



# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Affiliated to JNTUK & Accredited by NAAC

Recognized by UGC under section 2(f) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

## 7.1.4- Water conservation facilities available in the institution

Rain water harvesting	Bore well / Open well recharge	Construction of tanks and bunds	Waste water recycling	Maintenance of water bodies and distribution system in the campus
Yes	Yes	Yes	Yes	Yes

Aditya College of Engineering maintains various water conservation facilities in the campus.

S.No	Tanks and bunds /Soak pit	Available No.	Capacity in Liters
1	Tanks and bunds	2	1,13,23,076
2	Soak pit	4	94,648
Total Storage capacity			1,13,97,724

### Rain Water Harvesting:

Aditya College of Engineering has a good practice of harvesting the rainwater collected from roof top area (14193 Sq.m) in 2 ponds and 4 soak pits constructed. The college campus has a scientifically well- equipped rainwater harvesting unit facilitated by an ideal set up. The rainwater from top of the roofs is collected through proper network of pipes. This network is instrumental of storing the water in soak pit/bunds with the capacity of 1,13,97,724 liters.

### Bore well / Open well recharge:

There are **four** bore wells available in the campus to supply of the water for regular usage. Currently the ground water is available within the depth of 100 ft. The bore wells are sufficiently recharged through soak pits, so as to retrieve required water throughout the year. Due to the measures taken in terms of water harvesting system ensured that all the bore wells are always kept recharged and hence the campus has never felt scarcity of water.

*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 22-Jun-2023 (02:37 PM)



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## Construction of tanks and bunds

There are 2 (two) tanks and bunds available in the campus with a size of 100 ft. length X 150 ft. width X 8 ft. depth and 90 ft. length X 200 ft. width X 8 ft. depth which can store 1,13,26,738 liters of water.

## Waste water recycling: Sewage Treatment Plant (STP) for waste water recycling:

The institute maintains two STPs with the capacity of 20000 liters water recycling and usage by the students in the hostel. Other water redirected to fields and ponds.

## Maintenance of water bodies and distribution system in the campus:

The institute has proper network of pipes to collect the rainwater from top of the roofs. There is a well connected pipes network water delivery system to distribute the water for each floor of the various buildings.

S.No	Proof of Documents
1	Rain water harvesting
2	Bore well / Open well recharge
3	Construction of tanks and bunds
4	Waste water recycling
5	Maintenance of water bodies and distribution system in the campus



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SURAMPALAM-533 437

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## 1. Rain water harvesting Location- Ramanujan Bhavan



Water tank for Rain water conservation



Rain water harvesting pit in Ramanujan Bhavan



Pipe lines from roof top to recharge pits

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## 2. Bore well / Open well recharge Location- Ramanujan Bhavan



### Bore well and Open Well Recharge in Ramanujan Bhavan



### Bore well Near James Watt Bhavan

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## 3. Construction of tank and bunds Location- Ramanujan Bhavan



## Construction of Tanks and bunds for maintaining water conservation facilities



## Tank on top of James Watt Bhavan

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## 4. Maintenance of water bodies in the campus



## Maintenance of water bodies in the campus



## RO plant near Boys Hostel

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## Water distribution system in the Ramanujan Bhavan



## Water distribution system in James watt bhavan

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## 5. Waste water recycling system



Waste water collected trough pipe and distributed to plants



Waste water pipe line for plants

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## Sewage Treatment Plant (STP) with 20000lit capacity



## STP collecting tank

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## Bills

GSTIN : 37ABIPV7479B1Z4 Cell : 9346295399

 **HANUMAN CONSTRUCTIONS**

FLOT NO. 102, D NO. 7-20-5/14, MAYURI PREM BAGH, KIRLAMPUDI LAYOUT  
CHINNAWALTUR, VISAKHAPATNAM, ANDHRA PRADESH - 530017  
Email : hanumanconstructions5@gmail.com


Date : 12/6/2019

**BILL TO**

NAME : Aditya College of Engineering  
ADDRESS : Aditya Nagar, ADB Road, Surampalem,  
East-Godavari District,  
Andhra Pradesh, INDIA.  
CITY : Surampalem  
PINCODE : 533437

S No	Description	Volume	Unit cost (per m <sup>3</sup> )	Quantity	Amount
1	40 mm coarse aggregate	5 m <sup>3</sup>	Rs 3840	5000 kg	Rs 19200.00
2	20 mm coarse aggregate	2.5 m <sup>3</sup>	Rs 2880	2500 kg	Rs 7200.00
3	Sand or Fine aggregate	1.5 m <sup>3</sup>	Rs 4092	1500 kg	Rs 6138.00
4	Earth work (labour)	10 m <sup>3</sup>	Rs 250		Rs 2500.00
			Sub total amount		Rs 35,038.00
			GST 18%		Rs 6306.84
			Total amount		Rs 41,344.00

\*This bill is for the construction of Recharge pit including the material and labour prices

For Hanuman Constructions  
  
Proprietor



*eSign*

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 22-Jun-2023 (02:37 PM)



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## Borewell Bill

J7ASSPN3446K1Z1		Cell : 98490 12568 94920 68163			
<b>LAKSHMI GANESH ENGINEERING WORKS</b>					
C.R.I. PUMPS AUTHORISED DEALER					
# 20-1-41, Opp. Ramalayam, Pasilavari Street, PEDDAPURAM - 533 437, E.G.Dist.,					
Prop. : <u>Navudu Mallikarjuna Rao</u>		COMPOSITION TAXABLE PERSON			
Serial Number : <u>34</u>	Bill of Supply	State : <u>Andhra Pradesh</u>			
Date of Issue : <u>16/06/2021</u>	Cash / Credit	State Code : <u>37</u>			
DETAILS OF RECEIVER					
Name : <u>Aditya College</u>		Vehicle No. : <u>AP 05 TD 3342</u>			
Address : <u>Surampalem</u>		GSTIN/UIN : <u>243</u>			
Phone No. :					
Sl. No.	Description of Goods	HSN Code	Qty.	Rate	Amount
①	CR1 7.5 HP Motor, 3-Stage Pump 3-Phase V/6 Model 65.D PUMP. S.No:- 10220K14484 10221A15367	84135 130	②	-	78,000/-
②	CR1 3-HP Motor, 3-Stage Pump 3-Phase V/6 Model 50.D PUMP. S.No:- 10221C23126	84138 130	①	-	33,500/-
TOTAL					1,11,500/-
Total Invoice Amount in words :					
Bank Details : Bank A/c. No. : 62423549335 IFSC Code : SBIN0000897 STATE BANK OF INDIA, PEDDAPURAM			Certified that the particulars given above are true and correct. For <b>LAKSHMI GANESH ENGINEERING WORKS</b> <u>N. Mallikarjuna Rao</u> Authorised Signatory		
Terms & Conditions 1. Goods once sold cannot be taken back or exchanged 2. Subject to Peddapuram Jurisdiction only					
* మోటర్ ప్రైవేట్, వాటర్స్ తదితర అయిల్ సేల్స్ కి వారంబీ బహుబంధం. * మోటర్ ప్రైవేట్ వారంబీ మాత్రమే					



*eSign*

Signed by: Adireddy Ramesh  
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*Handwritten signature*

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## Construction of Tanks and Bunds

(O) 2378614  
Cell: 98486 25205

### NALAM SANITARY HOUSE

Sona Sanitary, Surya Pipes, Ashirvad Pipes  
D.No. 1-18-8, Sriram Nagar, KAKINADA - 533 003  
GST IN:37AATPN3706H1ZD

**BILL OF SUPPLY - COMPOSITE DEALER**

Serial Number : **1883** State : **Andhra Pradesh**  
Date of Issue : **30/5/19** State Code : **37**

**Details of Receiver / Billed to**

Name : **Aditya College of Engineering, Surampalem**

S.No.	Description of good	Qty	Rate	Amount	Less: Discount	Value of Supply
1.	32 H cm Pipe	10	680	6800.00		6800.00
2.	32. au. file	20	550	11000.00		11000.00
3.	32. u 76 H	10	330	3300.00		3300.00
4.	32. on au	18	720	5760.00		5760.00
5.	38. 252 H	13	650	8450.00		8450.00
6.	32. au	15	65	975.00		975.00
7.	32 d 20 Pipe	20	120	2400.00		2400.00
8.	32. au	20	15	300.00		300.00
9.	32. au	30	65	1950.00		1950.00
10.	32. au	15	30	450.00		450.00
11.	32. au	15	35	525.00		525.00
12.	32. 15 32 H	TOTAL				43156.00

Total Invoice Amount in Words: **Four thousand three hundred and five rupees only**

<b>Bank Details</b> Bank Account Number : 0612270969 Bank Branch IFSC : KKBK0007840 E. & O.E. : Kotak Mahindra Bank	Certified that the particulars given above are true and correct <b>For Nalam Sanitary House</b> Authorised Signatory
--	--

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SURAMPALAM



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Aditya Nagar, ADB Road, Surampalem - 533 437, E.G.Dist., Ph: 99631 76662.

(O) 2378614 Cell: 98486 25205						
<b>NALAM SANITARY HOUSE</b> Sona Sanitary, Surya Pipes, Ashirvad Pipes D.No. 1-18-8, Sriram Nagar, KAKINADA - 533 003 GST IN:37AATPN3706H1ZD						
<b>BILL OF SUPPLY - COMPOSITE DEALER</b>						
Serial Number : 2394			State : Andhra Pradesh			
Date of Issue : 25/5/2020			State Code : 37			
Details of Receiver / Billed to						
Name : Aditya College of Engineering, Surampalem						
S.No.	Description of good	Qty	Rate	Amount	Less: Discount	Value of Supply
1.	25mm 3234 pipe	5	450	2250.00		2250.00
2.	25mm pipe	6	230	1380.00		1380.00
3.	25mm seals	5	180	900.00		900.00
4.	2mm dia pipe	3	600	1800.00		1800.00
5.	gus	7	160	1120.00		1120.00
6.	balance	1	65	65.00		65.00
<b>TOTAL</b>						<b>7515.00</b>
Total Invoice Amount in Words: Seven Thousand Five Hundred and Fifteen Rupees Only						
<b>Bank Details</b> Bank Account Number : 0612270969 Bank Branch IFSC : KKBK0007840 E. & O.E. Kotak Mahindra Bank				Certified that the particulars given above are true and correct For Nalam Sanitary House Authorized Signatory		

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Aditya College of Engineering  
SURAMPALAM-53



Sign

Signed by: Adireddy Ramesh  
Reason: Self-Attestation  
Location: Kakinada, India  
Date: 22-Jun-2023 (02:37 PM)



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## PADMALAYA REFRIGRATION WORKS & SERVICES

D.No:36-6-11, Near Sai Krishna Theater, Innespeta, Rajahmundry

Tin No: 28850263909

CST No: KDA/10/1/1906

Customer Details

Aditya College Engineering  
Surampalem  
Ph:99498 76662

Invoice No: 550

Date:07-09-2020

S.No	Model No	Description	Qty	Unit Price	VAT%	Amount
1	SDLH 150150	Bluestar Make 150Ltrs Stainless Steel Drinking Water Cooler Sr.No.SDLX15150130V2723	1	43,500.00		43,500.00
Total (Inclusive of VAT @ 14.5%)						43,500.00

Rupees:

FORTY THREE THOUSAND FIVE HUNDRED RUPEES ONLY

For Padmalaya Refrigeration Works & Services

  
Authorized Signatory

- Goods once Sold cannot be replaced or returned
- All disputes subject to Rajahmundry Jurisdiction only

E & O.E



  
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*eSign*

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GSTIN : 37ABIPV7479B1Z4



## HANUMAN CONSTRUCTIONS

Cell : 9346295399

FLOT NO: 102, D NO: 7-29-5/1/4 MAYURI PREM BAGH KIRLAMPUDI LAYOUT  
CHINNAWALT AIR VISAKHAPATNAM ANDHRA PRADESH - 530017  
Email: hanumanconstructions5@gmail.com

Date: 14/6/2019

### BILL TO

NAME : Aditya College  
ADDRESS : Aditya Nagar, ADB Road, Surampalem,  
East-Godavari District,  
Andhra Pradesh, INDIA.  
CITY : Surampalem  
PINCODE : 533437

### ESTIMATE

S. No.	Description	Number	Cost/Unit	Total Cost
1	Cement	58 bags	350	20,800
2	Fal G Bricks	700	20	14,000
3	Red Bricks	2000	7	14,000
4	C.A. 30mm	2 Units	3,800	7,600
5	C.A. 20mm	1 Unit	4,000	4,000
6	C.A. 10mm	2 Units	2,500	5,000
7	Sand	1 Unit	4,000	4,000
8	Clay	1 Unit	2,000	2,000
9	8mm Bars	7	270	1,890
10	Motor(1HP)	1	3,000	3,000
11	Helpers	49	500	24,500
12	Soil labor	55	500	27,500
13	Carpenter	6	500	3,000
14	Plumber	10	500	5,000
15	Other allowance (Transport, etc.,)	-	-	6,000
Total Amount				Rs 1,42,290.00

\*This bill is for the construction of Sewage treatment plant including the material and labour prices

For Hanuman Constructions

Proprietor



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*Sign*

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