

**E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)**

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)


Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

**7.1.4 Water conservation facilities available in the institution**

**BILL FOR WATER CONSERVATION FACILITIES AVAILABLE IN THE INSTITUTION**

<b>S.No</b>	<b>FACILITY</b>	<b>PAGE NO</b>
<b>1.</b>	<b>Rain Water Harvesting</b>	<b>1-9</b>
<b>2.</b>	<b>Sewage Water Treatment</b>	<b>10-11</b>
<b>3.</b>	<b>Construction of tanks and bunds for the academic year 2021-2022</b>	<b>12</b>
<b>4.</b>	<b>Installation of RO plant</b>	<b>13</b>

ATTESTED

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002,  
Nagapattinam (Dt) Tamil Nadu.



E. G. S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

## RAIN WATER HARVESTING

S.N O	DESCRIPTION	AMOUNT	Page No
1	PVC PIPE	106282.00	2
2	REINFORCEMENT	75421.00	3
3	CEMENT	75271.00	4
4	LABOUR CHARGE	72500.00	5
5	OTHERS/LUMPSUM	4000.00	
TOTAL		332974.00	

ATTESTED

  
Dr. S. RAJABALAN, M.E., Ph.D.,  
Principal

E.G.S. Pillay Engineering College,  
Tiruchi Nagar - 611 002,  
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

GSTIN 33AKGPA6245D1ZQ		243172		
<b>LAKSHMI PIPES</b>				
11, G.H. Road NAGAPATTINAM - 611 001. Authorised Dealer KUMAR Piston Pump				
<b>CASH/CREDIT BILL</b>				
No. <b>869</b>	Secretary	Date: 16-7-2017		
To	E.G.S. Pillay Eng. College			
S.No.	DESCRIPTION	Qty	Amount	
			Rs.	Ps.
1.	160mm pvc pipe	60m	14750	
2.	160mm Elbow	12	1870	
3.	160mm Elbow	12	2450	
4.	160mm Elbow	12	2450	
5.	160mm pvc pipe	18m	21000	
6.	110 Elbow	30	1550	
7.	110 Elbow	30	1700	
8.	2 Duro - 1 m	3	700	
9.	150 cap	600	3500	
10.	150 cap	200	2700	
11.	140 pvc pipe	18m	27000	
			90070	
CGST 9%			8106	
SGST 9%			8106	
E.&O.E.			106282	

Goods once sold cannot be taken back

LAKSHMI PIPES  
No. 11, Govt. Hospital Road,  
Nagapattinam - 611 001 - for LAKSHMI PIPES  
Phone: 243172

## Rain Water Harvesting

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,

Principal  
E.G.S. Pillay Engineering College,  
Thetiv, Nagapattinam - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



NAGAPATTINAM – 611 002. TAMILNADU, INDIA  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)  
Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

**SRI VENKATESWARA STEEL CORPORATION**

Iron & Cement Merchant

-26/11.26/1.EASTCOAST ROAD, ANTHANAPETTAINAGAPATTINAM-611002  
ne 241080 Cell : 9842492445  
IN 33ADAPT3918M1ZE Term : Credit

THE SECRETARY  
E.G.S.P. ENGG COLLEGE

Bill.No **BO- 176**

Bill.Dt 16/07/2017

GSTIN

Product	Qty (KGS)	Price	GST %	Total
TATA TISCON 8MM	120.000	223.73	18.00	26,847.60
TATA TISCON 10M	85.000	338.98	18.00	28,813.30
TATA TICON 12MM	17.000	485.59	18.00	8,255.03

-No-	Taxable Value	65915.93
	CGST @ 9%	5752.44
	SGST @ 9%	5752.44
	Handling Charges	

Round @ 0.00

es twenty-five thousand four hundred twenty-one

## Rain Water Harvesting

ATTESTED

Dr. S. RAMABAI M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pillai College,  
Thekkadai, Nagapattinam (T), Tamil Nadu.



NAGAPATTINAM – 611 002. TAMILNADU, INDIA  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)  
Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

**SRI VENKATESWARA STEEL CORPORATION**

Iron & Cement Merchant

-26/11, 26/1, EAST COAST ROAD, ANTHANAPETTAI NAGAPATTINAM-611002  
ne 241680 Cell : 9642692445  
LN 33ADAFT3918M12B Term : Credit

THE SECRETARY Bill.No **BO- 304**  
E.G.S.P. ENGG COLLEGE

Bill.De 22/07/2017

GSTIN

Product	Qty (KGS)	Price	Gst %	Total
ULTRATECH CEMEN	193.000	304.69	28.00	58,805.17

-No-	Taxable Value	58805.17
	CGST @ 14%	8232.73
	SGST @ 14%	8232.73
	Handling Charges	

ROUND OFF 0.00

es seventy-five thousand two hundred seventy-one

## Rain Water Harvesting

ATTESTED

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pilla; E.G.S.P. College,  
Thetha, Nagapattinam - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAI ENGINEERING COLLEGE (AUTONOMOUS)  
 NAGAPATTINAM – 611 002, TAMILNADU, INDIA  
 Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
 (Accredited by NAAC with 'A' Grade and NBA)  
 Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

**QUALITY SERVICES**  
 Construction Consultancy & Services  
 409, MAIN ROAD, NAGORE-611002



TO  
 THE SECRETARY  
 EGS PILLAI ENGINEERING COLLEGE  
 NAGAPATTINAM – 611001

FROM  
 QUALITY SERVICES  
 409 MAIN ROAD,  
 NAGORE – 611002  
 NAGAPATTINAM DIST

SUB: LABOUR INVOICE  
 INVOICE DATE: 16/07/2017

**RAIN WATER HARVESTING CONSTRUCTION PURPOSE LABOUR CHARGING**

S No.	Date	Description	Quantity	Wage Per Day	Amount	Sub Total
1	12/07/2017	Mason	17	800.00	13,600.00	
2	13/07/2017	Mason	17	800.00	13,600.00	
3	14/07/2017	Mason	17	800.00	13,600.00	40,800.00
4	12/07/2017	Mazdoor	18	600.00	10,800.00	
5	13/07/2017	Mazdoor	17	600.00	10,200.00	
6	14/07/2017	Mazdoor	17	600.00	10,200.00	31,200.00
<b>TOTAL:</b>						<b>72,000.00</b>

Place: Nagore  
 Date: 16/07/2017

Engineer & In charge



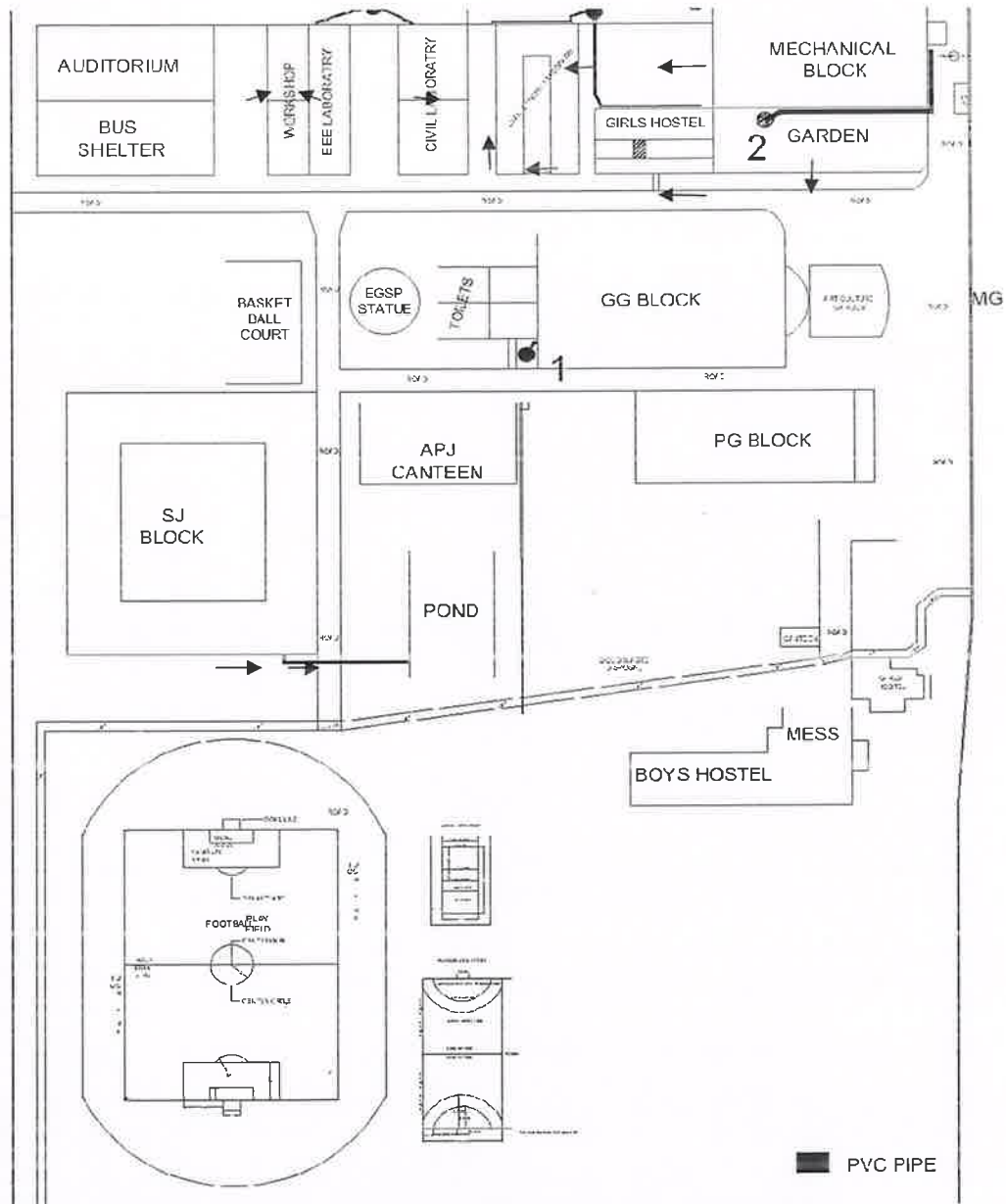
## Rain Water Harvesting

ATTESTED

**Dr. S. RAMABALAN, M.E., Ph.D.,**  
 PRINCIPAL  
 E.G.S. Pillai Engineering College,  
 Thethi, Nagore - 611 002,  
 Nagapattinam (Dt) Tamil Nadu.



**E.G.S. PILAY ENGINEERING COLLEGE (AUTONOMOUS)**  
NAGAPATTINAM – 611 002, TAMILNADU, INDIA  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)  
Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112



**CAMPUS LAYOUT RAINWATER HARVESTING LOCATION**

**ATTESTED**  
  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
E.G.S. Pillay Engineering College,  
Thethi, Nagapattinam - 611 002,  
Nagapattinam (Dt) Tamil Nadu.



NAGAPATTINAM – 611 002, TAMILNADU, INDIA  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)  
Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

**DETAILS ABOUT RAINWATER HARVESTING SYSTEM**

SL NO	DESCRIPTION	DETAILS
<b>SJ BLOCK</b>		
1	AREA OF ROOF SLAB	3049 sq.m
2	TYPE OF ROOF COVERING	Rcc Roof With Weather Proof Tiles
3	QUANTITY OF RAIN FALL RECEIVED (Approx)	100cm Per Year
4	METHOD OF COLLECTION	All PVC Down Water Pipes Were Connected and conveying to nearest recharging location
5	METHOD OF RECHARGE	Stored in natural pond
<b>GG BLOCK</b>		
1	AREA OF ROOF SLAB	1350sq.m
2	TYPE OF ROOF COVERING	Rcc Roof With Weather Proof Tiles
3	QUANTITY OF RAIN FALL RECEIVED (Approx)	100cm Per Year
4	METHOD OF COLLECTION	All PVC Down Water Pipes Were Connected and conveying to nearest recharging location
5	METHOD OF RECHARGE	Stored in collection pit
<b>PG BLOCK</b>		
1	AREA OF ROOF SLAB	525sq.m
2	TYPE OF ROOF COVERING	Rcc Roof With Weather Proof Tiles
3	QUANTITY OF RAIN FALL RECEIVED (Approx)	100cm Per Year
4	METHOD OF COLLECTION	All PVC Down Water Pipes Were Connected and conveying to nearest recharging location
5	METHOD OF RECHARGE	Stored in natural pond

**ATTESTED**  
  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.





# E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

SL NO	DESCRIPTION	DETAILS
<b>MECHANICAL BLOCK</b>		
1	AREA OF ROOF SLAB	1561sq.m
2	TYPE OF ROOF COVERING	Rcc Roof With Weather Proof Tiles
3	QUANTITY OF RAIN FALL RECEIVED (Approx)	100cm Per Year
4	METHOD OF COLLECTION	All PVC Down Water Pipes Were Connected and conveying to nearest recharging location
5	METHOD OF RECHARGE	Stored in collection pit
<b>LADIES HOSTEL</b>		
1	AREA OF ROOF SLAB	671sq.m
2	TYPE OF ROOF COVERING	Rcc Roof With Weather Proof Tiles
3	QUANTITY OF RAIN FALL RECEIVED (Approx)	100cm Per Year
4	METHOD OF COLLECTION	All PVC Down Water Pipes Were Connected and conveying to nearest recharging location
5	METHOD OF RECHARGE	Stored in collection pit
<b>CIVIL LAB</b>		
1	AREA OF ROOF SLAB	385sq.m
2	TYPE OF ROOF COVERING	Rcc Roof With Weather Proof Tiles
3	QUANTITY OF RAIN FALL RECEIVED (Approx)	100cm Per Year
4	METHOD OF COLLECTION	All PVC Down Water Pipes Were Connected and conveying to nearest recharging location
5	METHOD OF RECHARGE	Stored in collection pit

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pillay Engineering College,  
Thethi Nagore - 611 002,  
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)

Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112


#### CALCULATION OF RAINWATER QUANTITY IN ROOF TOP

$$\begin{aligned}\text{QUANTITY} &= \text{ROOF AREA IN SQ.M} \times \text{RAIN FALL IN mm} \times \text{CO-EFFICIENT} \\ &= 7541 \text{SQ.M} \times 0.10 \times 0.6 \\ &= 452 \text{ M}^3 \text{ OR } 4,52,000 \text{ Liters}\end{aligned}$$

#### CALCULATION OF RAINWATER QUANTITY IN POND NEAR SJ BLOCK

AREA OF POND = 1020 SQ.M

$$\begin{aligned}\text{QUANTITY CAN BE STORED} &= 1020 \times 3.0 \times 1000 \\ &= 30,60,000 \text{ Liters}\end{aligned}$$

ATTESTED  
  
Dr. S. RANGABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thiruv. Nagar. 611 002.  
Nagapattinam (Dt) Tamil Nadu.




E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)  
NAGAPATTINAM – 611 002. TAMILNADU, INDIA  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)  
Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

### SEWAGE TREATMENT PLANT

SL.NO	DESCRIPTION	AMOUNT	Page No
1	Installation of sewage plant and Transport & Plumping	7,94,730.00	6

ATTESTED

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagapattinam - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)  
 NAGAPATTINAM – 611 002. TAMILNADU, INDIA  
 Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
 (Accredited by NAAC with 'A' Grade and NBA)  
 Email: principal@egspec.org website: www.egspec.org Ph: 04365-251112

## Sewage Water Treatment

# AQUA SAFE

**387/5 Public Office Road, Velippalaym, Nagapattinam.**  
**Cell: 9942252777, 9894467577**  
**GSTIN: 33AMKPA0941L2Z9**

### CASH BILL

<b>Name:</b> The Secretary, E.G.S Pillay Engineering College.		<b>Invoice</b>		
<b>Address :</b> Nagapattinam		<b>Invoice No :</b> 330		
<b>Phone Number :</b>		<b>Invoice Date :</b> 22.12.2017		
S.No.	Description	Qty	Rate	Amount
1.	Installation of Sewage plant and Transport & Plumbing work			6,73,500.00
		GST 18%		1,21,230.00
			<b>Total</b>	<b>7,94,730.00</b>
<b>(Rupees in words) Rupees seven lakhs ninety four thousand seven hundred and thiry only</b>				

- Including of all taxes



**ATTESTED**  
  
**Dr. S. RAMABALAN, M.E., Ph.D.,**  
**PRINCIPAL**  
 E.G.S. Pillay Engineering College,  
 Thettni, Nag. no. 611 002.  
 Nagapattinam (Dt) Tamil Nadu.



NAGAPATTINAM – 611 002, TAMILNADU, INDIA  
 Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
 (Accredited by NAAC with 'A' Grade and NBA)  
 Email: principal@egspec.orgwebsite: www.egspec.orgPh: 04365-251112

## Construction of tanks and bunds for the academic year 2021-2022

### AQUASAFE

387/5 Public Office Road, Velippalayam, Nagapattinam.  
 Cell: 9942252777, 9894467577

#### CASH BILL

Name: The Secretary, E.G.S Pillay Engineering College Address: Nagapattinam Phone Number:		Invoice		
S.No.	Description	Qty	Rate	Amount
1.	Installation of Sintex water and Transport & Plumbing work	20	2,10,000	2,10,000-00
			CST 18%	37,800
			<b>Total</b>	<b>247800-00</b>

(Rupees in words) Rupees Two Lakhs forty seven thousand eight hundred rupees only

- Including of all taxes

For Aqua Safe  
 [Signature]  
 For Aqua Safe



**ATTESTED**  
 [Signature]  
 Dr. S. RAMANAN, M.E., Ph.D.  
 E.G.S. Pillay Engineering College,  
 Thuraiyur, 611 002,  
 Nagapattinam (Dt) Tamil Nadu.



NAGAPATTINAM – 611 002. TAMILNADU, INDIA  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)  
Email: principal@egspec.orgwebsite: www.egspec.orgPh: 04365-251112

## Installation of RO plant

# AQUASAFE

387/5 Public Office Road, Velippalayam, Nagapattinam.  
Cell: 9942252777, 9894467577

### CASH BILL

Name: The Secretary, E.G.S Pillay Engineering College		Invoice		
Address: Nagapattinam		Invoice No : 339		
Phone Number:		Invoice Date: 18.09.2017		
S.No.	Description	Qty	Rate	Amount
1.	RO Plant installation and transportation, services charges	01	2,40,000	2,40,000
		GST18%		43,200
			<b>Total</b>	<b>2,83,200-00</b>

(Rupees in words) Rupees Two Lakhs eighty three thousand two hundred rupees only

- Including of all taxes



For Aqua Safe  
*D. J. Jeyaraj*  
For Aqua Safe

ATTESTED

*D. J. Jeyaraj*  
Dr. S. RAMADHAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.