

Law (Education) (1926) Department.

Ord. SERIES.

G.O. No. 604

DATED 10-4-26

[Despatch Abstract.]

College - Engineering - Guindy
Laboratories - addl. equipment
purchase - provision in the
Budget estimate for 1926-27

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Law (Education) DEPARTMENT.

Received.....192 . Registered.....192 .

Subject.

College of Engineering - Laboratory Equipment.



ENCLOSURES.

No.

Spare copies

R.O. /

No. 794 A/ 25

Station Madras, Dated the 7th August 1925 192

From (Name) R.G. Grieve, Esq., M.A.F.R.G.S.,

(Designation) As. Director of Public Instruction

To The Secretary to the Government of Madras,

Law (Education)

Department.

Sir,

I have the honour to submit for consideration in connection with Part II of the Civil Budget estimate for 1926-27 the enclosed copy of a letter from the Principal, College of Engineering, Guindy regarding the provision of funds for the completion of the equipment in the various laboratories of the College. His schemes are of a non-recurring nature and their total cost comes to Rs.35,000. I recommend that provision may be made for the purpose in the Civil Budget estimate for next year. If, however, funds will not admit of the whole sum viz., Rs.35,000 being provided, the Principal's proposals may be considered

Page 3 *mpa*

in the order 5, 3, 2, 4 and 1

I am including the scheme in Part II of the Budget estimate for 1926-27.

I have the honour to be,

Sir,

Your most obedient servant,

W. C. S. S.

for Director of Public Instruction.

P.V.S. 8/8

R.O.No. 1648/25, dated 30th July 1925

Instruction, Madras.

(3)

With reference to your Proceedings O.No. 794 A/25, dated 24th June 1925, I have the honour to state that the new schemes of expenditure I propose for consideration in connection with the budget estimate for 1926-27 relate to the completion of the equipment in the various laboratories with a view to make them more useful not only for educational purposes but as places where reliable engineering tests can be conducted.

2 The Electrical Engineering Laboratory requires a great deal of auxiliary apparatus and fittings to make the existing equipment more useful and will be much the better for a section devoted to the accurate testing of electrical instruments.

3 The equipment in the Mechanical and Hydraulic Laboratories is far from complete. To use these laboratories to the fullest advantage it is necessary to provide more instruments and machines.

4 In the strength of materials Laboratory the necessity for having a testing machine of capacity of about 10 tons has been frequently felt (the present one being a 100 ton machine) as also a more up-to-date machine for torsion test.

5 I submit herewith a statement showing the expenditure proposed on these special schemes.

Name of scheme	Estimated total cost.	Amount which may be expended in 1926-27	Remarks.
Improving the equipment in the various laboratories	1. Electrical Lab 15,000 2. Mechanical Lab 5,000 3. Hydraulic Lab 4,000 4. Strength of Materials Lab 9,000 5. Science Lab. 2,000	The whole can be spent if amount is allotted at the commencement of the year.	Excepting that depreciation has to be considered, the expenditure may be taken as non-recurring
	Rs 35,000		

/True Copy/

The total cost of the 5 items in the scheme is Rs 25,88-9-6 or 25,88-9-6. This has been converted at Rs 135 to the Rs 35,000.

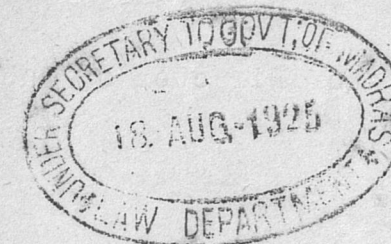
Law (Education)

DEPARTMENT.

Received 192 . Registered 192 .

Subject.

Indent for the completion of equipment in the various
laboratories of the College of Engineering, Guindy -
submitted.



ENCLOSURES.

No. indents

Spare copies

R.O.C.

No. 794 A/25

Station Madras, Dated the 14th August 1925 192 .From (Name) R.G. Grieve, Esq., M.A., F.R.G.S.(Designation) Ag. Director of Public Instruction

To The Secretary to the Government of Madras,

Law (Education), Department.

Sir,

In continuation of my letter No. R.C.No. 794 A/25,
dated 7th August 1925, I have the honour to submit herewith
a detailed indent for the completion of equipment in the
various laboratories of the College of Engineering, Guindy.

The Principal has since added to the indent the
requirements of the Power House amounting to £368 which were
not contemplated in his letter submitted to Government
with my communication quoted supra.

pp1-2 cents

3. If Government approve of the expenditure, I request that the necessary provision may be included in the forecast under "31 Education Provincial-Expenditure in England - voted-stores" which is being submitted to Government separately.

I have the honour to be,

Sir,

Your most obedient servant,

for Director of Public Instruction.

P.V.S. 14/8

Law (Education) department

C.No; 2412 C From the Director of Public Instruction, R.O.C. No.794/ dated 7th August 1925.

C.No 2514/C. From the Director of Public Instruction, R.O.C. 794/ 14th August 1925.

Subject : - Engineering College - Laboratory equipment.

The Director of Public Instruction submits detailed indents for Europe stores required for completing the equipment in the laboratories of the Engineering College and asks that the necessary provision may be included in the forecast of Europe Stores required in 1926-27 which has to be sent to the High Commissioner. In the forecast a provision of £1,012 has already been made for the apparatus required for the college. The indents now submitted are for additional equipment. The Principal says that the additional apparatus and fittings are necessary to render the laboratories "more useful not only for educational purposes but as places where reliable engineering tests can be conducted".

2. The cost of the additional stores proposed to be indented for comes to £ 2,956 -9-6 distributed as follows : --

	£	s.	d.
1. Electrical Engineering laboratory	1190	5	11
2. Mechanical Engineering laboratory	373	7	6
3. Hydraulic Engineering laboratory	311	0	0
4. Strength of materials laboratory	566	02	0
5. Science laboratory	147	4	1
6 Power house laboratory	368	0	0
	2,956	9	6

The above ~~estimate~~ estimate is exclusive of freight charges. The D.P.I. asks that if the full amount required cannot be provided next year, the items may be considered in the order of 5,3,2,4, and 1. He has not assigned any place to item 6 (Equipment to the

Power House) in the order of priority indicated by him.

3. Perhaps the expenditure may be spread over a period of three years, a sum of £ 1,000 being provided in the budget for 1926-27. Finance may be consulted and they may be asked to say with reference to paragraph 42 of the Budget Manual if a sum of £ 1,000 may be added to the forecast.

3-9-25

3-9-25

V.T.K. 4.9.

Fin u.O.

Law (Edm) no

2412 C-1

4-9-25

31083

5-9-25



Finance (B.G.)

The forecast of Europe stores for the Educational Department was returned accepted ^{by Finance} and it included a provision of £1,012 on account of apparatus required for the Engineering College. The present file relates to additional equipment for the Engineering College which ^{is} stated to be necessary to render the laboratories more useful not only for educational purposes but as places where reliable engineering tests can be conducted. Details of the items will

be found in flag I The total amounts to £2,956-9-6 (exclusive of freight charges)

The D.P.I. himself says that these proposals are submitted as Part II of the ^{Budget for 1926-27} Submitted that these requirements are special and do not represent the normal requirements of the college for which a separate indent has gone forward. These items should be treated as Part II Schemes and ^a note for the Finance Committee prepared accordingly. When the scheme ^{is} finally approved by the Finance Committee and included in the budget by the Cabinet,

p. 1 C 7

Rs 29560 (exclusive of freight)

2. Conversion Rs 10 per lb

3. Loss by freight 10839

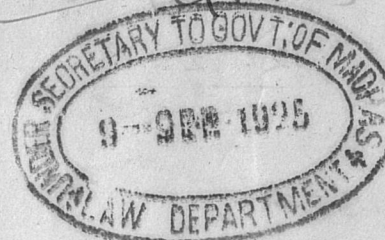
4. Freight 10 per lb 2956

5. Customs duty 5912

6. Total 49267

K.R.

h.c. 2820C 9/9/25



h.c. 212 C-2



32931

19-9-25

necessary intimation will be given to the High Commissioner.

C.R.S. 8-9-25

8-9-25

8-9-25

Law

Law (Edm)

A note for the Finance Committee is submitted for approval. It may be sent to Finance for being supplemented.

14-9-25

16-9-25

16-9-25

18-9

Fin u.O.

Finance (Bud)

(Previous notes are on p. 2 ante)

The note for the Finance Committee below does not state precisely the total liability involved (cost inclusive of freight, customs duty and other charges). ^{Loss by Exchange}

The position is as under:-

Items	Ultimate cost	Provision required in 1926-27
1	2	3
	Rs.	Rs.
<u>I Expenditure in England.</u>		
Cost of stores converted @ Rs10 to the £. (2750)	29,560	10,000
Freight @ 10 per cent of the cost of stores.	2,956	1,000
Total	32,516	11,000
<u>II Expenditure in India.</u>		
Loss by exchange @ Rs3 1/3 to the £	10,839	3,667
Customs duty @ 15 per cent of the value of stores converted @ Rs13 1/3 to the £	5,912	2,000
Total	16,751	5,667
Grand total	49,267	16,667

The portion at "K" above may be included in the "note by the Law (Education) Department" ^{to} the note for the Finance Committee.

2. The Finance portion of the note may be:-

"The proposal may be placed before the Finance Committee as a Part II Scheme for 1926-27".

3. ~~With this note~~, The file may be returned to Law (Education).

CBE
22/9/25
CRS
22/9/25

Law

Amend.
V.T.K.
24.9

22/9/25

22/9/25

22/9/25

22 of note for
FC below

A. di 3001C
23/9/25

22/9/25

22/9/25

22/9/25

22/9/25

22/9/25

22/9/25

22/9/25

22/9/25



22/9/25

22/9/25

22/9/25

The note for the Finance Committee has been amended as suggested by Finance on the previous page. It may be circulated to M2 & C4.

7/8/25
25.9.25
27.9.25
28.9.25
V.T.K.
29.9

M2
C4

22/9/25

22/9/25

Note for the Finance Committee.

Part II Scheme - Budget Estimates for 1926-27.

Subject : - Engineering college- Laboratory equipment.

The Director of Public Instruction submits detailed indents for Europe Stores ^{of value} for £. 2,956-9-6 for completing the equipment in the various laboratories of the Engineering college. The need for additional equipment is explained in the following extract from the Principal's letter:-

~~"I have the pleasure to advise that the new equipment~~
~~"I propose for consideration in connection~~
"with the budget estimate for 1926-27 relate to the completion of the equipment in the various laboratories with a view to make them more useful not only for educational purposes but as places where reliable engineering tests can be conducted!"

" The Electrical Engineering Laboratory requires "a great deal of auxiliary apparatus and fittings to "make the existing equipment more useful and will be much "the better for a section devoted to the accurate "testing of electrical instruments."

" The equipment in the mechanical and hydraulic "laboratories is far from complete. To use these "laboratories to the fullest advantage it is necessary "to provide more instruments and machines".

" In the strength of Materials Laboratory the necessity for having a testing machine of capacity of "about ten tons has been frequently felt (the present "one being a 100 ton machine) as also a more up-to-date "machine for torsion test".

The cost of the additional stores proposed to be indented for is distributed as follows : --

£. s. d.

L. S. D.

1. Electrical Engineering Laboratory	1190 - 5-11 5
2. Mechanical Engineering Laboratory	373 7- 6 3
3. Hydraulic Engineering Laboratory.	311-0 0 2
4. Strength of Materials Laboratory	566-12- 0 4
5. Science laboratory	147-4- 1 1
6. Power house laboratory	368-0-0
	2,956- 9- 6

The above estimate is exclusive of freight charges. The D.P.I. asks that if the full amount required cannot be provided next year, the items may be considered in the order of 5,3,2,4, ~~1~~ ¹ ~~6~~ ⁶ ~~10~~ ¹⁰ ~~15~~ ¹⁵ ~~20~~ ²⁰ ~~25~~ ²⁵ ~~30~~ ³⁰ ~~35~~ ³⁵ ~~40~~ ⁴⁰ ~~45~~ ⁴⁵ ~~50~~ ⁵⁰ ~~55~~ ⁵⁵ ~~60~~ ⁶⁰ ~~65~~ ⁶⁵ ~~70~~ ⁷⁰ ~~75~~ ⁷⁵ ~~80~~ ⁸⁰ ~~85~~ ⁸⁵ ~~90~~ ⁹⁰ ~~95~~ ⁹⁵ ~~100~~ ¹⁰⁰ ~~105~~ ¹⁰⁵ ~~110~~ ¹¹⁰ ~~115~~ ¹¹⁵ ~~120~~ ¹²⁰ ~~125~~ ¹²⁵ ~~130~~ ¹³⁰ ~~135~~ ¹³⁵ ~~140~~ ¹⁴⁰ ~~145~~ ¹⁴⁵ ~~150~~ ¹⁵⁰ ~~155~~ ¹⁵⁵ ~~160~~ ¹⁶⁰ ~~165~~ ¹⁶⁵ ~~170~~ ¹⁷⁰ ~~175~~ ¹⁷⁵ ~~180~~ ¹⁸⁰ ~~185~~ ¹⁸⁵ ~~190~~ ¹⁹⁰ ~~195~~ ¹⁹⁵ ~~200~~ ²⁰⁰ ~~205~~ ²⁰⁵ ~~210~~ ²¹⁰ ~~215~~ ²¹⁵ ~~220~~ ²²⁰ ~~225~~ ²²⁵ ~~230~~ ²³⁰ ~~235~~ ²³⁵ ~~240~~ ²⁴⁰ ~~245~~ ²⁴⁵ ~~250~~ ²⁵⁰ ~~255~~ ²⁵⁵ ~~260~~ ²⁶⁰ ~~265~~ ²⁶⁵ ~~270~~ ²⁷⁰ ~~275~~ ²⁷⁵ ~~280~~ ²⁸⁰ ~~285~~ ²⁸⁵ ~~290~~ ²⁹⁰ ~~295~~ ²⁹⁵ ~~300~~ ³⁰⁰ ~~305~~ ³⁰⁵ ~~310~~ ³¹⁰ ~~315~~ ³¹⁵ ~~320~~ ³²⁰ ~~325~~ ³²⁵ ~~330~~ ³³⁰ ~~335~~ ³³⁵ ~~340~~ ³⁴⁰ ~~345~~ ³⁴⁵ ~~350~~ ³⁵⁰ ~~355~~ ³⁵⁵ ~~360~~ ³⁶⁰ ~~365~~ ³⁶⁵ ~~370~~ ³⁷⁰ ~~375~~ ³⁷⁵ ~~380~~ ³⁸⁰ ~~385~~ ³⁸⁵ ~~390~~ ³⁹⁰ ~~395~~ ³⁹⁵ ~~400~~ ⁴⁰⁰ ~~405~~ ⁴⁰⁵ ~~410~~ ⁴¹⁰ ~~415~~ ⁴¹⁵ ~~420~~ ⁴²⁰ ~~425~~ ⁴²⁵ ~~430~~ ⁴³⁰ ~~435~~ ⁴³⁵ ~~440~~ ⁴⁴⁰ ~~445~~ ⁴⁴⁵ ~~450~~ ⁴⁵⁰ ~~455~~ ⁴⁵⁵ ~~460~~ ⁴⁶⁰ ~~465~~ ⁴⁶⁵ ~~470~~ ⁴⁷⁰ ~~475~~ ⁴⁷⁵ ~~480~~ ⁴⁸⁰ ~~485~~ ⁴⁸⁵ ~~490~~ ⁴⁹⁰ ~~495~~ ⁴⁹⁵ ~~500~~ ⁵⁰⁰ ~~505~~ ⁵⁰⁵ ~~510~~ ⁵¹⁰ ~~515~~ ⁵¹⁵ ~~520~~ ⁵²⁰ ~~525~~ ⁵²⁵ ~~530~~ ⁵³⁰ ~~535~~ ⁵³⁵ ~~540~~ ⁵⁴⁰ ~~545~~ ⁵⁴⁵ ~~550~~ ⁵⁵⁰ ~~555~~ ⁵⁵⁵ ~~560~~ ⁵⁶⁰ ~~565~~ ⁵⁶⁵ ~~570~~ ⁵⁷⁰ ~~575~~ ⁵⁷⁵ ~~580~~ ⁵⁸⁰ ~~585~~ ⁵⁸⁵ ~~590~~ ⁵⁹⁰ ~~595~~ ⁵⁹⁵ ~~600~~ ⁶⁰⁰ ~~605~~ ⁶⁰⁵ ~~610~~ ⁶¹⁰ ~~615~~ ⁶¹⁵ ~~620~~ ⁶²⁰ ~~625~~ ⁶²⁵ ~~630~~ ⁶³⁰ ~~635~~ ⁶³⁵ ~~640~~ ⁶⁴⁰ ~~645~~ ⁶⁴⁵ ~~650~~ ⁶⁵⁰ ~~655~~ ⁶⁵⁵ ~~660~~ ⁶⁶⁰ ~~665~~ ⁶⁶⁵ ~~670~~ ⁶⁷⁰ ~~675~~ ⁶⁷⁵ ~~680~~ ⁶⁸⁰ ~~685~~ ⁶⁸⁵ ~~690~~ ⁶⁹⁰ ~~695~~ ⁶⁹⁵ ~~700~~ ⁷⁰⁰ ~~705~~ ⁷⁰⁵ ~~710~~ ⁷¹⁰ ~~715~~ ⁷¹⁵ ~~720~~ ⁷²⁰ ~~725~~ ⁷²⁵ ~~730~~ ⁷³⁰ ~~735~~ ⁷³⁵ ~~740~~ ⁷⁴⁰ ~~745~~ ⁷⁴⁵ ~~750~~ ⁷⁵⁰ ~~755~~ ⁷⁵⁵ ~~760~~ ⁷⁶⁰ ~~765~~ ⁷⁶⁵ ~~770~~ ⁷⁷⁰ ~~775~~ ⁷⁷⁵ ~~780~~ ⁷⁸⁰ ~~785~~ ⁷⁸⁵ ~~790~~ ⁷⁹⁰ 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8-4-26. 8-4-26

V.T. 1074

Law (Edn) DEPARTMENT.

College

Engineering - friendly -
laboratories - ^{additional} equipment -
purchase - provision in the
Budget Estimate for 1926-27.

READ AGAIN G.O. No. , dated 0 192

" " " " " " 192

READ ALSO:—

C. No. 24129 / From the D.P. ? Loc, No. 794 1/15 dated 7-8- 1925.

192

ORDER.

No. 604 dated 10 . 6 1926.

Mis

The Director of Public Instruction is informed that a provision of Rs 16,700 has been made in the Budget Estimate for 1926-27 for the purchase of Europe stores required for ~~completing~~ ~~the equipment of~~ the laboratories attached to the College of Engineering, Oorindy.

DESPATCHED
97 12 APR 1926

the d.p. ? (with indent
ret. /

$$\frac{8}{8 \cdot 4 \cdot 26} \cdot \frac{8}{8 \cdot 4 \cdot 26}$$

OFFICE OF THE _____

Dated _____ 192 .

Hours _____ Minutes.

TELEPHONIC MESSAGE.

From

By: D. P. I.

To

Asst: Secretary Law (Envy)

Ref your T.M. of yesterday
reg: Laboratory Equipment - College
of Engineering.

Equipment to the Power House
may be treated as the last-item,
(i-e) ⁱⁿ ~~with~~ the following order 5, 3,
2, 4, 1, 6.

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ENCLOSURES TO C. No. _____

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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TELEPHONE MESSAGE
 Date _____
 Hour _____
 Minute _____

By: D. P. I.
 Asst. Secretary Gen (Gen)
 Ref. your Ltr. of yesterday
 re: Laboratory Equipment Class
 of Engineering
 Equipment to the Brown House
 may be treated as the last item
 (C-6) with the following nos 2, 3,
 2, 4, 1, 6.

12/1/2