



UMA CHARAN PATNAIK ENGINEERING SCHOOL BERHAMPUR-760010
DIST:GANJAM (ODISHA)

(Under Govt. of Odisha, Skill Development & Technical Education Department)
Affiliated to AICTE & Admn. Control of Directorate of Technical Education & Training, Odisha, Cuttack
E-Mail: principalucpes@gmail.com, Phone No. 0680-2291826(0)



Quotation call Notice No. 190 Date 21.01.2025

Quotation for Scientific Laboratory Charts

Sealed quotations are invited from reputed supplier/firms/dealers having valid GST number for supply of scientific chart for different department at UCP Engg. School, Berhampur as per following details. The list of scientific charts (As per list enclosed) attached herewith to be supplied by the firm with customization as per requirement. A sample copy of a chart is also attached for reference. Interested firms are requested to submit sealed quotations as per following specifications in the address of Principal, UCP Engg. School, Berhampur, Ganjam through Registered post/speed post or by hand on or before 03.02.2025 at 11:00am super scribing on the sealed envelope" Quotation for Laboratory charts" and the quotations are to be opened on 03.02.2025 4:00 pm in the presence of intending bidders/suppliers, if they so like, in the chamber of principal. Other terms and conditions as per following.

SL. NO.	Name Item with specifications	Rate	GST	TOTAL COST
1	Printing of Laboratory Scientific charts of size 30"× 40" with both sides laminated along with cost of print(The chart details will be specified in the Annexure 1).			
2	Supply and fixing of wall hanging Laboratory Scientific charts of size 30"× 40" with 1" Fiber frame pasted on 8mm MDF Board along with clip for hanging on wall including cost of material . (The chart details will be specified in the Annexure 1)			

Terms & Conditions: -

1. Quotations are to be clearly typed without correction and should be sent by Registered post/Speed post/By Hand to undersigned within the time.


2. The rate and tax if any should mention separately and delivery of items to be made at main store of the institution. The validity of quotation is atleast six months from i.e. the last date of submission of quotation
3. No quotations to be accepted after due date and time.
4. Items to be delivered within 30 days from the date of issue of purchase order.
5. All pages of the quotation must be signed and stamped. Any correction must be duly signed.
6. Overall rate of discount to be mentioned separately.
7. The Supplier has to submit GST Registration/Clearance along with the Bill to release payment.
8. Quotation should clearly mention the specifications offered in the notice.
9. Payment will be released through RTGS/NEFT/Cheque mode only after successful supply of items in good shape.
10. The Undersigned reserves all rights to accept or reject the quotation in full or part thereof without assigning any reason.

Encl:- List of Scientific charts attached herewith.


Principal 21/1/25
U.C.P.Engg.School
Berhampur.

Memo No. 191 Date 21.01.2025

Copy in duplicate submitted to the G.M, D.I.C. Ganjam /Sub-collector, Berhampur /Tahasildar, Berhampur / Executive Engineer Ganjam (R&B) Division No.I, Berhampur / Regional Assistant Director of Employment (SZ), Berhampur/ Sub- Registrar, Berhampur/ Institution Notice Board for information with a request to display a copy of this notice in their notice board for information of public.


Principal 21/1/25
U.C.P.Engg.School
Berhampur.

Purchase officer
G.E.M.s.

(Signature)
6/11/24

List of Laboratory chart required for the subject physics laboratory, chemistry labora and Comm. English laboratory.

APPLIED PHYSICS LABORATORY-1

SI No	NAME OF THE TOPIC	QTY	CHART CODE
1	SLIDE CALIPER	2	
2	SCREW GAUGE	2	
3	SPHEROMETER	2	
4	FORTIN'S BAROMETER	2	4+3=7
5	REFLECTION DIAGRAM	2	
6	REFRACTION DIAGRAM	2	
7	KIRCHHOFF'S LAW DIAGRAM	2	
8	CIRCUIT DIAGRAM OF GALVANOMETER AS AMMETER	2	
9	CIRCUIT DIAGRAM OF GALVANOMETER AS VOLTMETER	2	
10	SEMI CONDUCTOR DIODE CIRCUIT DIAGRAM(FORWARD AND REVERSE BIAS)	2	
11	DIFFRACTION GRATING CIRCUIT DIAGRAM	2	

APPLIED CHEMISTRY LABORATORY

SI No	NAME OF THE TOPIC	QTY	CHART CODE
1	TITRATION	1	
2	pH	1	
3	PERIODIC TABLE	1	4+1=5
4	CHEMISTRY LABORATORY SAFETY MEASURE	1	
5	BUNSEN BURNER	1	
6	BOHR'S ATOMIC MODEL	1	
7	SHAPE OF s, p, d, f ORBITALS	1	
8	FARADAY'S ELECTROLYSIS PROCESS	1	

COMM. ENGLISH LABORATORY

SI No	NAME OF THE TOPIC	QTY	CHART CODE
1	LISTENING RULES CHART	1	
2	PHONETICS DEN-3	1	
3	PUNCTUATION DEN-30	1	
4	WHY ENGLISH COMMUNICATION IS IMPORTANT NOWADAYS	1	2
5	HOW TO IMPROVE YOUR ENGLISH LISTENING SKILL WITH PODCASTS	1	

Purchase officer
Gest.

(S) Pradhan
28/11/24

~~Chemical~~
Chemical

PRINCIPAL

Date 28.11.2024

The following charts are required for display in different chemical laboratory.

Sr no	Chart number	Name of chart	Quantity required	Laboratory for display
1	CH 59	Biogas plant	1 no	Environmental lab
2	✓ CH939	First Aid in Laboratory	1 no	Chemistry Lab
3	✓ CH 940	Laboratory Safety Measure	1 no	Chemistry Lab
4	✓ CH941	Techniques used in laboratory	1 no	Chemistry Lab
5	✓ CH934	Chromatography	1 no	CT Lab
6	✓ CH 917	Synthetic Polymer	1 no	CT Lab
7	✓ CH964	Determination of viscosity by Redwood Viscometer	1 no	CT Lab
8	✓ CH965	Determination of Flash point by Pensky Martin Apparatus	1 no	CT Lab
9	✓ CH966	Preparation of urea formaldehyde	1 no	CT Lab
10	✓ CH 967	Preparation of phenol formaldehyde	1 no	CT Lab
11	✓ CH954	Softening of Water	1 no	Chemistry Lab
12	✓ CH961	Titrimetric analysis of water	1 no	Chemistry Lab
13	✓ CH924	Soap manufacturing	1 no	CT Lab
14	CH917	Synthetic Polymer	1 no	CT Lab
15	✓ CH943	Manufacturing of cement	1 no	CT Lab

Kindly the charts may be procured for display in different laboratories.

(Y K Mohanta)
Lecturer (Chemical)
Yayati Kishore Mohanta
Lecturer (Chemical Engg.)
U.C.P. Engineering School
Brahmapur, Odisha

Siddhibinayak Pradhan
28/11/24
(S Pradhan)
Lecturer (Chemical)
Siddhibinayak Pradhan
Lecturer (Chemical Engg.)
U.C.P. Engineering School
Brahmapur, Odisha

Sanku Sanyal
28/11/24
(S S Raj)
Senior Lecturer (Chemical)
Senior Lecturer (Chemical)
U.C.P. Engineering School
Berhampur

15

PRINCIPAL

Purchase of
[Signature]
31/12/24

This is regarding the procurement charts of size 20"x26", required for different Laboratories of Civil Engg. Department. If pleased the following Laminated and framed on Board Charts (20"x26") may please be procured.

Sl.No	Item Code	Item	Laboratory Name
1	CH 2412	Vicat's Apparatus	Concrete Lab
2	CH 2413	Slump Test	Concrete Lab
3	CH 2414	Fineness by Sieve analysis method	Concrete Lab
4	CH 2415	Rebound Hammer	Concrete Lab
5	CH 3141a	Mechanical Properties-I	Concrete Lab
6	CH 3141b	Mechanical Properties-II	Concrete Lab
7	CH 3142a	Introduction to stress - strain curve-I	Concrete Lab
8	CH 3142b	Introduction to stress - strain curve-II	Concrete Lab
9	CH 3145	Drawing of UTM. (Machine & Samples)	Concrete Lab
10	CH 2447	Bernoulli's Theorem	Hydraulics Lab
11	CH 2449	Calibration of Venturimeter	Hydraulics Lab
12	CH 2451	Head Loss due to pipe fitting	Hydraulics Lab
13	CH 2458	Calibration of Orifice meter	Hydraulics Lab
14	CH 1655	Pressure Measuring Devices	Hydraulics Lab
15	CH 2462	Plastic Limit	Soil Mechanics Lab
16	CH 2463a	Triaxial Test UU	Soil Mechanics Lab
17	CH 2463b	Triaxial Test CU	Soil Mechanics Lab
18	CH 2463c	Triaxial Test CD	Soil Mechanics Lab
19	CH 2466a	Coefficient of Permeability	Soil Mechanics Lab
20	CH 2468	Standard Proctor compaction Test	Soil Mechanics Lab
21	CH 2469	Shrinkage limit	Soil Mechanics Lab
22	CH 2470	Liquid limit	Soil Mechanics Lab
23	CH 2501	Flakiness and Elongation Test	Transportation Lab
24	CH 2502	Abbrasion Tests	Transportation Lab
25	CH 2503	CBR Value test	Transportation Lab
26	CH 2504	Tests on Bitumen	Transportation Lab
27	CH 2401	1st angle and 3rd angle projections	Drawing Lab
28	CH 2403	Drafting Instruments	Drawing Lab
29	CH 3105a	Position of a Points-I (Vertical & Horizontal)	Drawing Lab
30	CH 3105b	Position of a Points-II (In Four Quadrants)	Drawing Lab
31	CH 3106a	Projection of straight line in different quadrants-I	Drawing Lab
32	CH 3106b	Projection of straight line summary of Projection of straight line-II	Drawing Lab
33	CH 3113	Projection of planes.	Drawing Lab
34	CH 3114a	Orthographic Projection -I	Drawing Lab

Amey 25 + 27
[Signature]
31/12/24

PRINCIPAL

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33	CH 3113	Projection of planes.	Drawing Lab
34	CH 3114a	Orthographic Projection -I	Drawing Lab

Amy 2542 (29) *[Signature]*
3/12/24

Electrical

Purchase office
(GEM)
For n.a.
6/12/24

DEPARTMENT OF ELECTRICAL ENGINEERING
U.C.P ENGG. SCHOOL, BERHAMPUR

BASIC ELECTRICAL WORKSHOP

- ✓ CH 2200 Safety Precautions in Electric Laboratory -
- ✓ CH 2201 Treatment Against Electric Shock -
- ✓ CH2206 Procedure of Making & Joint -
- ✓ CH 2210 Mercury Vapour Lamps -
- ✓ CH 2212 Sodium Vapour Lamps -
- ✓ CH 2220 Control Lamp By Switches

DC Machine

- ✓ CH 2235 Parts of D.C. Machine -
- ✓ CH 2236 Types of D.C. Generators -
- ✓ CH 2237 Special Types of D.C. Machine -
- ✓ CH 2238 D.C. Motor -
- ✓ CH 2239 D.C. Generator -
- ✓ CH 2231 DC Shunt Generator Characteristics
- ✓ CH 2240 Three Phase Rectifiers -
- CH 2232 Characteristics of DC Compound Motor
- ✓ CH 2234 Working Principle of Star Delta Starter -
- ✓ CH 2242 D. C. Motor Starter -

Aug 25/2

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Date	Particulars	Vch Type	Vch No.	Debit	Credit
1-Dec-24 to 30-Dec-24	CH 2249 A.C. Motor			47,200.00	
	CH 2248 A.C. Generator			47,200.00	
	CH 2247 Parts of Synchronous Machine			47,200.00	
	Ac motor			47,200.00	
	Closing Balance				47,200.00

Laji Scientific Co.
543, Shiv Puri Colony
Ambala Cantt
TIN- 06681045435
Dios Charts
Ledger Account
2496, Timber Market
Ambala Cantt

✓ CH 2243 Single Phase Induction Motor Load characteristics

✓ CH 2253 Three Phase Induction Machine

✓ CH 2254 Three Phase Induction Motor Circle Diagram

✓ CH 2255 Three Phase Induction Motor Load Characteristics

Transformers

CH 2244 Circuit Diagram of Potentiometer

✓ CH 2245 Transformer

✓ CH 2246 Types of Winding In Transformer

• CH 2250 Three Phase and Scott Connected Transformer.

Power Distributions

✓ CH 2267 Earthing

POWER SUPPORTING SYSTEMS

✓ CH 2271 Thyristor Family

✓ CH 2272 Chopper Circuits

NETWORK ANALYSIS AND SYNTHESIS

✓ CH 2325 Network Theorems

✓ CH 2326 Representation of Basic Circuits in Terms of Frequency Domain

✓ CH 2327 Filters

LINEAR CONTROL SYSTEMS

✓ CH 2340 Voltage and Current Wave Forms for both 3-Phase & single phase Semi-converter For Different Firing Angle.

CH 2341 Voltage Waveforms And Conduction of Thyristors For both 3-Phase & single phase Full Converter

12

[Signature]
05/12/24
A. S. S. Sahu
Fr. sect,
(Electrical)

CH 2243 Single Phase Induction Motor Load characteristics

CH 2253 Three Phase Induction Machine

CH 2254 Three Phase Induction Motor Circle Diagram

CH 2255 Three Phase Induction Motor Load Characteristics

Transformers

CH 2244 Circuit Diagram of Potentiometer

CH 2245 Transformer

CH 2246 Types of Winding In Transformer

CH 2250 Three Phase and Scott Connected Transformer.

Power Distributions

CH 2267 Earthing

POWER SUPPORTING SYSTEMS

CH 2271 Thyristor Family

CH 2272 Chopper Circuits

NETWORK ANALYSIS AND SYNTHESIS

CH 2325 Network Theorems

CH 2326 Representation of Basic Circuits in Terms of Frequency Domain

CH 2327 Filters

LINEAR CONTROL SYSTEMS

CH 2340 Voltage and Current Wave Forms for both 3-Phase & single phase Semi-converter For Different Firing Angle.

CH 2341 Voltage Waveforms And Conduction of Thyristors For both 3-Phase & single phase Full Converter

Handwritten signature
05/12/24
A.S.S. Kumar
Sr. Lect,
(Electrical)

classified

Purchase Office
(Genl)

DEPARTMENT OF ELECTRICAL ENGINEERING
U.C.P ENGG. SCHOOL, BERHAMPUR

For n.a.
(Signature)
6/12/24

BASIC ELECTRICAL WORKSHOP

- CH 2200 Safety Precautions in Electric Laboratory
- CH 2201 Treatment Against Electric Shock
- CH2206 Procedure of Making & Joint
- CH 2210 Mercury Vapour Lamps
- CH 2212 Sodium Vapour Lamps
- CH 2220 Control Lamp By Switches
- DC Machine
- CH 2235 Parts of D.C. Machine
- CH 2236 Types of D.C. Generators
- CH 2237 Special Types of D.C. Machine
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- CH 2240 Three Phase Rectifiers
- CH 2232 Characteristics of DC Compound Motor
- CH 2234 Working Principle of Star Delta Starter
- CH 2242 D. C. Motor Starter

Aug 25 72

Date	Particulars	Vch Type	Vch No.	Debit	Credit
	Ac motor			47,200.00	
	CH 2247 Parts of Synchronous Machine			47,200.00	
	CH 2248 A.C. Generator				47,200.00
	CH 2249 A.C. Motor				47,200.00

CH 2252 Single Phase Induction Machine

Lalji Scientific Co.
543, Shiv Puri Colony
Ambala Cantt
TIN- 06681045435
Dbios Charts
Ledger Account
2496, Timber Market, Ambala Cantt