

Education and Public Health

(194 9 ) Department.

Ms. SERIES.

G.O. NO. 212 Edn.,

Dated 28-1-1949.

10

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[Despatch Abstract.]

College-Engineering, Guindy-Purchase of stores-Expenditure-Sanctioned.

### Back Papers.

| G.O. | No.  | Department. | Date.  | G.O. | No. | Department. | Date. |
|------|------|-------------|--------|------|-----|-------------|-------|
| G.O. | 1142 | Edn         | 6-5-48 |      |     |             |       |

### Further Papers.

| G.O. | No.  | Department. | Date.   | G.O. | No. | Department. | Date. |
|------|------|-------------|---------|------|-----|-------------|-------|
| G.O. | 677  | Edn.        | 23-5-49 |      |     |             |       |
| "    | 3049 | "           | 4-10-49 |      |     |             |       |
|      | 3247 |             | 6-12-50 |      |     |             |       |

Education Department.

From THE DIRECTOR OF PUBLIC INSTRUCTION, MADRAS 89139  
TO THE SECRETARY TO THE GOVERNMENT OF MADRAS,  
EDUCATION AND PUBLIC HEALTH DEPARTMENT,  
FORT ST. GEORGE, MADRAS.

R.C.No. 549-A2/48 dated 24th November, 1948.



Colleges--Engineering College, Guindy--Purchase of Europe Stores in India--Sanction to incur expenditure--Requested. 2

In submitting herewith a copy of letter R.C.No.

84/SK/48 dated 12.11.1948 from the Principal, College of Engineering, Guindy, I request that Government may kindly sanction an expenditure not exceeding Rs. 39,700/- on the purchase of machinery referred to in the annexure to the letter. The action of the Principal in having placed the orders in anticipation of the sanction of Government may also be approved.

2. The Principal has also submitted another indent for purchase of Europe Stores in India at an estimated cost of not exceeding Rs. 84,700/- (List enclosed). I recommend that the Principal may be permitted to place the indents for the articles and to incur the necessary expenditure from out of the allotment.

Yours faithfully,

For Director of Public Instruction.

ks.25xi.

84,700  
39,700  
45,000

NAME OF ARTICLE. Name of Supplying Firm. Approximate cost.

(1) (2) (3)

1. ELECTRICAL ENGINEERING LABORATORY.

- |                                    |                                           |             |
|------------------------------------|-------------------------------------------|-------------|
| 1. Forest Insulation Tester - One. | Associated Electrical Industries, Madras. | Rs. 2,700/- |
| 2. Coil Winding machine            | Swastik Agencies, Bangalore               | 1,800/-     |

II. HYDRAULIC ENGINEERING LABORATORY.

- |                                                                                                                                              |                         |         |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|
| 1. 2" Power type screwing machine mounted on a stand with 9 sets of dies for screwing from $\frac{1}{4}$ " to $1\frac{1}{2}$ " bolt threads. | Jessop & Co., Calcutta. | 1,500/- |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|

III. STRENGTH OF MATERIALS LABORATORY.

- |                                                                                                                                 |                           |          |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------|
| 1. Spring testing machine self indicating, hand operated, capacity 1000 x 2 lbs. divisions, for testing compression & Tension.  | W.T. Avery & Co., Madras. | 8,425/-  |
| 2. Steel metal Testing machine complete.                                                                                        | Do.                       | 1,090/-  |
| 3. Compression Testing machine, capacity 200 tons with extra double plunger pump and low pressure gauge.                        | Do.                       | 16,350/- |
| 4. Proving ring for calibration of Testing Machines, capacity 20,000 lbs.                                                       | Volkart Brothers Madras   | 1,906/-  |
| 5. Self indicating Testing machine universally adopted for paints and varnishes.                                                | Do.                       | 2,860/-  |
| 6. Fatigue Testing machine                                                                                                      | W.T. Avery & Co., Madras. | 4,510/-  |
| 7. Recording apparatus for drawing a diagram of the setting of cement including shrinkage Tester for prisms.                    | Volkart Brothers, Madras. | 6,435/-  |
| 8. Wear Testing machine for stone cement, tiles and other paving materials all enclosed in dust proof type with suitable motor. | Do.                       | 17,300/- |
| 9. Plywood and fabric Testing machine 4000 lbs. capacity provided with hand operated pump and precision pressure gauge etc.     | Do.                       | 6,557/-  |

| 1.                                                              | 2.                                    | 3.       |     |
|-----------------------------------------------------------------|---------------------------------------|----------|-----|
|                                                                 |                                       |          | Rs. |
| <u>MECHANICAL ENGINEERING LABORATORY.</u>                       |                                       |          |     |
|                                                                 | B.F.                                  | 71,455/- |     |
| 1. Standard Distillation apparatus, Electrically heated.        | Scientific Instrument Company, Madras | 2,240    |     |
| 2. Brays haws fuel testing furnace for the fusion temp. of ash. | Do.                                   | 3,000/-  |     |
| 3. 16 m.m. Talric projector                                     | R. G. A. Madras                       | 3,500/-  |     |
| 4. Epidiascope                                                  | Adair Dutt & Co., Madras.             | 1,500/-  |     |
| 5. B.S.A. Overhead valve Engine                                 | Union Company, Madras                 | 1,500/-  |     |
| 6. D.K.W. Engine with Dynamometer Stand.                        | Reliance motor Co., Madras.           | 1,500/-  |     |
| TOTAL .. Rs.                                                    |                                       | 84,675/- |     |

#### ENCLOSURE II.

Copy of letter R.C. 84/SK/48 dated 12.11.1948 of the Principal, College of Engineering, Guindy to the Director of Public Instruction, Madras.

Ref: -Your Proceedings Re. 549-A2/48 dated 20.9.1948 and 28.9.48.

In regard to the purchase of equipment for the scheme of the strengthening of the Mechanical Engineering Department of this college, a comprehensive list of equipment required was furnished to the strengthening Committee during 1945. The equipment list was made out on a concerted plan of developing the Department in a gradual manner and it was expected that the cost of equipment would come to 2.8 lakhs. The Government of Madras have in their order No. 1142 Education dated 6.5.1948 sanctioned 2.8 lakhs to be spent in 2 years.

Since the year 1945 certain equipment have been applied for and a few purchased from Home Indents, Europe Stores to be got in India and through the Disposals Directorate. Items already obtained will be excluded. Other items necessary for the development of the Department will be obtained.

I am in correspondence with the Foreign Firms, their local agents in India and also contacting the Disposals Directorate for a number of items and their final replies are awaited.

In this connection, I submit that from previous

experience it is brought to your kind notice that articles for which previous sanction is obtained and indents placed are not received in time with the result that the amounts have to be surrendered at the end of the official year. The reasons for non-receipt of stores in time are due to

1. Firms' inability to supply stores within the financial year
2. want of import license and license difficulties
3. uncertain international situation for the past 3 years
4. want of shipping space and priority.

The above causes have led to the surrender of very large amounts under allotments for Europe stores to be got in India and also special allotment for the Tele-Communication Department as shown below:-

|                                   | Year    | Amount of allotment | Spent    | Surrendered. |
|-----------------------------------|---------|---------------------|----------|--------------|
| Europe Stores to be got in India. | 1946-47 | Rs 37,800           | 11,766/- | 26,034/-     |
|                                   | 1947-48 | 109,100/-           | 50,952/- | 48,148/-     |
| Tele. Communication Equipment.    | 1946-47 | 70,000/-            | 12,815/- | 57,185/-     |
|                                   | 1947-48 | 50,000/-            | 44,909/- | 5,091/-      |

Bulk of the surrenders are due to non-receipt of stores in the Mechanical Engineering, Electrical Engineering Laboratories and Tele-Communication Department. It is therefore pointed out that obtaining sanction for stores for which indents are put before hand and which are not supplied in a particular year does not seem to serve any useful purpose. Only cases of stores which are actually available within the financial year will have to be applied for and sanction obtained. In the case of stores proposed for the scheme under reference, it is not possible to state at this period of the year, what stores are likely to be available. It is with this object in view that I submit that indents for stores which are actually available may be permitted to be placed by me "as and when they are available". Care will be taken to see that proper sanction is obtained for the purchase of the stores whose cost exceed Rs 1000/-.

As desired by you, I am submitting herewith a consolidated statement of stores for which indents have been placed. These stores are available and expected to be supplied very shortly and sanction of the necessary funds may please be accorded.

In the circumstances stated above, it is suggested that the allotment of Rs 1,50,000/- may be placed at my disposal. Other stores which are actually available will be purchased (subject to approval of the purchase of stores exceeding Rs 1000/-) during the current year 1948-49. I request that early orders may kindly be accorded.

/True copy/.

# STATEMENT OF INDENTS PLACED.

| Stores for which indents were placed with local firms.                                                                                             | Name of firm.                                               | Cost.   | Remarks.                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------|------------------------------------------------------------------------------------|
| 1. Pneumatic Moulding Machine.                                                                                                                     | W. Ward Ltd. B Bombay.                                      | 5,150/- | Sanction for items 1 and 2 applied for in this office letter 10-1A/46 dated 7.9.48 |
| 2. Mixer Miller with motor                                                                                                                         | Do.                                                         | 7,525/- | Do.                                                                                |
| 3. Fordson Row Gros Tractor and accessories.                                                                                                       | Simpson & Co. Madras                                        | 12,700  | Sanction for item applied for in letter 84/SK/48/23.9.48.                          |
| 4. 15 Cwt. Cupola with motor                                                                                                                       | Southern Industries Madras                                  | 5,550   | Purchase may be approved, as it is required for instruction                        |
| 5. Pilot Engine 2 H.P.                                                                                                                             | Addison & Co. Madras                                        | 622-8-0 |                                                                                    |
| 6. L.V. 22-15 H.P. horizontal cold start, solid injection, 4 stroke, single cylinder herford engine with modification for running on gasolol fuel. | Unisales (India) Ltd. Bombay                                | 4,500/- | Purchase may be approved, as it is required for instruction.                       |
| 7. Ajax four drawer filling cabinet.                                                                                                               | Ajax Products, Madras                                       | 462/-   |                                                                                    |
| 8. 3 1/4 H.P. Bradford Oil Engine.                                                                                                                 | British and Eastern Engineering Company, Mount Road, Madras | 1,080/- | Purchase may be approved.                                                          |

## FROM DISPOSALS DEPARTMENT.

|                                                                                                       |                                                 |         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. CPM-1/MT/SR. 41922. Polak Pressure casting machine complete with all accessories. Cap. No. P. 283. | Government Aluminum Manufacturing Co., Dum Dum. | 1,287/- | Copy of this indent was submitted in this office letter No. 84/SK/48 dated 6.10.48. The Director General of Disposals, New Delhi, states that item 1 will be released, if not required by ordnance Factory or Defence Service. For item 3 allocation yet to be made. For item 2 separate communication to follow. |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                          |                           |                |  |
|--------------------------------------------------------------------------|---------------------------|----------------|--|
| 2. 42835. Pneumatic hand grinder. Government identification No. P. 1925. | No. I GMU. K Kanchrepura. | 500            |  |
| 3. Base plate rivetting machine.                                         | D. G. M. P. Bombay.       | 520            |  |
| TOTAL ..                                                                 |                           | Rs. 39,696-8-0 |  |

From

The Director of Public Instruction, Madras.

To

The Secretary to Government, Education and Public Health Department, Madras.

Rc. 549 A2/48 dated 30-12-1948.

Sub: College - Engineering College, Guindy - Purchase of stores - sanction to incur expenditure - requested.

In continuation of my letter Rc. 549 A2/48 dated 24-11-1948, I submit herewith an extract of the letter Rc. No. 84/SK/48 dated 21-12-1948 from the Principal, College of Engineering, Guindy, and request that Government may kindly sanction an expenditure not exceeding Rs. 53,000/- (Rupee Fifty three thousand only) in the current year on the purchase of stores required for the Mechanical Engineering Department of the College.

2. The action of the Principal in having placed the order for the purchase of the machines in anticipation of the sanction of Government may be approved.

Yours faithfully,

for Director of Public Instruction.  
Copy to the Principal, College of Engineering, Guindy.

Extract referred to above.

I am submitting herewith a further consolidated list of stores to be purchased in connection with the scheme of the expansion of the Mechanical Engineering Department of this College. The stores mentioned therein are considered essential for instructional purposes and for demonstration to students. These stores are available in Madras and are expected to be supplied within the current financial year. I have in anticipation of your kind sanction and to expedite the early supply of the stores placed necessary indents on the firms and my action may please be approved. The total cost of the indent works out to Rs. 52,260-14-0 and it is requested that a lump provision of Rs. 53,000/- may be made available to me to meet their cost and to meet incidental charges.

The expenditure is debitable to "37 d. Education - University - Government Professional Colleges - DE. Engineering College - dB 3 Workshop maintenance, apparatus and materials for workshops".

p.t.o.

9

List of stores proposed to be purchased in connection with the scheme of the strengthening of the Mechanical Engineering Department - College of Engineering, Guindy.

| S.No.<br>1. | Name of articles.<br>2.                                                                                   | Name of supplier.<br>3.           | Approximate cost.<br>4. | Remarks.<br>5.                                                              |
|-------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------|-----------------------------------------------------------------------------|
| 1.          | Twin cylinder 13 HP Enfield Diesel Engine.                                                                | Indian Marketing Col,<br>Madras.  | Rs.2422--8--0           |                                                                             |
| 2.          | Petter A.V.2 Series Twin Cylinder Engine<br>10 HP.                                                        | Parry & Col, Madras.              | 1850--0--0              | For every item, the quotation<br>of the cheapest firm has been<br>selected. |
| 3.          | Callesen 2 stroke Engine type 100 A.S.<br>8 HP.                                                           | Trans Oceanic Col, Madras.        | 2700--0--0              |                                                                             |
| 4.          | Avery Hardell No.A.H.101 Electrically<br>operated metering Fuel pump without<br>flexomatic control 4 Nos. | W.T.Avery & Co., Madras.          | 9400--0--0              |                                                                             |
| 5.          | Avery No.7202 Dynamic balancing machine<br>with accessories complete.                                     | do.                               | 20050--0--0             |                                                                             |
| 6.          | Filing system (Furniture)                                                                                 | Traiton Trading Co., Bom-<br>bay. | 488--6--0               |                                                                             |
| 7.          | Engine fittings such as pipes, cocks<br>etc.                                                              | Local markets in Madras.          | 3000--0--0              |                                                                             |
| 8.          | Tacalmerit 4 $\frac{3}{4}$ ton capacity wheel free<br>car lift No.S.E.8067                                | Heatly & Gresham, Madras.         | 2000--0--0              |                                                                             |
| 9.          | 8 HP. Fanrar Vertical cross tube boiler to<br>work at 100 lbs per sq.in.pressure.                         | Mill stores, Madras.              | 6350--0--0              |                                                                             |
| 10.         | Trailer for use with fordson tractor.                                                                     | Simpson & Co., Madras.            | 2000--0--0              |                                                                             |
| 11.         | Epcotrolley type Hydraulic Jacks Nos.<br>78 to 80 each.                                                   | Heatly & Gresham, Madras.         | 2000--0--0              |                                                                             |
|             |                                                                                                           |                                   | 52260-14--0             | or say Rs.53000/-                                                           |
|             |                                                                                                           |                                   | -----                   |                                                                             |
|             |                                                                                                           |                                   | 20-10-48.               |                                                                             |

College of Engineering, Guindy.  
Madras 15: Dated 21-12-1948.

Sd. S.Paul, 20-10-48.  
Principal,  
College of Engineering, Guindy.

(True Copy)

16 800  
26 118700

1,24,400  
53,000  
1,77,400

parallel to 118700  
39700  
53,000  
92,700

To the D.P.  
"A.G. thro' Fin"

E.P.H.(A)

Sub: college - Engg., Guindy - Purchase of ~~Engg.~~ stores. ~~indian~~ Expre. - Sanctioned.

Read: G.O. 1142 Edu. dated 6-5-48.  
From the D.P.G. No. 549A, 148 d. 24-11-48 & 30-12-48  
G.O. No. Me. 212 Edu. dated 28-1-49.

The Govt. sanction an expre. not exceeding Rs 1,77,400/- (Rupees one lakh, seventy seven thousand four hundred only) in the current year on the purchase of ~~Europe~~ stores ~~in India~~ required for the Mechanical Engg. Dept. of the Engg. college Guindy. The action of the Principal in having placed orders for machinery costing Rs 92,700/- already, in anticipation of the sanction of the Govt. is approved.

2. The expre. will be debited to "3". Edu. - d. Uty. - Govt. Professional colleges - B. Engg. College - 3. Workshop Maintenance.

10-1-49 10/1/49

17/1/49

PPD

12

~~For J. no. for a~~

82 6/6

39700

89,700

124,400

parallel of

22001

28311301

To the D.P.G.

1846105000

84-21-12

8 E.P.H. (A)

Sub. College - Tengg., Grindy - Purchase of Europe stores in India - Expre. - Sanctioned.

From the D.P.G. No. 549-A, 2/48 d. 24-11-48.

Read again:- G.O. 1142 Edu. S. 6-5-48 - 12-48.

G.O. No. 1142 Edu. S. 6-5-48 - 12-48.

The Govt. sanction an expre. not exceeding Rs 1,24,400/- (Rupees one lakh, two hundred and four thousand four hundred and 00/-)

in the current year for the purchase of Europe stores in India required for the Tengg. College, Grindy. The action of the Principal in having placed orders for machinery costing Rs 39,700/- already, in anticipation of the sanction of the Govt., is also approved.

2. The expre. will be debited to the head "37. Edu. - d. uty. - Govt. Professional Colleges - B. Tengg. College - 4. Other charges."

3. Workshop maintenance."

8-12-48/100

9/12/48

BM 10/12/48

P.D.O.

2  
Note: Fin. u.o. for acceptance of the draft overleaf.

8-12-48  
9/12/48

8/12/48  
11/12/48

A  
E.P.H. u.o. 89139-1/48A  
dated 11-12-48

Fin (Exp. B)

E & P. H. may be requested to kindly put up l.o.  
No. 1142 Edu. d. 6-5-48 referred to at 'A' on p. 4 C.F.  
for reference.

20.12.48

21.12.48

E & P. H. (A)

The f.o. is put up at (B). The file may be  
sent to Fin. u.o.

23.12.48

24/12/48

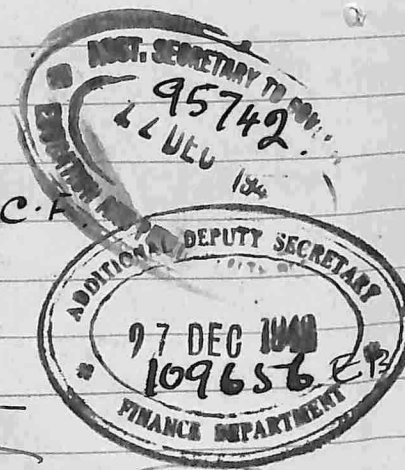
24/12/48

E.P.H. u.o. 89139-2/48A

dated 24.12.48

Fin u.o. 106311 Exp B-1

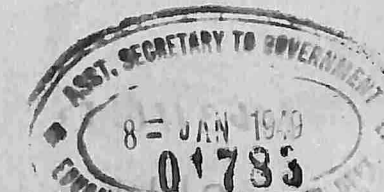
21-12-48



A 9 3  
Finance (Exp-B).

The draft order on pp.1-2 above may be accepted  
subject to the alteration indicated in pencil.

[The proposal for the strengthening of the Mechanical  
Engineering Department of the College of Engineering, Guindy  
was treated as a Part II scheme for 1948-9 and in G.O.1142  
Edn. dated 6-5-48, the Govt. sanctioned, among others, a  
block grant of Rs 2.80 lakhs for increasing the equipment of  
the Mechanical Engineering Laboratory. The expenditure is  
to be spread over 2 years and a provision of Rs 1.50 lakhs  
has been made in the Budget for 1948-9 under "37.d. B.3. Work-  
shop maintenance".]



Fin u.o. 109656 Exp B

8-1-49

7.1.49

7.1.49

7.1.49

7.1.49

(A)

no. 905 from the D. & J. No. 1349A, 7/48 d. 30.12.48.

The further letter of the D. & J.

P.T.2

3.13  
4 maybe perused. A revised draft order <sup>EB</sup> A  
is submitted for approval. Fin. may see for  
acceptance.

10-1-49 / 10/1/49  
17/1/49

E.P.H. u.o. 89137-3/48A  
dated 17-1-49



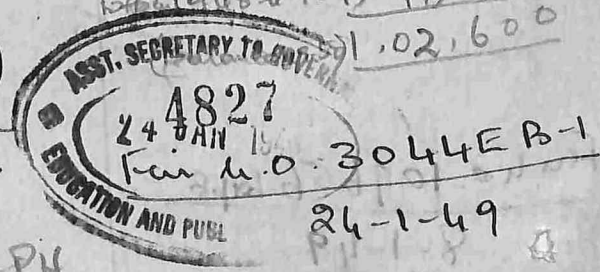
Finance (Part B)

(Previous Finance note on p 3 above).  
The ~~revised~~ draft order below may be  
accepted. It is presumed that the expenditure  
to be sanctioned in 1949-50 <sup>on the purchase of stores</sup> for strengthening  
the Mechanical Engineering dept of the college  
of Engineering Guindy will be restricted to  
Rs 1,02,600.

Cur 21-1-49  
21-1-49

CCio  
22-1-49

E.P.H. (A)



The draft below may be issued.  
26/1/49 / 26/1/49  
27/1/49

E.P.H.

Block grant 2,80,000  
1948-49-1,77,400  
1,02,600