



ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ(೦.), ಶಿವಮೊಗ್ಗ

National Education Society(R.) Shivamogga



Jawaharlal Nehru New College of Engineering(JNNCE), Shivamogga

ಜವಾಹರ್‌ಲಾಲ್ ನೆಹರು ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ಶಿವಮೊಗ್ಗ

Approved by A.I.C.T.E. New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC - 'B', NBA Accredited UG Programs: CE, ME, EEE, ECE, CSE, ISC, ETE for the period: 01.07.2019 to 30.06.2022, Recognised by Govt. of Karnataka and Affiliated to VTU, Belagavi

Ref. No: JNNCE/NES/HR/166/2022-23

Date: 28/06/2022

**ORDER**

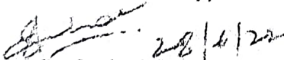
Sub: Operation and Maintenance of campus Sewage Treatment Plant (STP)

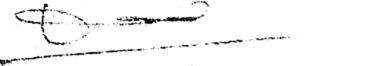
Ref: 1) The quotation received from vendor Ref. No. EEC /OM /930-A /05 /2022-23, Dated 27/05/2022

2) Approval of the Secretary NES, Shimoga, Dated:22/06/2022

With references cited, we by the direction of the NES management place order on you to operate and maintain the campus Sewage Treatment Plant (STP) from 1<sup>st</sup> July 2022. As per your quotation, Rs 17,700 per month (15,000 plus 18% GST) is fixed for undertaking the work. The following functions are expected from you.

1. Operate and maintain STP throughout the day (24x7) to meet the discharge standards as prescribed by KSPCB.
2. Maintain the electrical and mechanical components of STP such as the pumps, diffusers, air blowers, control panel and other related accessories.
3. Analysis of the STP treated water from NABL/MOLF approved lab, as per standard prescribed by Karnataka State Pollution Control Board.
4. Maintain a proper logbook at the site for maintaining records of wastewater quality parameters such as BOD, COD, TSS, TS, F/M ratio, SVI, MLSS, inflow etc.
5. Arrange frequent visits by the supervisor for monitoring and addressing issues pertaining to the STP.
6. Supervise two STP operators appointed by JNNCE and make suitable arrangements for relieving them on holidays.
7. Spare parts and Consumables required for STP will either be brought and handed over to you or it shall be chargeable at actual cost and their bills shall be submitted for reimbursement. However, prior permission from concerned authorities shall be obtained regarding the same.
8. Reimbursement of bills for the actual charges related to the breakdown of pump, rewinding etc. shall made after approval from the concerned authorities.

  
Dr. Sugghosh P

  
Principal

Jawaharlal Nehru New  
College of Engineering (JNNCE)  
Shivamogga

To

Mr. Harsha  
Encincture Engineering & Consultants,  
No 11, 2nd Floor, 6th main,  
Opp. to Om Sai Vidyamandir,  
Srinivas Nagar, Sunkadkatte,  
Bangalore-560091.

ನವುಲೆ, ಶಿವಮೊಗ್ಗ - 577 204, ಕರ್ನಾಟಕ

Navule, Shivamogga - 577 204, Karnataka

E - mail : principal@jnnce.ac.in Website : www.jnnce.ac.in

☎ : 08182 - 276707 / 08 / 09, 270450, 268800 / 1, Fax : 08182 - 222450

Date: 29-07-2022

To,  
The Principal  
JNNCE  
Shivamogga

Dear Sir,

Subject: Regarding the approval of bill pertaining to Operation and Maintenance of campus Sewage Treatment Plant (STP) by Encincture Engineering and Consultants.

Encincture Engineering and Consultants are supervising the Operation and Maintenance work of the campus Sewage Treatment Plant (STP) from July 01, 2022. The approval and work order for the above work is enclosed in Annexure 1 and 2 respectively.


Please find attached herewith the bill of Rs 17,700/- for the month of July (Annexure 3) along with the PAN details of the vendor.

The performance of the STP is found to be satisfactory and hence requesting you to approve the bill for the month of July 2022.

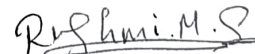
Annexure:

1. Approval Letter from NES management
2. Work Order copy
3. Vendor Quotation
4. Vendor PAN

Thanking You,

  
29/7/2022

Dr. Sugosh P  
Associate Professor,  
Dept of Civil Engg.,  
JNNCE Shimoga

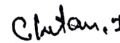
  
Ms. Rashmi M S

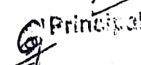
STP supervisor

JNNCE Shimoga

**NES - JNNCE**

Budget Code ..... 4702 .....  
Expense Head ..... 5,00,000/- .....  
Opening Balance ..... 4,83,555/- .....  
Billing Amount ..... 17,700/- .....  
Closing Balance ..... 4,65,855/- .....

  
Chidan  
Head

  
Principal

From,

Date:03/03/2023

Rashmi M S

STP Supervisor, JNNCE, Shimoga.

To,

The Principal

JNNCE, Shimoga.

NES/DCM/4995/22-23 Dt: 11/3/23

Through: Chief Maintenance Engineer, NES, Shimoga.

Respected sir,

Subject: To take permission for servicing of blowers of campus Sewage treatment plant(STP).

With reference to the above subject there are two blowers in STP working on shift basis, there is oil leakage which may effect microbial load in aeration tank and unwanted sound is releasing from the blowers, Since these needs to be serviced, kindly give permission.

SL. No.	Particulars	Cost(Approximate)	Justification
1.	Blower No. 1	25000/-	There is oil leakage and unwanted sound is releasing from blower, Periodic servicing of blowers are required to assure proper functioning of STP.
2.	Blower No. 2	25000/-	

servicing of blowers needed since, they are not operating at their optimum level, five years back service is done and oil leakage

Thanking you.

*Rashmi M. S*

Yours Faithfully

*M. V. V. K. B. Coordinator & Motor maintenance*  
*Shelhan*  
6/3/23

Forwarded to The Principal for kind approval.

*Er. Mohamed Ibrahim.N*  
06/03/23

**Er. Mohamed Ibrahim.N**  
M.Tech (Structures), MISTE, MIE, Chartered Engineer (India)  
Chief Maintenance Engineer  
National Education Society, Shivamogga.

Forwarded to the Honorable Secretary, NES for necessary approval

*Principal*

10.7.27

Service of Blower

Chetan J

**CHETAN.J.** Diploma., B.E. Civil

Chief Maintenance Engineer

JNNCE, Shimoga.

Appd

*Er. Mohamed Ibrahim.N*  
06/03/23

TAX INVOICE CASH/CREDIT

Date: 9.3.23

ಗಿರಿಮಾಜಿ ಅಂಡ್ ಸನ್ಸ್ (ELE.), ಎನ್.ಟಿ. ರಸ್ತೆ ಕ್ರಾಸ್, ಶಿವಮೊಗ್ಗ  
**GIRIMAJI & SONS (ELE.)**  
 Road Cross, SHIVAMOGGA - 577 202  
 8182-278533 GSTIN: 29AABFN8748H1ZT

M/s. Principal J.N.N.C.E.  
(STP) Shimoga  
 GSTIN: .....

PARTICULARS	CGST...%	SGST...%	AMOUNT
3.0 H.P. Kimplaskar Descontaining Pump			48,000.00
SNO:- E23WPY000168			8640.00
GST. 18%	4320	4320	56,640.00
E.&OE.			Grand Total

For N.S. GIRIMAJI & SONS (ELE.)  
 Fifty six thousand six hundred and twenty four only. Ramesh 9008490006 Smitha N

NO: NES/4289/22-23 D: 24/01/23  
 Total Amount Rs. 48000 + 18%  
 Approved on 24/1/23  
 Principal approved on 25/01/23

Rajmi. M. S  
 STP Supervisor  
 J.N.N.C.E., Shimoga.

W. W. C. P.  
 Secretary  
 National Education Society (R)  
 Shivamogga.

forwarded  
 18/1/23  
 Forwarded to the Secretary for needful action.  
 Secretary National Education Society (R) SHIVAMOGGA. D: 15/6/2022  
 Forwarded to the Honorable Secretary, NES for necessary approval. Ad enhanced CRT  
 Principal 18.1.23  
 23/1/23



To:  
The Principal  
JNNCE  
Shimoga

Date: 16/03/2023

Respected sir,

Subject: Regarding the approval of bill pertaining to purchase of new 3HP submersible motor pump of Campus Sewage Treatment Plant (STP).

With respect to the above subject we have taken permission to buy new submersible motor pump for STP cost of 48000/- and 18% GST(8640/-), Now N.S. Girimaji & SONS (ELE.) delivered the motor pump successfully and kindly approve the bill attached with this letter total cost is 56640/-.

permission/Approval Rs. 48000 + GST 18% i.e. 56640  
Billing Utilised by 56640

Annexure:

1. Approval letter
2. purchasing bill

Bill Rs. 0

*[Signature]*  
T. Alex  
16/3/23

Thanking you.

*[Signature]*  
Mr. Chethan S.G  
Assistant Professor  
Dept. of Chemistry  
JNNCE, Shimoga

*[Signature]*  
Mrs. Rashmi M S  
STP Supervisor  
Dept. of Civil  
JNNCE, Shimoga

3HP submersible motor pump of Campus Sewage Treatment plant is supplied by N.S. Girimaji & Sons (ELE) Shimoga. Request you to grant permission for final

bill Payment *[Signature]* [Dr. Veeresha. K.B]  
co-ordinator  
Motor & Pump Maintenance

*[Signature]*  
9/3/23

*[Signature]*  
20/03/23

ACCOUNT  
*[Signature]*  
23/3/23  
Principal  
Jawaharal Nehru New  
College of Engineering (JNNCE)  
Shimoga

From,

Date:04/05/2023

Rashmi M S

STP Supervisor, JNNCE, Shimoga.

To,

The Principal

JNNCE, Shimoga.

Through: Chief Maintenance Engineer, NES, Shimoga.

Respected sir,

**Subject:** Payment of bill pertaining servicing of air blowers of campus Sewage treatment plant(STP).

With reference to the above subject we have taken permission for servicing of two air blowers of STP for 50000/-. Now the total cost of blower service is 64,900/- 5000 extra for Lathe work and 18% GST . Requesting you to kindly approve the bill attached with this letter. The details of work carried out is as follows:

Sl. No.	Description	Quantity	Rate	Amount
1.	Air Blower servicing Drive & bearing, Gear & bearing, Shaft seal, Oil tank gasket, Gear box oil, Handling and servicing	2	25,000	50,000
2.	Lathe work Thread replacement, Bush, Check nut and bolt, oil inlet and outlet lathe work	2	2,500	5000

Further details of cost for each work is attached with this letter along with bill.

Total Rs.  
64900.

Thanking you.

*Shelhan*  
04/5/23  
@ P/CS

*Rashmi M.S*  
Yours faithfully

Blowers service done  
both working fine  
Amount may be paid  
and  
9/5/23  
(Dr. Veerasha K.D)

*Verified*  
*M/S*  
24/05/23

Forwarded to the Honorable Secretary,  
NES for necessary approval

*Principal*  
22/5/23





# SLN TESTING LABORATORY



Recognized by : MOEF & CC and An ISO 9001 : 2015  
and OHSAS Certified Laboratory

# 15, Premnagar, Pipeline Road, Laggere, Bangalore - 560 058.

Mob. : 9844086162, 9538888098, E-mail : slntestinglaboratory@gmail.com, Web : www.slnlabs.com

## TEST REPORT

Page No. 1 of 1

Report No : SLNTL220070056	Report Date : 02/08/2022
Issued To: M/s. Jawaharlal Nehru National College of Engineering Savalanga Road, Navule, Shivamogga, Karnataka- 577204.	Customer Reference : Verbal
	Date of Receipt : 29/07/2022
	Date of test start : 29/07/2022
	Date of Completion of test : 02/08/2022
Sample Received By: Customer	Sample Particulars : STP Treated Water

Sl. No	Parameters	Test Method	Units	Results	KSPCB Standard
01	pH Value	IS:3025/Part-11	---	7.03	6.5 - 9.0
02	Total Suspended Solids	IS:3025/Part-17	mg/L	7.0	20 Max
03	Biochemical Oxygen Demand (3days@27°C)	IS:3025/Part-44	mg/L	5.6	10 Max
04	Chemical Oxygen Demand	IS:3025/Part-58	mg/L	38.0	50 Max
05	Total Nitrogen	IS:3025/Part-34	mg/L	6.9	10 Max
06	Ammonical Nitrogen	IS:3025/Part-34	mg/L	1.6	5 Max
07	Fecal Coliform	IS 1622-1981	MPN/100ml	40	100 Max

Inference: As per KSPCB Standards, The above tested results are within the standards.

\*\*\*\*\*End of the Report\*\*\*\*\*

KP  
20.8.22  
Principal  
Jawaharlal Nehru New  
College of Engineering (JNCE)  
Shivamogga



- Note : 1. The results listed pertain only to the tested samples and applicable parameters.  
2. Samples will be destroyed after 15 days from the date of issue of test certificates unless & otherwise specified and all perishable samples will be destroyed immediately after tests conducted.  
3. This report is not be reproduced either wholly or in part and can not be used an evidence in the count of law





# MOTHER EARTH ENVIRON TECH PRIVATE LIMITED

Corporate Identity Number : U93000KA2011PTC059184 Incorporated Under Companies Act 1956  
A Division of Chaitra Group-An Integrated Management System Certified Company



MEEPL/GF/LAB-022

## LABORATORY Analysis Report of Wastewater

Date: 26.06.2023

Report No: MEEPL/LAB/23-24/CMS-086

Sample Received from : Jawaharlal Nehru National College of Engineering  
Savalanga Road, Navule, Shivamogga,  
Karnataka-577204.

Sample ID : MEEPL/LAB/23-24/CMS-109

Sample Description : STP Treated Water

Received Date : 22.06.2023

Received By : Mr. Nagaraj

Analysis Start Date : 22.06.2023

Analysis End Date : 28.06.2023

S. No.	Test	Method	Units	Result	KSPCB Limits
1	pH	APHA 23rd Ed., 4500 H+ B (2017)	-	7.34	6.5-9.0
2	Total Suspended Solids	APHA 23rd Ed.; 2540 D (2017)	mg/L	12.0	<20
3	Biochemical Oxygen Demand 3 Days at 27°C	IS: 3025 (Part 44), (1993)	mg/L	4.0	<10
4	Chemical Oxygen Demand	APHA 23rd Ed.5220 B, (2017)	mg/L	41.7	<50
5	Ammoniacal Nitrogen	APHA 23rd Ed.; 4500 NH3 B, C, (2017)	mg/L	3.22	<5

BDL - Below Detection Limit,


IS - Indian Standard


APHA -Standard methods for the examination of water and waste water, 23rd Edition, 2017,

Note:

- Reports pertained only to the submitted sample
- Test reports shall not be reproduced without permission of the laboratory
- Any correction invalidates this test report

\*\*\*End of Report\*\*\*

  
Suresh Kumara K M  
Asst. Manager  
Laboratory

  
Authorized Signatory  
Vinod Kumar Yeleti  
Head-Laboratory



Page 1 of 1

Quality Management System-ISO 9001:2015  
Environmental Management System - ISO 14001:2015  
Occupational Health and Safety Management System- ISO 45001:2018  
An NABL (ISO/IEC 17025:2017) Accredited Laboratory  
Recognised By Ministry of Environment, Forests and Climate Change

Ph. No.: 7338464597, 8088900898  
Website: motherearthenvirom.com  
E-mail: lab@motherearthenvirom.com  
motherearthenvirotech@gmail.com

Lab Site : Plot No.217, II Phase, KIADB Industrial Area, Harohalli, Kanakapura Tq, Ramanagara Dist, Karnataka-562112.



# MOTHER EARTH ENVIRON TECH PRIVATE LIMITED

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Reg. No.: RT91/10468

MEEPL/GF/LAB-022

## LABORATORY Analysis Report of Wastewater

Date: 26.06.2023

Report No: MEEPL/LAB/23-24/CMS-086

Sample Received from : Jawaharlal Nehru National College of Engineering  
Savalanga Road, Navule, Shivamogga,  
Karnataka-577204.

Sample ID : MEEPL/LAB/23-24/CMS-109

Sample Description : STP Treated Water

Received Date : 22.06.2023

Received By : Mr. Nagaraj

Analysis Start Date : 22.06.2023

Analysis End Date : 28.06.2023

S. No.	Test	Method	Units	Result	KSPCB Limits
1	Total Nitrogen	IS 3025(Part 34): 1988: 2014.	mg/L	8.0	<10
2	Faecal Coliform	IS 1622: 1981: RA 2019	MPN/100ml	29.0	<100

BDL - Below Detection Limit,

IS - Indian Standard

APHA -Standard methods for the examination of water and waste water, 23rd Edition, 2017,

Note:

- This Test Report is Continuation to the Report No.: MEEPL/LAB/23-24/CMS-086
- Reports pertained only to the submitted sample
- Test reports shall not be reproduced without permission of the laboratory
- Any correction invalidates this test report

*R. S. M. S.*

\*\*\*End of Report\*\*\*

*Suresh*  
Suresh Kumara K M  
Asst. Manager  
Laboratory

*Vinod*  
Authorized Signatory  
Vinod Kumar Yeleti  
Head-Laboratory

Page 1 of 1



Management System-ISO 9001:2015  
Environmental Management System - ISO 14001:2015  
Occupational Health and Safety Management System- ISO 45001:2018  
Accredited Laboratory  
Recognised By Ministry of Environment, Forests and Climate Change

Ph. No.: 7338464597, 8088900898  
Website: [motherearthenvirom.com](http://motherearthenvirom.com)  
E-mail: [lab@motherearthenvirom.com](mailto:lab@motherearthenvirom.com)  
[motherearthenviromtech@gmail.com](mailto:motherearthenviromtech@gmail.com)





To:  
The Principal  
JNNCE  
Shimoga

Date: 07/07/2023

Respected sir,


Subject: Regarding the approval of bill pertaining to Operation and Maintenance of Campus Sewage Treatment Plant (STP) by Encinture Engineering and Consultants.

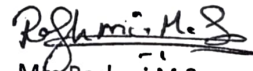
Encinture Engineering and Consultants are supervising the operation and maintenance work of the campus STP from July 01, 2022. The approval and work order for above work is enclosed with this letter.

Please find attached herewith the bill of Rs 17,700/- for the month of June (from 1/06/2023 to 30/6/2023) along with the PAN details of the vendor.

The performance of the STP is found to be satisfactory and hence requesting you to approve the bill for the month of April 2023.

Thanking you.

  
12/7/23  
Mr. Chethan S.G.  
Assistant Professor  
Dept. of Chemistry  
JNNCE, Shimoga

  
Mrs. Rashmi M.S.  
STP Supervisor  
Dept. of Civil  
JNNCE, Shimoga

permission Rs 17700  
Bill Rs 17700  
Bal Rs 0  
@  
T.A.C.S  
12/7/23.

NES - JNNCE  
Budget Code ..... 4702 .....  
Expense Head ..... 50000 .....  
Opening Balance ..... 28569 .....  
Billing Amount ..... 17700 .....  
Closing Balance ..... 10869 .....

PO  
A/c  
12/7/23





28  
13/2



