status, Upload Documents &amp; Pay Charges



Maharashtra State Electricity Distribution Co.Ltd.

BILL OF SUPPLY FOR THE MONTH OF MAY 2019 201903151711803

GSTIN: 27AA ECH293K3ZB

www.mahavitaran.co.in

HSH CODE: 27160800

GANESHKIND CIRCLE : 517

BHOSARI DIVISION : 309

BHOSARI-II SUB-DIVN : 615

Consumer No. :	170149028500	BILL DATE	02-04-2019	18,83,960.00
Consumer Name :	DR. D.Y. PATIL EDUCATIONAL ENT. PVT.LTD.	DUE DATE	16-04-2019	
Address :	D Y PATIL KNOWLEDGE CITY CHAROLI BUDRUK , VIA LOHEGAON	IF PAID UPTO	08-04-2019	18,68,700.00
		IF PAID AFTER	16-04-2019	19,07,510.00
		Last Receipt No./Date	0027128537 /13-03-2019	
		Last Month Payment	27,18,260	
		Scale / Sector	Medium Scale / Private Sector	
Village :	PUNE	Pincode :	412105	
Email ID :	adp@diypatil.com	Activity :	Miscellaneous	
Mobile No. :	7028395599	Meter No.:	053-03179004	Seasonal : N
Tariff :	170 HT-IX B	Connected Load (KW):	235.00 KW	Urban/Rural Flag : U
Contract Demand (KVA) :	516.00	50% of Con. Demand(KVA) :	258.00	Feeder Voltage (KV) :
Sanctioned load (KW) :	235.00			22
Date of Connection :	02-07-2005	Category :		GSTIN :
Supply at :	HT	Elec. Duty :	06	PAN :
Prev. Highest (Mth) :	FEB	Bill Demand (KVA) :	392	AAATD9542N
Security Deposit Held Rs. :	13,33,927.88	Adsl. S.D. Demanded Rs.	00.00	
Bank Guarantee Rs. :	0.00	S.D. Arrears Rs. :	00.00	

## BILLING HISTORY

Bill Month	Consumption (Units)	Bill Demand (KVA)	Bill Amount
Feb 2019	118,936	392	27,18,260.59
Jan 2019	130,664	390	29,23,517.58
Dec 2018	67,760	297	20,36,575.71
Nov 2018	72,344	361	21,12,503.59
Oct 2018	136,376	489	31,72,074.26
Sep 2018	117,836	516	27,10,983.35
Aug 2018	65,952	394	7,74,301.10
Jul 2018	110,500	378	12,00,414.80
Jun 2018	95,264	367	10,82,526.51
May 2018	120,436	375	13,23,480.73
Apr 2018	117,656	489	13,20,821.34
Mar 2018	106,080	477	11,73,646.87

**CUSTOMER CARE Toll Free No.**  
**1912, 1800-102-3435,**  
**1800-233-3435**

For making payment of Energy Bill through RTGS/NEFT mode, use following details

- Beneficiary Name: MSEDCL
- Beneficiary Account Number: MSEDCL01170149028500
- IFSC Code: YESBOCMSNOC (fifth character is zero and tenth character is "0")
- Name of Bank: Yes Bank
- Name of Branch: CMS NATIONAL OPERATING CENTRE MMR

Disclaimer: Please use above bank details only for payment against consumer number mentioned in beneficiary account number.

## CURRENT CONSUMPTION DETAILS

Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 31-03-2019	2881509.000	3141030.000	1048171.600	102833.000	111.341	112.063
Previous 28-02-2019	2847637.000	3107053.000	1046403.000	101524.000		
Difference	33872.000	33977.000	1768.000	1309.000		
Multiplying Factor	4.000	4.000	4.000	4.000	4.000	4.000
Consumption	135488.000	135908.000	7072.000	5236.000	445.364	448.252
LT Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	0.000	0.000	0.000
Assessed Consump	0.000	0.000	0.000	0.000	0.000	0.000
Total Consumption	135488.000	135908.000	7072.000	5236.000	445.000	448.000

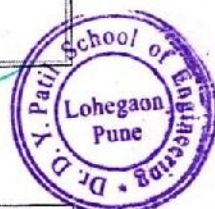
## BILLING DETAILS

Billed Demand (KVA)	448	@ Rs.	350	Demand Charges	1,56,800.00
Assessed P.F.		Avg. P.F.	0.996	Wholesaling Charge	51,485.44
Billed P.F.	0.996	L.F.	35	Energy Charges	13,07,459.20
Consumption Type	Units	Rate	Charges Rs.	TOD Tariff EC	-21,040.00
Industrial	0	9.65	0.00	FAC	86,712.32
Residential	0	5.73	0.00	Electricity Duty	3,32,097.56
Commercial	135,488	9.65	13,07,459.20	Other charges	00.00
E.D. on(Rs)	Rate %	Amount Rs.		Tax on Sale @ 19.04 Ps/U	25,796.92
0.00	9.3	332097.56		P.F. Penal Charges/P.F. Inc.	-55,349.59
0.00	16	0.00		Charges For Excess Demand	00.00
1,581,416.95	21	0.00		Debit Bill Adjustment	00.00
TOD Zone	Rate	Units	Demand	Charges Rs.	TOTAL CURRENT BILL
0000 Hrs-0600 Hrs&	-1.50	39524	217.00	-59,286.00	18,83,961.85
2200 Hrs-2400 Hrs					Current Interest 31-03-2019
0600 Hrs-0900 Hrs&	0.00	54860	411.00	00.00	00.00
1200 Hrs-1800 Hrs	0.80	23228	448.00	18,582.40	Principle Arrears
0900 Hrs - 1200 Hrs	1.10	17876	208.00	19,653.60	00.00
1800 Hrs-2200 Hrs					Interest Arrears
					00.00
					Total Bill (Rounded) Rs.
					18,83,960.00
					Delayed Payment Charges Rs.
					23,549.52
					Amount Payable 16-04-2019 After
					Amount Rounded to Nearest Rs.(10/-)
					19,07,510.00

As per MERC order for Case No 321 of 2018 revised Cheque Bounce charges of Rs. 750 plus GST or Bank charges whichever is higher will be applicable from 01 September 2018.  
 Message: Tariff Revised wef 01-09-2018/Please refer hard copy of

DPC:23,549.52  
 After this date: 16-04-2019  
 Pay Rs. 19,07,510.00

Pay Now



PRINCIPAL  
 ADYPSOE, PUNE



user ID-7028395599

PW - Dyprc 7899H  
(CP)

MAR 2019

201903151711802

GANESHKHIND CIRCLE BHOSARI DIVISION 309 B BHOSARI-II SUB-DIVN 615 251  
 170149028500 DY PATIL 02-04-2019  
 16-04-2019 18,83,960.00  
 DR. D.Y. PATIL EDUCATIONAL ENT. PVT.LTD. 08-04-2019 18,68,700.00  
 D Y PATIL KNOWLEDGE CITY 16-04-2019 19,07,510.00  
 CHAROLI BUDRUK, VIA LOHEGAON 0027128537 / 13-03-2019  
 27,18,260.00

PUNE

412105

Medium Scale

Private Sector

adp@dypatil.com

7028395599

053 - 03179004

Load Shed Ind

INDUST

170 HT-IX B

235.00

U

No

516

258.00

22

LIS Indicator :

235

old trf HT-IX B

02-07-2005

PUBL. SERVICES OTH

HT

06 PART B

AAATD9542N

FEB

Prev. Highest Bill Demand (KVA) : 393

13,33,927.88

0.00

0.00

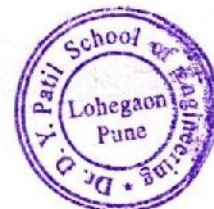
0.00

FEB-19	1,18,936	393	27,18,261
JAN-19	1,30,664	390	29,23,518
DEC-18	87,760	297	20,36,576
NOV-18	72,344	361	21,12,504
OCT-18	1,36,376	489	31,72,074
SEP-18	1,17,836	516	27,10,983
AUG-18	65,952	394	7,74,301
JUL-18	1,10,500	378	12,00,415
JUN-18	95,264	367	10,82,527
MAY-18	1,20,436	375	13,23,481
APR-18	1,17,656	489	13,20,821
MAR-18	1,06,080	477	11,73,647

For making Energy Bill payment through RTGS/NEFT mode, use following details

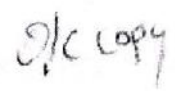
- o Beneficiary Name: MSEDCL
- o Beneficiary Account Number: MSEDCL01170149028500
- o IFS Code: YESB0CMSNOC (fifth character is zero and tenth character is "O")
- o Name of Bank: Yes Bank
- o Name of Branch: CMS NATIONAL OPERATING CENTRE MMR

Disclaimer: Please use above bank details only for payment against consumer number mentioned in beneficiary account number.



PRINCIPAL  
ADYPSOE, PUNE





Date: 5<sup>th</sup> April 2019

The Superintending Engineer (O&M),  
MSSEDCL Circle,  
Ganeshkhind, Pune, Maharashtra.


**Ref.:** 1. Letter No. ADYPU/2019/002 Dt. 18/01/2019  
2. Letter No. SE/GKUC/T/HT/Add/DDF-1.3%/Bhosari/19-20/02/01782 Dt. 04/04/2019

Dear Sir,

With reference of the above subject matter and references mentioned, we would like to bring this to your kind notice that we are the active consumer of MSEDCCL under HT IX B (Public Services) Category under Charholi Section of Bhosari Division under Ganeshkhind Circle. We have been repeatedly penalized with some amount in each month's energy consumption bill, since our consumption crosses Sanctioned Demand Load capacity. So in view of the same, we had already requested for the enhancement of Sanction Load vide Letter No. ADYPU/2019/002 Dt. 18/01/2019, which further has been approved from your office vide Letter No. SE/GKUC/T/HT/Add/DDF-1.3%/Bhosari/19-20/02/01782 Dt. 04/04/2019.

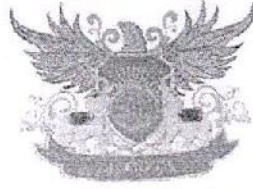
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	No. of Working
--	----------------



पुणे भावक लिपिक  
— वि. वि. हा. म. ग. श. म. पुणे





## AJEENKYA D Y PATIL INFRA PVT. LTD.

Ref no: ADYPIPL/MSEB\_OG/5042019

Date: 5<sup>th</sup> April 2019

The Superintending Engineer (O&M),  
MSEDCL Circle,  
Ganeshkhind, Pune, Maharashtra.

**Subject:** Application to reduce the amount of Security Deposit against the Electric Consumer Number-170149028500 for Ajeenkya DY Patil University, Charholi, Pune under Bhosari Division of Ganeshkhind Circle of MSEDCL.

**Ref.:** 1. Letter No. ADYPU/2019/002 Dt. 18/01/2019  
2. Letter No. SE/GKUC/T/HT/Add/DDF-1.3%/Bhosari/19-20/02/01782 Dt. 04/04/2019

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8.4.2019  
आवक / जावक लिपिक  
म.रा.वि.वि.कं.मार्फ.  
रूपनिनाग भोसरी.

PRINCIPAL  
ADYPSOE, PUNE







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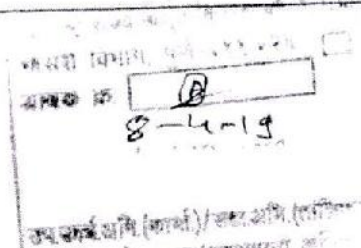
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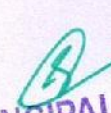
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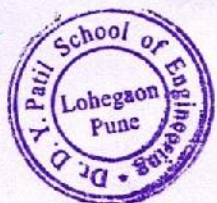
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**ADYPSOE, PUNE**







## AJEENKYA D Y PATIL INFRA PVT. LTD.

### Authorization Letter

We, **AJEENKYA DY PATIL INFRA PVT LTD.** (Previously known as **DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED**) having **Commercial HT Power Supply at D.Y. PATIL KNOWLEDGE CITY, CHAROLI BUDRUK, VIA LOHEGAON, Pune -412105 (HT No 170149028500)**, Hereby authorize **M/s OHMS ENERGY PVT LTD**, Licensed Electrical Contractor having **License No: 30797, Mumbai** on behalf of our above said firm to sign all **M.S.E.D.Co.Ltd** Documents including agreement form

We agree to all terms and conditions laid in the **M.S.E.D.Co.Ltd** Supply Condition and in the agreement.

Thanking you,



For

**Ajeenkya D Y Patil Infra Pvt Ltd**

(Previously known as **DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED**)







**SOLITIS**  
Electrical Solutions Pvt. Ltd.  
Transforming Vision into Reality

## Solitis Electrical Solutions Pvt. Ltd.

'C' Wing, 2nd Floor, 35, Shreenath Plaza, FC Road,, Shivaji Nagar, Pune 411005, Maharashtra, India

Ref No.:- SESPL/18-19/Q-1070/R1

27.10.2018

**Dr.D.Y.Patil Knowledge City**  
Lohgaon, Pune

**Kind** Mr. Sushant Patil  
**Attn.:-**

**Subject:-** Techno Commercial Offer for 350 KWp Grid Tied Solar Photovoltaic Power Plant through Net Metering (OPEX Based Solar Project)

**Ref:-** Site Visit Dated 25.09.2018 & Your Electricity Bills

Dear Sir,

Referring your discussion with regard to your **Grid Tied Solar Photovoltaic Power Plant**. Based on the data/information and documents shared during discussion, we are pleased to submit our offer for above mentioned details.

- Annexure I** Introduction  
**Annexure II** System Proposed & Offer at a Glance  
**Annexure** Scope of Work  
**III**  
**Annexure** Technical Specifications & BOM  
**IV**  
**Annexure V** Price Schedule, Commercial Terms & Conditions

We sincerely trust that you will find the offer in line with your requirement. We will be more than glad to provide any clarification you may require in connection with said offer

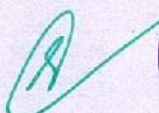
We would therefore sincerely request you to kindly give us an opportunity to work with your esteemed organization and suggest us a suitable date, so that we can make a presentation on the proposed system.

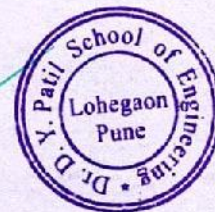
Thanking you and assuring you of our best services.

Yours truly,

For Solitis Electrical Solutions Pvt. Ltd.

Rohit Deshpande  
Encl.: As above

  
**PRINCIPAL**  
**ADYPSOE, PUNE**





Ref.: - SESPL/18-19/Q-1070/R1  
Date: - 27/10/2018



### Annexure I Introduction

The Solar PV Plant that you would setup for Captive use would be highly economic and the Power that's generated by the plant shall be utilized in the facility itself thereby saving on the electricity cost from the transmission line.

Our scope of work would include, Turnkey EPC up to final synchronization with the existing power supply, comprising of design and engineering, supply of all materials, installation, testing, commissioning and Operation & Maintenance of PV Solar Power System.

#### Advantages of Solar PV Project:

##### Individual Benefits:-

1. Optimal utilization of available roof (as source of revenue/saving)
2. Reliable power supply in all climatic conditions - Rainy, winter & Summer Season.
3. Consumer becomes generator for his own electricity requirements.
4. Boost Property Value or Increase probability to quick sell of Property

##### Individual Financial Benefits:-

5. Zero investment; electricity at reduced power rate and power is free after PPA tenure
6. Start saving on electricity bill from first day without investing
7. No recurring cost of fuel and no moving parts, thus a very low or negligible Operation & Maintenance Cost.
8. Our 25-year warranties leave you worry-free
9. Reduction of power bill by supplying surplus electricity to local electricity supplier as per the declared Solar Tariff \*Conditions Applicable
10. Avoid ever-increasing electricity rates and peak hour rates
11. Battery elimination makes easy installation and reduced cost of system
12. Solar power produced in summers saves on winter costs
13. Generation is during the day time when demand is high.

##### Environmental Benefits:-

14. Solar Energy is clean, renewable, sustainable and environment friendly.
15. Reduces Global Warming.
16. Saving of fossil fuels like coal and other Petroleum product





Ref.: - SESPL/18-19/Q-1070/R1  
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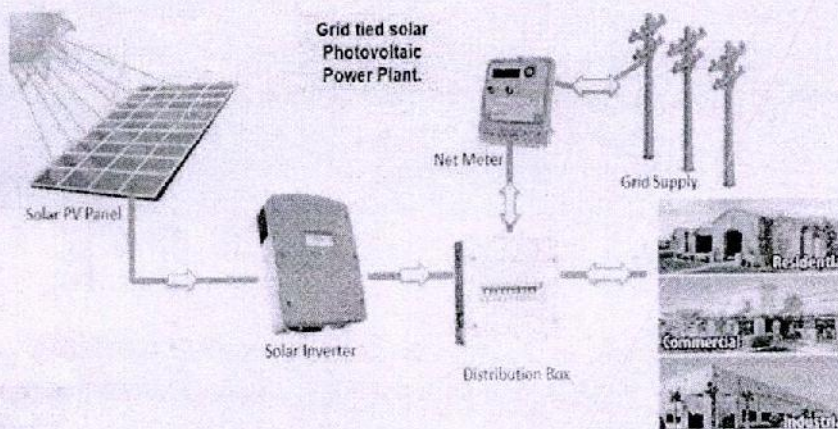


#### Key Differentiators

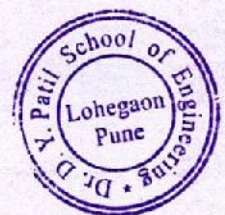
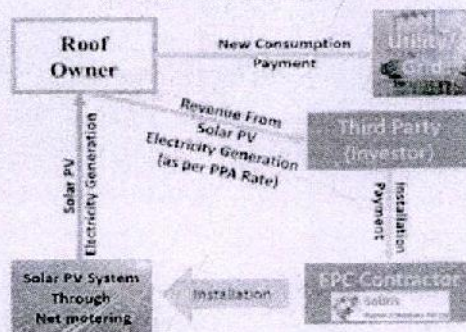
1. All the components of reputed make
2. Solitis Quality Assurance – Quality and Timely deliver in the solar industry.
3. Complete Transparency
4. Dedicated Workmanship

#### Annexure II System Proposed

The proposed system is 350 KW Grid tied solar Photovoltaic Power Plant.



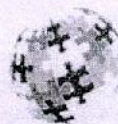
#### OPEX / BOOT MODEL





Ref.: - SESPL/18-19/Q-1070/R1


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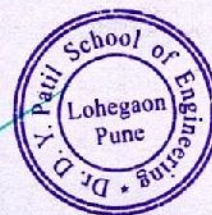


**SOLITIS**  
Electrical Solutions Pvt. Ltd.  
Transforming India's Power

**Offer at a Glance**

Sr. No	Particulars	Details
1	System Capacity	350 KW
2	Type	Rooftop Grid Tied System
3	Area Requirement	Total South facing shadow free roof top area required will be around 35,000 sq. ft. Approx.
4	Project Generation	5,07,500 kWhr PA (units) approximately annually from system, with a reduction of 1% in Generation every year.
7	Weight	The weight of the Solar system is @20kg/m2. Approx.
8	Mounting Structure	Fixed Structure, mounted on Aluminum / Galvanized frames structure with orientation of solar modules to the south.
8	Completion period	The project will be commissioned within 10-12 Weeks from the date of Power Purchase Agreement.
9	Operation & Maintenance	<p>The Project will be operated and maintained under the supervision of Solitis.</p> <p>The cleaning of Modules will be done on regular basis. The cleaning of panels will be done through periodic wiping or washing which is under the scope of the Investor in OPEX Model.</p>
10	Government Approvals & Clearances	We shall be responsible for getting Government Approvals and Clearances required for the project. The official fees towards the several approvals shall be borne by you.

  
**PRINCIPAL**  
**ADYPSOE, PUNE**





Ref.: - SESPL/18-19/Q-1070/R1  
Date: - 27/10/2018




### Annexure III Scope of Work

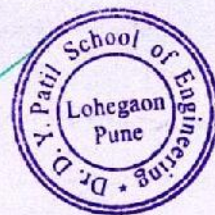
#### **Solitis Electrical Solutions Pvt. Ltd.**

- Site Survey.
- Preparation of detailed project report.
- Detailed design and construction drawing.
- Project planning and project management.
- Project procurement.
- Installation of the PV on the roof top.
- Termination, testing and validation.
- Project commissioning.
- Load Extension along with Net metering except Official fees directly payable to MSEDCL.
- Project handover.

#### **Client**

- Providing of South facing shadow free area.
- Arrangement of Electricity, Water for cleaning of panels with fresh water during the execution and after commissioning of the project.
- Construction / Provide Control Room
- Distribution of power generated from the system from the control Room
- Providing a Three phase connection in the control room.
- Consume entire or partial power generated through solar during the day time.
- All official fees/charges towards obtaining Statutory Clearances/Permits
- Internet Connection up to Inverter Locations
- Suitable space for earthing pits

  
**PRINCIPAL  
ADYPSOE, PUNE**



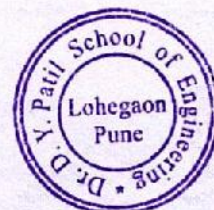


Ref.: - SESPL/18-19/Q-1070/R1  
Date: - 27/10/2018



**Annexure IV**  
**Technical Specifications**

<b>1</b>	<b>Solar Module</b>	
	Capacity	350 KWp
	Type of cell	Poly crystalline silicon
	No of Cells	60-70
	Efficiency	>15%
	Performance Warranty	Guaranteed output of 90% for 10 years and 80% for 25 years under STC
	Approvals & Certificates	IEC 61215 ,IEC 61730
<b>2</b>	<b>Structure</b>	
	Structure Type	Suitable for Industrial Rooftop
	Construction Material	Aluminum / MS Hot Dip Galvanized
<b>3</b>	<b>Inverter/Power Conditioning Unit</b>	
	Inverter Output Power	350 KW (Suitable Size of Multiple Inverters will be provided according to layout. Inverters will be selected to achieve max generation from existing layout)
	No. of MPPT	As per Inverter
	Inverter Efficiency	97%+
	Duty	Continuous
	Waveform	sine wave
	Ambient	0 to +60 deg. C.
	Protection	IP under voltage, IP over voltage, OP overload, OP short – circuit
	Output Regulation	+/- 25%
	Output Frequency	Three Phase , 50 Hz.
	Input DC bus voltage variation	+/- 25%
	Relative Humidity	98%
	Instrumentation	Output Voltage, current & kWh
	Power Device	IGBT
	Control	Pulse Width Modulation
	Power Factor	0.8
	Protection Class	As per IEC 62103 for Both DC and AC.
	Approvals & Certificates	EC 62109-1 and 2
<b>4</b>	<b>Copper Cables</b>	IS Copper cables of 1.1kv grade PVC insulated



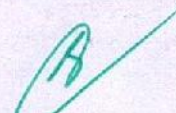


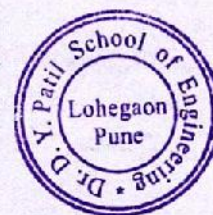
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Date: - 27/10/2018



**Tentative Bill of Material**

Sr. No	Description	Make
1	PV Module – 325 to 340 Wp Polycrystalline - 350 KWp	Jinko Solar/Eq Tier-1
2	Grid - Connected Inverter suitable for 350 KWp SPV system – 3 ph, 415 V, 50 Hz with Online Monitoring System	SMA/Delta/Fronius/ABB
3	Module Mounting Structure – Al / GI / (Slotted Mounting Rail, Angles, Fasteners and Clamps)	SOLITIS/Equivalent
4	1 kV DC Copper Cable – Double Insulated	Siechem/Equivalent
5	MC-4 Connector 4/6 sqmm – TUV Approved	Standard
6	UV Resistant String Junction Box (Outdoor Type IP67) or DC Fuse link	Standard
7	AC Distribution Box	Solitis
8	1.1 kV Flexible / armoured Copper Cable	Polycab/KEI/Equivalent
9	Earthing System & Lightning protection System	True Power

  
**PRINCIPAL  
ADYPSOE, PUNE**





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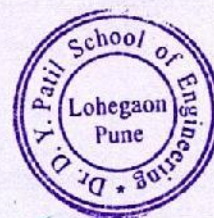
**Annexure V**  
**Price Schedule, Commercial Terms & Conditions**

**Price Schedule**

Sr. No.	ITEM DESCRIPTION	TOTAL AMT. IN (INR)
Option-I	Solar PV Power Generation System OPEX Model As per Above Specifications.	0.00/-
PPA Tenure – 15 Years, PPA Rate :- 5.50 Rs/Unit		

**Note:-** Offer is subjected to change with respect to client financial and actual site condition.

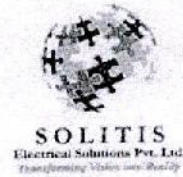
SOLAR PV PROJECT FINANCIAL			
Sr. No.	Particular	Unit	OPEX Model
1	Solar PV Capacity	KW	350
2	PPA Tenure	Years	15
3	Project Cost	Lakh	NA
4	MSEDCL Power Rate (Approx.)	Rs. Per unit	10.16
5	Solar PPA Power Rate	Rs. Per unit	5.50
6	Solar Power Rate Escalation		NA
7	Saving over 25 Years	Lakh	869
8	Saving per month over 25 Years	Lakh	2.89
9	Expenses	Lakh	21.66
10	Expenses per Month	Lakh	0.072
11	Net Saving over 25 Year	Lakh	847.34
12	Net Saving per month over 25 Year	Lakh	2.82



**PRINCIPAL**  
**ADYPSOE, PUNE**

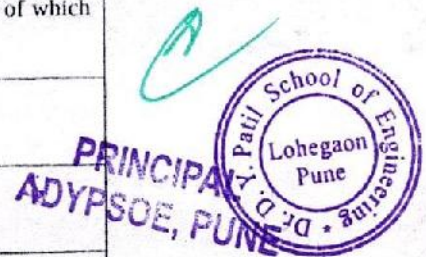


Ref.: - SESPL/18-19/Q-1070/R1  
Date: - 27/10/2018



### Commercial Terms & Conditions

1.	Terms of Payment:	Through Monthly Billing process as PPA tenure against unit generated (OPEX Model)
2.	Agreement:	Agreement will be signed between Client Side & Investor side. (OPEX Model)
3.	Taxes & Duties	Taxes are Included. If during PPA Tenure due to change of government policy if any new taxes are applicable or rates changed the same will be in client account. (OPEX Model)
4.	Bank Guarantee OR Corporate Guarantee :	Client needs to furnish Bank Gurantee of 6 months generation OR Corporate Gurantee of the group to investors.
5.	Delivery Completion Period:	Within 10-12 Weeks from the date of Power Purchase Agreement (OPEX Model)
6.	Packing:	The price is inclusive of Packing. Packing shall be done as per our standard practice.
7.	Net Metering:	Cost & charges of net meter included, approvals for the connectivity will be paid by the client directly to MAHADISCOM. Solitis will help the client on the documentation part.
8.	Load Extension :	Load Extension along with equipment costs are included. Official fees towards the same will be paid by client to the MSEDCIL.
9.	Freight & Insurance:	Freight and insurance charges are included.
10.	Validity of Offer:	This offer is valid for 30 days from the date of offer and thereafter it will be subject to our reconfirmation.
11.	Limitation to Liability:	Our liability in respect of any defect or failure of the equipment supplied thereto, is limited to making good by replacing or repairing defects which under proper use appear therein (provided the equipment is installed, operated, maintained as per our instruction manual) and arise solely from faulty design, materials or workmanship within warrantee period. At the termination of which period, all liability on our part shall cease.
12.	Warrantee Guarantee: Solar Module	10 Years Limited Warranty on 90% Power Output 25 Years Limited Warranty on 80% Power Output
13.	Warrantee Guarantee: Solar Inverter	05 Years Limited Warranty on Solar Inverter
14.	For Balance of Materials	24 Months Limited Warranty Parts and Components, which are repaired or replaced during such period, are warranted for the original warranty period only and will not carry any extended warranty. If the equipment is not repairable





Ref.: - SESPL/18-19/Q-1070/R1  
Date: - 27/10/2018

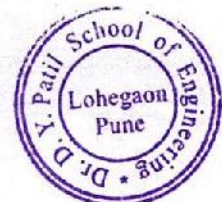


	<p>at site the same has to be sent at our workshop on freight prepaid basis after obtaining our consent in writing and we shall make good the defect and return back to you on freight to pay basis.</p> <p>The warranty shall not apply to defects resulting from: Willful damage or negligence, normal wear and tear, Installation and/or maintenance by Purchaser or a third party without supplier's prior written consent, Misuse or abuse of Equipment. Modifications or alterations made by Purchaser or a third party without Supplier's written consent.</p>
<b>Right And Lien of Property: of Materials</b>	<p>Investor / Solitis shall retain the right on equipment, materials or parts supplied by us under this quotation until PPA Tenure / completion of project. as per terms and conditions</p>

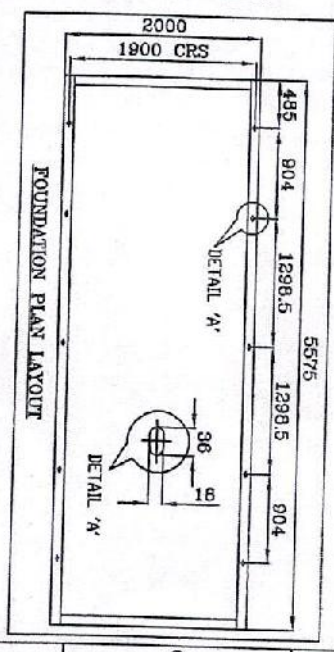
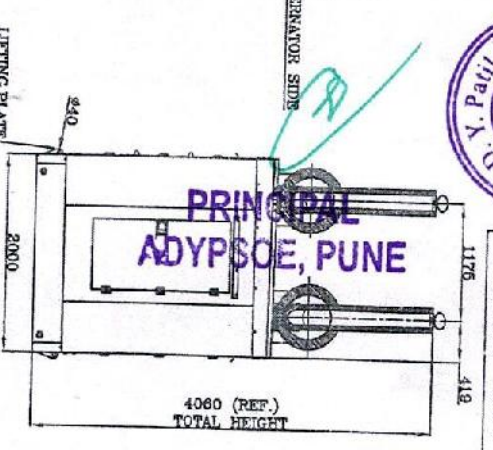
Regards:

Rohit Deshpande  
For Solitis Electrical Solutions Pvt.Ltd.  
[+91-9049482033](mailto:+91-9049482033), [+91-7722087650](mailto:+91-7722087650), [info@solitisgroup.com](mailto:info@solitisgroup.com)


  
**PRINCIPAL  
ADYPSOE, PUNE**







A circular stamp with the words "Control" and "Copy" arranged around a central circle. The stamp is slightly tilted and has a textured, ink-like appearance.



MODEL: KG1-400WS



PRINTS OF  
PREVIOUS REVISION NO.  
SHOULD BE SCRAPPED

**INCOMING  
FROM  
MAINS  
SUPPLY**

**INCOMING**  
**EDUCATION**

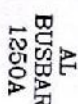
320 GLEN-1





KV A

INCOMING

GEN-2

KVA



SA1	PB1	PB2	EA1
			

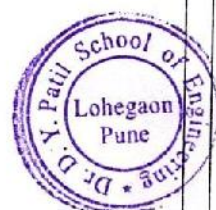
ATUO/MAN SEL


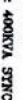


SAZ PB3 PB4 DM2

ATUJO/MAN SEL

PRINCIPAL  
ADYPSOE, PUNE



REVISION NO.	DESCRIPTION	MODIFIED BY	DATE	ANY MODIFICATION IN THE DRAWING TO BE INCORPORATED IN CO-FILE BEFORE RELEASE		CLIENT		PROJECT-	
				UNLESS OTHERWISE SPECIFIED		DIN		320k 400kVA SYNC	
				• ALL DIMENSIONS ARE IN mm.		CNO.		320k 400kVA SYNC	
				• REMOVE ALL BURS AND SHARP EDGES		R&M		320k 400kVA SYNC	
				• DRAWING NOT TO BE SCALED		APPL.		DRAWING NO-	
				DATE		09/09/2018		KCP/L 16/STN/21	
				UNREVIEWED		1		SHEET NO	
				CHECKED				1 OF 1	
				APPROVED				SCALE	
				IN DOUBT ASK				 <b>KALA GENSET</b> <b>PVT. LTD.</b>	
				TITLE		320k-400 KVA SYNC.WITH O/G SLD			





## AJEENKYA D Y PATIL INFRA PVT. LTD.

Date: 1<sup>st</sup> Feb 2019

Ref no: ADYPIPL/OG/SolarOHMS/21012019

The Superintending Engineer (O&M),  
MSEDCL, Ganeshkhind Circle,  
Pune, Maharashtra- 411016

Subject: Operating hours/ shifts of Institutes

Dear Sir,

Following are the timings institute wise.

Sr no	Institute	No of Hours
1	Dental School	8 hrs
2	D Y Patil International School	8 hrs
3	School of Engineering	10 hrs
4	School of Engineering and Technology	10 hrs
5	School of Architecture	8 hrs
6	School of Management	10 hrs
7	Ajeenkya DY Patil University	10 hrs
8	Hostel	24 hrs

In view of above, operating hours for the institute are 10 hours and 24 hours for the hostel

With Regards,

Authorized Signatory  
Ajeenkya DY Patil Infra Pvt Ltd



*(Handwritten signature in blue ink)*



PRINCIPAL  
ADYPSOE, PUNE





AJEENKYA D Y PATIL INFRA PVT. LTD.

**Authorization Letter**

We, AJEENKYA DY PATIL INFRA PVT LTD. (Previously known as DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED) having *Commercial HT Power Supply at D.Y. PATIL KNOWLEDGE CITY, CHAROLI BUDRUK, VIA LOHEGAON, Pune -412105 (HT No 170149028500)*, Hereby authorize M/s OHMS ENERGY PVT LTD, Licensed Electrical Contractor having License No: 30797, Mumbai on behalf of our above said firm to sign all M.S.E.D.Co.Ltd Documents including agreement form

We agree to all terms and conditions laid in the M.S.E.D.Co.Ltd Supply Condition and in the agreement.

Thanking you,

For

Ajeenkya D Y Patil Infra Pvt Ltd

(Previously known as DR D Y PATIL EDUCATIONAL ENTERPRISES PRIVATE LIMITED)



PRINCIPAL  
ADYPSOE, PUNE







**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED**  
(A Govt. of Maharashtra undertaking)  
CIN : U40109MH20055GC153645

Office of the Superintending Engineer  
Ganeshkhind Urban Circle  
2<sup>nd</sup> Floor, "Prakash Bhavan"  
S.B. Road, Ganeshkhind, Pune-411016  
No. SE/GKUC/T/HT/Add/

Phone: 020 - 25630057 (O)  
: 020 - 25630040 (P)  
Email: seganeshkhind@mahadiscom.in  
Website: www.mahadiscom.in

Date:

No 477

22 JAN 2019

To,  
Dr. D.Y. Patil Educational ENT Pvt Ltd  
D.Y. Patil Knowledge City  
Charholi Budruk  
Via Lohegaon  
Dist Pune  
(Mob No 9860485741)

Sub: - Application for sanction of add load from 235 KW/516 KVA to 800 KW/516 KVA in HT power at above mentioned address. (HT No 170149028500)

Ref: -1. Your application received on Dtd. 21/01/2019

Sir,

We are in receipt of your application under reference for sanction of add load from 235 KW/516 KVA to 800 KW/516 KVA in HT power at above mentioned address. (HT No 170149028500). The application registered in online New connection module with application ID No. 17826893. Please arrange to submit the following additional documents:

1. 1.3 % Consent letter for paying supervision charges on Rs 200 bond paper
2. Number of shifts required/Working hours
3. Authorisation to Electrical Contractor.
4. Valid Electrical contractor License certificate copy.
5. Authorised signatory Pan Card

Meanwhile your application is forwarded to Executive Engineer, MSEDCL, O&M Division, Bhosari for load survey and necessary estimate for work to be carried out. You are requested to contact the Executive Engineer, MSEDCL, Bhosari and EE (Testing), GKUC, Testing Division for site visit/ technical survey and fixing up point of supply.

Thanking you.

(K B Patil)

Executive Engineer (Admin)  
GKUC, Pune.

Copy to:-

1. The Executive Engineer, MSEDCL, O&M Division, Bhosari

..... For technical survey, feasibility, fixing point of supply and estimate as per provisions/time limits of commercial circular No. 291 & MERC SOP. Submit neat sketch of point of supply indicating clearly work involved for giving said power supply including any shifting of H.T./L.T. line if any in consultation with EE (Testing) as per MSEDCL's norms. Also verify the other details like arrears/theft case/any other connection/s in same premises and submit certificate to that extent. Copy of the proposal submitted by prospective consumer is attached herewith.

2. The Executive Engineer, MSEDCL, GKUC Testing Division, Chinchwad, Pune

..... For fixing point of supply and metering specifications as per provisions/time limits of commercial circular No. 291 & MERC SOP. Copy of the proposal submitted by prospective consumer is attached herewith.

3. The Add. Executive Engineer, MSEDCL, O&M Sub-Division, Bhosari.

..... For necessary action as above. Copy of the proposal submitted by prospective consumer is attached herewith.



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ADYPSOE, PUNE

Scanned by CamScanner



**A-1 Form for Power Supply for Residential / Commercial / Industrial Purpose**

You can fill this form online also. Please visit [www.mahadiscom.in](http://www.mahadiscom.in)  
(Processing fee will be waived if application and payment is made online)

Date of Application: \_\_\_\_\_

To,  
The Engineer,  
Section /Sub-Division/ Circle Office,

Dear Sir / Madam,

I hereby submit this application for new connection for supply of electrical energy at the premises mentioned below

**A. Details of Applicant**

1) Applicant's Name (IN BLOCK LETTERS)	First name <b>DR. DY</b>	Name of Father/Husband <b>PATIL EDUCATIONAL ENT</b>	Surname <b>PVT LTD</b>
2) Email id:	(Phone No)		(Mobile)
<b>Yashu-Ushas@rediffmail.com</b>			<b>9860485741</b>
3) Aadhar Card No.(Optional)			

**B. Details of Premises**

1) Address of Premises House / Flat / Gala / Survey No. Street / Landmark: Taluka / City & District:	<b>DY PATIL KNOWLEDGE CITY</b> <b>Pune</b>	Society Name: Village: Pin Code:	<b>CHAROLI BUDRUK</b> <b>412105</b>
2) Type of premises	Self Owned <input checked="" type="checkbox"/>	Rented <input type="checkbox"/>	Occupier / Other <input type="checkbox"/>
3) Name & address of the Owner (if not self owned)			
4) Nearest Consumer No for reference: (Please Specify)			

**C. Power Supply Requirement**

Type of Supply	Residential <input type="checkbox"/> / Commercial <input type="checkbox"/> / Industrial <input type="checkbox"/>
Single Phase (LT) <input type="checkbox"/> Three Phase (LT) <input type="checkbox"/> HT <input checked="" type="checkbox"/>	
Connected Load(KW)*	Contract Demand (KVA)
<b>235KW</b>	<b>474 KVA</b>

(\* Please refer overleaf to calculate required load.)

**D. Applicant's Classification (for new connection of residential only)**

a) General <input checked="" type="checkbox"/>	b) SC/ST <input type="checkbox"/>	c) BPL <input type="checkbox"/>
--	-----------------------------------	---------------------------------

**E. Document attached**

1) Occupancy/Ownership proof: <b>Yes</b>
2) Identity Proof: <b>Yes</b>
3) Test report of Consumer's premises from Govt. Authorized contractor (to be submitted before the release of connection):

**Declaration:**

I hereby declare that

I will abide by the provisions of Electricity Act 2003 and Maharashtra Electricity Regulatory Commission (Electricity Supply Code and other conditions of Supply) Regulation 2005. I will further abide by rules & regulations issued by regulatory bodies & MSEDCL from time to time. I will pay the electricity bill as per prevailing MSEDCL Tariff. If the premises is declared unauthorized then at the time of vacation by competent authority, MSEDCL will have liberty to remove the electric connection immediately.  
The above information is true and if any false information is observed, I / we will be responsible for the consequence thereof.

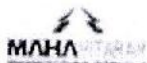
Signature of Applicant: \_\_\_\_\_

Application No: \_\_\_\_\_

Applicant Name: \_\_\_\_\_

Application Received Date: \_\_\_\_\_

Acknowledgement Receipt



Signature of Office Manager

(Representative MSEDCL)

**PRINCIPAL  
ADYPSOE, PUNE**





F. Documents Required (Please Tick ☒ which is applicable)

a. Proof of Ownership or Occupancy of Premises (Any one of the following)	b. Identity Proof (Any one of the following)	c. Documents required for relevant category (if applicable)
<input type="checkbox"/> Occupancy Certificate issued by Statutory body / Competent Authority	<input type="checkbox"/> Voter's Identification Card	<input type="checkbox"/> SC / ST Caste Certificate
<input checked="" type="checkbox"/> Ownership Document/Form B / Form 7-12 / Tax / lease issued by Local Authority	<input type="checkbox"/> Collector/Govt. Authorized Photo ID	<input type="checkbox"/> BPL Certificate
<input type="checkbox"/> In case of tenant Leave & License / Lease agreement with Property Owner's NOC	<input type="checkbox"/> Aadhar Card	
<input type="checkbox"/> In case of Quarter, Allotment letter of its authority	<input checked="" type="checkbox"/> PAN Card	
<input type="checkbox"/> In case of Slum Area, if none of the above documents is available then affidavit on Rs. 200/- stamp paper.	<input type="checkbox"/> Driving License	
	<input type="checkbox"/> Passport	

Remark:

- 1) Required Statutory & regulatory permission is to be submitted.
- 2) For industrial connection purpose following additional documents required:
  - a) Industrial Registration / DIC Certificate
  - b) Separate sheet for Load profile

G. Calculation of Load Required:-

Appliances*	(a) load (watts)	(b) No of Appliances	Total(Watts) (a x b)
LED	9/12		
Tube Light	40		
Tube fan / ceiling Fan	60		
Colour Television	120		
Refrigerator (Small)	225		
Exhaust Fan	150		
Computer	150		
Washing Machine	500		
Cooler (Medium size)	170		
AC (1.5 ton) / Room Heater (Blower Type)	1800		
Pump motor (1 HP)	740		
Geyser (Storage)	2000		
Others			
Total			

Note: For Service Connection & Other Charges please refer Annexure 1 and 2 of Circular No. CE/D&T-III/500/24500 Dt. 30.05.2012

PRINCIPAL  
ADYPSOE, PUNE







# Maharashtra State Electricity Distribution Co. Ltd.

## BILL OF SUPPLY FOR THE MONTH OF

DEC 2020

202012251754898

GSTIN: 27AAECM2933K1ZB

Website: www.mahadiscom.in

HSN CODE: 27160000

GANESHKHIND CIRCLE

BHOSARI DIVISION 309 B

BHOSARI-II SUB-DIVN 615

1

Consumer No. : 170149028500

DY PATIL

Consumer Name : DR. D.Y. PATIL EDUCATIONAL ENT. PVT.LTD.

Address : D Y PATIL KNOWLEDGE CITY  
CHAROLI BUDRUK, VIA LOHEGAON

BILL DATE 06-01-2021

10,05,770.00

DUE DATE 20-01-2021

IF PAID UPTO 12-01-2021

9,97,580.00

IF PAID AFTER 20-01-2021

10,18,340.00

Last Receipt No./Date : 0000641176 / 16-12-2020

Last Month Payment : 19,89,740.00

Scale/Sector : Medium Scale Private Sector

Village : PUNE

Pin Code :

412105

Email ID : \*\*\*inistrator@adypg.com

Mobile No.: 70\*\*\*\*\*99

Meter No. : 076 - 05040734

Seasonal :

Load Shed Ind

INDUST

Sanctioned Load (KW) : 800

Connected Load (KW) : 800.00

Urban/Rural Flag : U

Express Feeder Flag :

No

Contract Demand (KVA) : 850

55% of Con. Demand(KVA) : 467.50

Feeder Voltage (KV) : 22

LIS Indicator :

Tariff : 170 HT-VIII B

old trf HT-VIII B

Date of Connection : 02-07-2005

Category : PUBL. SERVICES OTH

GSTIN :

Supply at: HT

Elec. Duty : 06 PART B

PAN : AAATD9542N

Prev. Highest (Mth) : FEB

Prev. Highest Bill Demand (KVA) : 375

Security Deposit Held Rs. : 47,17,118.88

Addl. S.D. Demanded Rs. 0.00

Bank Guarantee Rs. : 0.00

S.D. Arrears Rs. : 0.00

### BILLING HISTORY

Bill Month	Units	Bill Demand(KVA)	Bill Amount
NOV-20	63,500	468	10,03,759
OCT-20	60,452	468	9,65,942
SEP-20	58,982	468	9,48,939
AUG-20	54,082	468	8,88,820
JUL-20	55,001	468	8,95,391
JUN-20	58,216	468	9,48,675
MAY-20	61,285	468	9,70,662
APR-20	60,146	468	9,56,909
MAR-20	1,24,272	425	18,29,063
FEB-20	1,24,272	425	18,71,769
JAN-20	1,17,307	425	17,56,824
DEC-19	1,19,346	425	17,64,254

### CUSTOMER CARE Toll Free No.

1912, 1800-233-3435,

1800-102-3435

IGRC: Office of the Superintending Engineer,  
MSEDCL Ganeshkhind Circle, Prakash  
Bhavan, Pune-411007., Phone - 020-25630057In case of non-redressal of grievance here,  
consumer may make his representation to  
below forumCGRF: 925, Administrative Building, 2nd Floor,  
Kasba Peth, Pune 411011., Phone - 020-  
24570520

For making Energy Bill payment through RTGS/NEFT mode, use following details

o Beneficiary Name: MSEDCL

o Beneficiary Account Number: MSEDHT01170149028500

o IFS Code: SBIN0008965 (fifth, sixth and seventh character is zero)

o Name of Bank: SBI Bank

o Name of Branch: IFB, BKC Branch-MSEDCL

Disclaimer: Please use above bank details only for payment against consumer number mentioned in beneficiary account number.

o Tariff Revised w.e.f. 01.04.2020. Tariff Order is available at Mahavitaran Portal.

o Physical Bills are not served. You can view and pay bill online at portal <https://wss.mahadiscom.in/wss/wss>

o Consumer can pay bill through portal using various online modes.

o As per Income Tax provision vide section 269 ST cash receipt of Rs. 2.00 lakhs and above will not be accepted by MSEDCL against any type of payment.

o Activity : CHARITABLE EDUCATION INSTITUTION REGISTERED UNDER PUBLIC TRUST ACT 1950

o As per GoM Notification dtd. 14.08.2020, rate of Electricity Duty for Part-F Industrial is revised from 9.3% to 7.5% from billing month Aug-20

### Important Message

o Consumers can pay online using Net Banking, Credit/Debit cards at <https://wss.mahadiscom.in/wss/wss> after registration.

o Submit / update your E-mail id and mobile number to Circle office for receiving prompt alerts through SMS.

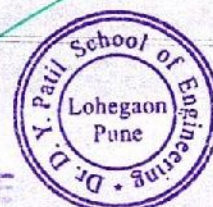
o Submit / update your PAN and GSTIN to circle office with copies of PAN and GSTIN for verification.

o Special desk is operational for HT Consumers, please contact : htconsumer@mahadiscom.in for any clarification / query or grievance.

o This Electricity Bill should not be used for the address proof and as a proof of property ownership.

o For any payment to MSEDCL, ENSURE &amp; INSIST for computerized receipt with unique system generated receipt number. Do not accept hand written receipt. Pay online to avoid any inconvenience.

PRINCIPAL





### CURRENT CONSUMPTION DETAILS

Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 31-12-2020	94475.300	100514.600	21835.300	5998.100	20.560	21.000
Previous 30-11-2020	88716.000	94140.400	19475.100	5838.900		
Difference	5759.300	6374.200	2360.200	159.200		
Multiplying Factor	10.0000	10.0000	10.0000	10.0000	10.000	10.0000
Consumption	57593.000	63742.000	23602.000	1592.000	205.600	210.000
LT Metering	0.000	0.000	0.000	0.000	0.000	0.000
Adjustment	0.000	0.000	0.000	0.000		
Assessed Consump	0.000	0.000	0.000	0.000		0.000
Total Consumption	57593.000	63742.000	23602.000	1592.000	206.000	210.000

### BILLING DETAILS

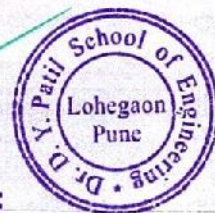
Billed Demand (KVA)		468	@ Rs.	411	Demand Charges		1,92,348.00
Assessed P.F.		Avg. P.F.		.903	Wheeling Charge @ 0.57 Rs/U		36,332.94
Billed P.F.		.903	L.F.	10	Energy Charges		6,04,274.16
Consumption Type	Units	Rate	Charges Rs.		TOD Tariff EC		-13,430.30
Industrial	63,742	9.48	604274.16		FAC @ 0 Ps/U		0.00
Residential	0	5.7	0.00		Electricity Duty		1,72,100.21
Commercial	0	11.47	0.00		Bulk Consumption Rebate		0.00
E.D. on (Rs.)	Rate %	Amount Rs.					
	16						
8,19,524.80	21	172100.21					
TOD Zone	Rate	Units	Demand	Charges Rs.			
0000 Hrs-0600 Hrs & 2200 Hrs-2400 Hrs	- 1.50	21,405	111.00	- 32107.50			
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	0.00	22,991	200.00	0.00			
0900 Hrs - 1200 Hrs	0.80	8,678	210.00	6942.40			
1800 Hrs-2200 Hrs	1.10	10,668	104.00	11734.80			
Amount in Words	TEN LAKH FIVE THOUSAND SEVEN HUNDRED SEVENTY ONLY						
					TOTAL CURRENT BILL 10,05,437.56		
					Current Interest 04/01/2021 336.13		
					Principle Arrears -0.42		
					Interest Arrears 0.00		
					Total Bill (Rounded) Rs. 10,05,770.00		
					Delayed Payment Charges Rs. 12,567.97		
					Amount Payable After 20-01-2021		
					Amount Rounded to Nearest Rs.(10/-) 1018340		

Refer detail sheet attached for MERC order in case no 131, 135, 143 & 144 dtd. 13.11.2020.

\*\*\*\* PROMPT DISCOUNT Rs. 8195 IF PAID ON OR BEFORE 12-JAN-21;  
MSEDCL wishes you Happy New Year !

PRINCIPAL

MSEDCL, PUNE



### CONDITIONS

- The total bill amount of the bill may be remitted by a Crossed Demand Draft/Cheque drawn in favor of "Maharashtra State Electricity Distribution Co. Ltd." Whenever Security Deposit is demanded separate Cheque/Bank Draft should be sent.
- The current bill is payable within fifteen days from the date of issue of the bill. Even if there is any discrepancy in the bill or any other clarification needed, consumers are requested to pay the billed amount in full provisionally or under protest subject to review and subsequent adjustment, so that payment of delayed payment charges is avoided.
- This bill is issued subject to the provision of the "Conditions and Miscellaneous charges for supply of Electrical Energy" of the MSEDCL.
- Please quote the Consumer Number on the back of the Cheque. The payment of this bill should be made at Company's office only.
- If the cheque is sent by post, the same should be posted three clear days in advance of the due date.
- In case of payment made through RTGS/NEFT/Cheque/DD/Pay Order, the date of amount credited to MSEDCL's account will be treated as receipt date.

**Collection Hours : 10-30 to 16-00 Hours ( Except on Bank Holidays, Sundays, 2nd and 4th Saturdays)**



### TCS Details

Bill Date	Amount for TCS	TCS Rate	TCS Amount
07-OCT-20	18,34,716.68	0.075%	1,376.04
05-NOV-20	9,65,941.93	0.075%	724.46
07-DEC-20	10,03,758.68	0.075%	752.82

Section 206C(1H) of the Income-tax Act, 1961 mandates MahaVitaran to collect tax at source ["TCS"] from its consumers at the rate of 0.1%\* as and when the aggregate energy bill of a consumer\*\* exceeds INR 50 lakhs in a financial year (i.e. the year starting from April and ending in March). Thus at any point in time, during a financial year if the aggregate energy bill of a consumer exceeds INR 50 lakhs then the consumer will be additionally required to pay TCS @ 0.1%\* on the sales consideration. In case of incomplete/adhoc payments to MahaVitaran, MahaVitaran will adjust the payment(s) in a manner whereby the amount proportionate to the required TCS will be first adjusted and the balance will be considered as outstanding electricity charges to which the provisions of section 56 of the Electricity Act, 2003 - relating to disconnection of supply in default of payment will apply.

For the financial year 01 April 2020 to 31 March 2021 the aggregate limit of INR 50 lakhs will be considered in respect of energy bills raised on and after 01 April 2020 onwards.

\* 0.075% if the amount is paid or credited during the period 14 May 2020 to 31 March 2021 in terms of the Press Release dated 13 May 2020 issued by the Central Board of Direct Taxes.

\*\* consumer - For the purpose of TCS, a consumer would mean an entity holding a valid Permanent Account Number ["PAN"]. In case a consumer holds various consumer ids/consumer numbers spread across the state of Maharashtra for the purpose of section 206C(1H) of the Income-tax Act, 1961 all the consumer ids/consumer numbers will be treated as one consumer based on its PAN.

\*\*\*if a consumer does not hold a valid PAN the rate of TCS will be applicable @ 1%



PRINCIPAL  
ADYPSOE, PUNE



**Details as per MERC order in case no 131, 135, 143 & 144 dtd. 13.11.2020**

**Bill Month : Apr-20**

Reference Month	Reference KWH Units	Reference PF	KVAH Units	KWH Units	PF	Derived KVAH with Ref PF
Mar-20	96285	.963	60146	51992	.864	0
Open Access Units :			0	0		0
Overdrawl Units :			0	0		0

**Not eligible for revision of Apr-20 since revision month consumption > 25% of reference month consumption**

**Bill Month : May-20**

Reference Month	Reference KWH Units	Reference PF	KVAH Units	KWH Units	PF	Derived KVAH with Ref PF
Mar-20	96285	.963	61285	53863	.878	0
Open Access Units :			0	0		0
Overdrawl Units :			0	0		0

**Not eligible for revision of May-20 since revision month consumption > 25% of reference month consumption**



**PRINCIPAL  
ADYPSOE, PUNE**



Cert	Spec	Total
1	3	4

**CERTIFICATE  
OF  
TYPE APPROVAL OF GENSET**

Certificate No : ARAI/DGTA/KOEL/KGPL/KG1-320WS/2014/4548

DATE : 27.06.2014

M/s. Kala Genset Pvt. Ltd., (KGPL), (A GOEM of KOEL, Pune)

Plant 1 : Gat No. 392/1, Mahalunge Ingle, Chakan Talegaon Road, Tal Khed, Pune 410 601


Plant 2 : Srv. No. 107/1/1, Shed No. 01, Village - Khutli, Dadra & Nagar Haveli.

1. The Plant of M/s Kala Genset Pvt Ltd., (KGPL), [A Generator Original Equipment Manufacturer of Kirloskar Oil Engines Limited, Pune], was visited to ensure that the manufacturing/ assembling facilities and quality assurance plan was in place as per CPOB letter ref. B-31011/7/93/PCI-II/93 dated 3<sup>rd</sup> January 2005 and it was found satisfactory.
2. Based on the verification of documents and tests conducted on the genset model KG1-320WS manufactured by M/s. Kirloskar Oil Engines Limited, it is certified that the genset model given below including acoustic enclosure, assembled with the same specifications by M/s Kala Genset Pvt Ltd., (KGPL), complies with the provisions of Govt. of India notification no. G.S.R. 371(E), dated 17/05/2002 and its amendments till date, at Serial No. 94 (paragraph 1 & 3) schedule I of Environment (Protection) Rules, 1986 (Noise limit for diesel generator sets (upto 1000 kVA)).


Genset Model		Reference Certificate Issued to
Base	KG1-320WS	M/s KOEL, Pune
Variant	KG1-300WS	ARAI/DGTA/KOEL/KG1-320WS/2014/4330 DATE: 25.04.2014

3. Any changes/ amendments in the authenticated specifications certified for the type approval should not be carried out without prior approval of ARAI.
4. The Conformity of Production Testing and Certification for the above genset models, for each plant is applicable once in the calendar year. The first COP Certification should be completed before 31<sup>st</sup> December 2014.

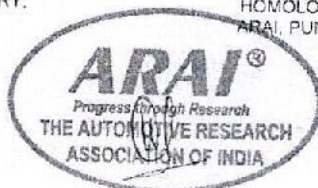
Note: Refer overleaf for disclaimer.

  
N. V. KARANTH  
SR. DEPUTY DIRECTOR  
NVH & CAE LABORATORY,  
ARAI, PUNE

Authorized Signatory,

  
Mrs. RASHMI H. URDHWARESHE  
SR. DEPUTY DIRECTOR  
HOMOLOGATION MANAGEMENT & REGULATION  
ARAI, PUNE.

Place of issue: Pune



Regd. Office - S. No. 102, Vihar Hill, Off. Park Road, Kothrud, Pune - 411 006, India. Phone: Address: P. B. No. 60, Pune - 411 004, India.  
Tel: +91-20-2520 1111 / Fax: +91-20-2520 1104. Email: aarai@araiindia.com  
Website: www.araiindia.com

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ADYPSOE, PUNE**

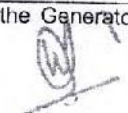




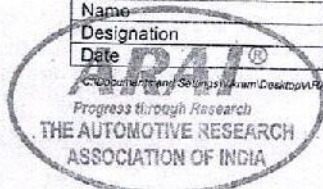
### ANNEXURE – III

Ref. : System & Procedure for compliance with noise limits for Diesel Generator Sets (upto 1000 kva)

### APPLICATION FOR TYPE APPROVAL

1.0	Name and Address of the Manufacturer	• KALA GENSET PVT LTD, PUNE Cat.No.392/1, Mahalinge Ingle, Chakan Talegaon Road				
1.1	Address of Manufacturing plant (s)	• KALA GENSET PVT LTD, PUNE Srv.No.107/1/1, Shed No.01, Village – Khutli, Dadra & Nagar Haveli.				
1.2	Relation with Engine Manufacturer for this model : GOEM / GOEA	GOEM				
2.	Name and Address of the Importer	NA				
2.1	Name and Address of the Company and its plant from where the Genset to be Imported	NA				
3.0	Following documents submitted (if not submitted earlier or validity has expired) i) Genset Manufacturing License from the Directorate of Industries / Department of Industry for the Plant (in case of Genset Manufacturer), IEC code from DGFT (in case of Genset Importer) ii) VAT / Sales Tax Registration iii) Excise Registration (in case of Genset Manufacturer) iv) Type Approval Certificate for Engine Model for Compliance with the Emission Limits v) Valid COP Certificate of the Engine Manufacturer for the Emission Limits vi) Valid COP Certificate (For the relevant plant, in case of Indigenous Genset Manufacturer) for the noise limits for Genset.					
4.0	Brand Name	Kirloskar Green				
5.0	Model Name :-	<table style="width: 100%; border: none;"> <tr> <td style="width: 40%; text-align: center;">Base Model</td> <td>KG1 - 320WS</td> </tr> <tr> <td style="text-align: center;">Variant Model</td> <td>KG1 - 300WS</td> </tr> </table>	Base Model	KG1 - 320WS	Variant Model	KG1 - 300WS
Base Model	KG1 - 320WS					
Variant Model	KG1 - 300WS					
6.0	Dimensions of the Generator set with Acoustic Enclosure Length, mm Width, mm Height, mm <div style="text-align: center; margin-top: 10px;">   <b>N. V. KARANTH</b>  <small>SR. DEPUTY DIRECTOR</small> </div>	5109 Tol. ± 50 2000 Tol. ± 50 2408 Tol. ± 50 ( H – 3000 including Silencer )				

Test Agency : ARAI, PUNE	Manufacturer : Kala Genset Pvt Ltd	Document No. (indicating also revision status)
Signature	Signature :	
Name	Name : D.C.Gujar	KALA / KG1-320WS
Designation	Designation : GM (R&D)	Revision date
Date	Date : 08.06.2014	Sheet No.



PRINCIPAL  
ADYPSOE, PUNE

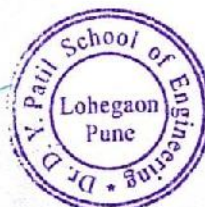


7.1(i)	Enclosure details : (Enclose Dimensional drawings); Insulation material : Type (Glass-wool / Rock-wool / Mineral-wool / Foam etc) Thickness mm  Density Kg/m3 (if Foam, attach a Flammability Test Report)	Rock wool & PU Foam (on baffle only) 50(Rockwool)+50(Rock wool) & 50 PU Foam (on baffle only) 64 + 96 & 28
7.1(ii)	Ventilation Fan: Diameter Speed Power Flow capacity Make	NA
7.1(iii)	Anti-Vibration Mounts: Make, Model & Drawing  Static Deflection	As per KOEL Drg No. :- 1)DV0.061.15.0.PR (Eng.Side) & DV0.061.15.0.PR (Alt.Side) or 2)DV0.061.01.0.00(for both Side) 2.5 to 3.5 mm
7.1(iv)	Base-Frame details: Dimensions, Drawing Thickness of base-frame sheet	5100(L) x 2000(W) x 300(H) 5 mm
8.0	Engine Make & Model :- Kirloskar Oil Engines Ltd & DV8TAG1 (Submit Authenticated copy of the Application submitted to the Certification Agency for Type Approval Certification for Emission Limits)	
8.1	Exhaust System (Description and Diagrams)  Description of Exhaust Equipment if the test is made with the complete Equipment provided by the Engine or Generator set Manufacturer:  Specify the back pressure (kPa) at rated power as per IS:..... (Specify the tolerance and range)	9.5 ± 1.3 max
9.0	Alternator i) Single / Double Bearing ii) Make iii) Model iv) Type : Single Phase/ Three Phase	Single bearing Kirloskar Green KG284 C1 Three Ph

Test Agency : ARAI, PUNE	Manufacturer : Kala Genset Pvt Ltd	Document No. (indicating also revision status)
Signature	Signature :	
Name	Name : D.C.Gujar	KALA / KG1-320WS
Designation	Designation : GM ( R&D)	Revision date
Date	Date : 08.08.2014	Sheet No.



2 of 3



PRINCIPAL  
ADYPSOE, PUNE



	v) Rated Speed vi) Rated Voltage ( V ) vii) Rated Current ( A ) viii) Rated Continuous Power as per IS 8528 (part 1) in kW ix) Frequency (Hz)	1500 RPM 415 445.2A@ 0.8PF/356.16A@UPF 256 50
10.0	Production / Import plan (Schedule) and Estimated no. (Month-wise) :- 30	
11.0	Attach Trade Leaflets and Manuals	
12.0	If there are Variants to the Model, provide detailed comparison between the Parent model and Variants along with justifications for considering the Variants as a Family of the concerned Model. Please also indicate the worst case and its justification.	1. Alternator - 300kVA

Verification:

Verified that the information's given above are correct to the best of my knowledge and belief.

Authorised Signatory

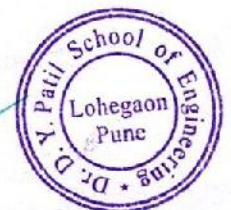
Company Seal

(The application shall be signed on each page)

\*\*\*\*\*

Test Agency : ARAI, <b>PUNE</b>	Manufacturer : Kala Genset Pvt Ltd	Document No. (indicating also revision status)
Signature	Signature :	
Name	Name : D.C.Gular	KALA / KG1-320WS
Designation	Designation : GM ( R&D)	Revision date
Date	Date : 08.06.2014	Sheet No.

3 of 3



**PRINCIPAL  
ADYPSOE, PUNE**



## BOM (400 & 320KVA) DG SYN PANEL WITH O/G WITH MAINS ACB

	Customer :-Ajinkya DY Patil Group,Lohagaon				
S.No.	Description	Rating	Make	Qty	Unit
1	Fabrication, 16/14 SWG Thickness With Pov		CRCA	1	Lot
2	Busbar Aluminium	All Ratings	Reputed	1	Lot
3	ACB EDO,MP Based, O/L, S/C & E/F Protection	1250A 4Pole 50 KA	L&T	2	Nos
4	ACB EDO,MP Based, O/L, S/C & E/F Protection	630A 4Pole 50 KA	L&T	2	Nos
5	U/V Release	230V,AC	L&T	2	Nos
6	Multifunction Meter	415 V 3PH	HPL/SCH/L&T	3	Nos
7	Current Transformer	1250/5	NEWTEC/AMOL/AE	3	Nos
8	Current Transformer	630/5	NEWTEC/AMOL/AE	6	Nos
9	Indicating Lamp	240V AC	Teknik	18	Nos
10	HOOTER	24V DC	PROTON	2	Nos
11	DC Ammeter	0-30A	RISHABH/AE	2	Nos
12	DC Voltmeter	0-30V	RISHABH/AE	2	Nos
13	SYN Controller	415V AC, 3 ph 4 wire, 5A	WOODWARD EASYGEN-2300	2	Nos
14	Line Voltage Monitor	3PH 4WIRE	PROTON	2	Nos
15	Selector Switch	4POLE,2WAY	SALZER	2	Nos
16	Selector Actuator	2 POSITION with element	C&S	2	Nos
17	Push Bottons		C&S	6	Nos
18	Emergency Stop		C&S	2	Nos
19	Battery Charger	24V 10A DC	NHP	2	Nos
20	Single Pole Mcb	6A,SP	L&T	1.0	Lot
21	3 Pole Mcb	10A,DP	L&T	1.0	Lot
22	4-Channel realy card	24V,DC	UI-Automation	1.0	Lot



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ADYPSOE, PUNE

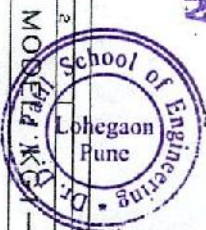


23	Aux Relay With Base	24V,DC	SALZER	1.0	Lot
24	Neutral Link	30A	Everest	1.0	Lot
25	Control Terminal Block		CONNECTWELL	1.0	Lot
26	Control Wire	1,1.5,2.5,4 sq mm	POLYCAB	1.0	Lot
27	Shelded Cable			1.0	Lot
28	Conical Insulator / fingure insulator	50X10	REPUTED	1.0	Lot
29	Gasket	25X3	REPUTED	1.0	Lot
30	Lugs ( Control)			1.0	Lot
31	Ferrules			1.0	Lot
32	Door Knobs with Open/ Close Sticker			1.0	Lot
33	Din Rail Channel			1.0	Lot
34	PVC Channel	45X45 - 25 X 45	SALZER	1.0	Lot
35	Name Plate, Lables & Stickers			1.0	Lot
36	Eye Bolt	16sq mm		1.0	Lot
37	Hardwere & others			1.0	Lot
Prepared By: Rajan Gupta		Approved By: S R Neman			
	KALA GENSET PVT LTD.				

  
**PRINCIPAL**  
**ADYPSOE, PUNE**

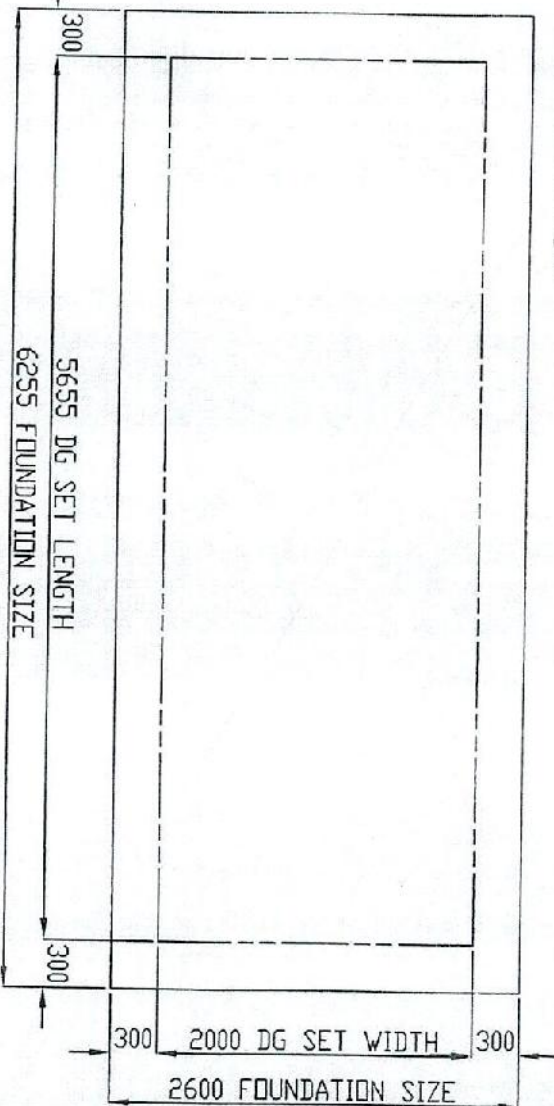






MODEL K.G.1-400WS

ENGINE SIDE



BASEPLATE OF DG SET SUPPLIED.

EPOXY COAT (BETWEEN BASE PLATE & FOUNDATION TOP)

FLOOR OF CEMENT CONCRETE BLOCK MUST BE IN WATER LEVEL.

\*IT IS RECOMMENDED TO HAVE FOUNDATION HEIGHT OF 150 TO 200 mm ABOVE GROUND LEVEL TO MAINTAIN CLEANLINESS & AVOID FLOODING

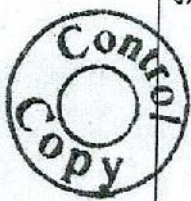
PCC 4:2:1

G.L.

NOTES:- 1) FOUNDATION TO BE MADE ON A GOOD PREPARED SURFACE WITH SOIL STRATA BEARING CAPACITY ADEQUATE TO SUPPORT THE WEIGHT OF GENSET & FOUNDATION. REFER CHART FOR SOIL STRENGTH.

NATURE OF LOAD	SAFE BEARING CAPACITY KG/CM <sup>2</sup>
BEARING MATERIAL	2,44,000 - 9,26,400
HARD ROCK GRANITE	97,600 - 1,46,400
HARD ROCK SHELL	70,100 - 97,600
HARD PAN	48,000 - 58,500
SOFT ROCK	39,600 - 48,800
HARD CLAY	39,600 - 48,800
GRAVEL AND COARSE SAND	29,200 - 39,000
LOOSE MEDIUM COARSE AND COMPACTED FINE SAND	19,900 - 39,000
MEDIUM CLAY	9,750 - 39,500
SOFT CLAY	9,250

- 2) THE LENGTH & WIDTH OF FOUNDATION SHOULD BE AT LEAST 300 mm MORE ON EACH SIDE THAN ACROUSTIC ENCLOSURE LENGTH & WIDTH RESPECTIVELY.
- 3) CHECK THE FOUNDATION LEVEL DIAGONALLY AS WELL AS ACROSS THE LENGTH & WIDTH FOR EVEN FLATNESS AND SAME SHOULD BE WITHIN 450mm IN HORIZONTAL PLANE IN ANY ONE DIRECTION ONLY.
- 4) ENSURE THAT THE CONCRETE IS COMPLETELY CURED BEFORE POSITIONING THE ENCLOSURE.
- 5) ENSURE THAT THE FOUNDATION TO SUPPORT IS TIMES OF THE TOTAL NET WEIGHT OF THE SINGLE GENERATING SET INSTALLATION & 2 TIMES OF THE TOTAL NET WEIGHT FOR THE MULTIPLE GENERATING SET INSTALLATION.
- 6) FOR ROOF TOP INSTALLATION, IT IS NECESSARY TO HAVE PLANNING AND STRUCTURAL DESIGN APPROVAL.
- 7) DO NOT INSTALL ACROUSTIC ENCLOSURE ON LOOSE SAND OR CLAY. AVOID HARD/SHARP PROJECTIONS SUCH AS STONE OR STEEL PARTS ON FOUNDATION SURFACE, WHICH MAY DAMAGE FUEL TANK AT BOTTOM.
- 8) AVOID UNEVEN FOUNDATION WHICH MAY LEAD TO IMPROPER RESTING OF GENSET ON FOUNDATION, THERE BY LEADING TO LEAKAGE OF SOUND AND VIBRATION ON GENSET.
- 9) IF GENSET IS TO BE MOUNTED ON FOUNDATION HAVING UNEVEN SURFACE UNDER UNFAVOURABLE CIRCUMSTANCES, USE APPROPRIATE THICKNESS OF RUBBER MATTING ABOVE FOUNDATION FOR POSITIVE SEALING OF GENSET WITH BASE.



IF IN DOUBT ASK

PRINTS OF PREVIOUS REVISION NO. SHOULD BE SCRAPPED

UNLESS OTHERWISE SPECIFIED		ALL DIMENSIONS ARE IN mm	
STANDARD SYMBOLS ARE TO BE USED		UNLESS OTHERWISE SPECIFIED	
PER DIMENSIONAL		REMOVE ALL SHARP EDGES AND DRAWING TO BE SMOOTH	
UNRENDERED		UNRENDERED	
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
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DATE	30.11.2014	DATE	30.11.2014
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DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
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CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
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CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_400KVA
DATE	30.11.2014	DATE	30.11.2014
BY	PCB II DV8TA G3_400KVA	BY	PCB II DV8TA G3_400KVA
CHKD	PCB II DV8TA G3_400KVA	CHKD	PCB II DV8TA G3_400KVA
APPD	PCB II DV8TA G3_400KVA	APPD	PCB II DV8TA G3_4



THIS DRAWING IS PROPERTY OF KALA GENSET PVT. LTD. AND INFORMATION CONTAINED HEREIN IS UNCLASSIFIED. IT IS TO BE KEPT IN CONFIDENTIALITY AND NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF KALA GENSET PVT. LTD.

PRINTS OF PREVIOUS EDITION NO. SHOULD BE SCRAPPED

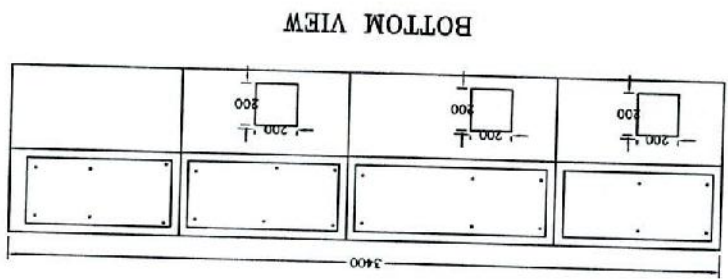
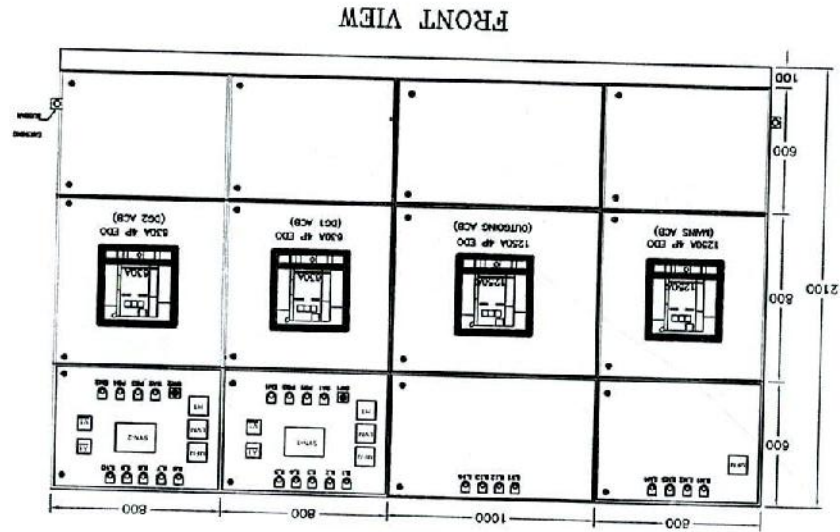
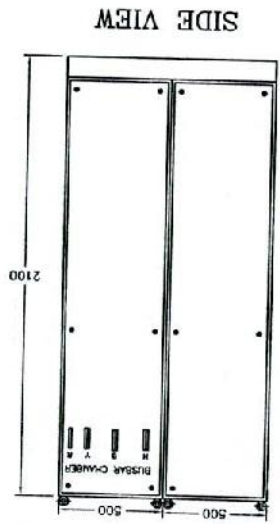
QTY	OVER	0.5	3	6	30	120	400	1000
TOL. UP TO	3	6	30	120	400	1000	2000	
TOL. +	0.10	0.2	0.3	0.5	0.8	1.2		

ALL DIMENSIONS ARE IN MM.

SHE. NO. 1 OF 1 SCALE KGPL 16/STW/21 DRAWING NO.:- TYPE 320KVA 400KVA SYNC. PROJECT:-		TITLE 320KVA 400 KVA SYNC. WITH O/G GENERAL ARRANGEMENT DRAWING KALA GENSET PVT. LTD.		CLIENT Alankya DY Patil Group, Lohagadgaon		DATE 02/09/2016 APPD. S.M. CHD. R.M. DWN. R.M.		IN DOUBT ASK ANY MODIFICATION IN THE DRAWING TO BE INCORPORATED IN CAD-FILE BEFORE RELEASE UNLESS OTHERWISE SPECIFIED • ALL DIMENSIONS ARE IN MM. • REMOVE ALL BURNS AND SWAMP EDGES • DRAWING NOT TO BE SOLED. RADI UNMENTIONED CHAMFER		MODIFY BY DATE		DESCRIPTION		REVISION NO.	
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- NOTES:
- 1) MATERIAL OF ENCLOSURE-
  - 2) PAINT SHADE- (SIEMENS GRAY RAL-7032)
  - 3) HINGED DOORS ARE PROVIDED AT FRONT AND BOLTED COVERS ARE PROVIDED AT REAR.
  - 4) DG INCOMING CABLE ENTRY FROM BOTTOM SITE.

- LEGENDS:-
- ILM1 - MAINS 'R' PHASE AVAILABLE
  - ILM2 - MAINS 'Y' PHASE AVAILABLE
  - ILM3 - MAINS 'B' PHASE AVAILABLE
  - ILM4 - MAINS 'N' PHASE AVAILABLE
  - IL1, IL6 - DG1/DG2 'R' PHASE AVAILABLE
  - IL2, IL7 - DG1/DG2 'Y' PHASE AVAILABLE
  - IL3, IL8 - DG1/DG2 'B' PHASE AVAILABLE
  - IL4, IL9 - DG1/DG2 'N' PHASE AVAILABLE
  - IL5, IL10 - DG1 COMMON FAULT
  - IL11 - OG ACB 'R' PHASE AVAILABLE
  - IL12 - OG ACB 'Y' PHASE AVAILABLE
  - IL13 - OG ACB 'B' PHASE AVAILABLE
  - IL14 - OG ACB 'N' PHASE AVAILABLE
  - IL1, IL2 - DG1/DG2 HOOTER
  - DCV1/2 - DC VOLTMETER DG1/DG2
  - DCA1/2 - DC AMMETER DG1/2
  - SYN1/2 - SYN. CONTROLLER DG1/DG2
  - MFM1/2 - MFM DG1/2
  - SW1/2 - DG1/2 AUTO/MAN SEL. SW.
  - SA1/2 - DG1 ENGINE START/STOP SEL. ACTUATOR
  - EM1/2 - EMERGENCY STOP DG1/DG2
  - LVM - LINE VOLTAGE MONITOR
  - ACB - AIR CIRCUIT BREAKER





Cert	Spec	Total
1	3	4

**CERTIFICATE  
OF  
TYPE APPROVAL OF GENSET**

Certificate No: ARAI/DGTA/KOEL/KGPL/KG1-400WS1/2016/5851

DATE: 08.11.2016


M/s. Kala Genset Pvt. Ltd. (KGPL), (A GOEM of KOEL, Pune)	
Contact Address: Gat No. 392/1, Mahalunge Ingle, Chakan Talegaon Road, Tal Khed, Pune 410 501	
Plant	1 Gat No. 392/1, Mahalunge Ingle, Chakan Talegaon Road, Tal Khed, Pune 410 501
Address	2 Srv. No. 107/1/1, Shed No. 01, Village - Khutli, Dadra & Nagar Haveli.

1. The Plant of M/s. Kala Genset Pvt Ltd., [A Generator Original Equipment Manufacturer of Kirloskar Oil Engines Limited, Pune], was visited to ensure that the manufacturing/ assembling facilities and quality assurance plan was in place as per CPCB letter ref. B-31011/7/93/PCI-II/98 dated 3<sup>rd</sup> January 2005 and it was found satisfactory.
2. Based on the verification of documents and tests conducted on the genset model KG1-400WS1 manufactured by M/s. Kirloskar Oil Engines Limited, it is certified that the genset model given below including acoustic enclosure, assembled with the same specifications by M/s. Kala Genset Pvt. Ltd., complies with the provisions of Govt. of India notification no. G.S.R. 371(E), dated 17<sup>th</sup> May 2002 and its amendments till date, at Serial No. 94 (paragraph 1 & 3) schedule I of Environment (Protection) Rules, 1986 (Noise limit for diesel generator sets (upto 1000 kVA)).


Genset Model		Reference Certificate issued to M/s. KOEL, Pune
Base	KG1-400WS1	ARAI/DGTA/KOEL/KG1-400WS1/2016/5742 DATE: 01.09.2016
Variant	KG1-380WS1	

3. Any changes/ amendments in the authenticated specifications certified for the type approval should not be carried out without prior approval of ARAI.
4. The Conformity of Production Testing and Certification for the above genset models, for each plant is applicable once in the calendar year. The first COP Certification should be completed before 31<sup>st</sup> December 2017.

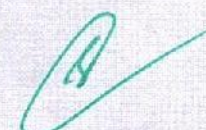
Note: Refer overleaf for disclaimer.

  
N. V. KARANTH  
SR. DEPUTY DIRECTOR & HEAD  
NVH & CAE LABORATORY, ARAI, PUNE  
Place of issue: Pune

Authorized Signatory,

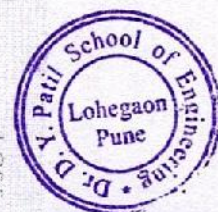
  
Mrs. RASHMI URDHWARESHE  
DIRECTOR  
ARAI, PUNE.



  
**PRINCIPAL  
ADYPSOE, PUNE**



Regd. Office : S. No. 102, Velat Hill, Off Pandh Road, Kothrud, Pune - 411 038 (India) Postal Address : P. B. No. 532, Pune - 411 004 (India)  
Tel. : +91-20-3023 1111, Fax : +91-20-3023 1104, Email : director@araiindia.com  
Website : www.araiindia.com



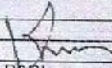


### ANNEXURE – III

Ref. : System & Procedure for compliance with noise limits for Diesel Generator Sets (upto 1000 kva)

#### APPLICATION FOR TYPE APPROVAL

1.0	Name and Address of the Manufacturer	KALA GENSET PVT LTD, PUNE Gal.No.392/1, Mahalunge Ingle, Chakan Talgaon Road
1.1	Address of Manufacturing plant (s)	KALA GENSET PVT LTD, PUNE Srv. No.107/1/1, Shed No.01, Village – Khutli, Dadra & Nagar Haveli.
1.2	Relation with Engine Manufacturer for this model : GOEM / GOEA	GOEM
2.	Name and Address of the Importer	NA
2.1	Name and Address of the Company and its plant from where the Genset to be Imported	NA
3.0	Following documents submitted (if not submitted earlier or validity has expired) i) Genset Manufacturing License from the Directorate of Industries / Department of Industry for the Plant (in case of Genset Manufacturer), IEC code from DGFT (in case of Genset Importer) ii) VAT / Sales Tax Registration iii) Excise Registration (in case of Genset Manufacturer) iv) Type Approval Certificate for Engine Model for Compliance with the Emission Limits v) Valid COP Certificate of the Engine Manufacturer for the Emission Limits vi) Valid COP Certificate (For the relevant plant, in case of Indigenous Genset Manufacturer) for the noise limits for Genset.	
4.0	Brand Name	Kirloskar Green
5.0	Model Name :-	Base Model KG1 - 400WS1 Variant Model KG1 - 380WS1
6.0	Dimensions of the Generator set with Acoustic Enclosure	
	Length, mm	5575
	Width, mm	2000
	Height, mm	2408 (Including Silencer height is 3130)

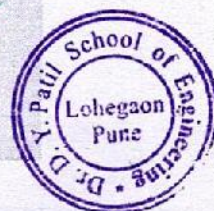
Test Agency : ARAI, PUNE	Manufacturer : Kala Genset Pvt Ltd	Document No. (indicating also revision status)
Signature : N. V. KARANTH	Signature : 	
Name : SR. DEPUTY DIRECTOR	Name : D.C. Gujar	KALA / KG1-400WS1
Designation : CAE LABORATORY	Designation : GM ( R&D)	Revision date
Date : ARAI, PUNE	Date : 28.10.2016	Sheet No.

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1 of 3

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ADYPSOE, PUNE

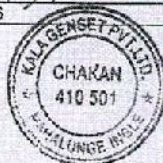




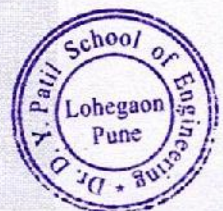
7.1(i)	Enclosure details : (Enclose Dimensional drawings); Insulation material : Type (Glass-wool / Rock-wool / Mineral-wool / Foam etc)  Thickness mm  Density Kg/m3 (If Foam, attach a Flammability Test Report)	5575(L) x 2000(W) x 3130(H)  50+50 Rock wool ( Canopy ) & (50x4) (PU Foam on partition only) CRCA 1.5 MM THICK  64+96 (Rockwool) kg/m3 & 28 kg/m3(PU Foam)
7.1(ii)	Ventilation Fan: Diameter Speed Power Flow capacity Make	NA
7.1(iii)	Anti-Vibration Mounts: Make, Model & Drawing Static Deflection	DV0.061.15.0.PR (Eng.Side) & DV0.061.16.0.PR (Alt.Side) 2.5 to 3.5 mm
7.1(iv)	Base-Frame details: Dimensions, Drawing Thickness of base-frame sheet	5575(L) x 2000(W) x 300(H) 5 mm
8.0	Engine :- Kirloskar Oil Engines Ltd & DV8TA G3 for KG1-400WS1 (Submit Authenticated copy of the Application submitted to the Certification Agency for Type Approval Certification for Emission Limits)	
8.1	Exhaust System (Description and Diagrams)  Description of Exhaust Equipment if the test is made with the complete Equipment provided by the Engine or Generator set Manufacturer:  Specify the back pressure (kPa) at rated power as per IS:..... (Specify the tolerance and range)	Drg No: DV8.188.20.0.PR    9.5 ± 1.3
9.0	Alternator i) Single / Double Bearing ii) Make iii) Model iv) Type : Single Phase/ Three Phase Alternating Current /Direct Current v) Rated Speed vi) Rated Voltage ( V )	Single bearing KOEL Green KG 354 S2 3 Ph AC 1500 RPM 415

Test Agency : ARAI PUNE	Manufacturer : Kala Genset Pvt Ltd	Document No. (indicating also revision status)
Signature : <i>[Signature]</i>	Signature : <i>[Signature]</i>	
Name : V. KARANTH	Name : D.C.Gujar	KALA / KG1-400WS1
Designation : DEPUTY DIRECTOR	Designation : GM ( R&D )	Revision date
Date : 28.10.2016	Date : 28.10.2016	Sheet No.

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2 of 3  
*[Signature]*  
PRINCIPAL  
ADYPSOE, PUNE





	vii) Rated Current ( A ) vii) Rated Continuous Power as per IS 8528 (part 1) in kW ix) Frequency (Hz)	558.96 A @ 0.8 PF 320 50
10.0	Production / Import plan (Schedule) and Estimated no. (Month-wise) :- 30	
11.0	Attach Trade Leaflets and Manuals	
12.0	If there are Variants to the Model, provide detailed comparison between the Parent model and Variants along with justifications for considering the Variants as a Family of the concerned Model. Please also indicate the worst case and its justification.	KG1- 380WS1 - 380 kVA with DV8TAG2 Engine model

Verification:

Verified that the information's given above are correct to the best of my knowledge and belief.

  
Authorized Signatory  
Company Seal

**ARAI®**  
Progress through Research  
THE AUTOMOTIVE RESEARCH  
ASSOCIATION OF INDIA

(The application shall be signed on each page)

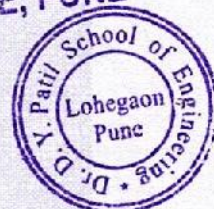
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Test Agency : <b>ARAI, PUNE</b>	Manufacturer : Kala Genset Pvt Ltd	Document No. (Indicate also revision status)
Signature : <b>N. V. KARANTH</b>	Signature :	
Name : <b>SA. DEPUTY DIRECTOR</b>	Name : <b>D.C. Gujar</b>	KALA / KG1-400WS1
Designation : <b>CAE LABORATORY</b>	Designation : <b>GM ( R&amp;D)</b>	Revision date
Date : <b>ARAI, PUNE</b>	Date : <b>28.10.2016</b>	Sheet No.

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Authorized Signatory  
Company Seal

**PRINCIPAL**  
**ADYPSOE, PUNE**

  
Dr. D. Y. Patil School of Engineering  
Lohegaon  
Pune

3 of 3



Cert	Spec	Total
1	3	4

**CERTIFICATE  
OF  
TYPE APPROVAL OF GENSET**

Certificate No : ARAI/DGTA/KOEL/KGPL/KG1-320WS/2014/4548

DATE : 27.06.2014

M/s. Kala Genset Pvt. Ltd., (KGPL), (A GOEM of KOEL, Pune)

Plant 1 : Gat No. 392/1, Mahalunge Ingle, Chakan Talegaon Road, Tal Khed, Pune 410 501

Plant 2 : Srv. No. 107/1/1, Shed No. 01, Village - Khutli, Dadra & Nagar Haveli.

1. The Plant of M/s Kala Genset Pvt Ltd., (KGPL), [A Generator Original Equipment Manufacturer of Kirloskar Oil Engines Limited, Pune], was visited to ensure that the manufacturing/ assembling facilities and quality assurance plan was in place as per CPCB letter ref. B-31011/7/93/PCI-II/96 dated 3<sup>rd</sup> January 2005 and it was found satisfactory.
2. Based on the verification of documents and tests conducted on the genset model KG1-320WS manufactured by M/s. Kirloskar Oil Engines Limited, it is certified that the genset model given below including acoustic enclosure, assembled with the same specifications by M/s Kala Genset Pvt Ltd., (KGPL), complies with the provisions of Govt. of India notification no. G.S.R. 371(E), dated 17/05/2002 and its amendments till date, at Serial No. 94 (paragraph 1 & 3) schedule I of Environment (Protection) Rules, 1986 (Noise limit for diesel generator sets (upto 1000 kVA)).

Genset Model		Reference Certificate Issued to
Base	KG1-320WS	M/s KOEL, Pune
Variant	KG1-300WS	ARAI/DGTA/KOEL/KG1-320WS/2014/4330 DATE: 25.04.2014

3. Any changes/ amendments in the authenticated specifications certified for the type approval should not be carried out without prior approval of ARAI.
4. The Conformity of Production Testing and Certification for the above genset models, for each plant is applicable once in the calendar year. The first COP Certification should be completed before 31<sup>st</sup> December 2014.

Note: Refer overleaf for disclaimer.



N. V. KARANTH  
SR. DEPUTY DIRECTOR  
NVH & CAE LABORATORY,  
ARAI, PUNE

Authorized Signatory,



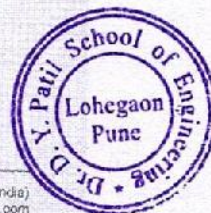
Mrs. RASHMI H. URDHWARSHIE  
SR. DEPUTY DIRECTOR  
HOMOLOGATION MANAGEMENT & REGULATION  
ARAI, PUNE

Place of issue: Pune



Regd. Office : S. No. 102, Vetal Hill, Off Paud Road, Kothrud, Pune - 411 038 (India) Postal Address : S. No. 102, Vetal Hill - 411 004 (India)  
Tel : +91-20-3023 1111, Fax : +91-20-3023 1104, Email : director@araiindia.com  
Website : www.araiindia.com

**PRINCIPAL  
ADYPSOE, PUNE**





### ANNEXURE – III

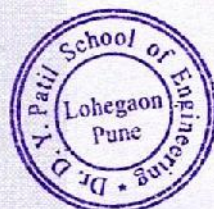
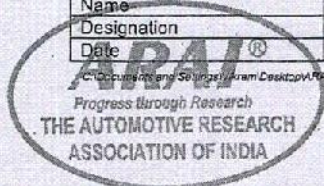
Ref. : System & Procedure for compliance with noise limits for Diesel Generator Sets (upto 1000 kva)

### APPLICATION FOR TYPE APPROVAL

1.0	Name and Address of the Manufacturer	• KALA GENSET PVT LTD ,PUNE Gat.No.392/1,Mahalunge Ingle, Chakan Talegaon Road
1.1	Address of Manufacturing plant (s)	• KALA GENSET PVT LTD ,PUNE Srv.No.107/1/1,Shed No.01, Village – Khutti, Dadra & Nager Haveli.
1.2	Relation with Engine Manufacturer for this model : GOEM / GOEA	GOEM
2.	Name and Address of the Importer	NA
2.1	Name and Address of the Company and its plant from where the Genset to be Imported	NA
3.0	Following documents submitted (if not submitted earlier or validity has expired) i) Genset Manufacturing License from the Directorate of Industries / Department of Industry for the Plant (in case of Genset Manufacturer), IEC code from DGFT (in case of Genset Importer) ii) VAT / Sales Tax Registration iii) Excise Registration (in case of Genset Manufacturer) iv) Type Approval Certificate for Engine Model for Compliance with the Emission Limits v) Valid COP Certificate of the Engine Manufacturer for the Emission Limits vi) Valid COP Certificate (For the relevant plant, in case of Indigenous Genset Manufacturer) for the noise limits for Genset.	
4.0	Brand Name	Kirloskar Green
5.0	Model Name :-	Base Model KG1 - 320WS Variant Model KG1 - 300WS
6.0	Dimensions of the Generator set with Acoustic Enclosure Length, mm Width, mm Height, mm	5109 Tol. ± 50 2000 Tol. ± 50 2408 Tol. ± 50 ( H – 3000 Including Silencer )

Test Agency : ARAI, PUNE	Manufacturer : Kala Genset Pvt Ltd ARAI, PUNE	Document No. (indicating also revision status)
Signature	Signature :	
Name	Name : D.C.Gujar	KALA / KG1-320WS
Designation	Designation : GM ( R&D)	Revision date
Date	Date : 08.06.2014	Sheet No.

1 of 3



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7.1(i)	Enclosure details : (Enclose Dimensional drawings); Insulation material : Type (Glass-wool / Rock-wool / Mineral-wool / Foam etc) Thickness mm  Density Kg/m <sup>3</sup> (if Foam, attach a Flammability Test Report)	Rock wool & PU Foam (on baffle only) 50(Rockwool)+50(Rock wool) & 50 PU Foam (on baffle only) 64 + 96 & 28
7.1(ii)	Ventilation Fan: Diameter Speed Power Flow capacity Make	NA
7.1(iii)	Anti-Vibration Mounts: Make, Model & Drawing  Static Deflection	As per KOEL Drg No. :- 1)DV0.061.15.0.PR (Eng.Side) & DV0.061.16.0.PR (Alt.Side) or 2)DV0.061.01.0.00(for both Side) 2.5 to 3.5 mm
7.1(iv)	Base-Frame details: Dimensions, Drawing Thickness of base-frame sheet	5100(L) x 2000(W) x 300(H) 5 mm
8.0	Engine Make & Model :- Kirloskar Oil Engines Ltd & DV8TAG1 (Submit Authenticated copy of the Application submitted to the Certification Agency for Type Approval Certification for Emission Limits)	
8.1	Exhaust System (Description and Diagrams)  Description of Exhaust Equipment if the test is made with the complete Equipment provided by the Engine or Generator set Manufacturer.  Specify the back pressure (kPa) at rated power as per IS:.....  (Specify the tolerance and range)	9.5 ± 1.3 max
9.0	Alternator i) Single / Double Bearing ii) Make iii) Model iv) Type : Single Phase/ Three Phase	Single bearing Kirloskar Green KG284 C1 Three Ph

Test Agency : ARAI, PUNE	Manufacturer : Kala Genset Pvt Ltd	Document No. (indicating also revision status)
Signature	Signature :	
Name	Name : D.C.Gular	KALA / KG1-320WS
Designation	Designation : GM ( R&D)	Revision date
Date	Date : 08.06.2014	Sheet No.



2 of 3



**PRINCIPAL**  
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	v) Rated Speed vi) Rated Voltage ( V ) vii) Rated Current ( A ) viii) Rated Continuous Power as per IS 8528 (part 1) in kW ix) Frequency (Hz)	1500 RPM 415 445.2A @ 0.8PF/356.16A@UPF 256 50
10.0	Production / Import plan (Schedule) and Estimated no. (Month-wise) :- 30	
11.0	Attach Trade Leaflets and Manuals	
12.0	If there are Variants to the Model, provide detailed comparison between the Parent model and Variants along with justifications for considering the Variants as a Family of the concerned Model. Please also indicate the worst case and its justification.	1. Alternator - 300kVA

Verification:

Verified that the information's given above are correct to the best of my knowledge and belief.

Authorised Signatory

Company Seal

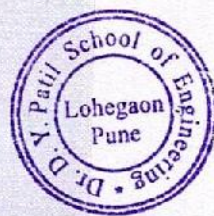
(The application shall be signed on each page)

\*\*\*\*\*

Test Agency : ARAI, PUNE	Manufacturer : Kala Genset Pvt Ltd	Document No. (indicating also revision status)
Signature	Signature :	
Name	Name : D.C. Gujar	KALA / KG1-320WS
Designation	Designation : GM ( R&D)	Revision date
Date	Date : 08.08.2014	Sheet No.



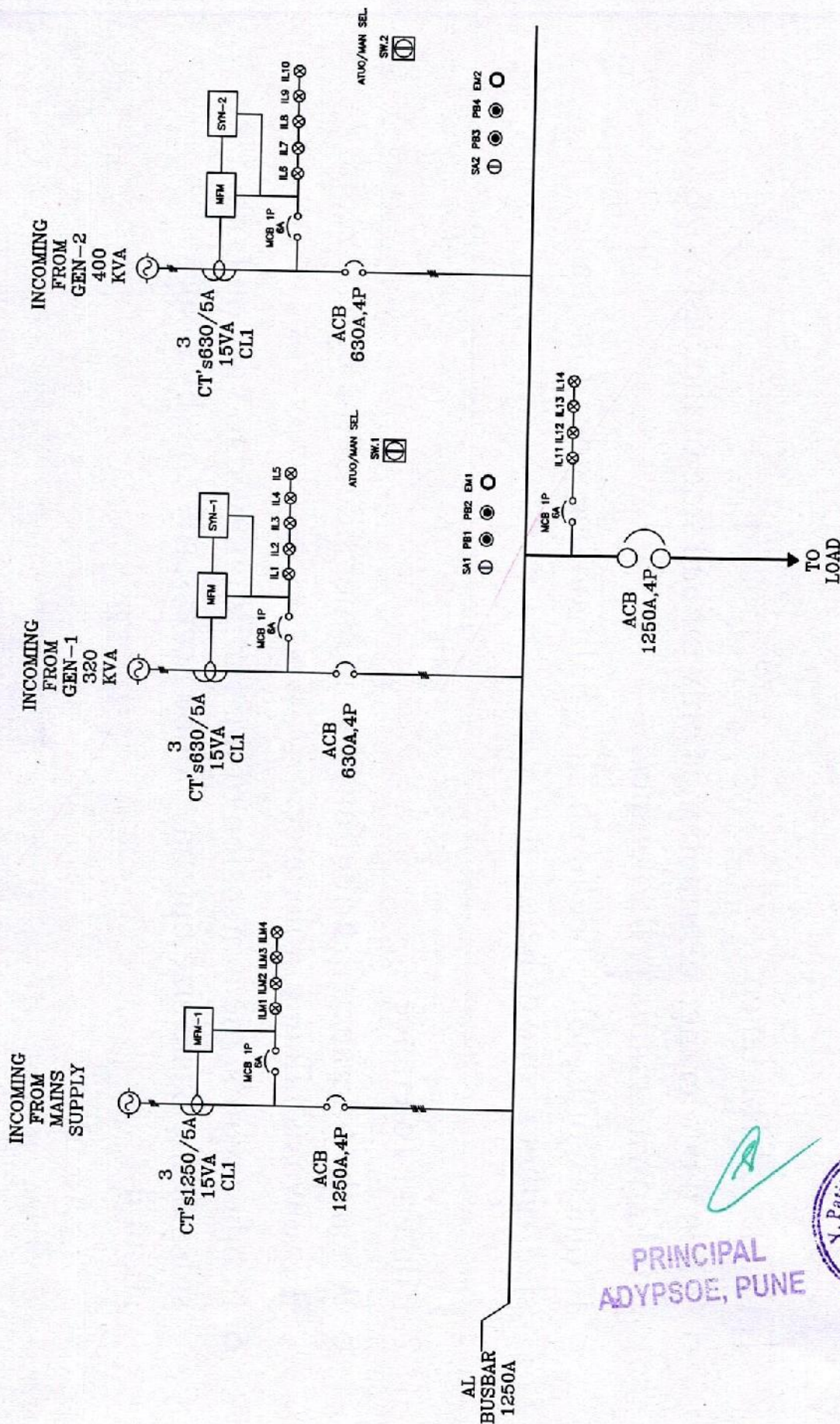
3 of 3



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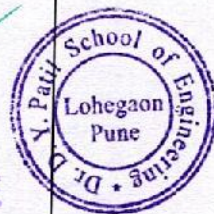
# SINGLE LINE DIAGRAM



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SHOULD BE SCRAPED

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WITHOUT THE WRITTEN PERMISSION OF KALA GENSET PVT. LTD. AND  
IT IS NOT TO BE ISSUED FOR ANY OTHER PURPOSE OR ON ANY MEDIUM  
WITHOUT THE WRITTEN PERMISSION OF KALA GENSET PVT. LTD. AND

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CLIENT		A/Inkya DY Patil Group, Lohegaon	
PROJECT:-		320 & 400 KVA SYNC.	
TITLE		320 & 400 KVA SYNC. WITH O/G SLD	
DATE		05/09/2016	
DRAWING NO.-		KGPL 16/STN/21	
SHEET NO.		1 OF 1	
SCALE		AS SHOWN	
KALA GENSET PVT. LTD.			
ANY MODIFICATION IN THE DRAWING TO BE INCORPORATED IN CAD-FILE BEFORE RELEASE		UNLESS OTHERWISE SPECIFIED	
* ALL DIMENSIONS ARE IN MM.		* REMOVE ALL BURRS AND SHARP EDGES	
* DRAWING NOT TO BE SOILED.			
REVISION		DATE	
DESCRIPTION			



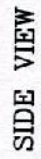
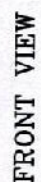




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PREVIOUS EDITION NO.  
SHOULD BE SCRAPPED

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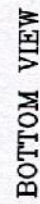
Y. Patil School of Engineering • Dr. D. Y. Patil  
Lohegaon  
Pune



- |          |   |           |            |            |           |           |
|----------|---|-----------|------------|------------|-----------|-----------|
| ILM1     | - | MAINS     | 'R'        | PHASE      | AVAILABLE |           |
| ILM2     | - | MAINS     | 'Y'        | PHASE      | AVAILABLE |           |
| ILM3     | - | MAINS     | 'B'        | PHASE      | AVAILABLE |           |
| ILM4     | - | MAINS     |            | LOAD       | ON        |           |
| IL1,IL6  | - | DG1/DG2   | 'R'        | PHASE      | AVAILABLE |           |
| IL2,IL7  | - | DG1/DG2   | 'Y'        | PHASE      | AVAILABLE |           |
| IL3,IL8  | - | DG1/2     | 'B'        | PHASE      | AVAILABLE |           |
| IL4,IL9  | - | DG1/DG2   |            | LOAD       | ON        |           |
| IL5,IL10 | - | DG1       |            | COMMON     | FAULT     |           |
| IL11     | - | OG        | ACB        | 'R'        | PHASE     | AVAILABLE |
| IL12     | - | OG        | ACB        | 'Y'        | PHASE     | AVAILABLE |
| IL13     | - | OG        | ACB        | 'B'        | PHASE     | AVAILABLE |
| IL14     | - | OG        | ACB        |            | LOAD      | ON        |
| H1,H2    | - | DG1/DG2   |            | HOOTER     |           |           |
| DCV1/2-  | - | DC        | VOLTMETER  | DG1/DG2    |           |           |
| DCA1/2-  | - | DC        | AMMETER    | DG1/2      |           |           |
| SYN.1/2  | - | SYN.      | CONTROLLER | DG1/DG2    |           |           |
| MFM1/2   | - | MFM       | DG1/2      |            |           |           |
| SW1/2    | - | DG1/2     | AUTO/MAN   | SEL.       | SW.       |           |
| SA1/2    | - | DG1       | ENGINE     | START/STOP | SEL.      |           |
| EM1/2    | - | EMERGENCY | STOP       | DG1/DG2    |           |           |
| LVM      | - | LINE      | VOLTAGE    | MONITOR    |           |           |
| ACB.     | - | AIR       | CIRCUIT    | BREAKAR    |           |           |

## NOTES:

- 1) MATERIAL OF ENCLOSURE-  
FABRICATED BOX  
LOAD BEARING SECTION IS 2.0 MM, MOUNTING FRONT  
DOOR, MOUNTING PLATE 1.5MM & OTHER COVERS  
1.6 MM ALL SHEET ARE CRCA.
- 2) PAINT SHADE- (SIEMENS GRAY RAL-7032)
- 3) HINGED DOORS ARE PROVIDED AT FRONT AND BOLTED  
COVERS ARE PROVIDED AT REAR.
- 4) DG INCOMING CABLE ENTRY FROM BOTTOM SITE.

192





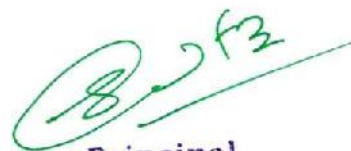


**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words):**

Solid waste Management is effectively done in the institute's technical campus by first segregating the total solid waste into biodegradable and non-biodegradable waste. The biodegradable waste like waste food from canteen and other area is used in Biogas Plant, installed outside the canteen and Biogas generated is used as a fuel in canteen. The non-biodegradable waste is collected in dustbins/container and is over to disposal department of Pimpri Chinchwad Municipal Corporation through Housekeeping staff.

The Institute has a Sewage Treatment plant in which all the sewage generated is treated aerobically round the clock and the treated water with permissible disposal parameters like BOD: 20 mg/lit, SS:30 mg/lit is recycled to use for gardening in the premises.

The Institute generates a very small quantity of E-waste generated in the form of CDs, batteries, fluorescent bulbs, PCBs and other electronic items etc. which is handed over to one private Agency for its safe disposal. Hazardous chemicals and radioactive waste is not generated in the campus.



**Principal**  
Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune.







"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

**Ajeenkya D Y Patil Group of Institution's Technical Campus**  
**Dr D Y PATIL SCHOOL OF ENGINEERING**

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720

(Accredited by NAAC)

**7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste.**

Documents Enclosed.....

- 1) Solid waste management
- 2) Liquid waste management
- 3) Test results for water and sewage Quality
- 4) MOU for Plastic and E Waste Management

**Principal**

Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune.







"Empowerment through quality technical education"

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(Approved By AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University).

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGPO15720

(Accredited by NAAC)

### Solid waste management:

The waste is segregated at source. There is a solid waste disposal arrangement in the premises at Technical Campus level. Small dust bins have been kept on all appropriate locations in Campus like in each classroom, administrative building, and library buildings and in toilets. These small dust bins are emptied daily in bigger dust bins kept on each floor near toilet Blocks. The waste from big sized dustbins are taken alternate days by PCMC. Cleanliness is satisfactorily maintained in the campus. They collect all solid waste generated in the campus including the dry and partially biodegraded tree leaves in e-vehicles and hand it over to one other approved agency for further disposal. So no solid waste remains unattended and accumulated in the technical campus. The whole operation is shown in Figure 1, 2 and 3.

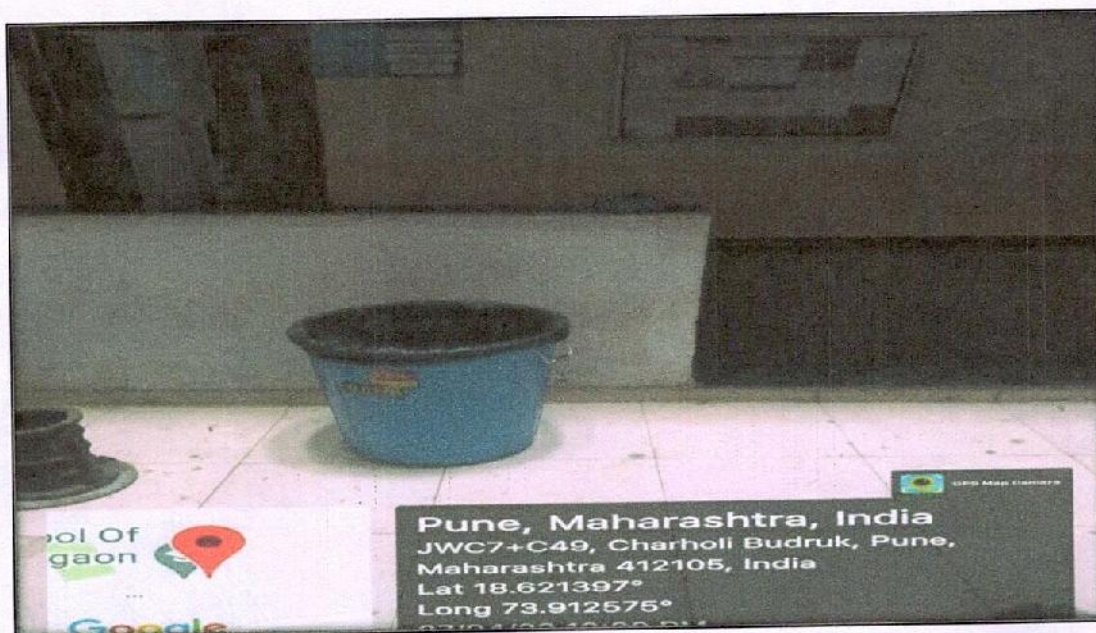



Figure-1: Collection bins in the Technical campus



  
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**Figure-2: Collection of solid waste treatment system in the Technical campus**



**Figure-3: Disposal of solid waste out of Technical campus through external agency**



*(Signature)*  
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## Liquid waste management:

The Institute has a Sewage Treatment Plant (STP) of Capacity 300 KLPD, to treat the Liquid Waste. The treated water is used for gardening purposes .The STP is shown in Figure 4.

Table 2: Details of sewage disposal method

Sr. No.	Waste category	Method of disposal
1	From toilets	Closed drainage system
2	From other buildings	Closed drainage systems

There is a STP in the premises which treats sewage generated in the Technical campus. The plant is very well maintained and is continuously run by Mr. Satish Jirekar who is a Plant operator. The details of important features, treatment methodology and the flow diagram of STP are shown in Figure 4.

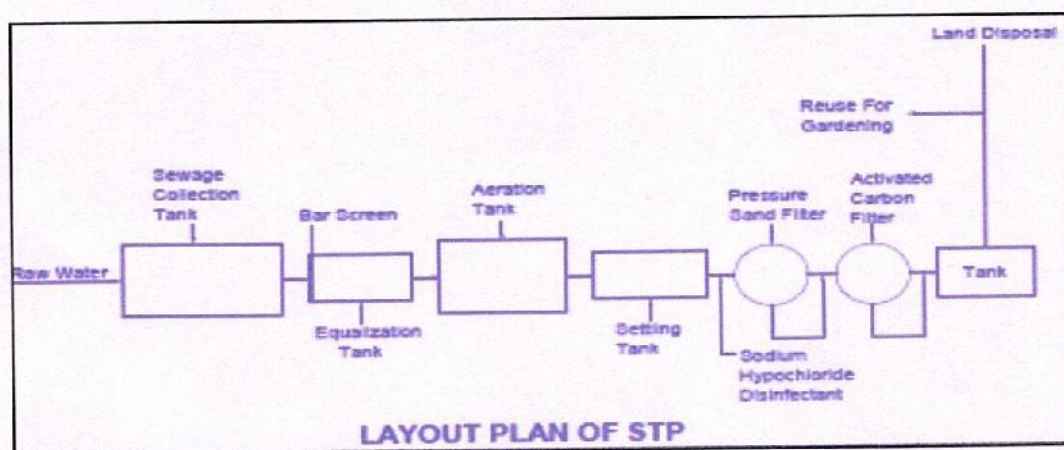


Figure-4: Sewage Treatment Plant in the Technical Campus

- The sewage is generated in the premises of Dr. D. Y. Patil Technical Campus from all school and colleges buildings including building of Dr. D.Y. Patil SOE, along with waste water from Central Canteen.
- The combined waste is then treated by Aerobic Sewage Treatment Plant of capacity equal to 300000 litres per day.
- The raw sewage is first collected into collection tank is then passed on to Equalisation tank via Screen to remove rubbish matter and to normalise the pH of the flow.
- The sewage is then pumped from equalisation tank to Aeration tank by 1 no. of separate pumps (100% standby) for longer duration to develop effective aerobic bacteria culture to digest the organic matter in the sewage.
- The aerated sewage is then passed into settling tank to separate sludge from the treated water. While sludge accumulated in hopper bottom of settling tank is recirculated in the system, the SUPERNATANT is then disinfected with Sodium Hypo chloride and passed into Pressure filter for filtration.
- The filtered sewage is passed through Activated Carbon treatment unit to adsorb remaining organic matter and remove odour and colour.



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- The finally treated water is collected in separate sump and is left into two outlets viz. for reuse in Garden and for land disposal in the premises.
- The STP is running at its best efficiency since there is no smell generated and the Biochemical Oxygen demand and Suspended solids (SS) of finally treated sewage are within the permissible range of 20 mg/litre and 30 mg/lit respectively as per IS 6908-1975.

**Biomedical waste management:** Disposed in separate bins and taken away by Pimpri Chinchwad Municipal Corporation (PCMC)

**E-waste management:** No considerable E –waste has been generated in the campus however whatever small E-Waste is generated it is disposed of through Authorized Vendors.


**Waste recycling system:** The organic waste generated is composted in a Bio Composting Pit and the compost produced is used for own garden in the premises.



**Figure-5:** Garbage disposal vermin culture Plant in the Technical Campus

**Hazardous chemicals and radioactive waste management:** No such kind of waste is generated in the technical campus of Ajeenkya D Y Patil school of Engineering,





  
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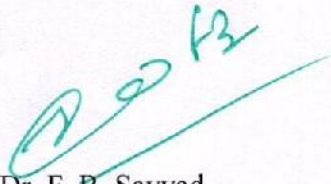


### Overall Abstract of Solid waste disposal in Technical Campus

Sr. No.	Waste category	Method of disposal
1	From other buildings	Closed drainage systems
2	Garden waste	Garbage disposal Plant
3	Biomedical waste	Disposed in separate bins and taken away by PCMC
4	E waste	No considerable E-waste has been generated

  
Dr. R. C. Katdare  
Assistant Professor

  
Lt. Col. S. M. Karodpati(Retd.)  
HoD Civil

  
Dr. F. B. Sayyad  
Principal  
**PRINCIPAL  
ADYPSOE, PUNE**







Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105  
**NAAC Accredited**  
**Testing and Consultancy Services Cell**



Test Report	
Sample No: 08102021	Report No.: 0308102021
Customer Name: DYP SOE	Date of Sample collection : 07/10/2021
Customer Address: Lohegaon Pune	Date of Testing: 08/10/2021
Client Name: DYP SOE	Report Date: 08/10/2021
Site: DYP SOE	Sample Condition: Acceptable
Collection point : Bore well No.1,2 & 4	

**Water Quality Test**

Sr.No	Test Particulars	Test Result			Units	Test Method	Acceptable limit
		Sample of Bore No 1	Sample of Bore No 2	Sample of Bore No 4			
1	pH	7.5	6.9	6.3		IS:3025(part-11)	6.5-8.5
2	TDS	486	350	186	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	71.23	58.63	39.84	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	56.98	42.13	36.9	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	49.65	36.26	33.44	mg/lit	IS:3025(part-32)	Maximum 2000

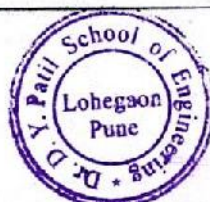
Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.  
 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare

Authorized Signatory

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)



**PRINCIPAL**  
**ADYPSOE, PUNE**







Dr. D. Y. Patil Technical Campus

# Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105

NAAC Accredited

Testing and Consultancy Services Cell



## Test Report

Sample No: 08042022

Report No.: 0108042022

Customer Name: DYP SOE

Date of Sample collection : 08/04/2022

Customer Address: Lohegaon Pune

Date of Testing: 08/04/2022

Client Name: DYP SOE

Report Date: 09/04/2022

Site: DYP SOE

Sample Condition: Acceptable

Sample Sewage water

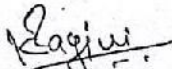
## Water Quality

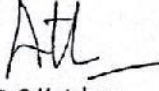
### Test


### Test Results

Sr.No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	BOD	20.25	mg/lit	IS:10500-2012 & APHA	Maximum 20
2	COD	235.30	mg/lit	IS:10500-2012 & APHA	Maximum 250
3	TS	20.9	mg/lit	IS:10500-2012 & APHA	Maximum 30

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

  
Mrs. Ragini Kelkar,  
Tested by

  
Prof. R. C. Katdare  
Checked By

Authorized Signatory  
  
Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)



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Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105  
**NAAC Accredited**  
**Testing and Consultancy Services Cell**



**Test Report**

Sample No: 21032022

Report No.: 21032022

Customer Name: DYP SOE

Date of Sample collection : 21/03/2022

Customer Address: Lohegaon Pune

Date of Testing: 21/03/2022

Client Name: DYP SOE

Report Date: 22/03/2022

Site: DYP SOE

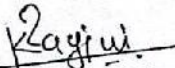
Sample Condition: Acceptable

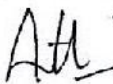
Sample Bore well Water

**Water Quality Test  
Test Results**


Sr.No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	7.1		IS:3025(part-11)	6.5-8.5
2	TDS	250	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	145.36	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	135.68	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	125.45	mg/lit	IS:3025(part-32)	Maximum 2000

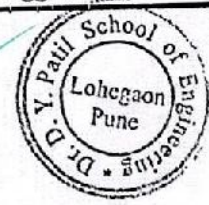
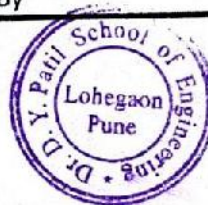
Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

  
Mrs. Ragini Kelkar,  
Tested by

  
Prof. R. C. Katdare  
Checked By

Authorized Signatory

  
Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)



**PRINCIPAL  
ADYPSOE, PUNE**





Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412105  
**NAAC Accredited**  
**Testing and Consultancy Services Cell**



**Test Report**

Sample No: 21032022

Report No.: 21032022

Customer Name: Dr.D.Y.Patil  
 School of Engineering.

Date of Sample collection : 21/03/2022

Customer Address: Lohegaon Pune

Date of Testing: 21/03/2022

Client Name: DYPSCOE

Report Date: 21/03/2022

Site:

Sample Condition: Acceptable

Sample Wash room Water TAP

**Water Quality Test  
 Test Results**

Sr.No	Test Particulars	Test Result			Units	Test Method	Acceptable limit
		Sample No 1	Sample No 2	Sample No 3			
1	pH	7.0	6.5	7.3		IS:3025(part-11)	6.5-8.5
2	TDS	525	298	270	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	93.00	80.00	60.65	Mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	55.65	50.70	38.49	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	91.50	54.88	35.44	mg/lit	IS:3025(part-32)	Maximum 2000

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

*Ragini*  
 Mrs. Ragini Kelkar,  
 Tested by

*AK*  
 Prof. R. C. Katdare  
 Checked By

Authorized Signatory

*SK*  
 Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)



**PRINCIPAL  
 ADYPSOE, PUNE**

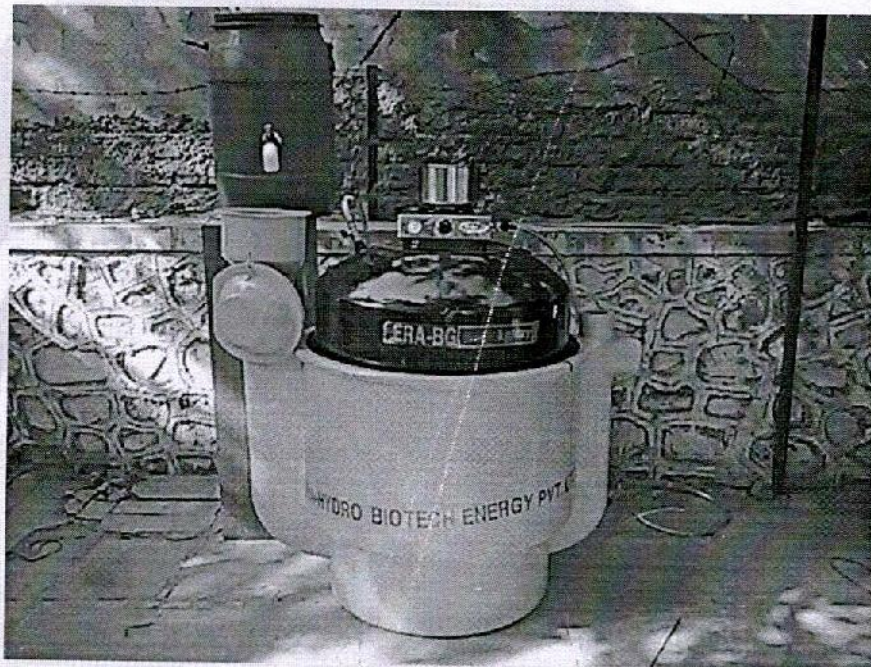




**ERA** HYDRO-BIOTECH  
ENERGY PRIVATE LIMITED

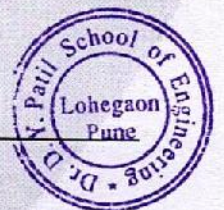
**BIOGAS PLANTS**  
**(PRE FABRICATED)**

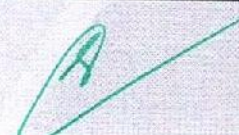
Capacity:  
5 kg/day,  
10 kg/day,  
25 kg/day,  
50 kg/day,  
100 kg/day,  
150 kg/day,  
200 kg/day)



BY

**ERA -HYDROBIOTECH ENERGY PVT LTD, PUNE**



  
**PRINCIPAL**  
**ADYPSOE, PUNE**






### 1. About us:

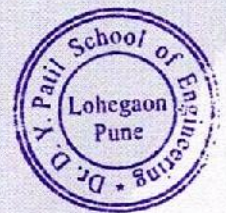
We, **M/s Hydro Biotech Systems** is an **ISO 9001:2008** certified organization operating exclusively in the field of Water & Energy conservation & provide our expertise in the field of

- Eco-friendly green development
- Sewage Treatment & recycle
- Industrial waste water treatment & recycle
- Water treatment & ultra pure water treatment by means of filtration, Softeners Reverse osmosis & Ultra Filtration,
- **Wet garbage/waste food based Bio gas plant based on the technology of Bhabha Atomic Research center ( B.A.R.C.) of government of India**
- Rain water harvesting
- Grey water treatment & recycle systems
- Annual Operation & maintenance of the treatment plants

### 2. FACTS TO BE CONSIDERED IN IMPLEMENTATION OF BIOGAS PLANT

- Waste load quantification to be verified by the client.
  - Quantity of bio gas produced depends upon the type of food/satisfactory operation of the plant
  - Waste food which will be fed to bio gas needs to be crushed & in slurry form prior to loading.
  - Food quantity to be feed as per the schedule.
  - Material like bones/spoons/citrus fruits/any other material which is harmful to Bio gas plant and needs to be removed prior to loading.
  - Feeding of Excess waste than designed capacity will sour the plant & will affect the plant.
  - Hot water needs to be supplied for the plant either by solar water heaters or by heating the feed slurry (By client).
  - It is desirable to keep the plant in open Sun light.
  - Plants needs to be operated as per our O & M Manual
- Details mentioned are for guidance & we reserve the right to change/alter/modify the information/equipment without any prior notice/approval.

  
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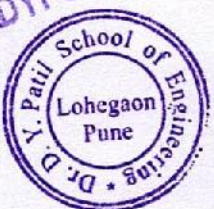




**3. SYSTEM COMPONENTS & SCOPE OF SUPPLY**

1	Model	EFD-5	EFD-10	EFD-25	EFD-50	EFD-100	EFD-150	EFD-200
2	Type	FRP /Fabrication	FRP /Fabrication	FRP /Fabrication	FRP /Fabrication	FRP /Fabrication	FRP /Fabrication	Civil /Fabrication
3	Type of Waste	Food waste	Food waste	Food waste	Food waste	Food waste	Food waste	Food waste
4	Design Waste handling capacity **Raw vegetable, Cooked food waste, Dry waste	5 Kg/Day	10 Kg/day	25 Kg/Day	50 Kg/Day	100 Kg/Day	150 Kg/Day	200 Kg/Day
5	System benefits							
	- Approx. Biogas production [ m3/day]	0.2 To 0.6	0.4 TO 0.8	1.2 To 1.8	2.8 To 3.8	4.8 To 5.8	7.5 To 8.8	10.8 To 11.2.
	- Approx Manure generation ( liquid) [Lit]	9	18	45	80	180	270	360
	- Approx Manure cake [kg/day]	0.5	1	2.5	5	10	15	20
	- Approx Equivalent saving in LPG[kg/day]	0.14	0.3	0.6	1.2	2.7	4.05	5.4
	- Approx No waste dumping [kg/day]	5	10	25	50	100	150	200
	Above benefits depends upon the efficient operation & waste quality							
6	Approx. Area Required [L X W] Open space.	2m X 1m	2m X 1m	2 m x 2m	3.5 m x 2.5m	5 m x 2.5 m	7 m x 4.5 m	10 m x 5 m
7	Electricity required for plant operation	@ 1 kw	@ 1 kw	@ 1 kw	@ 1 kw	@ 1 kw	@ 1 kw	@ 1 kw
8	Daily saving due to this plant							
	Approx. LPG saving [Rs. 70/Kg]	9.8	21	42	84	189	283.5	378
	Approx. Manure worth [Rs. 10/Kg]	5	10	25	50	100	150	200
	Approx. saving due to no waste dumping [Rs. 2/Kg]	10	20	50	100	200	300	400
	Total per day saving	24.8	51	117	234	489	733.5	978
9	Approximate time for full function ability of the plant	15-45	15-45	15-45	15-45	15-45	15-45	15-45

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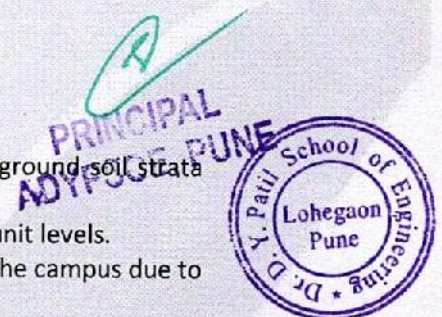


1	Electro-Mechanical Components	Qty.	SCOPE
	Waste processing table and crusher (Optional For 5 KGD)	1 set	By us
	Pre digester	1 set	By us
	Main digester	1 set	By us
	Biogas Holder Dome	1 set	By us
	Biogas piping 6 meters	1 set	By us
	Biogas Burners domestic type	1 set.	By us
2	<b>Civil &amp; Other Components</b>		
	- Platform & Shed to mount the plant		By Client
	- Any excavation & structural supports		By client
	- Hot water supply	As Req'd.	By client

#### 4. List of exclusions

##### Following items /activities are excluded from our scope

- Providing segregated waste food in containers at Biogas plant site.
- Taking away & disposal of non biodegradable waste separated at Biogas plant site.
- Required Civil works/plinths/ladders for plant mounting
- Free of cost Water & electricity required during plant construction, installation, stabilization, commissioning & hydro testing.
- Provision of electricity up to our electrical panel & utility water connection in the processing platform room
- Proper approach & access up to the plant location to perform construction & installation activities
- Obstruction free & leveled site at the plant location
- Responsibility of reuse /disposal of generated manure & Biogas generated from the plant
- Any guarantees/responsibility or relocation of any underground/aboveground/overhung utility lines passing on the site plot.
- Any responsibility of removal /re-plantation/relocation of any kind of flora & fauna at the site location.
- Fencing & area lighting of the plant
- Loading, unloading, storage & safe custody of equipment/material.
- Carting away the constructed /excavated debris or earth from the plant site.
- Demolition /reconstruction of any existing civil & electromechanical work
- Any waste water disposal pipeline beyond plant area. We shall provide the flanges end connection at the outlet of the plant
- Sludge/waste disposal pipeline, debris disposal beyond plant area.
- Drain arrangement in plant area.
- Emergency power supply
- Carting away the excavated soil, debris
- All cabling& Electrical beyond the battery limit.
- Any stabilization /item required to make unstable or weak underground soil strata firm to take the civil load.
- Any excavation in hard rock required to achieve the plant process unit levels.
- Any civil/structural/mechanical guarantees of the existing units in the campus due to construction, operation, installation of this plant.
- Any item not mentioned in our list of supply as well as not agreed by our written communication.







## 5. PRICE & PAYMENT TERMS.

### 5.1 PRICE SCHEDULE -

Supply & installation of **BIOGAS** plant as per scope & exclusions detailed.-

Sr. No	Description	Price
1.	BIOGAS PLANT 5 KGD capacity. Model -EFD5	Rs. 34,950.00
2.	BIOGAS PLANT 10 KGD capacities. Model -EFD10.	Rs. 61,600.00
3.	BIOGAS PLANT 25 KGD capacities. Model -EFD25.	Rs. 98,500.00
4.	BIOGAS PLANT 50 KGD capacities. Model -EFD50.	Rs. 1,65,800.00
5.	BIOGAS PLANT 100 KGD capacity. Model -EFD100.	Rs. 6,35,200.00
6.	BIOGAS PLANT 150 KGD capacity. Model -EFD150.	Rs. 7,93,700.00
7.	BIOGAS PLANT 200 KGD capacity. Model -EFD200.	Rs. 8,95,500.00

### 5.2 Notes:

- Transportation, GST, loading & unloading will be extra as applicable.
- Lodging/boarding, to & Fro travel, local travel of our installation team, local labours (if any) will be borne by the client.
- The above prices are ex works of pune.
- Required initial seeding (cow dung) for plant start up to be arranged by client.
- Any visit required after plant start up will be extra.

### 5.3 PAYMENT TERMS:-

- 50 % advance of the total order value along with the technically & commercial clear purchase order or Letter of intent.
- 40% along with the entire tax component after readiness of the equipment prior to dispatch as per the billing schedule
- 10 % after the start up of the plant or within 30 days after the plant dispatch whichever is early.



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## 6. COMMERCIAL TERMS & CONDITIONS

### Variation/addition in scope of work:

The scope of supply is restricted to supply of equipment as specified in the proposal. Any subsequent additions or alterations will be acceptable to us provided it is convenient to do so and the prices and delivery period are suitably revised.

### Delivery

We shall design, manufacture and supply the equipment within 4 months.

The above delivery period shall be reckoned from the date of commercially and technically clear purchase order.

### Delay in completion

If the completion of work is delayed beyond the contractual date for reasons under your control as listed out hereunder but not limited to them, we shall be entitled to suitable readjustment in the period of completion by mutual consent and the contract will stand amended to that extent.

- a) Delay in approval of final drawings beyond a period of 10 days from the date of submission by us.
- b) Delay in inspection beyond the appointed date or delay in approval of test certificates, whenever required, beyond a period of 7 days from the date of submission by us.
- c) Delay in release of dispatch clearance or hold up of work due to our specific instructions or lack of instruction.
- d) Delay in release of advance or process interim payments towards us beyond 7 days from the due date of our invoice submission.
- e) Delay attributable to Force Majeure conditions, more particularly detailed under appropriate cause hereunder.

### Commissioning

It will be responsibility of the Purchaser to make all arrangements and provide all facilities and materials (which is excluded from our scope as mentioned in the List of exclusions) for carrying out pre-commissioning tests before the date of readiness for such tests as intimated by us. In the event of delay on the other part of purchaser in making these arrangements and consequent delay in commissioning of equipment, the purchaser will release all such payment, which would have been due to us on commissioning of equipment.

### Operating personnel

The purchaser will ensure that his operating personnel are made available before pre-commissioning tests and satisfy themselves about all guarantee parameters. In case of biological treatment mode plants due to longer time in stabilization, purchaser needs to depute their operating team after plant start up. If purchaser needs our manpower present during this time then there will be additional charges to be paid to us at the rate mutually agreed.

### Acceptance of the treatment plant

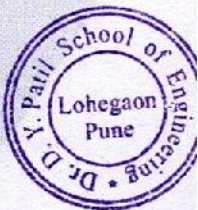
In case if the plant is not commissioned after the supply within a period of 30 days due to the non-availability of effluent/waste or any other reason whatsoever, the plant will be deemed as successfully commissioned.

Since this being a biological process, it will take more time in stabilizing the plant with full load. It will be considered as plant startup when part load of the waste is processed in the plant & from that date it will be considered as plant is commissioned.

### Warranty for equipment

All our equipment is thoroughly inspected before dispatch and therefore can be depended upon for long and trouble free service. Our liability in respect of any defect or failure in the equipment supplied and commissioned by us or any loss, injury or damage attributable therefore shall be limited to good by replacement or repairs, provided the equipment is operated and maintained in accordance with our instruction and arise totally for proven faulty design, materials or workmanship.

This warranty shall be valid for the period of 12 months from the date of dispatch. Our liability in no case shall exceed the invoiced value of the equipment supplied by us, and we shall not liable for any consequential damage or loss such as loss of profit, loss of business opportunities, damage to goodwill or business reputation or any other contractual liability or loss suffered by the Purchaser to third parties. All warranties other than title either express or implied whether arising under law or



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equity including warranties of merchantability and fitness for a particular purpose are excluded from the contract. This is the essence of the contract.

**This warranty is valid subject to the following conditions:**

- a. Bought our components guaranteed by us only to the extent of guarantees given to us by our suppliers. Electrical components such as heaters, motors, contactors, etc., rubber components and instruments such as pressure gauges, etc. are however not covered under this warranty.
- b. In respect of the equipment where dispatch after readiness is delayed due to specific instructions or lack of instructions from you, the warranty will be limited to 18 months from the date of readiness for dispatch of equipment as notified by us.
- c. No repairs or replacements, unless authorized by us in writing, will be carried out by any other party on our equipment during the warranty period.
- d. The warranty period does not cover the following:
  - i. Normal wear and tear
  - ii. Damage/defects arising out of mal-operation of the plant by the purchaser and accidents.
- e.
  - i. The equipment or part thereof being subject to accident, alteration, abuse or misuse.
  - ii. The equipment not being operated and maintained as per Operation and Maintenance Instructions

**Material Storage & safe custody:**

It will be a client responsibility to store & safe guard the material after dispatch from our works as well as during installation, commissioning activities and also after the completion of the activity.

If at any of the stage, any of the supplied material found damaged or missing from the site then client needs to pay for the subject material as per agreed value. We will not be responsible for any of the delay/claim of any sort arises due to such material missing/damage etc incidents.

**General:**

Except this offer, any other discussion, agreement will not be form the part of the contact at time of accepting order unless and until confirmed by us in writing.

**Validity of this offer**

Unless previously revoked, our offer will be valid for 120 days from the date of this proposal.

**Order cancellation:**

If purchaser cancels part or complete order without any reasons attributed due to us then compensation of 10 % of order value will be given by the purchaser as a compensation charges .

If at the time of cancellation of the part or complete order ,if we have done any expenditure by means of man power ,advances towards machinery or fabrication purpose, procured any material then purchaser will pay the basic cost of this item + 15 % extra towards management charges in addition to the compensation charges as mentioned above.

**Ware housing charges:**

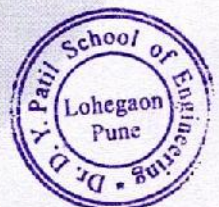
If dispatches gets delayed due to purchaser's instruction or any other reasons attributed to purchaser, then ware house expenses shall be payable by the purchaser @ 2 % of the consignment value per month or part thereof.

**Excess material:**

For smooth & timely uninterrupted execution, we do send number of items, fittings, tools & tackles, etc in excess .Such items which may remain unused or partly used will belongs to us and will be taken back by us as required.

**Force majeure:**

We shall be under no liability for delay in delivery/completion of work if we or our subcontractors/suppliers are prevented from discharging our respective obligations under the contract for causes beyond our reasonable control including but not limited to war ( wheatear declared or not),invasion, acts of enemies ,hostilities, riots, civil commotion, labor disturbances, strikes, lockout, lay offs ,mutinity,insurrection,rebillion,revolution,epidemics,accidents,delay or inability to obtain materials due to change in import & government policy or other statutory restrictions ,lack of transport facilities, interruptions/restrictions in power supply, damage to or break down of plant machinery and equipment etc, as well as any natural calamities or acts of God.



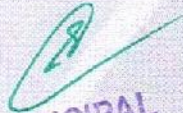
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**ADYPSOE, PUNE**

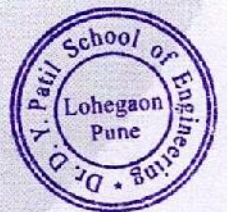




**Consequential damages:**

We are not at any time liable to any sort of loss or profits of purchaser or any other kind of damages due to supply or delay in the supply of the ordered plant/machinery or services.

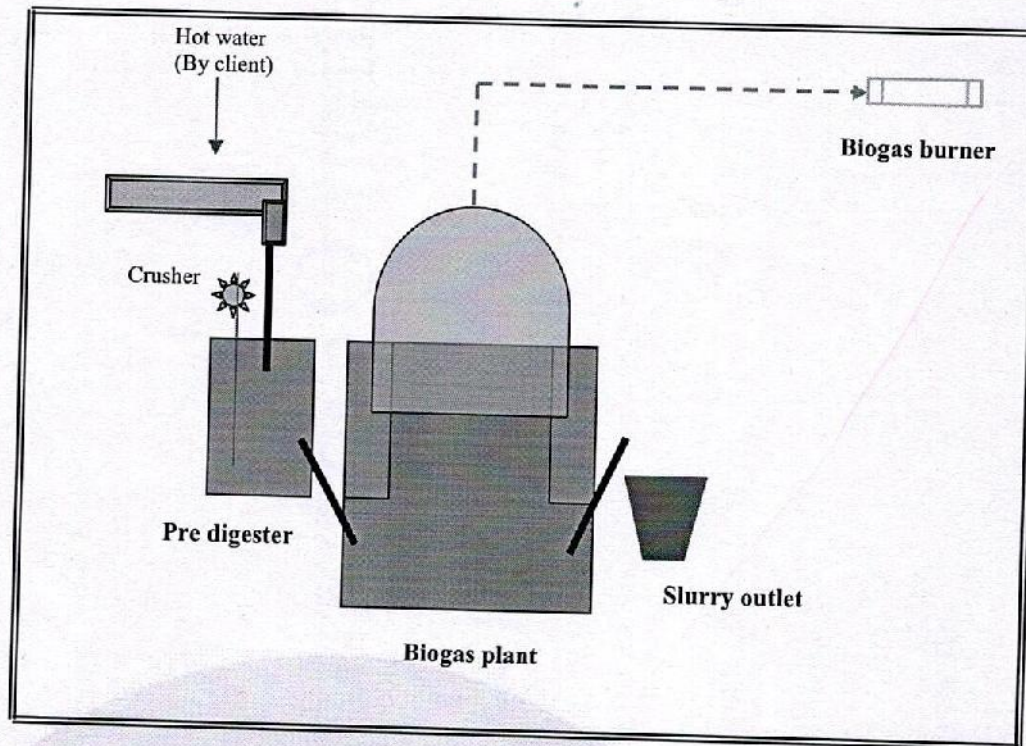
  
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**7. FLOW SHEET OF THE SYSTEM (TYPICAL)**



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Dr. D.Y. Patil School of Engineering &  
Technology, Charholi (Bk.), Lohgaon, Pune -  
412 105



## CERTIFICATE

This is to certify that Mr. Akshay Harimkar, Mr. Akash Devade, Mr. Nikhil Haral and Mr. Pritish Khutal has successfully completed the project work entitled "Design & Manufacturing of Biogas Plant using Canteen Waste" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering of University of Pune.

Date: 07/06/2019

Place: Pune

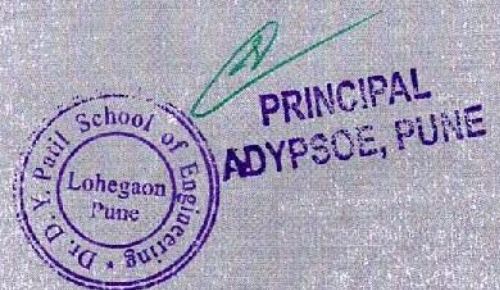
Mr. Sachin Rahinj  
Project Guide

Internal Examiner

Prof. Rahul Bachute  
H.O.D Mechanical,  
DYPSOET

Dr. Ashok Kasnale  
Principal, DYPSOET

External Examiner







"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

**Ajeenkya D Y Patil Group of Institution's Technical Campus**  
**Dr D Y PATIL SCHOOL OF ENGINEERING**

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720

[Accredited by NAAC]

### ***7.1.4 Water Conservation Facilities Available In the Institution***

Documents Enclosed:

1. STP Information
2. STP Test Reports
3. Water Distribution System in the campus
4. Water Test Reports and Water Consumption Bills



**Principal**

Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune.



## **1. STP Information**

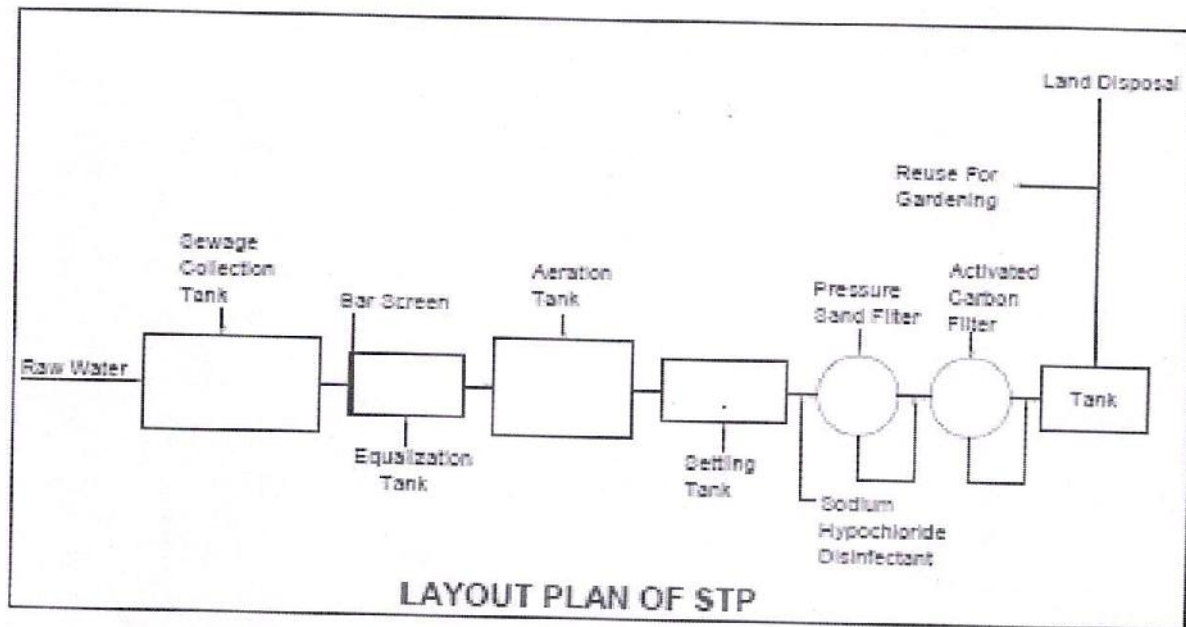




**Details of existing sewage treatment Plant (STP) in the premises of Dr. D.Y. Patil School of Engineering, Lohegaon**

**1) Sewage Treatment Plant:**

The flow diagram of Sewage treatment Plant and the treatment method is explained below.



- The sewage is generated in the premises of Dr. D. Y. Patil Technical Campus from all school and colleges buildings including building of Dr. D.Y. Patil SOE, along with waste water from Central Canteen.
- The combined waste is then treated by Aerobic Sewage Treatment Plant of capacity equal to **300000** litres per day.
- The raw sewage is first collected into collection tank is then passed on to Equalisation tank via Screen to remove rubbish matter and to normalise the pH of the flow.
- The sewage is then pumped from equalisation tank to Aeration tank by 1 no. of separate pumps (100% standby) for longer duration to develop effective aerobic bacteria culture to digest the organic matter in the sewage.
- The aerated sewage is then passed into settling tank to separate sludge from the treated water. While sludge accumulated in hopper bottom of settling tank is recirculated in the
- 

  
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Dr. D. Y. Patil Technical Campus

## Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

Website: [www.dypic.in](http://www.dypic.in) Contact No.: 020-6707 7926

system, the SUPERNATANT is then disinfected with Sodium Hypo chloride and passed into Pressure filter for filtration.

- The filtered sewage is passed through Activated Carbon treatment unit to adsorb remaining organic matter and remove odour and colour.
- The finally treated water is collected in separate sump and is left into two outlets viz. for reuse in Garden and for land disposal in the premises.
- The STP is running at its best efficiency since there is no smell generated and the Biochemical Oxygen demand and Suspended solids (SS) of finally treated sewage are within the permissible range of **20 mg/litre and 30 mg/lit respectively** as per IS 6908-1975.



**Dr. F. B. Sayyad**

Principal

**PRINCIPAL**  
ADYPS



## **2. STP Test Report's**



## UL/DF/20A/Rev 02

Date : 13 Jun 2023

(All values except pH are in mg/l; BLQ - Below limit of Quantification; \* - Not covered under NABL scope)

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**Sudhir Bhalerao**  
*Authorized Signatory*

----- End of report -----





**DECCAN ENVIRONMENTAL  
CONSULTANTS PVT. LTD.**  
AN ISO 9001:2008 CERTIFIED COMPANY

Godown : Sr. No. 101, Ambegaon Khurd,  
Tal. Haveli, Dist. Pune - 411 046.  
INDIA  
Email : deccanenviro@gmail.com

**MAINTENANCE RECORD**

DATE : 11/07/2023  
CLIENT : श्री अरवि चिंदेकर मिल्स  
CONTRACT : AMC/O&M  
CONTACT PERSON: Satish Gitekar  
DECPL REPRESENTATIVE  
1) श्री अरवि चिंदेकर  
2) श्री अरवि चिंदेकर

MAINTENANCE RECORD : WORK DONE

Sr. No	Job	Feed Pump		Sludge Pump		F.F.P.		Air Blower		PSF	ACF	CF	UF	Other Maintenance
		P1	P2	P1	P2	P1	P2	AB1	AB2					
1	Grease	✓	✓	✓	✓	✓	✓	✓	✓					
2	Gland packing rope tight and checked	✓	✓	✓	✓	✓	✓	✓	✓					
3	Gland packing rope replace	✓	✓	✓	✓	✓	✓	✓	✓					
4	Check and maintain coupling alignment	✓	✓	✓	✓	✓	✓	✓	✓					
5	Check motor fan alignment	✓	✓	✓	✓	✓	✓	✓	✓					
6	Backwash	✓	✓	✓	✓	✓	✓	✓	✓					
7	Rinse	✓	✓	✓	✓	✓	✓	✓	✓					
8	Clear Choke on Suction and Discharge	✓	✓	✓	✓	✓	✓	✓	✓					
9	Oil top up / Oil Change	✓	✓	✓	✓	✓	✓	✓	✓					
10	Oil Level	✓	✓	✓	✓	✓	✓	✓	✓					
11	Check Air blower & motor alignment	✓	✓	✓	✓	✓	✓	✓	✓					
12	Cleaning of Suction filter	✓	✓	✓	✓	✓	✓	✓	✓					
13	Check of Noise	✓	✓	✓	✓	✓	✓	✓	✓					
14	Maintaining Safety Valve setting	✓	✓	✓	✓	✓	✓	✓	✓					
15	Check electrical connections	✓	✓	✓	✓	✓	✓	✓	✓					
16	Operation of valve	✓	✓	✓	✓	✓	✓	✓	✓					

STP Working  
Good condition



PRINCIPAL  
ADYPSOE, PUNE





# DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

AN ISO 9001:2000 CERTIFIED COMPANY

Regd. Office : 5, Prasad Apts., 43/14, Erandwana,  
Behind Indian Overseas Bank,  
Nal Stop Chowk, Pune 411 004, INDIA  
Tel. : (020) 3253 7941  
TeleFax. : (020) 2545 3174  
Email : deccanenviro@gmail.com

## VISIT REPORT

Date: 11/07/2023

Client Name : डी वाय पाटिल कॉलेज

Contact Person: satish dherekar

STP Capacity : 300 M<sup>3</sup>

Handover Date:

Contract : AMC/O & M

Contract Period:

### OPERATIONS

Sr. No.	Equipments	Observations												
1	Screen	OK												
2	Feed Pump      Flow Rate:	<table><tr><th>Pump</th><th>Measuring Cap (L)</th><th>Time (sec)</th><th>m<sup>3</sup>/hr</th></tr><tr><td>1 OK</td><td></td><td></td><td>7.200</td></tr><tr><td>2 OK</td><td></td><td></td><td>7.200</td></tr></table>	Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr	1 OK			7.200	2 OK			7.200
Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr											
1 OK			7.200											
2 OK			7.200											
3	Air Blowers      Status:	<table><tr><th>AB</th><th>Oil Level</th><th>Operation</th><th>Belt tension</th></tr><tr><td>1</td><td>OK</td><td>OK</td><td>OK</td></tr><tr><td>2</td><td>OK</td><td>OK</td><td>OK</td></tr></table>	AB	Oil Level	Operation	Belt tension	1	OK	OK	OK	2	OK	OK	OK
AB	Oil Level	Operation	Belt tension											
1	OK	OK	OK											
2	OK	OK	OK											
4	Filter Feed Pump	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td>1</td><td>OK working properly</td></tr><tr><td>2</td><td>OK working properly</td></tr></table>	Pump	Operation	1	OK working properly	2	OK working properly						
Pump	Operation													
1	OK working properly													
2	OK working properly													
5	Dosing Pump,  Ozonation	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td>OK</td><td>working properly</td></tr></table>	Pump	Operation	OK	working properly								
Pump	Operation													
OK	working properly													
6	Sludge Pump	Operator confirmed operated for <u>30</u> min/shift X <u>1</u> Shift												
7	Electrical Panel	<table><tr><td>Incoming Current -</td><td></td></tr><tr><td>Incoming Voltage -</td><td>R - 232</td></tr><tr><td></td><td>Y - 235</td></tr><tr><td></td><td>B - 237</td></tr></table>	Incoming Current -		Incoming Voltage -	R - 232		Y - 235		B - 237				
Incoming Current -														
Incoming Voltage -	R - 232													
	Y - 235													
	B - 237													
8	Piping, Fittings & Valves	piping fittings & valves OK												

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ADYPSOE, PUNE







# DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

AN ISO 9001:2000 CERTIFIED COMPANY

Regd. Office : 5, Prasad Apts., 43/14, Erandwana,  
Behind Indian Overseas Bank,  
Nal Stop Chowk, Pune 411 004, INDIA  
Tel. : (020) 3253 7941  
TeleFax : (020) 2545 3174  
Email : deccanenviro@gmail.com

## VISIT REPORT

Date: 11/07/2023

Client Name : *डी वाय पाटिल कॉलेज*

Contact Person: *Satish Girekar*

STP Capacity : *300 m<sup>3</sup>*

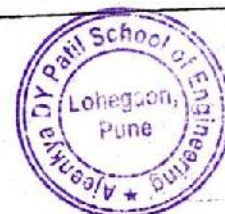
Handover Date:

Contract : *AMC/O & M*

Contract Period:

### OPERATIONS

Sr. No.	Equipments	Observations												
1	Screen	OK												
2	Feed Pump      Flow Rate:	<table><tr><th>Pump</th><th>Measuring Cap (L)</th><th>Time (sec)</th><th>m<sup>3</sup>/hr</th></tr><tr><td>1 OK</td><td></td><td></td><td>7.200</td></tr><tr><td>2 OK</td><td></td><td></td><td>7.200</td></tr></table>	Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr	1 OK			7.200	2 OK			7.200
Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr											
1 OK			7.200											
2 OK			7.200											
3	Air Blowers      Status:	<table><tr><th>AB</th><th>Oil Level</th><th>Operation</th><th>Belt tension</th></tr><tr><td>1 OK</td><td>OK</td><td>OK</td><td>OK</td></tr><tr><td>2 OK</td><td>OK</td><td>OK</td><td>OK</td></tr></table>	AB	Oil Level	Operation	Belt tension	1 OK	OK	OK	OK	2 OK	OK	OK	OK
AB	Oil Level	Operation	Belt tension											
1 OK	OK	OK	OK											
2 OK	OK	OK	OK											
4	Filter Feed Pump	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td>1 OK</td><td>working properly</td></tr><tr><td>2 OK</td><td>working properly</td></tr></table>	Pump	Operation	1 OK	working properly	2 OK	working properly						
Pump	Operation													
1 OK	working properly													
2 OK	working properly													
5	Dosing Pump,  Ozonation	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td>OK</td><td>working properly</td></tr></table>	Pump	Operation	OK	working properly								
Pump	Operation													
OK	working properly													
6	Sludge Pump	Operator confirmed operated for <u>30</u> min/shift x <u>1</u> Shift												
7	Electrical Panel	Incoming Current - Incoming Voltage - R - 232 Y - 235 B - 237												
8	Piping, Fittings & Valves	piping fittings & valves OK												



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9	Filters	Operator confirmed backwash & rinse done after operation X <u>1</u> shift
10	Air Grids	Equalization Tank - <u>OK</u> Aeration Tank - <u>OK</u> C.C. / Tr. W/W Tank - <u>OK</u>
12	MMBR Media	Quantity checked - <u>OK</u>
14	Sludge Tank	Cleaned on _____ (Recommended - Once in <u>365</u> days) Cleaning done before <u>180</u> days.
15	Log Sheet Record	<u>NOT available</u>
16	Manual availability at site	<u>NOT available</u>
17	Sampling	Visual Check - <u>clean</u>

OTHER COMMENTS:

All Equipment are running Condition.

Clients

Name : Satish Jirekar

Signature : [Signature]

DECPL

Name : Ganpat Chokne

Signature : [Signature]

[Signature]  
PRINCIPAL  
ADYPSOE, PUNE





## UL/DF/20A/Rev. 02

**Date** : 15 May 2023

(All values except pH are in mg/l; BLQ - Below limit of Quantification; \* - Not covered under NABL scope.)

End of report

Analyst \_\_\_\_\_ End of report \_\_\_\_\_

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ation of the promotional text and images to the data generated by UNIK Lab for the manufacturer and sponsor.





# **DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.** AN ISO 9001:2000 CERTIFIED COMPANY

Regd. Office: A-1, Phase-1, A-1, 1st Floor, Deccan  
Park, Kalyan, Maharashtra  
Andhra Pradesh, India 500 015  
Tel: 0866 251 0001  
Fax: 0866 251 0002  
Email: deccan@deccanenv.com

## VISIT REPORT

Date: 07/08/2018

Client Name: D Y Patil College

Handover Date:

Contact Person: English Director

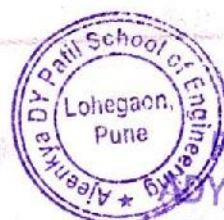
Contact: AMC / O & M

Site Capacity: 1

Contract Period:

### **OPERATIONS**

Sr. No.	Equipments	Observations												
1	Screen	Clear												
2	Feed Pump Flow Rates:	<table><tr><th>Pump</th><th>Measuring Cap (L)</th><th>Time (sec)</th><th>m<sup>3</sup>/hr</th></tr><tr><td>1</td><td></td><td></td><td></td></tr><tr><td>2</td><td></td><td></td><td></td></tr></table>	Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr	1				2			
Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr											
1														
2														
3	Air Blowers Status:	<table><tr><th>AB</th><th>Oil Level</th><th>Operation</th><th>Belt tension</th></tr><tr><td>1</td><td>OK</td><td>OK</td><td>OK</td></tr><tr><td>2</td><td>OK</td><td>OK</td><td>OK</td></tr></table>	AB	Oil Level	Operation	Belt tension	1	OK	OK	OK	2	OK	OK	OK
AB	Oil Level	Operation	Belt tension											
1	OK	OK	OK											
2	OK	OK	OK											
4	Filter Feed Pump	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td>1</td><td>Not working</td></tr><tr><td>2</td><td>Not working</td></tr></table>	Pump	Operation	1	Not working	2	Not working						
Pump	Operation													
1	Not working													
2	Not working													
5	Dosing Pump,  Ozonation	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td></td><td>OK</td></tr></table>	Pump	Operation		OK								
Pump	Operation													
	OK													
6	Sludge Pump	Operator confirmed operated for 80 min/shift X 1 shift												
	Electrical Panel	<table><tr><td>Incoming Current</td><td>A</td></tr><tr><td>Incoming Voltage</td><td>8.231 V</td></tr><tr><td></td><td>8.234 V</td></tr><tr><td></td><td>8.230 V</td></tr></table>	Incoming Current	A	Incoming Voltage	8.231 V		8.234 V		8.230 V				
Incoming Current	A													
Incoming Voltage	8.231 V													
	8.234 V													
	8.230 V													
7	Piping, Fittings & Valves	OK in condition working												



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9	Filters	Operator confirmed backwash & rinse done after operation X <u>1</u> shift
10	Air Grids	Equalization Tank - <u>OK</u> Aeration Tank - <u>OK</u> C.C. / Tr. W/W Tank - <u>OK</u>
12	MMBR Media	Quantity checked - <u>OK</u>
14	Sludge Tank	Cleaned on _____ (Recommended - Once in <u>365</u> days) Cleaning done before <u>180</u> days.
15	Log Sheet Record	<u>NOT available</u>
16	Manual availability at site	<u>NOT available</u>
17	Sampling	Visual Check - <u>clean</u>

OTHER COMMENTS:

All Equipment are running condition.

Clients

Name : Satish Jirekar.  
Signature : [Signature]

DECPL

Name : Ganpat Phokne  
Signature : [Signature]

A  
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# DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

AN ISO 9001:2008 CERTIFIED COMPANY

Godown : Sr. No. 101, Ambegaon Khurd,  
Tal. Haveli, Dist. Pune - 411 046.  
INDIA  
Email : deccanenviro@gmail.com

## MAINTENANCE RECORD

DATE : 07/06/2023 CONTRACT : AMC/O&M

CLIENT : D.Y. Patil college CONTACT PERSON: Satish Dhirekar

DECPL REPRESENTATIVE  
1) Ganpat Shinde  
2) Sujith Sute

MAINTENANCE RECORD : WORK DONE

Sr. No	Job	Feed Pump		Sludge Pump		F.F.P.		Air Blower		PSF	ACF	CF	UF	Other Maintenance
		P1	P2	P1	P2	P1	P2	AB1	AB2					
1	Grease	✓		✓		✓		✓	✓					
2	Gland packing rope tight and checked	✓		✓		✓								
3	Gland packing rope replace	✗		✗										
4	Check and maintain coupling alignment	✓		✓										
5	Check motor fan alignment	✓		✓		✓		✓	✓	✗	✗			
6	Backwash									✓	✓			
7	Rinse									✓	✓			
8	Clear Choke on Suction and Discharge													
9	Oil top up / Oil Change							✓	✓					
10	Oil Level							✓	✓					
11	Check Air blower & motor alignment							✓	✓					
12	Cleaning of Suction filter							✓	✓					
13	Check of Noise	✓		✓		✓		✓	✓					
14	Maintaining Safety Valve setting													
15	Check electrical connections	✓		✓		✓		✓	✓					
16	Operation of valve	✓		✓		✓		✓	✓	✓	✓			

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# DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

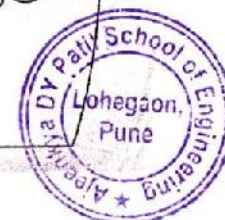
AN ISO 9001:2008 CERTIFIED COMPANY

Godown : Sr. No. 101, Ambegaon Khurd,  
Tal. Haveli, Dist. Pune - 411 046.  
INDIA  
Email : deccanenviro@gmail.com

## MAINTENANCE RECORD

DATE : 8-5-23 CONTRACT : AMC/O&M DECPL REPRESENTATIVE  
CLIENT : Dr. D. Y. Patil college CONTACT PERSON: Mr. Satish Jirakar 1) Sujit  
2) Kishor  
MAINTENANCE RECORD : WORK DONE

Sr. No	Job	Feed Pump		Sludge Pump		F.F.P.		Air Blower		PSF	ACF	CF	UF	Other Maintenance
		P1	P2	P1	P2	P1	P2	AB1	AB2					
1	Grease	✓	✓	✓										X STP working properly good condition  * filter media need to change
2	Gland packing rope tight and checked	✓	✓	✓		✓	✓							
3	Gland packing rope replace													
4	Check and maintain coupling alignment													
5	Check motor fan alignment	✓	✓	✓		✓	✓	✓	✓					
6	Backwash									✓	✓			
7	Rinse									✓	✓			
8	Clear Choke on Suction and Discharge													
9	Oil top up / Oil Change							OK	OK					
10	Oil Level							OK	OK					
11	Check Air blower & motor alignment							✓	✓					
12	Cleaning of Suction filter							✓	✓					
13	Check of Noise	✓	✓	✓		✓	✓	✓	✓					
14	Maintaining Safety Valve setting													
15	Check electrical connections	✓	✓	✓		✓	✓	✓	✓					
16	Operation of valve	✓	✓	✓		✓	✓	✓	✓	✓	✓			







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Tel. : (020) 3253 7941  
TeleFax. : (020) 2545 3174  
Email : deccanenviro@gmail.com

## VISIT REPORT

Date: 8-5-23

Client Name : Dr. D. Y. Patil College

Handover Date:

Contact Person: Mr. Satish Jirakar

Contract :

AMC/O & M

STP Capacity : 300 m<sup>3</sup>/d

Contract Period:

### OPERATIONS

Sr. No.	Equipments	Observations												
1	Screen	Clean												
2	Feed Pump      Flow Rate:	<table><tr><th>Pump</th><th>Measuring Cap (L)</th><th>Time (sec)</th><th>m<sup>3</sup>/hr</th></tr><tr><td>1</td><td>20 L</td><td>5.76</td><td>12.05</td></tr><tr><td>2</td><td>20 L</td><td>5.76</td><td>12.05</td></tr></table> <p>Working ok</p>	Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr	1	20 L	5.76	12.05	2	20 L	5.76	12.05
Pump	Measuring Cap (L)	Time (sec)	m <sup>3</sup> /hr											
1	20 L	5.76	12.05											
2	20 L	5.76	12.05											
3	Air Blowers      Status:	<table><tr><th>AB</th><th>Oil Level</th><th>Operation</th><th>Belt tension</th></tr><tr><td>1</td><td>OK</td><td>Working</td><td>Neat</td></tr><tr><td>2</td><td>OK</td><td>Working</td><td>Neat</td></tr></table>	AB	Oil Level	Operation	Belt tension	1	OK	Working	Neat	2	OK	Working	Neat
AB	Oil Level	Operation	Belt tension											
1	OK	Working	Neat											
2	OK	Working	Neat											
4	Filter Feed Pump	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td>1</td><td>Working ok</td></tr><tr><td>2</td><td>Working ok</td></tr></table>	Pump	Operation	1	Working ok	2	Working ok						
Pump	Operation													
1	Working ok													
2	Working ok													
5	Dosing Pump, <u>Ozonation</u>	<table><tr><th>Pump</th><th>Operation</th></tr><tr><td></td><td>Working ok</td></tr></table>	Pump	Operation		Working ok								
Pump	Operation													
	Working ok													
6	Sludge Pump	Operator confirmed operated for <u>20</u> min/shift X <u>01</u> Shift												
7	Electrical Panel	Incoming Current - 37 A Incoming Voltage - R- 231 V Y- 232 V B- 230 V												
8	Piping, Fittings & Valves	All piping, fitting & valves are OK condition												



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9	Filters	Operator confirmed backwash & rinse done after 2 <sup>nd</sup> operation X <u>0</u> shift
10	Air Grids	Equalization Tank - OK Aeration Tank - OK C.C. / Tr. W/W Tank - OK
12	MMBR Media	Quantity checked - Sufficient
14	Sludge Tank	Cleaned on _____ (Recommended - Once in 30 days) Cleaning done before <u>18</u> days.
15	Log Sheet Record	Available
16	Manual availability at site	Available
17	Sampling	Visual Check -

OTHER COMMENTS:


\* STP working properly Good condition.

\* Water sample collected Lab Analysis

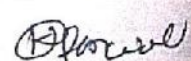
\* filter media need to change  
1) Sand media

2) Activated carbon media


Clients

Name : Satish Jirekar  
Signature : 

DECPL

Name : Kishor Ranale  
Signature : 



  
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ADYPSOE, PUNE





# DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

AN ISO 9001:2008 CERTIFIED COMPANY

Godown : Sr. No. 101, Ambegaon Khurd,  
Tal. Haveli, Dist. Pune - 411 046.  
INDIA  
Email : deccanenviro@gmail.com

## MAINTENANCE RECORD

DATE : 6 - 4 - 23 CONTRACT : AMC/O&M DECPL REPRESENTATIVE  
CLIENT : D. Y. Patil & Co. CONTACT PERSON : सतीश गिरेकर 1) Sathe. S. B.  
2)

MAINTENANCE RECORD : WORK DONE

Sr. No	Job	Feed Pump		Sludge Pump		F.F.P.		Air Blower		PSF	ACF	CF	UF	Other Maintenance
		P1	P2	P1	P2	P1	P2	AB1	AB2					
1	Grease	✓	✓	✓										
2	Gland packing rope tight and checked	✓	✓	✓										
3	Gland packing rope replace	✓	✓	✓										
4	Check and maintain coupling alignment	✓	✓	✓										
5	Check motor fan alignment	✓	✓	✓		✓	✓	✓	✓					
6	Backwash									✓	✓			
7	Rinse									✓	✓			
8	Clear Choke on Suction and Discharge													
9	Oil top up / Oil Change							✓	✓					
10	Oil Level							✓	✓					
11	Check Air blower & motor alignment							✓	✓					
12	Cleaning of Suction filter							✓	✓					
13	Check of Noise	✓	✓	✓		✓	✓	✓	✓					
14	Maintaining Safety Valve setting													
15	Check electrical connections	✓	✓	✓		✓	✓	✓	✓					
16	Operation of valve	✓	✓	✓		✓	✓	✓	✓		✓			

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# DECCAN ENVIRONMENTAL CONSULTANTS PVT. LTD.

AN ISO 9001:2008 CERTIFIED COMPANY

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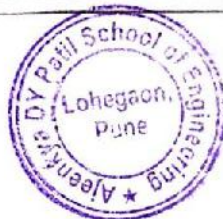
## MAINTENANCE RECORD

DATE : 6 - 4 - 23 CONTRACT : AMC/O&M  
CLIENT : D. Y. Patil & Co. CONTACT PERSON : सलीश गिरेकर  
MAINTENANCE RECORD : WORK DONE

DECPL REPRESENTATIVE  
1) Sathe. S. B.  
2)

Sr. No	Job	Feed Pump		Sludge Pump		F.F.P.		Air Blower		PSF	ACF	CF	UF	Other Maintenance
		P1	P2	P1	P2	P1	P2	AB1	AB2					
1	Grease	✓	✓	✓										
2	Gland packing rope tight and checked	✓	✓	✓										
3	Gland packing rope replace	✓	✓	✓										
4	Check and maintain coupling alignment	✓	✓	✓										
5	Check motor fan alignment	✓	✓	✓		✓	✓	✓	✓					
6	Backwash									✓	✓			
7	Rinse									✓	✓			
8	Clear Choke on Suction and Discharge													
9	Oil top up / Oil Change							✓	✓					
10	Oil Level							✓	✓					
11	Check Air blower & motor alignment							✓	✓					
12	Cleaning of Suction filter							✓	✓					
13	Check of Noise	✓	✓	✓		✓	✓	✓	✓					
14	Maintaining Safety Valve setting													
15	Check electrical connections	✓	✓	✓		✓	✓	✓	✓					
16	Operation of valve	✓	✓	✓		✓	✓	✓	✓		✓			

PRINCIPAL  
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**DECCAN ENVIRONMENTAL  
CONSULTANTS PVT. LTD.**  
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Tal. Haveli, Dist. Pune - 411 046.  
INDIA  
Email : deccanenviro@gmail.com

### MAINTENANCE RECORD

DATE : 11/07/2023 CONTRACT : AMC/O&M  
CLIENT : डी वाय पाटील कॉलेज CONTACT PERSON: satish gupcar  
DECPL REPRESENTATIVE  
1) गणपत डेवणे  
2) सुमित साठे

MAINTENANCE RECORD : WORK DONE

Sr. No	Job	Feed Pump		Sludge Pump		F.F.P.		Air Blower		PSF	ACF	CF	UF	Other Maintenance
		P1	P2	P1	P2	P1	P2	AB1	AB2					
1	Grease	✓	✓	✓		✓	✓							STP working good condition
2	Gland packing rope tight and checked	✓	✓	✓		✓	✓							
3	Gland packing rope replace	✓	✓	✓		✓	✓							
4	Check and maintain coupling alignment	✓	✓	✓										
5	Check motor fan alignment	✓	✓	✓		✓	✓	✓	✓					
6	Backwash									✓	✓			
7	Rinse									✓	✓			
8	Clear Choke on Suction and Discharge													
9	Oil top up / Oil Change													
10	Oil Level							✓	✓					
11	Check Air blower & motor alignment							✓	✓					
12	Cleaning of Suction filter							✓	✓					
13	Check of Noise	✓	✓	✓		✓	✓	✓	✓					
14	Maintaining Safety Valve setting							✓	✓					
15	Check electrical connections	✓	✓	✓		✓	✓	✓	✓					
16	Operation of valve	✓	✓	✓		✓	✓	✓	✓	✓	✓			

PRINCIPAL  
ADYPSOE, PUNE







Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105  
**NAAC Accredited**



**Testing and Consultancy Services Cell**

**Test Report**

Sample No: 19102021

Report No.:0319102021

Customer Name: DYP SOE

Date of Sample collection : 18/10/2021

Customer Address: Lohegaon Pune

Date of Testing: 19/10/2021

Client Name: DYP SOE

Report Date: 19/10/2021

Site: Sewage treatment Plant(STP) at DYP SOE

Sample Condition: Acceptable

Sample collected: Outlet of RO filter

**Water Quality  
Test  
Test Results**

Sr.No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	BOD	16.56	mg/lit	IS:10500-2012 & APHA	Maximum 20
2	COD	218.60	mg/lit	IS:10500-2012 & APHA	Maximum 250
3	TS	25.5	mg/lit	IS:10500-2012 & APHA	Maximum 30

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs.Ragini Kelkar,

Checked By: Prof.R.C.Katdare

*Ragini*  
*AK*



Authorized Signatory

*[Signature]*

Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)

**PRINCIPAL**  
**ADYPSOE, PUNE**





Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105  
NAAC Accredited  
**Testing and Consultancy Services Cell**



Sample No: 10042021

Test Report

Report No.: 0110042021

Customer Name: DYP SOE

Date of Sample collection: 09/04/2021

Customer Address: Lohegaon Pune

Date of Testing: 10/04/2021

Client Name: DYP SOE

Report Date: 10/04/2021

Site: Sewage treatment Plant(STP) at DYP SOE

Sample Condition: Acceptable

Collection point: Outlet of STP

**Water Quality  
Test  
Test Results**

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	BOD	18.93	mg/lit	IS:10500-2012 & APHA	Maximum 20
2	COD	230.36	mg/lit	IS:10500-2012 & APHA	Maximum 250
3	TS	23.9	mg/lit	IS:10500-2012 & APHA	Maximum 30

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare



Authorized Signatory

Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)

**PRINCIPAL  
ADYP SOE, PUNE**





Dr. D. Y. Patil Technical Campus

# Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lonergaon, Pune - 412105

NAAC Accredited

## Testing and Consultancy Services Cell



Sample No: 12102020

## Test Report

Report No.:0212102020

Customer Name: DYP SOE

Date of Sample collection : 11/10/2020

Customer Address: Lohegaon Pune

Date of Testing: 11/10/2020

Client Name: DYP SOE

Report Date: 11/10/2020

Site: Sewage treatment Plant(STP) at DYP SOE

Sample Condition: Acceptable

Collection point: Outlet of STP

## Water Quality

## Test

## Test Results

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	BOD	16.53	mg/lit	IS:10500-2012 & APHA	Maximum 20
2	COD	186.36	mg/lit	IS:10500-2012 & APHA	Maximum 250
3	TS	13.89	mg/lit	IS:10500-2012 & APHA	Maximum 30

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare

PRINCIPAL  
ADYPSOE, PUNE

Authorized Signatory

Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)



### **3. Water Distribution System in the Campus**





Dr. D. Y. Patil Technical Campus

## Dr. D. Y. Patil School of Engineering

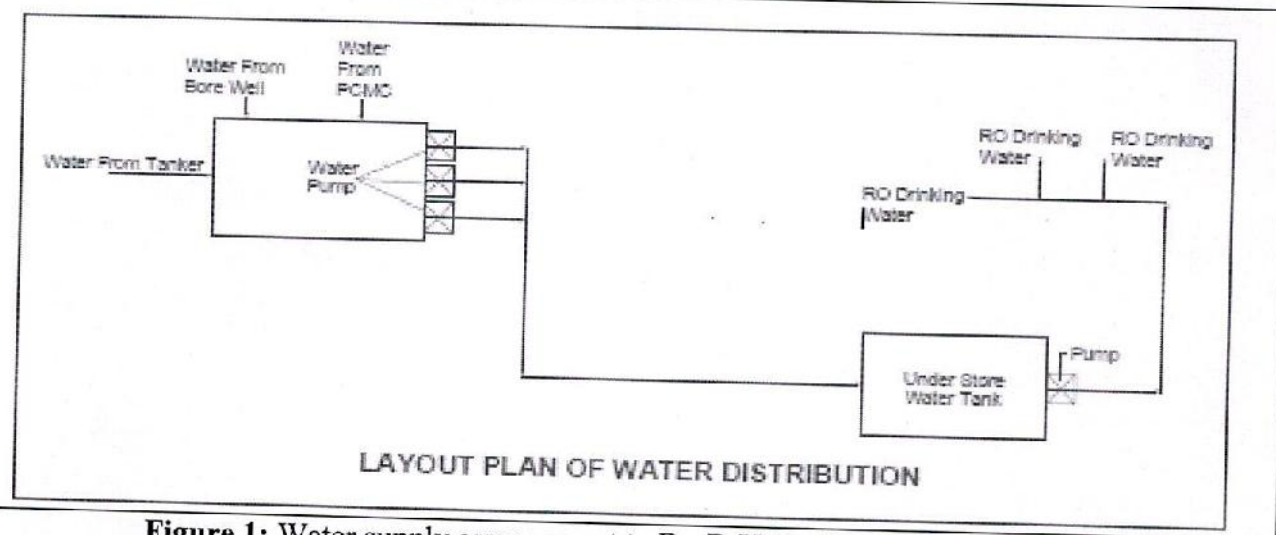
Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105

Website: [www.dypic.in](http://www.dypic.in) Contact No.: 020-6707 7926

### Details of existing water supply arrangement in the premises of Dr. D.Y. Patil School of Engineering, Lohegaon

#### 1) Water Supply arrangement:

The schematic of the water supply arrangement is shown in Figure 1 below.




**Figure 1:** Water supply arrangement to Dr. D.Y. Patil school of Engineering

The water is mainly supplied by Pimpri Chinchwad Municipal Corporation (PCMC) through its water supply scheme. Occasionally in summer months the small deficit of water is met out from the water of Bore wells in the premises and also by calling Water Tanker from PCMC. Water from all these three sources is collected in a water Tank of capacity 4.0 Lakh litres situated in the premises of Dr. D. Y. Patil international school. The water collected is pumped to another water tank of 3.0 Lakh near Workshop of Dr. DYP SOE by means of two submersible Pumps each of 7.5 BHP (with 50% standby).

The water is then supplied to all the inlets of water cooler provided with Reverse Osmosis (RO) membrane filter by means of 5.0 BHP submersible pumps (100% standby) fitted with pressure regulator and timer. The RO filtered water is then consumed by students, faculty and staff. The arrangement is run for almost 18 hrs to supply water demand.



  
Dr. F. B. Sayyad  
Principal  
Dr. D. Y. Patil School of Engineering,  
Lohegaon, Pune



## **4. Water Test Reports and Water Consumption Bills**





Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105  
**NAAC Accredited**  
**Testing and Consultancy Services Cell**



## Test Report

Sample No: 26102021

Report No.: 0326102021

Customer Name: ADYPU

Date of Sample collection : 25/10/2021

Customer Address: Lohegaon Pune

Date of Testing: 26/10/2021

Site : ADYPU

Report Date: 26/10/2021

Sample Condition: Acceptable

Water Quality Test  
 Test Results

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	7.0		IS:3025(part-11)	6.5-8.5
2	TDS	149	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	80.69	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	39.63	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	35.69	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any 100 ml sample
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.

2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare

*Ragini*  
*AK*



*R*  
**PRINCIPAL**  
**ADYPSOE, PUNE**

Authorized Signatory

*Prof. V. M. Karodpati*  
 Prof. V. M. Karodpati  
 (HOD Civil Engg. Dept.)





Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (BE), Lohegaon, Pune - 412105  
**NAAC Accredited**



**Testing and Consultancy Services Cell**

Sample No: 26102021

Test Report

Report No.: 0326102021

Customer Name: DYP SOE

Date of Sample collection : 25/10/2021

Customer Address: Lohegaon Pune

Date of Testing: 26/10/2021

Client Name: DYP SOE

Report Date: 26/10/2021

Site: DYP SOE's RO installations

Sample Condition: Acceptable

Sample collected: Outlet of RO filter

**Water Quality Test  
Test Results**

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	7.0		IS:3025(part-11)	6.5-8.5
2	TDS	149	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	80.69	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	39.63	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	35.69	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any 100 ml sample
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.

2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC

Tested by: Mrs. Ragini Kelkar, *Ragini*

Checked By: Prof. R. C. Katdare, *AK*



**PRINCIPAL**  
**ADYPSOE, PUNE**

Authorized Signatory

*[Signature]*  
 Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)





Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105  
**NAAC Accredited**  
**Testing and Consultancy Services Cell**



Test Report

Sample No: 19042021

Report No.: 0219042021

Customer Name: DYP SOE

Date of Sample collection : 18/04/2021

Customer Address: Lohegaon Pune

Date of Testing: 19/04/2021

Client Name: DYP SOE

Report Date: 19/04/2021

Site: DYP SOE's RO installations

Sample Condition: Acceptable

Sample collected: Outlet of RO filter

Water Quality Test  
 Test Results

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	7.2		IS:3025(part-11)	6.5-8.5
2	TDS	179	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	150	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	33	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	36.19	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	100 ml sample

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.

2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC

Tested by: Mrs. Ragini Kelkar, *Ragini*

Checked By: Prof. R. C. Katdare, *Att*



Authorized Signatory

*[Signature]*

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)

*[Signature]*  
**PRINCIPAL**  
**ADYPSOE, PUNE**





Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105  
**NAAC Accredited**  
**Testing and Consultancy Services Cell**



**Test Report**

Sample No: 14102020

Report No.: 0114102020

Customer Name: DYP SOE

Date of Sample collection: 13/10/2020

Customer Address: Lohegaon Pune

Date of Testing: 14/10/2020

Client Name: DYP SOE

Report Date: 14/10/2020

Site: DYP SOE's RO installations

Sample Condition: Acceptable

Sample collected: Outlet of RO filter

**Water Quality Test**  
**Test Results**

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	6.9		IS:3025(part-11)	6.5-8.5
2	TDS	136	mg/lit	IS:3025(part-15)	Maximum 500
3	Hardness	47.36	mg/lit	IS:3025(part-21)	Maximum 500
4	Alkalinity	36.48	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	26.59	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any 100 ml sample
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.

2) Any test report shall not be reproduced except in full, without the written permission from DYP TSCC.

Tested by: Mrs. Ragini Kelkar, *Ragini*

Authorized Signatory

Checked By: Prof. R. C. Katdare, *Alt*

*[Signature]*  
 Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)



*[Signature]*  
**PRINCIPAL**  
**ADYP SOE, PUNE**





"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

**Ajeenkya D Y Patil Group of Institution's Technical Campus**  
**Dr D Y PATIL SCHOOL OF ENGINEERING**

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720

(Accredited by NAAC)

Date: 05/05/2021

## **Internal Assessment of Campus Environment & Sustainability**

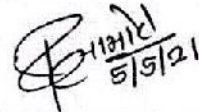
Internal Eco-Friendly Environment Committee of **Dr D Y Patil School of Engineering** have done assessment of **Campus Environment & its Sustainability** for the year **2020-21** on **Wednesday, 05/05/2021**.

The assessment covered the observations with respect to:

- Water resources and management
- Energy resources and management
- Waste generation and management
- Safety management
- General Sanitation
- Biodiversity &
- Adopted Green Practices

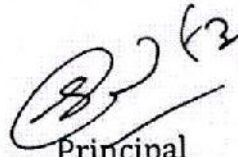
The observations are satisfactory with some Non Compliances and Recommendations are enclosed herewith.

Dr D Y Patil School of Engineering aims to adopt best environmentally sustainable practices in the future.

  
Chairperson

Internal Eco-Friendly Environment  
Committee



  
Principal  
Principal  
Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune.



**PRINCIPAL**  
**ADYPSOE, PUNE**



## Non Compliances and Recommendations

### 1. Water management

- Harvested rain water should be diverted for bore well recharge
- With appropriate treatment lake water should be recycled for flushing and sweeping purposes.
- To increase rainwater percolation to the ground, percolation closed drains should be made alongside the paved ground area.

### 2. Waste management

- Adopted composting for garden waste, still required quantification and appropriate practices for waste composting to ascertain recovery of compost from waste management.
- Treated waste water from STP should be used for flushing and cleaning purposes.
- Discarded furniture, wires etc should be audited and handed over to scrap dealer.
- If discarded furniture etc. has to be stored, it should be stored properly in an area labeled as "Scrap yard"
- Students should be given an induction program about waste management at the time of orientation.
- Disposable thermocol plates which are non bio-degradable, should not be used for college events. As events are regular in the college, use of washable steel plates or biodegradable leaf plates (Patrawali) would be a green sustainable practice.
- Sufficient dustbins were kept for dry waste. They should be labelled separately for paper and plastic as both can be recycled.

### 3. Sanitation management

- Doormats should be put on toilet doors to avoid rooms getting dust and muck
- Separate bins kept for disposal of sanitary napkins should be labelled.
- Number of bins should be increased and placed at different places.





#### 4. Health and safety management

- Safety sign boards need to be displayed along with mock drill.
- Drinking water filters should be kept away from the toilets.
- The staff and students should be trained to use the fire extinguisher.
- The emergency exits should be directed in the building in case of mishaps.
- Display SOP of Fire safety equipment's at appropriate places

#### 5. Biodiversity

- Plantation of exotic shrubs for beautification of campus was observed. However some of the species from this exotic variety are weeds and may dominate over the growth of local varieties.
- Policy of using native trees for campus landscaping should be established. Native trees host variety of birds, insects and will support the other native species to grow. Plantation of indigenous trees having a large canopy spread may also shade the area keeping it comparatively cool.
- The institutions campus has rich faunal diversity, especially birds. To maintain and increase this diversity of birds and insects native fruiting and flowering trees should be planted.
- The water body that has been created during excavation of a small piece of land in the campus for construction has become a beautiful lake site. This water body should be maintained as it hosts some of the water birds and also gives the coolant effect to the campus.

#### 6. Other recommendations

- Green Roofs: College has a huge roof top area. Composted garden waste can be utilized for greening roofs. Roofs can be utilized for growing fruits and vegetables. This will not only provide food, aesthetic value but also will have cooling effect.

  
**PRINCIPAL**  
**ADYPSOE, PUNE**







"Empowerment through quality technical education"  
Dr D Y Patil Educational Enterprises Charitable Trust's

**Ajeenkya D Y Patil Group of Institution's Technical Campus**  
**Dr D Y PATIL SCHOOL OF ENGINEERING**

(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

AISHE Code: C-46648

DTE Code: EN6732

SPPU PUN Code: CEGP015720

**(Accredited by NAAC)**

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste.

Documents Enclosed.....

1) MOU for Plastic and E Waste Management



**Principal**  
Dr. D. Y. Patil School of Engineering  
Lohegaon, Pune.





**KESHAV SITA**  
MEMORIAL FOUNDATION TRUST

7 Gopadma Apartment, Prabhat Road, 39/18  
Erandwane Pune 411001  
Registration No : (E3989/2003), IT 80 G Exemption:  
AAATK7472NF20217 From AY 2022-23 to AY 2026-27  
FCRA Registration No: 083930719 / ISO 14001-2016



Charholi (Bk), Via Lohegaon Pune -  
412105

Date: 30/03/2022

### AGREEMENT

This Agreement is entered into for the period from Date- 30/03/2022 to 30/03/2024

Between

(Herein after referred to as the "Institution") Party No.1 Dr. DY Patil Technical campus, Dr. D Y Patil School of Engineering, Charholi Pune.

AND

KESHAV SITA MEMORIAL FOUNDATION TRUST PUNE, an autonomous fully owned cooperative of waste pickers in Pune- Address: Om Bunglow, 1<sup>st</sup> Floor, Lane 2 Swapna Mandir Society, 24/2 Erandwane, Pune 411004, (herein after referred to as the "Party No. 2"),

WHEREAS, the Institute, Party No.1 is willing to donate the e- waste generated in their Institute, to Keshav Sita Memorial Foundation Trust Pune, Party No.2, in the period as mentioned above.

And WHEREAS, the Institute requires professional services of a suitable agency to receive, recycle, and/or dispose of all e- waste resulting from the said Site on timely basis;

AND WHEREAS, Party No. 2 has assured the Institution, that it can ensure the provision of such services through regular bi-quarterly collection or as and when the need be, in accordance with local, state and central regulations;

NOW THIS AGREEMENT WITNESSETH HEREAFTER

1. The Party No. 2 hereby agrees to ensure that e- Waste generated in the premises of the Institute shall be sent for recycling / processing through authorized channels and the material to be sent by the

  
**PRINCIPAL**  
**ADYPSOE, PUNE**







**KESHAV SITA**  
MEMORIAL FOUNDATION TRUST

7 Gopadma Apartment, Prabhat Road, 39/18  
Erandwane Pune 411001

Registration No. (E3989/2003), IT 80 G Exemption:  
AAATK7472NF20217 From AY 2022-23 to AY 2026-27  
FCRA Registration No: 083930719 / ISO 14001-2015



Charholi (Bk), Via Lohegaon Pune –  
412105

company (Party No. 1) at the address mentioned above for a period of 24 (Twenty four) Months. The Institute shall receive a certificate in lieu of the e- Waste received by the Party No. 2.

2. Collection and unloading materials shall be conducted through the relevant handling service at commercials Rs.5 per Kg of e- waste.

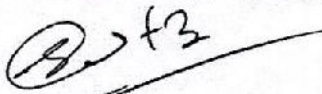
3. After every six months of period, Party No.2 collects the waste from the institution of Party No.1

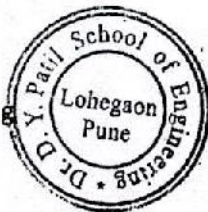
4. This agreement may be renewed for a subsequent term of 12 months or more by mutual consent in writing based on such consideration as may be agreed at the time of renewal. The parties may amend this agreement in writing.

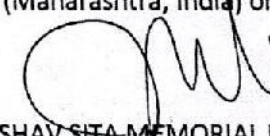
5. Notices: Any notice required or permitted to be given under this Agreement shall be in writing, shall be deemed duly given if delivered in person or if sent by registered Post, return receipt requested, on the address stated hereinabove.

6. All disputes shall be referred to sole arbitration of the chief executive officer or director of the Party No. 2. Arbitration proceedings shall be governed by the Arbitration and Conciliation Act, 1996. Arbitration shall take place in Pune, Maharashtra, India in English.

7. This agreement is subject to Indian Laws and any dispute arising out of the same shall be referred to the courts of appropriate jurisdiction within the city limits of Pune (Maharashtra, India) only.

  
Principal  
Dr. D Y Patil School of Engineering



  
KESHAV SITA-MEMORIAL FOUNDATION  
TRUST PUNE,



IN WITNESS WHEREOF \_\_\_\_\_ (Party No.1)

\_\_\_\_\_ (Party No.2)



  
**PRINCIPAL**  
**ADYPSOE, PUNE**





KESHAV SITA  
MEMORIAL FOUNDATION TRUST

Registration No : (E3898/2003), IT 80 G Exemption: AAATK7472NF20217 From AY 2022-23 to AY 2026-27  
FCRA Registration No: 083930719 / ISO 14001-2015

Date -07/12/2022

CERTIFICATE OF APPRECIATION

## *Ajeenkya Dy Patil School Of Engineering Charholi Pune*

This is to confirm that we have received 52 kg waste plastic & E-waste from *Ajeenkya Dy Patil school of Engineering charholi pune* that otherwise would have ended up in the landfill.

Your efforts have helped in the reduction of **312** kg of carbon dioxide emission.

We sincerely congratulate and appreciate efforts of management and staff *Ajeenkya Dy Patil school of Engineering charholi pune* towards reducing the waste plastic and helping the nature.



DR. Medha Tadpatrikar

Founder Trustee



PRINCIPAL  
ADYPSOE, PUNE

7 Gopadma Apartment, Prabhat Road, 39/18 Erandwane Pune 411001





Empowerment through quality technical education  
Dr. D. Y. Patil Educational Institutions (Deemed to be University)

**AJEENKYA**

**DY PATIL SCHOOL OF ENGINEERING**

(Formerly known as DY Patil School of Engineering)

(Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

AICTE ID: 1/181/111

AISHE Code: C-46648

DTE Code: EN6722

SPPU PUW Code: CEGP015720

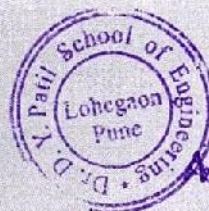
## Computer Department E-Waste List

Date-18/10/2022

Equipment Name	Quantity
Dot Matrix Printer's 5804150012, 4425, 128353, 134232, 154345, 154346, 1741	07
Keyboard	04
SMPS	11
Mother Board	01
CPU HP 3330 (INA328T40Z, INA223VYSH, INA328T3WM, INA328T3MB) 04 HP 3696 (INA02800W6, INA02800VS, INA02800VZ) 03 HP 280 (INA308QJV2, INA02800KV) 02 HP 4000 (INA1177NRV) 01	10
Samsung Printer	01


Dr. Pankaj Agarkar

HoD



PRINCIPAL  
ADYPSOE, PUNE



	Dr. D. Y. Patil Technical Campus <b>Dr. D. Y. Patil School of Engineering</b> Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohgaon, Pune – 412 105 Department of Civil Engineering	<b>Form No.: IQAC/43</b>
		<b>Revision:00</b>
		<b>Date:08/10/2021</b>

**Gap Analysis Points (ISO 9001 & ISO 21001)  
(Related To Green Campus)**

**G) 1. Do We Have Water Testing / Air Monitoring: -  
(TDS Level + RO Maintenance Records) + Reports)**

**G-1.1) Do we have water testing facility?**

**Answer:** Yes!, we have in house water testing facility in the form of Environment Engineering laboratory at D.Y. Patil school of Engineering for testing physical and chemical properties of water and a Biotechnology Laboratory of School of Engineering under Ajinkya D. Y. Patil University for testing of bacteriological parameters. Both the laboratories are located in Technical Campus.

The water supply arrangement is described in details under the point N-3. The drinking water is treated in Reverse Osmosis (RO) membrane unit and is then supplied to all floors through a G.I. pipe network laid via water coolers.

The water sample is tested periodically for its chemical and bacteriological properties like pH, Alkalinity, hardness, Total Solids (TS), Total Dissolved Solids (TDS), Chlorides, sulphate etc and Coliform and E-coli. The quarterly test reports show samples withstand the permissible limits as per IS 10500: 2012 which are now attached as **Annexure –I**.

**G-1.2) Do we have Air Monitoring facility?**

**Answer:** Yes! we do have Air Monitoring facility although the entire technical campus which houses the D. Y. Patil school of engineering, is clearly open and has lot of greenery and no direct source of air pollution. The only source of small scale air pollution may be due to movement of automobile vehicles and D.G. sets in the premises.

Accordingly we do air monitoring at probable locations in the technical Campus every six months. The faculty and staff of Environmental Engineering Laboratory of SOE carry out monitoring using High volume sampler and RSPM sampler and check if four parameters viz. PM-10, PM-2.5, SO<sub>x</sub> and NO<sub>x</sub> (indicators of air pollution) are within permissible limit or otherwise?

A third party monitoring is also carried out periodically to confirm the status of no pollution in the Technical campus. The Air pollution monitoring results are enclosed in **Annexure –II**.



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Dr. D. Y. Patil Technical Campus



## Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105

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**Testing and Consultancy Services Cell**



## Test Report

Sample No: 26102021

Report No.: 0326102021

Customer Name: ADYPU

Date of Sample collection : 25/10/2021

Customer Address: Lohegaon Pune

Date of Testing: 26/10/2021

Site : ADYPU

Report Date: 26/10/2021

Sample Condition: Acceptable

Water Quality Test  
Test Results

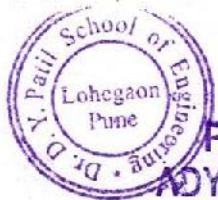
Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	7.0		IS:3025(part-11)	6.5-8.5
2	TDS	149	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	80.69	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	39.63	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	35.69	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	100 ml sample

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.

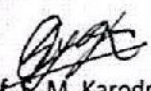
2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare


**PRINCIPAL**  
**ADYPSOE, PUNE**

Authorized Signatory

  
 Prof. V. M. Karodpati  
 (HoD Civil Engg. Dept.)





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### Test Report

Sample No: 26102021

Report No.: 0326102021

Customer Name: DYP SOE

Date of Sample collection : 25/10/2021

Customer Address: Lohegaon Pune

Date of Testing: 26/10/2021

Client Name: DYP SOE

Report Date: 26/10/2021

Site: DYP SOE's RO installations

Sample Condition: Acceptable

Sample collected: Outlet of RO filter

### Water Quality Test Test Results

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	7.0		IS:3025(part-11)	6.5-8.5
2	TDS	149	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	80.69	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	39.63	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	35.69	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any 100 ml sample
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any 100 ml sample

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.

2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare

*Ragini*  
*AK*



Authorized Signatory

*S. M. Karodpati*

Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)

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## Test Report

Sample No: 19042021 Report No.: 0219042021

Customer Name: DYP SOE Date of Sample collection : 18/04/2021

Customer Address: Lohegaon Pune Date of Testing: 19/04/2021

Client Name: DYP SOE Report Date: 19/04/2021

Site: DYP SOE's RO installations Sample Condition: Acceptable

Sample collected: Outlet of RO filter

Water Quality Test  
Test Results

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	7.2		IS:3025(part-11)	6.5-8.5
2	TDS	179	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	150	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	33	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	36.19	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	100 ml sample

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.

2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar, *Ragini*

Checked By: Prof. R. C. Katdare *Att*



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Authorized Signatory

Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)





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## Test Report

Sample No: 14102020

Report No.: 0114102020

Customer Name: DYP SOE

Date of Sample collection : 13/10/2020

Customer Address: Lohegaon Pune

Date of Testing: 14/10/2020

Client Name: DYP SOE

Report Date: 14/10/2020

Site: DYP SOE's RO installations

Sample Condition: Acceptable

Sample collected: Outlet of RO filter

**Water Quality Test**  
**Test Results**

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	pH	6.9		IS:3025(part-11)	6.5-8.5
2	TDS	136	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	47.36	mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	36.48	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	26.59	mg/lit	IS:3025(part-32)	Maximum 2000
6	Coliform	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	Shall not be detectable in any 100 ml sample
7	E-coli	0	No/100ml	IS 10500:2012 (Clause 4.1.1)	

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory.  
 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar, *Ragini*

Authorized Signatory

Checked By: Prof. R. C. Katdare *Att*

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)

*A*  
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**GREEN ENVIROSAFE**  
Engineers & Consultant Pvt. Ltd.

Survey No- 1405/06 Mayur Residency Shop No- 16, 2nd Floor, Sanshodhan, 1st Stage, Phase A/1/2008  
Mob: 8421305421 / 7028080605 | E-mail: green12@gmail.com | www.greenenvirosafe.co.in  
CIN No. U74900PN2013PTC140606

Recognised by Ministry of Environment, Forest & Climate Change (MoEF) Govt. of India and ISO 9001:2015, ISO 45001 : 2018 Certified Company

### TEST CERTIFICATE

Report No: GESEC/PRO/2021-22/10/38	Date of Report	09/10/2021
Client Name and Address: M/s. Dr. D Y Patil School of Engineering, Technical campus Lohegaon, Pune, Maharashtra 412105	Date of Sampling	06/10/2021
	Start Date of Analysis	07/10/2021
	End Date of Analysis	09/10/2021
	Sample Details	Ambient Air
	Sample Location	In between Exit gate And D.G. set room
Sample Collected By	Time of Sampling	11:00
	Waingade Enviro & Agri Solutions	

### Ambient Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	23	°C	
4.	Relative Humidity	53	% RH	
5.	Sampling Duration	480	Min	
6.	Sulphur Dioxide(SO <sub>2</sub> )	14.8	µg/M <sup>3</sup>	≤ 80
7.	Oxides of Nitrogen(NO <sub>2</sub> )	20.3	µg/M <sup>3</sup>	≤ 80
8.	Particulate Matter PM <sub>10</sub>	25.6	µg/M <sup>3</sup>	≤ 100
9.	Particulate Matter PM <sub>2.5</sub>	17.5	µg/M <sup>3</sup>	≤ 60

#### Remark-

- > All above results are within National Ambient Air Quality standards.
- > BDL - Below Detectable Limit.

ANALYZED BY-

*[Signature]*



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*[Signature]*



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#### Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test results of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date: 09/02/2017 to 08/02/2022.





Survey No-1405/06, Mayuri Residency, Shop No-16, 2nd Floor, Sanaswadi, Tal-Shirur, Pune-412208.  
 Mob.: 8421365421 / 7028089005 | E-mail: gasec12@gmail.com | www.greenenvirosafe.co.in  
 CIN No.: U74900PN2013PTC149666

Recognised by Ministry of Environment, Forest & Climate Change (MoEF) Govt. of India and ISO 9001:2015, ISO 45001:2018 Certified Company

GESEC

## TEST CERTIFICATE

Report No: GESEC/PRO/2021-22/10/39	Date of Report	09/10/2021
Client Name and Address: M/s. Ajeenkya D Y Patil University Technical campus Lohegaon, Pune, Maharashtra 412105	Date of Sampling	06/10/2021
	Start Date of Analysis	07/10/2021
	End Date of Analysis	09/10/2021
	Sample Details	Ambient Air
	Sample Location	Near Sewage treatment plant
Sample Collected By		Time of Sampling
Waingade Enviro & Agri Solutions		12.00

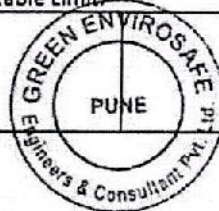
## Ambient Air Analysis Report

Sr. No.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	30	°C	
2.	Dry Bulb Temperature	30	°C	
3.	Wet Bulb Temperature	23	°C	
4.	Relative Humidity	53	% RH	
5.	Sampling Duration	480	Min	
6.	Sulphur Dioxide(SO <sub>2</sub> )	13.5	µg/M <sup>3</sup>	≤ 80
7.	Oxides of Nitrogen(NO <sub>2</sub> )	21.1	µg/M <sup>3</sup>	≤ 80
8.	Particulate Matter PM <sub>10</sub>	23.4	µg/M <sup>3</sup>	≤ 100
9.	Particulate Matter PM <sub>2.5</sub>	16.2	µg/M <sup>3</sup>	≤ 60

## Remark-

- All above results are within National Ambient Air Quality standards.
- BDL – Below Detectable Limit.

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## Terms and conditions

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- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date: 09/02/2017 to 08/02/2022.





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**Test Report**

Sample No: 0704201 Report No.: 0107042021  
 Customer Name: DYP SOE Date of Sample collection : 04/04/2021  
 Customer Address: Lohegaon Pune Date of Testing: 05/04/2021  
 Client Name: DYP SOE Report Date: 07/04/2021  
 Site location : Near D.C. Building Sample Condition: Acceptable

**Ambient Air Analysis Report**

Sr. No	Parameter	Test Result	Units	NAAQ Standards
1	Ambient Temperature	40	°C	
2	Dry Bulb Temperature	40	°C	
3	Wet Bulb Temperature	33	°C	
4	Relative Humidity	60	%RH	
5	Sampling Duration	480	Min	
6	Sulphur Dioxide (SO <sub>2</sub> )	29.63	µg/M <sup>3</sup>	≤80
7	Oxides of Nitrogen (NO <sub>2</sub> )	40.65	µg/M <sup>3</sup>	≤80
8	Particulate Matter PM <sub>10</sub>	36.34	µg/M <sup>3</sup>	≤100
9	Particulate Matter PM <sub>2.5</sub>	28.36	µg/M <sup>3</sup>	≤60

Note: 1. All Above result are with in National Ambient Air Quality Standards  
 2. BDL - Below Detectable Limit.

Tested by: Mrs. Ragini Kelkar, *Ragini*  
 Checked By: Prof. R. C. Katdare *AK*



**PRINCIPAL**

Authorized Signatory

*S. M. Karodpati*

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)





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**Testing and Consultancy Services Cell**

**Test Report**

Sample No: 07042021

Report No.: 0107042021

Customer Name: DYP SOE

Date of Sample collection : 05/10/2021

Customer Address: Lohegaon Pune

Date of Testing: 06/10/2021

Client Name: DYP SOE

Report Date: 07/04/2021

Site location : Near D.C. Building

Sample Condition: Acceptable

**Ambient Air Analysis Report**

Sr. No	Parameter	Test Result	Units	NAAQ Standards
1	Ambient Temperature	29	°C	
2	Dry Bulb Temperature	29	°C	
3	Wet Bulb Temperature	26	°C	
4	Relative Humidity	55	%RH	
5	Sampling Duration	480	Min	
6	Sulphur Dioxide (SO <sub>2</sub> )	17.20	µg/M <sup>3</sup>	≤80
7	Oxides of Nitrogen (NO <sub>2</sub> )	30.65	µg/M <sup>3</sup>	≤80
8	Particulate Matter PM <sub>10</sub>	31.50	µg/M <sup>3</sup>	≤100
9	Particulate Matter PM <sub>2.5</sub>	21.5	µg/M <sup>3</sup>	≤60

Note: 1. All Above result are with in National Ambient Air Quality Standards  
 2. BDL - Below Detectable Limit.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare



Authorized Signatory

*[Signature]*  
 Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)

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**Test Report**

Sample No: 20102020

Report No.: 0220102020

Customer Name: DYP SOE

Date of Sample collection : 20/10/2020

Customer Address: Lohegaon Pune

Date of Testing: 20/10/2020

Client Name: DYP SOE

Report Date: 20/10/2020

Site location : Near Solar Panel port

Sample Condition: Acceptable

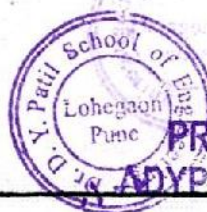
**Ambient Air Analysis Report**

Sr. No	Parameter	Test Result	Units	NAAQ Standards
1	Ambient Temperature	45	°C	
2	Dry Bulb Temperature	45	°C	
3	Wet Bulb Temperature	36	°C	
4	Relative Humidity	70	%RH	
5	Sampling Duration	480	Min	
6	Sulphur Dioxide (SO <sub>2</sub> )	26.45	µg/M <sup>3</sup>	≤80
7	Oxides of Nitrogen (NO <sub>2</sub> )	39.61	µg/M <sup>3</sup>	≤80
8	Particulate Matter PM <sub>10</sub>	32.34	µg/M <sup>3</sup>	≤100
9	Particulate Matter PM <sub>2.5</sub>	29.36	µg/M <sup>3</sup>	≤60

Note: 1. All Above result are with In National Ambient Air Quality Standards  
 2. BDL - Below Detectable Limit.

Tested by: Mrs. Ragini Kelkar, *Ragini*

Checked By: Prof. R. C. Katdare, *AK*



**PRINCIPAL**

**DYP SOE PUNE**

Authorized Signatory

*S. M. Karodpati*

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)





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**Test Report**

Sample No: 20102020 Report No.: 0220102020  
 Customer Name: DYP SOE Date of Sample collection : 20/10/2020  
 Customer Address: Lohegaon Pune Date of Testing: 20/10/2020  
 Client Name: DYP SOE Report Date: 20/10/2020  
 Site location : Near Solar Panel Port Sample Condition: Acceptable

**Ambient Air Analysis Report**

Sr. No	Parameter	Test Result	Units	NAAQ Standards
1	Ambient Temperature	45	°C	
2	Dry Bulb Temperature	45	°C	
3	Wet Bulb Temperature	36	°C	
4	Relative Humidity	70	%RH	
5	Sampling Duration	480	Min	
6	Sulphur Dioxide (SO <sub>2</sub> )	26.45	µg/M <sup>3</sup>	≤80
7	Oxides of Nitrogen (NO <sub>2</sub> )	39.61	µg/M <sup>3</sup>	≤80
8	Particulate Matter PM <sub>10</sub>	32.34	µg/M <sup>3</sup>	≤100
9	Particulate Matter PM <sub>2.5</sub>	29.36	µg/M <sup>3</sup>	≤60

Note: 1. All Above result are with in National Ambient Air Quality Standards  
 2. BDL - Below Detectable Limit.

Tested by: Mrs. Ragini Kelkar,  
 Checked By: Prof. R. C. Katdare

*Ragini*  
*AK*



Authorized Signatory

*[Signature]*

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)

*[Signature]*  
**PRINCIPAL**  
**ADYPSOE, PUNE**





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### Testing and Consultancy Services Cell

#### Test Report

Sample No: 19102021

Report No.: 0319102021

Customer Name: DYP SOE

Date of Sample collection : 18/10/2021

Customer Address: Lohegaon Pune

Date of Testing: 19/10/2021

Client Name: DYP SOE

Report Date: 19/10/2021

Site: Sewage treatment Plant(STP) at DYP SOE

Sample Condition: Acceptable

Sample collected: Outlet of RO filter

#### Water Quality Test Test Results

Sr.No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	BOD	16.56	mg/lit	IS:10500-2012 & APHA	Maximum 20
2	COD	218.60	mg/lit	IS:10500-2012 & APHA	Maximum 250
3	TS	25.5	mg/lit	IS:10500-2012 & APHA	Maximum 30

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar, *Ragini*

Checked By: Prof. R.C. Katdare *AK*



**PRINCIPAL**  
**DYP SOE, PUNE**

Authorized Signatory

*[Signature]*

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)





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**Test Report**

Sample No: 10042021

Report No.: 0110042021

Customer Name: DYP SOE

Date of Sample collection : 09/04/2021

Customer Address: Lohegaon Pune

Date of Testing: 10/04/2021

Client Name: DYP SOE

Report Date: 10/04/2021

Site: Sewage treatment Plant(STP) at DYP SOE

Sample Condition: Acceptable

Collection point: Outlet of STP

**Water Quality  
 Test  
 Test Results**

Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	BOD	18.93	mg/lit	IS:10500-2012 & APHA	Maximum 20
2	COD	230.36	mg/lit	IS:10500-2012 & APHA	Maximum 250
3	TS	23.9	mg/lit	IS:10500-2012 & APHA	Maximum 30

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare,



Authorized Signatory

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)

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**ADYP SOE, PUNE**





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**Test Report**

Sample No: 12102020

Report No.: 0212102020

Customer Name: DYP SOE

Date of Sample collection : 11/10/2020

Customer Address: Lohegaon Pune

Date of Testing: 11/10/2020

Client Name: DYP SOE

Report Date: 11/10/2020

Site: Sewage treatment Plant(STP) at DYP SOE

Sample Condition: Acceptable

Collection point: Outlet of STP

**Water Quality  
Test  
Test Results**

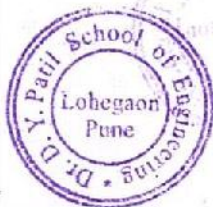
Sr. No	Test Particulars	Test Result	Units	Test Method	Acceptable limit
		Sample No 1			
1	BOD	16.53	mg/lit	IS:10500-2012 & APHA	Maximum 20
2	COD	186.36	mg/lit	IS:10500-2012 & APHA	Maximum 250
3	TS	13.89	mg/lit	IS:10500-2012 & APHA	Maximum 30

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare

**PRINCIPAL**  
**ADYPSOE, PUNE**



Authorized Signatory

Prof. S. M. Karodpati  
 (HoD Civil Engg. Dept.)



Dr. D. Y. Patil Technical Campus



# Dr. D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune - 412105

NAAC Accredited



## Testing and Consultancy Services Cell

### Test Report

Sample No: 01102020.

Report No.:01102020

Customer Name: Dr. D. Y. Patil School of Engineering.

Date of Sample collection : 5/10/2020

Customer Address: Lohegaon Pune

Date of Testing:5/10/2020

Client Name: DYP SOE

Report Date: 6/10/2020

Site: Dr. D.Y. Patil Technical Campus

Sample Condition: Acceptable

Collection point : Bore well No.1,2 &amp; 4

### Water Quality Test Test Results

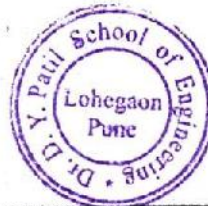
Sr. No	Test Particulars	Test Result			Units	Test Method	Acceptable limit
		Sample of Bore No 1	Sample of Bore No 2	Sample of Bore No 4			
1	pH	7.3	6.8	7.5		IS:3025(part-11)	6.5-8.5
2	TDS	550	326	284	mg/lit	IS:3025(part-15)	Maximum 600
3	Hardness	83.56	76.25	54.36	Mg/lit	IS:3025(part-21)	Maximum 600
4	Alkalinity	56.45	47.80	39.25	mg/lit	IS:3025(part-23)	Maximum 1000
5	Chloride	87.65	56.15	37.25	mg/lit	IS:3025(part-32)	Maximum 2000

Note: 1) The test report and results relate to the particular specimen/sample/s of the material as delivered/received and tested in laboratory. 2) Any test report shall not be reproduced except in full, without the written permission from DYPTCSC.

Tested by: Mrs. Ragini Kelkar,

Checked By: Prof. R. C. Katdare,

PRINCIPAL  
ADYPSOE, PUNE



Authorized Signatory

Prof. S. M. Karodpati  
(HoD Civil Engg. Dept.)





Dr. D. Y. Patil Technical Campus  
**Dr. D. Y. Patil School of Engineering**  
 Dr. D. Y. Patil Knowledge City, Charholi (Bk), Lohegaon, Pune – 412 105  
 Website: [www.dypic.in](http://www.dypic.in) Contact No.: 020-6707 7926

## 7.1.6 Green Campus Awards and Recognition



**नितीन प्रताप काळजे**

मा. महापौर

पिंपरी चिंचवड महानगरपालिका

संचालक : पुणे महानगर परिवहन महामंडळ लि.

मनपा : 020-67333333/26824444  
 विस्तार : 9209/9296  
 कार्यालय : 020-26820953/26829896  
 मोबाईल : 9240402900, ऑफिस टेलिफोन : 020-26829896  
 E-Mail : mayor@pcmcindia.gov.in  
 nitinkalaje@gmail.com

संपर्क कार्यालय : सर्व्हे नं. 949/4, वडमुखवाडी, अलकापुरम सोसायटी जवळ, पुणे-आळंदी रोड, पुणे-412904.

निवास : काळजेवाडी, चन्होली बु.11, ता. हवेली, जि. पुणे-412904.

दि.- 15/06/2021

### स्वच्छ आणि प्रदूषण मुक्त परिसर पुरस्कार - २०२१

अजिंक्य डी वाय पाटील विद्यापीठ, चन्होली बुदुक व्हाया लोहगाव, पुणे - 412904 यांना त्यांचे रमणीय उद्यान बदल "स्वच्छ आणि हरित परिसर पुरस्कार प्रदान करण्यात येत आहे.

अजिंक्य डी वाय पाटील विद्यापीठाने त्यांच्या सर्वोत्कृष्ट बागकामाची सर्वोत्तम आदर्श निर्माण केला आहे.

हा पुरस्कार संस्थांची उद्याने गटामध्ये विद्यापीठाने बागकामांमधील वचनबद्धता सिद्ध करून वेगळा आदर्श निर्माण केला आहे.

रमणीय उद्यान या संकल्पनेस पात्र ठरण्यासाठीचे मूलतः सर्वोत्तम रचना, उत्कृष्ट बागकामाचे प्रदर्शन, आणि रमणीय मांडणी, तसेच सर्व स्तरातील विद्यार्थ्यांना या नाविन्यपूर्ण बागकामाची प्रोत्साहित करणे हे निकष ठेवण्यात आले आहे.

आपला विश्वास,

*(Signature)*  
 नितीन प्रताप काळजे

मा. महापौर विद्यमान नगरसेवक  
 पिंपरी चिंचवड महानगरपालिका



*(Signature)*  
 Principal

Ajeenkya DY Patil School of  
 Engineering, Lohegaon, Pune





**महेश किसनराव लांडगे**

आमदार, भोसरी विधानसभा

निवास : लांडगे आली, महादेव मंदिराजवळ, भोसरीगांव, पुणे - ४११ ०३९. मोबा. : ९९२२६०९६६६

ऑफिस : शिंदेबाग कॉम्प्लेक्स, तुळजा भवानी मंदिरा मागे, पुणे-माशिक रोड, भोसरी, पुणे - ४११०३९. Website: www.maheshlandge.com

जा.क्र. : २१५७

दिनांक : ०२ / ०८ / २०२१

### स्वच्छ आणि हरित परिसर पुरस्कार २०२१

स्वच्छ आणि हरित परिसर पुरस्कार, अजिंक्य डी वाय पाटील विद्यापीठ, चन्होली बुद्रुक व्हाया लोहगाव, पुणे - ४१२१०९ यांचा स्मणीय उद्यानास बागकामातील सर्वोत्कृष्ट पद्धतीचे अवलंबाबद्दल प्रदान करण्यात येत आहे. प्रधान निरीक्षण समितीने संस्थांती उद्याने या वर्गामध्ये या विद्यापीठाने, बागकामातील सर्वोत्तम पद्धतीचे अवलंबाबरोबर, बागकामातील वचनबद्धता आणि देखणे प्रदर्शन यावरून निवड केली आहे.

या पुरस्कारासाठी करावयाचे निवडीसाठी मूलतः राष्ट्रीय व प्रादेशिक बागकामातील समुदायासाठी हरित परिसरासाठी उत्तम वचनबद्धता तसेच सर्व स्तरातील विद्यार्थ्यांसाठी नाविन्यपूर्ण बागकाम पद्धतीसाठी प्रोत्साहित व प्रेरित करणे आदि निकष लावण्यात आले आहे.

आपला स्नेहांकित,

महेश किसनराव लांडगे



Principal

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune





3



  
Principal  
Ajeenkya DY Patil School of  
Engineering, Lohegaon, Pune





  
**Principal**  
Ajeenkya DY Patil School of  
Engineering, Lohgaon, Pune