



7.1.4 Water Conservation - Other Relevant Documents

INDEX SHEET

Sl. No	Particulars
1	Water conservation policy
2	Eco friendly Camps- Notice board
3	Water Conservation - Notice board/ postures
4	Construction of water tank
5	Maintenance of water bodies and distribution system in the campus



No TET 73/GWT/2006

March 28, 2006

To
Mr. V.C. Elias
Managing Partner
United Construction Company
VMC Complex, Wadakkanchery
Thrissur - 680 590.

Dear sir,

**Sub: Construction of surface water tank, Jyothi Engineering College,
Cheruthuruthy - Work awarding of**

Ref: Your offer for the work

With reference to your offer cited above and subsequent personal discussion we had with you, the Trust is happy to award the work to you at the rate of 20% (Twenty percentage) above the estimate rate of Rs. 3,73,335/- (Rupees Three Lakh Seventy Three Thousand Three Hundred and Thirty Five Only), the rate offered by you on negotiation. The work is awarded subject to the following conditions

1. The rate includes all sorts of lead and lift required for the work and transport of materials to site
2. The existing water supply and electrical supply extended to your construction site can be utilized. The contractor has to meet the recurring expenditure towards electricity charges and maintenance, if any found required.
3. The general and special conditions of contract already in force are applicable to this work also.
4. You are requested to execute an agreement in Kerala Govt. Stamp paper worth Rs.50/- after depositing an amount of Rs.25,000/- towards security deposit.

True Copy Attested

Handwritten signature in green ink

Yours faithfully,

Handwritten signature of Thomas Mathew

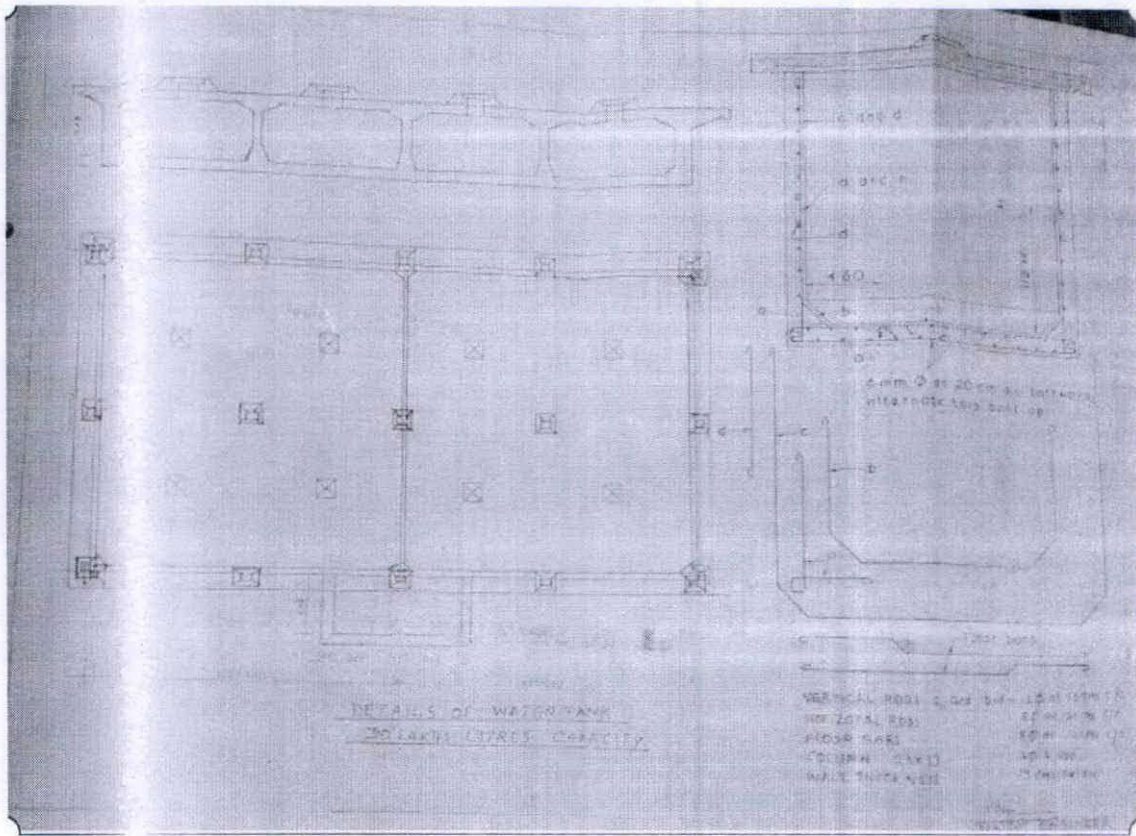
Thomas Mathew
Jl. Secretary

C.C. to the Project Manager
Dr. SUNNY JOSEPH KALAYATHANKAL Project Engineer
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths) Finance Manager
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531



7.1.4 Water conservation facilities available in the Institution

Construction of tanks- Details of Water Tank of 30 Lakh capacity



Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech; MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

Amud

True Copy Attested

Construction of Surface water tank - Jyothi Engineering College, C.C.Ist & Final

Item No	Particulars	Agt. Qty	Up to date Qty	Unit	Rate	Total Value	Deduct Previous Measurement		Unit	Since last measurement		Remarks
							MB	Page		Quantity	Value	
1	Earth work excavation in all classes of soil(except hard rock which requires blasting) for foundation etc. including shoring shuttering and form work, removing the excavated earth to a safe place and back filling the same on the basement and compacting to correct profiles and foundation level including consolidation of useful earth for filling by ramming in 15 cm layers including all leads and lifts Qty wide page 3 MB		342.65	m3	80	27412			m3	342.65	27412	
2	providing and laying cement concrete 1:5:10 using 40 mm (nominal size) broken stone including edge shuttering form work watering, etc less cost of cement Qty wide page 3 MB		23.408	m3	1000	23408			m3	23.408	23408	

ASUMB

KALAYATHANKAL
 Dr. SUNNY JOSEPH KALAYATHANKAL
 M.Tech, MCA, M.Sc, M.Phil, B.Ed
 Ph.D (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.-679 531

5	plastering with cement with mortar 1:4, 12mm thick one coat outside of wall trowelled hard and finished smooth necessary cutting etc including watering curing etc complete but excluding cost of cement Qty wide page 11 MB	309 525 m2	50	15476 25				m2	309 525	15476 25
7	plastering under side of slab 1:3, 9mm thick one coat finished smooth with necessary cutting grooves including watering curing etc complete but excluding cost of cement Qty wide page 9 MB	218.71 m2	52	11372.92				m2	218.71	11372.92
8	plastering the top of cover slab with CM 1:3, 6mm thick one coat finished smooth including watering curing etc complete but excluding cost of cement Qty wide page 13 MB	229.445 m2	40	9177 8				m2	229.445	9177.8

Amritha

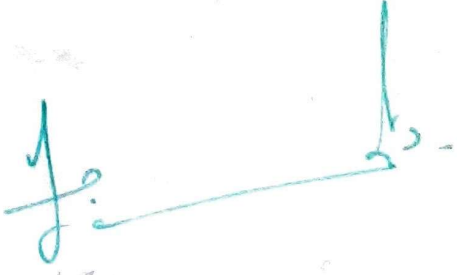
Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, ICA, M.Sc, M.Phil, B.Ed
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy, P.O. - 679 531

EXPENDITURE DETAILS OF RAIN
WATER HARVESTING PROJECT

It is certified that an amount of **Rs.5382804** has been expended for rainwater harvesting project vide to following measurement books (MBs).

Sl no.	MB No.	Page No	Amount
a)	MB.83	19	1915091.00
b)	MB 60	28	904800.00
c)	MB 85	48	507200.00
d)	MB 84	78	1216163.00
e)	MB 83	106	839550.00
Total			5382804.00




P. O. [illegible]

JEC/MMH/2013

Jyothi Engineering College, Jyothi Hills, Vettikattiri, Cheruthuruthy, Thrissur 679 531
972

STOCK REGISTER
(CENTRAL / DEPARTMENTAL / LABORATORY)

Name of Dept: Store		Name of Lab:									
Sl. No.	Date	Purchase Order	Supplier / Issued to	Invoice No.	Rate	VAT	Total	Receipt / Issue	Balance	Initials	Remarks
Name of Item: 150mm PVC Pipe 6kg ISI		Unique No:									
1	24.6.16		Tube links Calicut	CL-B/0676	453.50	5%	5742.14	126mb	126mb	✓	
2	5.7.16		water Harvesting				25023.31	108mb	18mb	✓	
3	4.7.16		water harvesting					6	12mb	✓	
4	14.7.16		Return from work				126mb	30mb	30mb	✓	
5	16.5.20		New road work					12	18mb	✓	
6	21.11.20		Road crossing at new Campus					18mb	Nil	✓	

Handwritten signature

DR. SURESH K. KALAYATHANIPAL
A.M.Sc. M.Phil. B.Ed
Principal
Jyothi Engineering College
P.O. - 679 531

Date	Total	Receipt /	Balance	Initials	Ref



R K Enterprises

Mfrs of WOOLMAN Chlorinators
Elappully.P O, 678 622 Palakkad, Kerala, India
Phone - 0491-2584078, Mobile : 0 9447008078
krp@rkenterprises.biz, www.rkenterprises.biz



WOOLMAN Make Vacuum Operated Chlorination Plant Capacity of 5-0 / 3.0 kg capacity

Site: Jothy Engineering College

Maintenance Report

Date 4/03/20

SL No	Description	Serviced	Replaced	Remarks
1.	Stainless Steel 316 Chlorine gas filter with all accessories	✓		
2.	Vacuum regulator with Teflon diaphragm and Teflon working parts			
3.	Compensating differential regulator with Teflon diaphragm and working parts			
4.	Borosilicate glass rotameter with scale to measure the flow of chlorine gas.		✓	
5.	Flow regulating pressure valve to maintain the constant flow of required chlorine gas.			
6.	Injector to create the necessary vacuum at a minimum water pressure 0.5kg/cm ² .			
7.	Vacuum pressure breaker Assembly			
8.	Connection pipes for chlorine gas from Cylinder to Plant			
9.	Chlorine Pressure Gauge		✓	
10.	Vacuum Pressure Gauge			
11.	Water Pressure Gauge			
12.	Solenoid Valve			
13.	Water Pressure Pump			
14.	Automatic Control Panel			

Serviced by :

[Signature]

Operator :

[Signature]

True Copy Attested

[Signature]

1. Automatic is not working. It to rectify.

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jothy Engineering College

Mfrs of WOOLMAN Chlorinators
KRP/JEC/101
22 nd April 2021

15 / 669, GANDHI NAGAR
Phone : 0492- 3296548
Mobile : 9447008078
krp @ rkenterprises.biz
www . rkenterprises. biz
PAN No :AKWPP5082D
GST32AKWPP5082D1ZW

The Executive Manager
Jyothy Engineering College
Cheruthuruthy
Dear Sir,

Sub : Supply of spares and complete maintenance of WOOLMAN
make Chlorinator installed at your pumphouse
Ref : Personal Enquiry an Site Visit on today and undertake
the work

With reference to the above we have pleasure to undertake the maintenance
of our own WOOLMAN' Make vacuum feed type chlorinator installed at your
campus

A) Supply of Glycerine filled Stainless Steel Vacuum		
guage filted with all accessories	1 set	Free of cost
B) Maintenance charges of Chlorinator , complete		
cleaning of Vacuum regulator and rotameter	1 set	7,500.00
Total		7,500.00
GST @ 18 %		1,350.00
Grand Total		8,850.00

Thanking you,

Yours faithfully,
For R K Enterprises

[Signature]
K R Prabhakaran

*passer
prof cyprite to visit please.
if. b
12/6/21
R to release
the amount*

*Complete satisfactory
Reason + Invoice*

Amount

DR. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL

Jyothi Engineering College
Cheruthuruthy PO - 679 531

True Copy Attested

20*

Free Fee

enterprises

8622, Palakkad, Kerala.
0,0491 2584078



TAX INVOICE

GST : 32AKWWPP5082DIZW



Particulars	No	Date:	Dispatched through :		Tempo
			Quantity	Vehicle No. :	
	Unit Rate	Rs.	Amount	Tax Rate	Tax
glycerine filled Vacuum Guage suitable for	1 Set	Free			
ce of Chlorinator , complete cleaning of gulator and rotameter etc	1 Set	7,500.00	7,500 00	18%	1,350.00
Sub Total			7,500.00		
Total Tax			1,350.00		
Grand Total			8,850.00		

: Eight Thousand Eight Hundred and Fifty Only

For **R K ENTERPRISES**
Authorised Signatory

True Copy Attested

Amar

Dr. SUNNY J... MALAYATHANKAL
M. Phil, B. Ed
Ph.D (Maths)
Principal
... College
... P.O.-679 531

R K Enterprises



Mfrs of WOOLMAN Chlorinators
KRP/JEC/101
15 th December 2020

Elappully P O, 678 622
Palakkad, Kerala, India
Phone - 0491-2584078
Mobile : 9447008078
krp@rkenterprises.biz
www.rkenterprises.biz
GST 32AKWPP5082D1ZW

The Executive Manager
Jyothy Engineering College
Cheruthuruthy
Dear Sir,

Sub : Supply of spares and complete maintenance of WOOLMAN
make Chlorinator installed at your pumphouse
Ref : Personal Enquiry an Site Visit on today

With reference to the above we have pleasure to undertake the maintenance
of our own WOOLMAN' Make vacuum feed type chlorinator installed at your
campus

A) Supply of Glycerine filled Stainless Steel Vacuum guage fitted with all accessories	1 set	6,500.00
B) Maintenance charges of Chlorinator, complete cleaning of Vacuum regulator and rotameter	1 set	7,500.00
Total		14,000.00
GST @ 18 %		2,520.00
Grand Total		16,520.00

Thanking you,

Yours faithfully,
For R K Enterprises

K R Prabhakaran

True Copy Attested

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O.- 679 531

This chlorination plant was not AMC at present.
The work will be completed.

Enterprises

O.- 678 622, Palakkad, Kerala.
603080, 0491 2584078
008078



TAX INVOICE

GST : 32AKWWPP5082DIZW



Particulars	No	Date:	87		Dispatched through:		Tempo
			Quantity	Unit Rate	Rs.	Amount Ps	
Supply of glycerine filled Vacuum Guage suitable for the gas maintenance of Chlorinator, complete cleaning of m regulator and rotameter etc	1 Set		6,500.00		6,500.00	18%	KL 09 AQ 2968
	1 Set		7,500.00		7,500.00	18%	
Sub Total					14,000.00		
Total Tax					2,520.00		
Grand Total					16,520.00		

True Copy Attested

[Handwritten Signature]

SUBBAY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy, Palakkad

For R K ENTERPRISES
[Handwritten Signature]
Authorised signatory

Words : Sixteen Thousand Five Hundred and Twenty Only

The above particulars shown in the above Invoice are true and correct in all
the grounds on which the tax charged and collected are in accordance with
the provisions of the GST and the rules made there- after. It is also certified that our
Invoice is not subject to any suspension / cancellation and it is valid as on
the date of issue.

R K Enterprises



Mfrs of WOOLMAN Chlorinators

RKE/JEE/106
11 th Februray 2020

The Executive Manager,
Jyothy, Engineering College
Cheruthuruthy.

Elappully.P O,678 622
Palakkad , Kerala, India
Phone - 0491-2803080
Mobile : 0 9447008078
krp@rkenterprises.biz
www.rkenterprises.biz
VAT TIN 32090602342-C

Dear sir,

sub : Supply of Spares and Complete Overhauling of Chlorination Plant
Supply of 50 kgs filled chlorine cylinder

Ref : Your Work order No : JECC/5/A/3/19 - 20 Dated 10 - 02 - 2020

We have supplied the filled chlorine cylinder capacity of 50 kgs , supplied required spares as per our offer and completed the overhauling of WOOLMAN make chlorinator installed at your pumphouse .

Enclosed please find the invoice for your reference.

kindly release the payment of Rs 82,600.00 at the earlieast.

Thanking you and assuring you of our best services and co-operation always.

yours faith fully,

For R K Enterprises

K R Prabhakar

Encl : Invoice for Rs. 82,600.00

True Copy Attested

Amr

Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETIKATTIRIP O, CHERUTHURUTHY, THRISSUR PIN-679531 PH. +91 4884 259090, 274423 FAX 04884 274777



Date: 10/02/2020

W.O. NO. JECC/5/A/3/19-20/026

To

M/s. R. K. Enterprises
Elappully P.O.,
Palakkad - 678 622

Dear Sirs,

Sub : Complete overhauling of WOOLMAN make Chlorinator installed at Jyothi Engineering College - reg.

Ref : Your Quotation No. KRP/JEC/101 dated 02-12-2020.

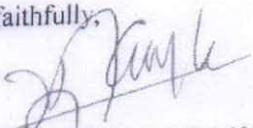
We are pleased to inform you that rate quoted by you vide your Quotation cited above for the complete overhauling of Chlorinator and subsequent negotiation is accepted by us. Accordingly, you are requested to carry out the following work:

S. No.	Particulars	Amount in Rs.
1.	Complete overhauling of WOOLMAN make Chlorinator installed at the pump house of Jyothi Engineering College.	70,000.00
	GST (18%)	12,600.00
	Total	82,600.00

TERMS AND CONDITIONS

1. Price : The Price is Inclusive of all Taxes.
2. Payment : 100% after completion of the work

Ours faithfully,


ROY JOSEPH VADAKKAN
Secretary & Assistant Manager

Copy to:

1. The Principal
2. File

True Copy Attested


Dr. SUNNY JOSEPH KALAYATHANKAL
M.Tech, MCA, M.Sc, M.Phil, B.Ed
Ph.D (Computer Science), Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531

JYOTHI ENGINEERING COLLEGE - (21-22)

Thrissur Educational Trust, Panjal Road,

Cheruthuruthy

Kerala - 679531, India

Contact : 04884-274198

M/s R.K Enterprises (K R Prabakar)

Ledger Account

1-Jun-2021 to 11-Nov-2021

Date	Particulars	Vch Type	Vch No.	Debit	Credit
21-6-2021	Dr Repairs & Maintenance Primary Cost Category General	Journal	118		8,850.00
	8,850.00 Dr BEING AMOUNT PAID FOR MAINTENANCE CHARGES FOR CHLORINATION PALNT. SUPPORTING ATTACHED.				
	Cr SIBL WKY A/C 0095073000051022	Cash/Bank Payment	212	8,850.00	
	Cheque 036245 21-6-2021 BEING AMOUNT PAID FOR MAINTENANCE CHARGES FOR CHLORINATION PALNT. SUPPORTING ATTACHED.	8,850.00 Cr			
				8,850.00	8,850.00



Dr. **JOSEPH KALAYATHANKAL**
 A, M.Sc, M.Phil, B.Ed
 Ph.D (Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.-679 531



R K Enterprises

Mfrs of WOOLMAN Chlorinators
 Elappully.P O, 678 622 Palakkad, Kerala, India
 Phone - 0491-2584078, Mobile : 0 9447008078
 krp@rkenterprises.biz, www.rkenterprises.biz



WOOLMAN Make Vacuum Operated Chlorination Plant Capacity of 5.0/3.0 kg capacity
 Site: **JYOTHI ENGINEERING COLLEGE Tharissud**

Maintenance Report Date **13/12/2021**

SL No	Description	Serviced	Replaced	Remarks
1.	Stainless Steel 316 Chlorine gas filter with all accessories			
2.	Vacuum regulator with Teflon diaphragm and Teflon working parts			
3.	Compensating differential regulator with Teflon diaphragm and working parts			
4.	Borosilicate glass rotameter with scale to measure the flow of chlorine gas.			
5.	Flow regulating pressure valve to maintain the constant flow of required chlorine gas.			
6.	Injector to create the necessary vacuum at a minimum water pressure 0.5kg/cm ² .			
7.	Vacuum pressure breaker Assembly			
8.	Connection pipes for chlorine gas from Cylinder to Plant	✓		
9.	Chlorine Pressure Gauge			
10.	Vacuum Pressure Gauge			
11.	Water Pressure Gauge			
12.	Solenoid Valve	✓		
13.	Water Pressure Pump			
14.	Automatic Control Panel	✓		

Serviced by: *chaley* Operator: *[Signature]*

15/12/21 True Copy Attested *[Signature]* 13/12/21

KALAYAL
 KALAYAL
 KALAYAL

R K Enterprises

WIM



Mix of WOOLMAN Chlorinators

KRP/JEC/101
14 th December 2021

The Executive Manager
Jyothi Engineering College
Cheruthuruthy

15 / 669, GANDHI NAGAR
NATTUKAL-P O, 678 654
Palakkad , Kerala , India
Phone : 0492- 3296548
Mobile : 9447008078
krp @ rkenterprises.biz
www. rkenterprises. biz
PAN No :AKWPP5082D
GST:32AKWPP5082D1ZW

Dear Sir,

Sub : Supply of Chlorine gas and maintenance of the Chlorination plant installed at your Campus

Ref : Personal instructions

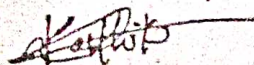
We have supplied chlorine gas for your Chlorination plant installed at your campus and undertaken the maintenance of the same

Enclosed please find the invoice for releasing our payment

Thanking you and assuring you of our best services and co operation always

Yours Faithfully

For R K Enterprises


K R Prabhakaran

Encl 1 Invoice

TO
Project
ALL
BANK

To be paid.
for
True Copy Attested

Approved
[Signature]

R K Enterprises

Nattukal P.O - 678 554, Palakkad, Kerala
 Ph : 0492 3296548
 Mob : 9447008078



TAX INVOICE

GST : 32AKWPP5082D1ZW



To, The Executive Manager
 Jyothi Engineering College
 Cheruthurthy

No

39

Dispatched through :

Tempo

Date:

14-12-2021

Vehicle No.:

KL 09 AQ 2968

Sl No	Particulars	Quantity	Unit Rate	Rs	Amount Ps	Tax Rate	Tax
1	50 kgs of Chlorine gas cylinders inclusive of Transporting, Loading and Unloading Charges at your pumphouse and Cylinder Testing charges at Travancore Cochin Chemicals, Kalamassery Kerala	1 No	12,500	12,500	00	18%	2,250.00
2	Maintenance of Chlorinator, complete cleaning of vacuum regulator and rotameter etc	1 Set	3,000	3,000	00	12%	360.00
Sub Total					15,500.00		
Total Tax					2,610.00		
Grand Total					18,110.00		

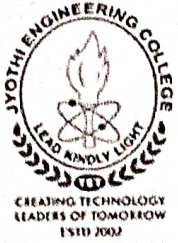
DECLARATION
 Certified That all above particulars shown in the above Invoice are true and correct in all respects and the grounds on which the tax charged and collected are in accordance with the provisions of the GST and the rules made there- after. It is also certified that our registration under GST is not subject to any suspension / cancellation and it is valid as on the date of this bill.

Rupees (In words) : Eighteen Thousand One Hundred and Ten Only

Original Copy Only

To be kept for 15 days

For R K ENTERPRISES
 Authorised signatory



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O. CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

Centre for Water Research and Education

Department of Civil Engineering

Jyothi Engineering College, Cheruthurthy

(Approved by Kerala State Pollution Control Board as a Commercial Laboratory vide order No. PCB/LAB/C12/2014 Dated 13/10/2015)

Result on Analysis of Water Sample : *Jyothi Water Samples*

Source of Sample : *Sample I - Open well near pond, Sample II - Base well (ced) near ground*

Date of Collection: *28.09.20*

Date of Testing: *26.09.20 - 30.09.20*

Standard Followed: *IS 10500 - 2012*

Sl no	Parameter	Unit	Acceptable limit	Permissible limit	Content in the Sample	
					I	II
1	Turbidity	Unit	1	5	0.2	0.4
2	pH	—	6.5-8.5	No relaxation	6.5	6.8
3	TDS	Mg/litre	500	2000	120	230
4	Alkalinity	Mg/litre	200	600	20	60
5	Total Hardness	Mg/litre	200	600	100	180
6	Chloride	Mg/litre	250	1000	80	100
7	Fluoride	Mg/litre	1	1.5	Nil	Nil
8	Nitrate	Mg/litre	45	No relaxation	0.12	0.58
9	Iron	Mg/litre	0.3	No relaxation	Nil	Nil
10	Manganese	Mg/litre	0.1	0.3	Nil	Nil
11	Suphate	Mg/litre	200	400	1.4	2.6
12	Sulphide	Mg/litre	0.05	No relaxation	—	—
13	Dissolved Oxygen	Mg/litre	—	—	—	—
14	COD	Mg/litre	—	—	Nil	Nil
15	BOD	Mg/litre	—	—	—	—
16	Residual chlorine	Mg/litre	0.2	1.00	0.1	0.1
17	Colliform /100ml	Number/100ml	Nil	NIL	Nil	Nil
18	E. Coli /100ml	Number/100ml	Nil	NIL	—	—

Remarks and Recommendations :

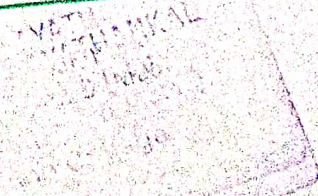
- Sample II - Iron is above the acceptable limit.*
- All other tested parameters are within limit.*



M. G. Cybil

True Copy Attested

anany





Jyothi Engineering College

N A A C Accredited College with N B A Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

DEPARTMENT OF CIVIL ENGINEERING

CENTRE FOR WATER RESEARCH & EDUCATION

Approved by Kerala State Pollution Control Board as a commercial laboratory

vide order no : PCB/Lab approval 85/2019/valid upto 29.10.2021

Water Quality Test Data

Name of Customer : Jyothi Water Sample
 Type of Source : Bore Well - New Ground.
 Date of Collection : 08/09/21
 Date of Testing : 08/09/21 - 10/09/21
 Standard Followed : IS 10500 - 2012

S/no	Parameter	Unit	Acceptable limit	Permissible limit	Content in the sample
1	Turbidity	NTU	1	5	0.1
2	pH	No unit	6.5-8.5	No relaxation	7.0
3	TDS	Mg/Litre	500	2000	270
4	Alkalinity	Mg/Litre	200	600	164
5	Total Hardness	Mg/Litre	200	600	180
6	Chloride	Mg/Litre	250	1000	10.02
7	Fluoride	Mg/Litre	1	1.5	Nil
8	Nitrate	Mg/Litre	45	No relaxation	—
9	Iron	Mg/Litre	0.3	No relaxation	0.12
10	Manganese	Mg/Litre	0.1	0.3	Nil
11	Sulphate	Mg/Litre	200	400	—
12	Sulphide	Mg/Litre	0.05	No relaxation	—
13	Dissolved Oxygen	Mg/Litre	—	—	—
14	COD	Mg/Litre	—	—	Nil
15	BOD	Mg/Litre	—	—	—
16	Coliform/100 ml	Number	Nil	Nil	—
17	E_coli/100 ml	Number	Nil	Nil	—

Remarks and Recommendations : All the tested parameters are within limit.

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 20-V - for info pl.

[Signature]
 JYOTHI ENGINEERING COLLEGE
 CHERUTHURUTHY, THRISSUR, PIN-679531
 TEL: 4884-259000, 274423 FAX: 04884-274777

[Signature]
 M. A. Cyriacus



Jyothi Engineering College

N A A C Accredited College with NBA Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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Water quality test result of Jyothi Engineering College

Date 5.3.2022

Sl no	Sampling point	pH	TDS micro siemens /cm	Turbidity NTU	Residual chlorine mg /litre
1	Boys hostel	7.1	184	0.1	0.2
2	Decennial hall purifier	7.0	182	0.00	00
3	CE dept purifier	7.1	184	0.00	00
4	Cooler -Adm block	7.1	185	0.1	00
5	MR - passage purifier	7.0	185	00	00
6	Ladies hostel	7.0	184	0.1	0.2

Remarks :All the tested parameters are within limit

A. Moomenkallian

[Signature]
5/3/22

Cyriac M.G
Lab in charge

*for display
to be displayed
on water meters
For Tk.*

True Copy Attested

emrns
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Chlorination maintenance

2020 January						2020 February					
Date	kg/gm	Time	Water Testing Date	Technician	Remarks	Date	kg/gm	Time	Water Testing Date	Technician	Remarks
1/1/20	1kg	9:30am		Crk		21/2/20	1kg	9:30am	3/2/20	Ranjith	
2/1/20		9:30am	18/1/20	Crk		22/2/20			3/2/20	Ranjith	
3/1/20		9:30am	1, all the	Rajith		23/2/20			4/2/20	Ranjith	
4/1/20			Tested	Rajith		24/2/20			4/2/20	Ranjith	
5/1/20			Concrete's	Rajith		25/2/20			4/2/20	Ranjith	
6/1/20			old within	Rajith		26/2/20			4/2/20	Ranjith	
7/1/20			Level	Rajith		27/2/20			4/2/20	Ranjith	
8/1/20			2 absence of	Rajith		28/2/20			4/2/20	Ranjith	
9/1/20			cellar and depth	Rajith		29/2/20			4/2/20	Ranjith	
10/1/20			to need	Rajith		30/2/20			4/2/20	Ranjith	
11/1/20			take rain	Ranjith		31/2/20			4/2/20	Ranjith	
12/1/20			rainfall	Ranjith		1/3/20			4/2/20	Ranjith	
13/1/20				Ranjith		2/3/20			4/2/20	Ranjith	
14/1/20				Ranjith		3/3/20			4/2/20	Ranjith	
15/1/20				Ranjith		4/3/20			4/2/20	Ranjith	
16/1/20				Rajith		5/3/20			4/2/20	Ranjith	
17/1/20				Rajith		6/3/20			4/2/20	Ranjith	
18/1/20				Rajith		7/3/20			4/2/20	Ranjith	
19/1/20				Rajith		8/3/20			4/2/20	Ranjith	
20/1/20				Rajith		9/3/20			4/2/20	Ranjith	
21/1/20				Rajith		10/3/20			4/2/20	Ranjith	
22/1/20				Rajith		11/3/20			4/2/20	Ranjith	
23/1/20				Rajith		12/3/20			4/2/20	Ranjith	
24/1/20				Rajith		13/3/20			4/2/20	Ranjith	
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27/1/20				Rajith		16/3/20			4/2/20	Ranjith	
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31/1/20				Rajith		20/3/20			4/2/20	Ranjith	
1/2/20				Rajith		21/3/20			4/2/20	Ranjith	
2/2/20				Rajith		22/3/20			4/2/20	Ranjith	
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16/2/20				Rajith		5/4/20			4/2/20	Ranjith	
17/2/20				Rajith		6/4/20			4/2/20	Ranjith	
18/2/20				Rajith		7/4/20			4/2/20	Ranjith	
19/2/20				Rajith		8/4/20			4/2/20	Ranjith	
20/2/20				Rajith		9/4/20			4/2/20	Ranjith	
21/2/20				Rajith		10/4/20			4/2/20	Ranjith	
22/2/20				Rajith		11/4/20			4/2/20	Ranjith	
23/2/20				Rajith		12/4/20			4/2/20	Ranjith	
24/2/20				Rajith		13/4/20			4/2/20	Ranjith	
25/2/20				Rajith		14/4/20			4/2/20	Ranjith	
26/2/20				Rajith		15/4/20			4/2/20	Ranjith	
27/2/20				Rajith		16/4/20			4/2/20	Ranjith	
28/2/20				Rajith		17/4/20			4/2/20	Ranjith	
29/2/20				Rajith		18/4/20			4/2/20	Ranjith	
30/2/20				Rajith		19/4/20			4/2/20	Ranjith	
31/2/20				Rajith		20/4/20			4/2/20	Ranjith	

amara

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Sl. No.	Remarks	Date	Signature	Signature
34		27/9/19	Crk	VLS
35		6/10/19	Ranjith	VLS
36		13/10/19	Crk	VLS
37		20/10/19	Crk	VLS
38		27/10/19	Ranjith Crk	VLS
39		3/11/19	Ranjith	VLS
40		10/11/19	Crk	VLS
41	Filter changed	17/11/19	Ranjith	VLS
42		24/11/19	Crk	VLS
43		1/12/19	Ranjith	VLS
44		8/12/19	Ranjith	VLS
45		15/12/19	Ranjith	VLS
46		22/12/19	Ranjith	VLS
47		29/12/19	Ranjith	VLS
48		5/12/20	Ranjith	VLS
49		12/12/20	Ranjith	VLS
50		19/1/20	Ranjith	VLS
51		26/1/20	Ranjith	VLS
52		2/2/20	Ranjith	VLS
53	Filter all checked	10/2/20	Ranjith	VLS
54		16/2/20	Ranjith	VLS
55		22/2/20	Ranjith	VLS
56		29/2/20	Tanuj Arunwindh	VLS
57		7/3/20	Tanuj Arunwindh	VLS
58		14/3/20	Arunwindh	VLS
59		18/5/20	Arunwindh	VLS
60		30/5/20	Ann	VLS
61		6/6/20	Ann	VLS
62		13/6/20	Ranjith	VLS
63		20/6/20	Ranjith	VLS
64		27/6/20	Ranjith	VLS
65		4/7/20	Arunwindh	VLS
66	Filter cleared	11/7/20	Arunwindh	VLS
67		18/7/20	Arunwindh	VLS
68		25/7/20	Arunwindh	VLS
69			Arunwindh	VLS

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