

Est (1916) Department.

Mis SERIES.

G.O. No. 430-*Est*

DATED 18-4-16.

[Despatch Abstract.]

Recording papers relating to the
cost of equipping and maintaining
a technical laboratory and dye-
house at Madras

PAPERS PUT UP WITH CURRENT No. _____

Papers of the department to which the current belongs.

Number.	Date.	Original (=O) or spare copy (= S.O.).	Remarks. (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department

Papers of other departments.

Department.	Number	Date.	Original (= O.) or spare copy (= S. C.)	Initials with date of (1) Referencer acknowledging returns of the paper concerned or (2) Despatcher to denote the return of the papers to the department concerned.

CN^o 1167 & 8
27.3.16

278 273 116 1916 4

LABORATORY

CT TINGTORIAL No.

O MG DELHI 25 STATE 65

MADRAS EDUCATIONAL MADRAS

NUMBER 273 EDUCATION REFERENCE CORRESPONDENCE

ENDING YOUR LETTER NUMBER 116 DATED 4 TH FEBY 1916

MAYSSEN WITH PERMISSION OF GOVERNOR IN COUNCIL

PLEASE FURNISH IF POSSIBLE BY TELEGRAM INFORMATION

SHOWING COST OF BUILDING EQUIPPING AND MAINTAINING

TINGTORIAL LABORATORY TO BE ESTABLISHED AT MADRAS SECY

STATES SANCTION APPEARS NECESSARY TO WHOLE SCHEME

AND GOVERNMENT INDIA ARE ADDRESSING HIM ON SUBJECT =

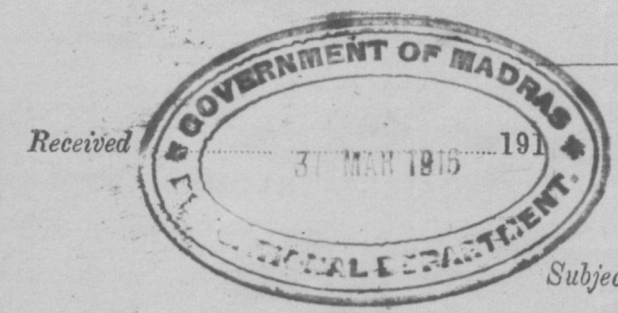
EDUCATIONAL INDIA :



2/ C.No. 1269 Ed

C.F.—29.

DEPARTMENT.



Registered 31. 3 1916.

Subject.
Reporting the approximate cost of equipping the Dyeing
Section of the Madura Technical Institute.

VE

ENCLOS RES.
No.
Spare copies

12 No. B1

Station Madras, Dated the 30th March 1916.

From (Name) K. T. B. Tressler, Esq.,
(Designation) Director of Industries,
Madras.

To The Secretary to the Government of Madras,
EDUCATIONAL Department.

Sir,

page 40 X

Further my telephone message of 28th and with
(U) reference to G.O. No. 115 4-2-16 I have the honour to
state that in the dyeing scheme now contemplated
it is proposed only to give laboratory instruction
in dyeing. For this purpose the cost of equipment
of the dyeing laboratory will be about Rs. 4,000/-
(Note.- A general Chemical Laboratory is also pro-
vided in the Institution)

This is with reference
to the call for estimate
for dyehouse in 1916
115-2-4-2-16 (U)
S.K.

2. If a small dye-house is to be added the
extra cost will be about Rs. 2,000/- If it is pro-
posed to utilise power to dye yarn the cost will
be about Rs. 9,000/- If, further, it is proposed to
dye cloth in piece the expenditure will rise to

Rs.20,000 or 30,000, and even then the laboratory will be incomplete.

3. As I have explained the present proposal is merely to provide a laboratory and use the Institution workshops for making such models of plant as may be required. I strongly agree with Dr. Marsden that for the present, at any rate, it is much better to stick to the original idea to concentrate on laboratory instruction rather than to try and take up practical demonstration in dyeing.

4. I have to explain that Mr. Chatterton's monograph on the results of Dr. Marsden's experiments generally endorse my own views viz., that the results obtained are not such as to warrant any State action in the matter.

I have the honour to be,
Sir,

Your most obedient servant,

R. Ram
3/2/16
Director of Industries.

E.S. Departt

Telegram

To

The Secretary to the Govt of India
Department of Education

2/8/16
2/4

2/4

1/4

1/4

pages of cf.

N. 1167 your telegram N. 273.

25th March
Dyeing laboratory forms part of
Madura Technical Institute
Approximate cost of building [Rs]
Rupees fifteen thousand
Plant + materials in existing temporary laboratory will be used for (the) new laboratory
No definite estimates have been prepared as to additional cost of equipping
cost of maintenance including pay of expert estimated at Rupees

little be
refused and
thanked

16258 a year
of C.P.E for this purpose
N. 1167
19th

fifteen thousand per annum
Madras Education

8th
24.3.16
3/3/16

R. Ram
1/4

OFFICE NOTE.

SUBJECT. *Technical laboratory, Madras.*

From the Govt of India, Telegram No. 273825346

Register No. 1167.

- © In letter No. 11654^{Wt.}, dated the 26th October 1915, the Govt of India were requested to obtain the sanction of the Secretary of State for the permanent retention of Mr. Karsten's services. That Govt were informed in that connection that it had been decided to establish a permanent technical laboratory at Madras with technical classes in dyeing. The Govt of India now state that the sanction of the Secretary of State is necessary to the whole scheme ^(relating to) ~~regarding~~ the permanent retention of Mr. Karsten's services in connection with the laboratory & request information as to the cost of (1) building, (2) equipping & (3) maintenance of the laboratory.
2. Cost of the building. The laboratory

pages 7 of 7.

page 2 of notes to
G.P. No. 2380 W (F)
7.12.14

Slip (x)

[Signature]
1.4.16

Please see para 2
of letter to India
No. 1421 W (D)
14.12.15

para 1, page 2 of ref.

*I would like
to ask
K. L. S. S. S.
S. S. S. S. S.*

page 24 of G.P. No. 647
18/7/12 (E)

forms part of the new buildings which are under construction for the Madras Technical Institute. In reply to a telephonic message, the P.W.D. say that the cost of the dyeing section of the Institute is Rs 15,000 roughly. This figure may be furnished to the Govt of India.

3. Cost of equipping.

Mr. Marsden has already a temporary laboratory at Madras. There is no information before the Govt as to what additional expenditure will be incurred on the equipment of the laboratory when the new buildings are completed. In reply to a telephone message Mr. Dresser states that the cost of equipment of the laboratory will be Rs 1,000. This appears to be too low an estimate.

The Govt of India may be informed that there is already a temporary laboratory, & that the plant & materials in it will be utilized for the new laboratory & that the Govt have no estimate of the ~~extra~~ ultimate cost of equipment.

4. Maintenance.

As regards this, Mr. Chatterton's original estimate was Rs 15,000 per annum.

annum as shown below: -

	Per annum.	Per annum.
(1) Dyeing Expert -	Rs 750.	Rs 9,000.
(2) Assistant	Rs 100.	Rs 1,200.
(3) Clerk on	Rs 30.	Rs 360.
(4) two peons 1(8) + 1(9).	Rs 15.	Rs 180.
(5) lump provision for materials &c.		Rs 4,260.
	Total	Rs 15,000.

There is at present no assistant to the Dyeing Expert. The clerk & the peon in the Dyeing section of the Madras district get Rs 25-1-35 + Rs 10 respectively. As an assistant may have to be appointed when the new laboratory will be ready, the estimate of Rs 15,000 is fairly accurate. It may be communicated to the Govt. of India. A draft telegram is submitted for approval. It may issue after perusal by him.

31-3-16. 31/3/16
 L. L. L.
 P.T.O.

page 33 of Gr. No. 1191 EST
 22-10-14

CURRENT FINANCIAL
 2234
 Regd. 1-4-16
 Sol no 1167-1
 1.4.16
 V. V.

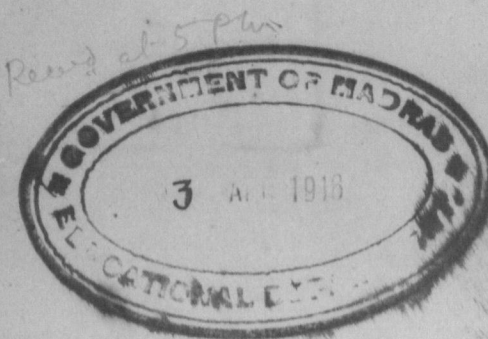
Financial dept.

Para: 4 of Educational note on page 2-3 ante:-

The estimated cost of Rs. 15,000 per annum for the Dyeing Expert, his establishment, materials etc. follows the estimate given by Mr. Chatterton in 1912 - (page 24 of G.O. No. 647 Educl. dated 18-7-12). The provision made in the budget for next year is Rs. 16,258. (page 192 - C.D.E.). It is for orders whether the Educational dept. may be asked to adopt the budget figure for next year in their reply telegram to India.

U.S.L. No. 1.4.16 C.S. 2.4.16.

Fri 2234-1
2.4.16



PA
Done. us

Educational Dept.

The telegram as amended may issue.

3/4/16

[Handwritten signature]

9

The telegram to the Government of India has issued.

2. Another point raised by Mr. Tressler in this connection has also to be considered. The ~~Director's~~ letter in the current file appears to be in part reply to para. 2 of G.O.No.115 Edl., dated the 4th February 1916, in which enquiry was made whether any alteration in the design of the dye section was necessary with reference to the suggestion of Mr. Chatterton to have a small dye house, apart from the tinctorial laboratory- please see his letter, dated the 4th January 1916 on page 2 of the G.O. quoted above. This dyehouse, where yarn is to be dyed in bulk, is intended for practical demonstration in dyeing. Mr. Chatterton considered that this would be of great assistance to the dye trade. Neither Mr. Tressler nor Dr. Marsden is however in favour of this proposal to have a dyehouse; they prefer to stick to the original idea of concentrating attention on laboratory instruction. It is for orders whether the proposal to have a dyehouse may be dropped for the present, reserving it for consideration later on, or whether Mr. Chatterton should be consulted on the matter further. Prima facie demonstration in a dyehouse will be on a comparatively large scale and will catch the public attention much more effectively than experiments

pages 2+3 of cf.

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experiments conducted in a laboratory. The construction of a small dyehouse entails according to Mr. Tressler an additional cost of only about Rs.2,000.

CR
7.4.16

I have accepted the view of Messrs. Morde and Tressler - A on previous page.

Mr. 8/4/16

Submitted that no separate orders seem necessary in regard to the question of opening a dyehouse. These papers may now be 'Recorded'.

8K
15.4.16.
CR
15/4/16

19.4.16

p. 209x

S. du
hui

8/4/16

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191

READ AGAIN G.O. No.
191

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.B.—

A = Copy in full.

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