



# CANARA ENGINEERING COLLEGE

SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL TQ, D.K - 574219



Date: 16/02/2026

From,

Prajwal Tellis  
Resident Engineer  
Canara Engineering College,  
Benjanapadav.

TO PA/Res Eng.  
OR  
WO/CEC/ce.

To,

Principal  
Canara Engineering College  
Benjanapadav

Through,

Dean  
Administration  
Canara Engineering College  
Benjanapadav

Respected Sir,

Sub: Approval Request for college Annual Transformer Service Work

I would like to inform you that the annual service of the college transformer is due. The scope of work includes oil filtration, dielectric strength testing, earth resistance testing, inspection of HV and LV bushings, checking of oil seals and gaskets, oil top-up, leakage arrest, and necessary painting work. Oil leakages have been observed in the transformer, which require immediate attention. As per statutory requirements, the service reports must be submitted to the Inspectorate Office through a Class I Licensed Electrical Contractor.

In view of the above, I kindly request your approval to proceed with the annual transformer service and associated works at the earliest to ensure safe and compliant operation.

Estimated cost -

80181/-

Thanking you,

Yours Sincerely

P. Tellis  
16/2/26

Enclosure:

1. Quotation, from two different Vendors.
2. Periodical Inspection report by Electrical Inspector
3. Last year service bill copy
4. Transformer image

forwarded for approval  
Anil Kumar  
2

last year's 112336/-  
approval. WO may be approved  
13/2/26



# CANARA ENGINEERING COLLEGE

SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL TQ, D.K - 574219



16/02/2026

Location: College Transformer Annual Maintenance work

Sl no.	Description	Qty	Veena Electricals -Mulki		
			2025 rates	2026 rates	
1	Oil Filtration With Bdv Test	1 no.	7000	9000	
2	New silica gel breather	1 no.	950	950	
3	Overall leakage arresting charges including material and labour	1 no.	5000	5000	
4	Earth resistance testing & test reports	8 no.	2000	2000	
5	315KVA transformer OLTC carbon cleaning ,oil flushing charges including filtration ,gasket set & labour charges	1 no.	4000	4000	
6	Replacement of new oil of OLTC tank	100 ltr	155/LTR	160/LTR	16000
7	TOP UP new OIL for transformer tank	100 ltr	155/ltr	160/ltr	16000
8	Replacement of LV and HV bushing including oil seal & gasket set	7 no.	8000	8000	
9	Transportation charges	ls	2000	2000	
10	Cleaning painting outside the transformer tank with enamel ad gray paint including material and labor charges	ls		5000	
Total				67950	
Total After Gst 18%				80181	

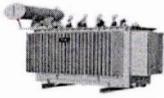
The Quoted rates are the same as last yr only the oil & BDV Test work lots have slightly increased. due to higher material prices.

For the past 5 yrs, the vendor has been attending service promptly & Responds quickly whenever Breakdown work arises

*P. Suresh*

16/2/26

Resident Engineer  
CANARA ENGINEERING COLLEGE  
Sudhindra Nagara, Benjanapadavu  
Bantwal Taluk, D.K. - 574 219



REF: VES-219/2025-26

Date: 16-02-2026

To,

Canara Engineering College  
Benjanapadavu

**Sub: Quotation for 315 KVA Transformer Servicing**

**With Reference To The Above Please Find Below Our Best offer**

Sl No.	Particulars	Qty	Rate in Rs	Amount in Rs
1	Transformer Oil top up (160/- per LTR)	100Ltr (Appox)	160.00	16,000.00
2	Replacement of OLTC oil	100Ltr (Appox)	160.00	16,000.00
3	Supply of New silica gel breather with container	1	950.00	950.00
4	Transformer Oil Filtration Charges with BDV testing charges	1	9,000.00	9,000.00
5	Overall leakage arresting charges including material and labour	1	5,000.00	5,000.00
6	Earth resistance testing & test report charges	8	250.00	2,000.00
7	OLTC servicing, contact cleaning & carbon oil flushing charges including filtration with labour charges	1	4,000.00	4,000.00
8	Replacement of LV&HV Bushing including oil seal & gasket set(LV 4 no's & HV 3 no's)	7 No's	8,000.00	8,000.00
9	Cleaning painting outside the transformer tank with Enamel ad gray paint including cost of material and labour charges	1	5,000.00	5,000.00
10	Transportation charges	-	2,000.00	2,000.00
<b>TOTAL</b>				<b>67,950.00</b>

**Note :** MESCOM POWER SHUT DOWN MUST BE ARRANGED BY CONSUMER AT THE TIME OF FILTRATION.

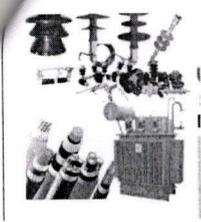
Contact No: 9945920217

**Terms and Conditions:**

- 1) GST 18% applicable on total bill
- 2) If there is any additional work extra charges applicable
- 3) Validity of Quotation-07 days
- 4) Generator Power Supply of 63KVA to run the Filtering the machine must be arranged by Consumer.

Assuring You of Our Best Service At All Times  
Thanking You

GSTIN NUMBER	29AKTPP8729Q1ZN
BANK NAME	INDIAN OVERSEAS BANK
A/C NUMBER	37233300000025
IFSC CODE	IOBA0003723
BRANCH	KOLNAD



# VIBRATIONS DISTRIBUTORS

SUPPLIER OF ALL TYPES OF ELECTRICAL HT&LT LINE MATERIAL  
Shop no 8, Ground Floor, Vaishnavi Apartment , Dongarkery, Mangalore

REF: -047/2025-26

Date: 17-02-2026

To,  
**Canara Engineering College**  
**Benjanapadavu**

**Sub: Quotation for 315KVA Transformer Servicing**

SI No.	Particulars	Qty	Rate in Rs	Amount
1	Transformer Oil Filtration Charges with BDV testing charges	1	10,000.00	10,000.00
2	Supply of New silica gel breather with container	1	1,100.00	1,100.00
3	Transformer Oil top up(175/- per ltr)	100Ltr (approx)	175.00	17,500.00
4	OLTC oil Replacement	100Ltr (Appox)	175.00	17,500.00
5	Earth resistance testing & test report charges	8	500.00	4,000.00
6	leakage arresting charges including material and labour	1	5,500.00	5,500.00
7	Replacement of LV&HV Bushing (LV 4 no's & HV 3 no's)	7 No's	10,000.00	10,000.00
8	OLTC servicing charges including filtration with labour charges	1	5,000.00	5,000.00
9	Transformer Cleaning painting including cost of material and labour charges	1	6,000.00	6,000.00
10	Transportation charges	-	3,000.00	3,000.00
			<b>Total</b>	<b>79,600.00</b>
			<b>Gst@18%</b>	<b>14,328.00</b>
			<b>Grand Total</b>	<b>93,928.00</b>

**Terms and Conditions:**

- 1) **Payment : 50% payment should be made as advance after purchase order. balance after against tax invoice**
- 2) If there is any additional work extra charges applicable
- 3) **GST 18% Inclusive**
- 4) Validity of Quotation-07days



# CANARA ENGINEERING COLLEGE

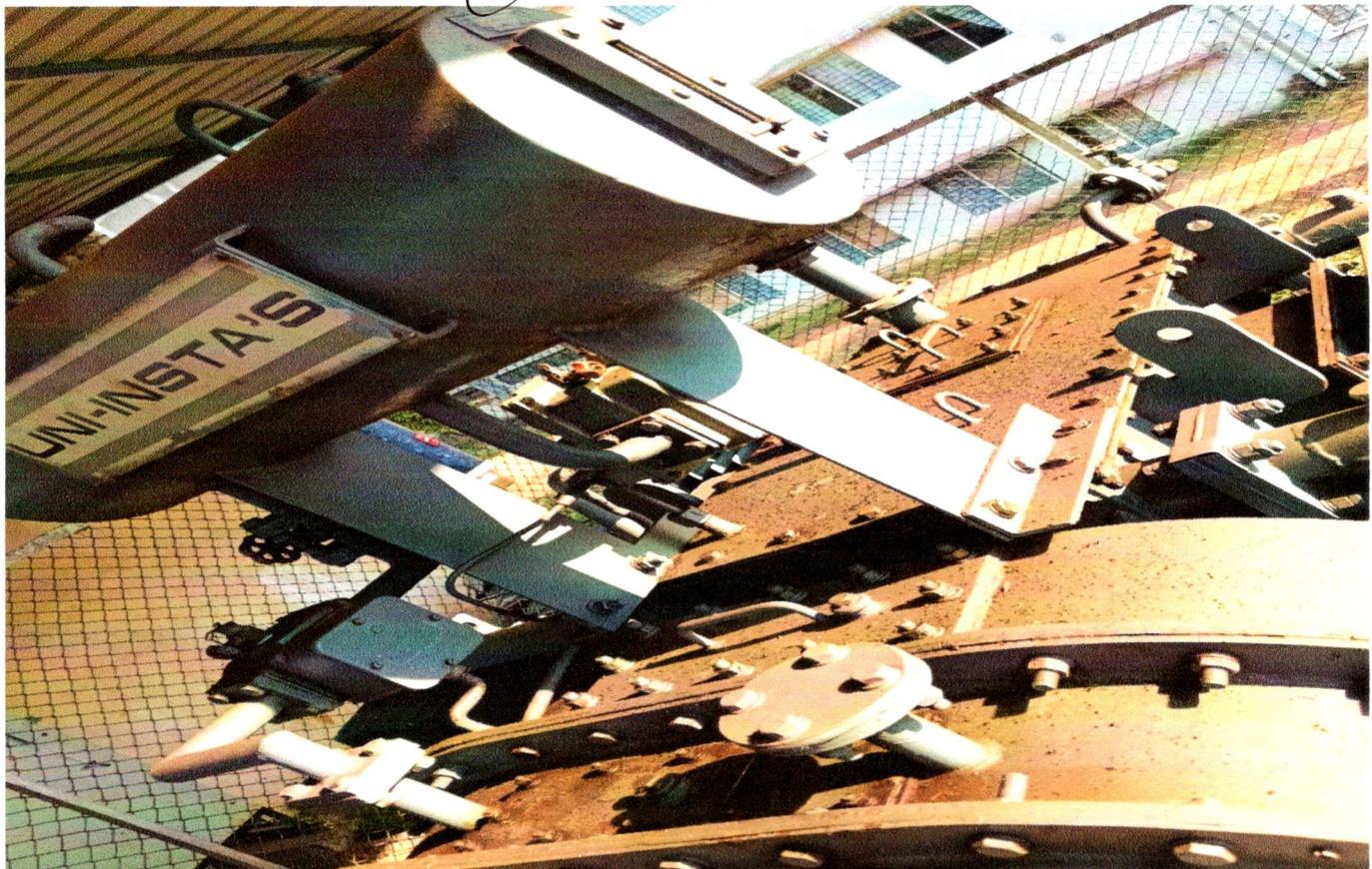
SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL TQ, D.K - 574219



## College 315KVA Transformer



① Painting required  
② Oil leakage arresting required





GOVERNMENT OF KARNATAKA  
(Electrical Inspectorate)

Phone No: 9740599824/ 0824-2454970.  
Email: elinratemng@gmail.com

No. ACEI/EI/MNG/ /2025-26

8818

Electrical Inspector,  
Office of Addl Chief Electrical Inspector,  
"Canara Towers Building", 3 rd Floor,  
Kottara Chowki, Mangalore-06.  
Date: 02/02/2026

To,  
M/s Canara Engineering College, (College Block)  
Benjanpadavu, Bantwala Taluk, Dakshina Kannada District



Sir/Madam,

Sub: Periodical inspection of (HTBTL 15) 315 KVA HT Substation and 250+125 KVA DG SETS,  
140+60 KWP SRTP, 2 LIFTS for the year 2025-26 at the above said premises.

\*\*\*\*\*

With reference to the above subject, the above said installation has been inspected by the undersigned and found to be not fully in conformity with CEA (MRS & ES) Regulations 2023/Karnataka Lifts, Escalators & Passenger Conveyors Acts 2012/2015. You are therefore, requested to get the following Observations should be got rectified only through Class I Licensed Electrical Contractor/Lift Agency and their item-wise compliance reports & Test reports thereon should be sent to this office within 15 days of this letter, failing which your installation will be liable for disconnection as per CEA (MRS & ES) Regulations 2023.

*It was write to inform that as per CEA (MRS & ES) Regulations 2023, it shall be the prime responsibility of the owner to maintain the electrical installation in a condition free from danger.*

OBSERVATIONS

GENERAL

1. List of Authorized persons/ Electrical Technicians employed for day to day electrical operation shall possess Supervisor/Wiremen permits issued from this Department and their permits to be displayed at main electrical room and a copy shall be furnished to this office for verification. (Reg-3 CEA,2023)
2. Earth Fault Loop Impedance test shall be measured and furnish the results to this office. Earth Fault Loop Impedance test results shall be done to ensure the proper operation of Protective devices. (Reg: 43 CEA,2023).
3. Earth resistance test of all the earth electrodes pertaining to Transformer/Diesel Generator shall be measured and furnish the results to this office. (Reg: 14 & 50 CEA,2023).

10 Res EAP  
Hr

Dear Administrator  
Ne  
02/02/26

## DIESEL GENERATOR

23. *It was noticed that, the monthly returns of the generation in Form 'G' had not been receiving from your firm. This is a clear violation of Section 5 of Karnataka Electricity Taxation on Consumption or Sale Rules 2014. Consequently, you will be liable to pay the penalty for non-submission of Form G.*
24. Calibration certificates of the DG Set's Energy Meter & Current Transformer shall be furnished.
25. Generator Log book shall be maintained duly recording generated units and the register shall be furnished during the time of inspection by the inspecting authorities
26. All the earthing strips shall be embedded inside the ground/Rubber sleeves shall be provided for the earthing strips.
27. All the Earth pits of Diesel Generator are not traceable; the same shall be traced, reconditioned, labeled and maintained as per IS 3043/2018. (Reg: 50, CEA,2023).
28. ***As per the, Karnataka Electricity Taxation on Consumption or Sale Rules 2014, your firm is liable for the payment of the electricity Tax, as which the installed capacity of the Diesel Generators and SRTPV exceeds the 500 KVA. Therefore, you are requested to pay the (20 paise per unit+ Interest) electricity tax on captive for the generated units correspondingly.***
29. Agreement shall be made with lift manufacturer company for the maintenance of the lift and the copy of same shall forwarded to this office (LIFT Rules,2015)
30. Trained lift operator details and its training certificate Form F copy shall be furnished (LIFT Rules,2015).
31. Buffer Test, Governor & Safety Test , Standby Power operation test, Electrical protective device test, Overload Test, ARD Tests shall be carried out through your registered Lift Agency, and the same reports shall be furnished. (LIFT Rules,2015).

Yours faithfully,

  
Electrical Inspector,

Mangalore.  
**ELECTRICAL INSPECTOR**  
**MANGALORE**

250 KVA : EMR: 03369.51

125 KVA : EMR: 03302.4

4. Insulation resistance test values of generators, cables & LT panels shall be measured, recorded in a register and same shall be furnished to this office for verification (Reg: 12, 33 & 34). Megger test results shall be done to ensure the total resistance between any two points separated by electrical insulation. (Reg: 14, CEA,2023).
5. Calibration reports of the CTs, relays and the circuit breakers shall be furnished.

#### **TRANSFORMER YARD**

6. Transformer oil shall be got tested to ensure the dielectric strength of oil and a copy of oil test reports shall be furnished to this office for verification (Reg: 14, CEA,2023).
7. All the UG Cables shall be laid as per IS 1255 and suitable route markers shall be provided for the UG cable at regular intervals.
8. Fire Buckets filled with clean dry sand and ready for immediate use for extinguishing fires, in addition to fire extinguishers suitable for dealing with fires shall be conspicuously marked and kept at convenient location. (Reg: 29, CEA,2023).
9. Cable size, Voltage class of the Incoming & Out going cables of the transformer shall be distinguishably marked. (Reg: 21, CEA,2023).
10. Silica gel shall be Blue in Colour. Silica gel in the Transformer breather shall be reactivated to ensure the effective absorption of moisture from the air and oil shall be provided in the breather oil seal cup to avoid the dust particles into the transformer. (Reg: 14, CEA,2023).
11. Greasing of the GOS blades shall be done for the easy operation and when the blades are operated to open fully which in turn adequate gap shall be ensured as not to allow any bird will short the gap and cause accidental charging (Reg: 14, CEA,2023).
12. All the cable trenches shall be filled with non-inflammable material and completely covered with non-inflammable slabs (Reg: 46, CEA,2023).
13. All the Earth pits of Transformer are not traceable; the same shall be traced, reconditioned, labeled and maintained as per IS 3043/2018. (Reg: 50, CEA,2023).
14. G.O.S handle shall be earthed effectively with flexible earth connectors and locking arrangement shall be provided (Reg: 21, CEA,2023).

#### **MAIN LT PANEL ROOM/SUB DISTRIBUTION PANELS**

15. All the non current carrying metal parts of switchgear and control panels shall be properly earthed and Appropriate insulated (660 V Electrical Graded) Rubber mats shall be spread in front and rear of the control/Metering/Circuit Breaker panels for the safety of operating working personnel (Reg: 21, CEA,2023).
16. All the Control panels shall be painted with the description of their identification at front and at the rear side. (Reg: 21, CEA,2023).
17. Earth leakage Relay (ELR) shall be provided in the main LT Panel to sense the leakage of current. (Reg: 14, CEA,2023).
18. Adequate training shall be given for the working staff in first aid treatment and fire fighting (Reg: 29, CEA,2023).
19. All the loose wires shall be removed or they shall be neatly dressed and carried through flexible conduits. (Reg: 14, CEA,2023).
20. Adequate precautions shall be taken to ensure that no live parts are so exposed as to cause danger (Reg: 37, CEA,2023).
21. Suitable rating of RCCB shall be provided for individual lighting circuits and air conditioning circuits (Reg: 44, CEA,2023).
22. Danger Board Notices shall be affixed permanently in conspicuous locations and Shaded Danger Board Notices shall be replaced (Reg: 20, CEA,2023).

Tax Invoice

*College* Annual Service  
 24-25

**VEENA ELECTRICALS & SERVICES**  
 No. 19-101/C,  
 Karnad Industrial Area, Mulky - Mangalore,  
 Dakshina Kannada, Karnataka - 574154  
 GSTIN/UIN: 29AKTPP8729Q1ZN  
 State Name : Karnataka, Code : 29  
 E-Mail : vemulky1@gmail.com  
 Consignee (Ship to)

Invoice No. **VES-147/2024-25**  
 Delivery Note  
 Reference No. & Date.  
 Buyer's Order No. **CEC/EM/VEENA ELECTRICALS/020/2025**  
 Dispatch Doc No.  
 Dispatched through  
 Bill of Lading/LR-RR No.  
 Terms of Delivery

Dated **26-Mar-25**  
 Mode/Terms of Payment  
 Other References  
 Dated **14-Mar-25**  
 Delivery Note Date  
 Destination  
**BENJANAPADAV**  
 Motor Vehicle No.  
**KA19AC7558**

**Canara Engineering College**  
 A Unit of Canara High School Association  
 Mangaluru, Kodialbail  
 GSTIN/UIN : 29AAAAC0920C1ZF  
 State Name : Karnataka, Code : 29  
 Buyer (Bill to)

**Canara Engineering College**  
 A Unit of Canara High School Association  
 Mangaluru, Kodialbail  
 GSTIN/UIN : 29AAAAC0920C1ZF  
 State Name : Karnataka, Code : 29

Sl No	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Amount
1	Transformer Oil 315kva Oil Top Up	2710	450.00 Ltrs	155.00	Ltrs	69,750.00 ✓
2	Silica Gel Breather	3907	1.00 Nos	950.00	Nos	950.00 ✓
	<b>Transformer Oil Filtration Charge</b> 998719 With Bdv Testing Charges					70,700.00 ✓
	<b>Transformer Servicing Charges</b> 998719 Overall Leakage Arresting Charges Including Material & Labour					7,000.00 ✓
	<b>OLTC Contact Carbon Cleaning &amp; Oil Servicing</b> 9987 Including Flushing with Oil Filtration, Gasket Set Total Material					5,000.00 ✓
	<b>Transformer Servicing Charges</b> 998719 Replacement of Hv Bushing Including Oil Seal & Gasket Set 3 No's					4,000.00 ✓
	<b>EART PIT TESTING &amp; REPORT CHARGES</b> 998719 Total 8 No's Per Pit 250/-Rs					4,500.00 ✓
	<b>TRANSPORTATION CHARGES RECEIVED @ 18% OUTPUT CGST @ 9%</b> 996511					2,000.00 ✓
				9 %		2,000.00 ✓
						8,568.00

continued to page number 2

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*Anten...*

*Yearly Service Verified Work Completed on 25/3/25*  
*28/3/25*

Power & Distribution Transformer



Details for earth resistance test results for: **CANARA ENGINEERING COLLEGE**, unit of canara high school association

MAKE: WACO

SERIAL NO:435065

TRANSFORMER SERIAL NO: 2001E3T072

no	equipment	Type of earth	Results in ohms
1	TR body earth-1	Copper rod	2.93Ω
2	TR body earth-2	Copper rod	2.66Ω
3	TR neutral earth-1	Copper rod	3.18Ω
4	TR neutral earth-2	Copper rod	3.96Ω
5	Cubical body earth-1	GI rod	4.15Ω
6	Cubical neutral earth-1	Copper rod	3.98Ω
7	GOS body earth-1	GI rod	4.03Ω

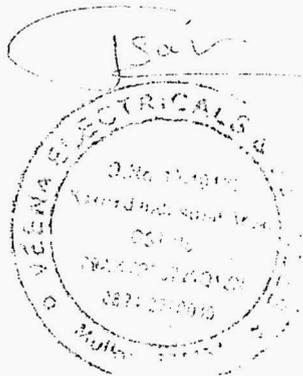
Result- All the Earth results found Satisfactory(below 5Ω)

TESTED BY

PREMNATH

VEENA ELECTRICALS&SERVICES

TESTED DATE- 24/03/2025



Plot No. 49 (Part) D No. 19-101 C Karnat Industrial Area MULKY Mangaluru - 574 154

Dakshina Kannada Dist Karnataka State ☎ 0824 - 2290080 / 92417 85252 E-mail vemulky1@gmail.com

**Tax Invoice (Page 2)**

**VEENA ELECTRICALS & SERVICES**

No. 19-101/C,  
Karnad Industrial Area, Mulky - Mangalore,  
Dakshina Kannada, Karnataka - 574154  
GSTIN/UIN: 29AKTPP8729Q1ZN  
State Name : Karnataka, Code : 29  
E-Mail : vemulky1@gmail.com  
Consignee (Ship to)

**Canara Engineering College**  
A Unit of Canara High School Association  
Mangaluru, Kodialbail  
GSTIN/UIN : 29AAAAC0920C1ZF  
State Name : Karnataka, Code : 29  
Buyer (Bill to)

**Canara Engineering College**  
A Unit of Canara High School Association  
Mangaluru, Kodialbail  
GSTIN/UIN : 29AAAAC0920C1ZF  
State Name : Karnataka, Code : 29

Invoice No.

**VES-147/2024-25**

Delivery Note

Dated

**26-Mar-25**

Mode/Terms of Payment

Reference No. & Date

Other References

Buyer's Order No.

Dated

CEC/EM/VEENA ELECTRICALS/020/2025

**14-Mar-25**

Dispatch Doc No.

Delivery Note Date

Dispatched through

Destination

Bill of Lading/LR-RR No.

**BENJANAPADAV**

Terms of Delivery

Motor Vehicle No.

**KA19AC7558**

SI No.	Description of Goods and Services	HSN/SAC	Quantity	Rate	per	Amount
	OUTPUT SGST@9%				9 %	8,568.00

Total

**₹ 1,12,336.00**  
E. & O.E

Amount Chargeable (in words)

**INR One Lakh Twelve Thousand Three Hundred Thirty Six Only**

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
2710	69,750.00	9%	6,277.50	9%	6,277.50	12,555.00
3907	950.00	9%	85.50	9%	85.50	171.00
998719	18,500.00	9%	1,665.00	9%	1,665.00	3,330.00
9987	4,000.00	9%	360.00	9%	360.00	720.00
996511	2,000.00	9%	180.00	9%	180.00	360.00
<b>Total</b>	<b>95,200.00</b>		<b>8,568.00</b>		<b>8,568.00</b>	<b>17,136.00</b>

Tax Amount (in words) : **INR Seventeen Thousand One Hundred Thirty Six Only**

Company's PAN

AKTPP8729Q

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details

Bank Name

Indian Overseas Bank (CC A/C)

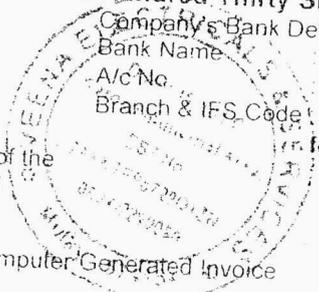
A/c No.

372333000000025

Branch & IFS Code

MULKI, KOLNAD & IOBA0003723

for VEENA ELECTRICALS & SERVICES



Authorized Signatory

This is a Computer Generated Invoice

# CANARA

ENGINEERING COLLEGE

owned & managed by

Canara High School Association, Mangaluru

(A Konkani Linguistic Minority Institution)

Affiliated to Visvesvaraya Technological University, Belagavi

NAAC Accreditation with CGPA 3.24

Approved by AICTE, New Delhi & Govt. of Karnataka



CEC/EM/Veena Electricals/020/2025

Date: 14-03-2025

To

M/s Veena Electricals & Services  
Mulky, Mangaluru – 574 154.

Sir,

**Sub:** work order for the Annual maintenance work of College Transformers at CEC.

**Ref: Quotation No: VES – 230/2024-25 dated 10.03.2025**

\*\*\*

With reference to your quotation no VES – 230/2024-25 dated 10.03.2025, we are pleased to place an order for the following:

Sl. No	Description of Item /Particulars	QTY	Amount in Rs.
1	Oil Filtration with BDV testing charges	1	7000.00
2	New Silica Gel Breather	1	950.00
3	Overall leakage arresting charges including material and labour	1	5000.00
4	Earth resistance testing & test reports	8	2000.00
5	315 KVA transformer OLTC carbon cleaning, oil flushing charges including filtration, gasket set & labour charges	1	4000.00
6	Replacement of new oil for Transformer	450L	69750.00
7	Replacement of LV and HV bushing including oil seal & gasket set	7 No	8000.00
8	Transportation charges		2000.00
<b>Total</b>			<b>98700.00</b>
GST 18%			17,766.00
<b>Grand Total</b>			<b>1,16,466.00</b>

## TERMS & CONDITIONS

1. GST: Included
2. Rates inclusive of materials, labour and transportation.
3. Payment: Against Bill raised, Checked & Scrutinized by the Engineer as per the actual work
4. Bill Should be in the name of CANARA ENGINEERING COLLEGE, a unit of Canara High School Association, Mangaluru GSTN Number 29AAAAC0920C1ZF.
5. After Completion of work the debris & materials to be cleared within 7 days.

Thanking you,

Yours's faithfully

**HON. SECRETARY**

Canara High School Association, Mangaluru

Jodumarga P.O., Sudhindra Nagar, Benjanapadavu - 574219 Bantwal Taluk, Dakshina Kannada, Karnataka

Contact: 8792727001, 8792736001 | e-mail: canarait@gmail.com | website: www.canaraengineering.in

Persistent Perseverance in Pursuit of Perfection