

Home (1917)) Department.
(Education)

Germany SERIES.

G.O. No. 736.

DATED 6-6-1917.

INDEXED

[Despatch Abstract.]

Pencil experiments.

Sanctioning the proposal to continue the experiments in the manufacture of pencils for another six months and to incur a further expenditure of Rs.12,400 on the experiments.

BACK PAPERS.

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

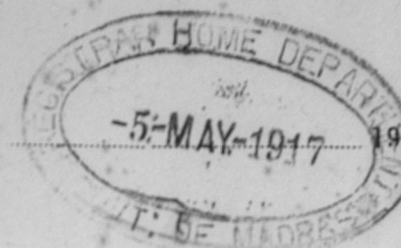
FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
42.	112	1343	8/26/17				

CURRENT FILE.

1/11/58 A 22
C.F.-29
5-5-17
DEPARTMENT.

Received



Registered

191

Subject.

Pencil Experiments:- Requesting sanction to continue

the ----- for six months.

ENCLOSURES

No.

Spare copies

Doc No. 57.

Station Madras., Dated the 25th April 1917.

From (Name) C. A. Innes, Esq., I.C.S.,

(Designation) Director of Industries.

To The Secretary to the Government of Madras,

HOME (Education) Department.
Through The Accountant General, Madras.

Sir,

I have the honour to apply for sanction to continue the experiments in the manufacture of pencil woods for another 6 months.

(A) 2. In G.O. No. 1186 Educational dated the 2nd November 1915 Government directed that the expenditure on these experiments should be limited to Rs. 10,000. Subsequently

(B) in G.O. No. 346 Educational dated the 29th March 1916 the limit was raised to Rs. 20,000 and again in G.O. No. 1091

(V) Educational dated the 17th October 1916 a further expenditure of Rs. 17,000 was sanctioned. Against this total grant of

Rs. 37,000, the actual expenditure up to the end of March

was as below

1914 - 15.	Rs. 5,793.
1915 - 16.	Rs. 10,630.
1916 - 17.	Rs. 16,955.
	<u>Rs. 33,378.</u>

33,400 (rounded)

The outstandings amount to approximately Rs. 1000, and I have in hand a balance of about Rs. 2600. Against the expenditure there are receipts on account of the sale of pencils amounting to nearly Rs. 6000.

3. The position in regard to the experiments is as follows. The pencils have undoubtedly improved, the finish is better, and the lead fairly satisfactory. They have been accepted by the Superintendent of Stationery who placed an order for 750 gross of cedar wood pencils and 2,000 dozen of Gmelina pencils. But I have not yet succeeded in placing them on the general market. Two European firms offered to take up the agency, but their terms were not attractive. An Indian firm then offered to take a very large quantity of pencils at a good price, and up till the beginning of this month I endeavoured to work through him as an agent. But he fixed the price of the pencils very high and not being able to dispose of them as quickly as he wished, was extremely dilatory in taking delivery of the pencils he had ordered. In fact between January and March he took only 600 gross out of the 2000 gross he had ordered, and eventually I had to break with him altogether. I am now trying to arrange myself for the sale of the pencils. The main difficulty is that all Madras merchants have very large stocks of Japanese pencils. However prospects are not unfavourable. I have had a large order from the Eastern Bengal and Assam Railway. The Government of Burma have asked to be supplied with Madras pencils, and I am now in correspondence with the Controller of Printing and Stationery. A European firm was asked for an agency in Ceylon, and in response to my advertisements I have had enquiries as to the terms on which I will grant an agency for the Straits, Poona, Kumbakonam and other places. In the circumstances it would be premature to close down the experiments.

4. Other considerations pointing to the same conclusion are the following:-

(1) A final conclusion as to the cheapest source of graphite still remains to be reached. Ore of fair quality can be had in the Presidency, but I am inclined to think that the cheapest course may be to import refined graphite from Ceylon. I have just obtained a quarter of a ton and am working it up into leads.

(2) The question of Indian woods still remains unsolved. This is a thorny problem. The difficulties are various:- In the first place, South India is a hard wood country and for pencils soft woods are required. Secondly, though soft woods do exist, not all soft woods are suitable for pencils. The pores must be small, and the rays closely packed. Thirdly, the wood must be cheap and available in commercial quantities. This is a great difficulty, for it is not much use asking the Forest Department for one kind of tree. Probably that tree occurs but only scattered here and there in the jungle, and it does not pay to extract isolated trees. Finally I don't want merely timber as such, but seasoned timber, and from the Forest Department with which I must work for uncommon timbers, it is difficult to get seasoned woods. In fact I am coming to the conclusion that in order to make a pencil factory really pay in the Presidency it would probably be necessary for the Company to have its own plantations of the wood it requires. In the meantime I am working only 2 out of 62 timbers hitherto tried. Neither is very satisfactory and with Mr. A.W. Rushington's assistance, I am endeavouring to procure other woods.

(3) Again at present I am selling unvarnished cedar pencils and uncoloured white pencils. They are fairly satisfactory as pencils, but they would sell better if the cedar pencils were varnished and the white pencils coloured. Experiments are now being begun in this direction.

(4) Further, it is only now that I am beginning to work out accurate data of production. My new accounts were introduced only on the 1st March, and it will take me

6 months before I can really say accurately what my pencils cost me.

(5) Finally there is a great demand now (1) for copying pencils and (2) for red and blue pencils. The Controller of Stationery has offered to take thousands of gross of the former if I can offer him a satisfactory quality. I have made some, but they are not good, and the experiments will be continued.

5. For these reasons, I propose that a further expenditure of Rs. 15,000 be sanctioned on the experiments. The estimate is as follows:-

Wood (Cedar slats and country wood)	Rs. 6,500
Graphite	1,000
Clay, borax, glue and wax	1,000
Labels twine etc.	250
Folding boxes	600
Fuel, lubricating oil	650
Labour at factory	2,500
General repairs and renewals including renewal of cutters and matrices	850
Crucibles	200
Experiments with different woods, graphites and crucibles	1,000
Unforeseen and contingencies	450
	<u>Rs. 15,000</u>

of this amount a sum of Rs. 2600 is still available from the allotment of Rs. 37000 mentioned above. The balance required is Rs. 12,400. The expenditure can be met from the provision of Rs. 55,000 in the Budget Estimate for the current year for 'Miscellaneous Experiments' under the head "26 Bm Scientific and Miscellaneous Departments - Director of Industries."

6. If I am to get more cedar (and cedar pencils are the ones that pay best) I must order at once, so I ask for very early orders.

I have the honour to be,
Sir,
Your most obedient servant,

Almeida

Director of Industries.

8-20-9-12-16.

OFFICE OF THE ACCOUNTANT-GENERAL, MADRAS,

Fort St. George, the 3rd of May 1917.

No. Tri P.A. 1491

ENCLOSURES:

FORWARDED.

2. There is no audit objection to the proposal being sanctioned by Government and the extra expenditure being met from the source indicated.

Deputy Accountant-General.

To

The Secretary to Government,

Home (Educational) Department.



R. Cor. experiment
37,000 + 12,400
= 49,400

para 11, p. 4
of Budget note
(a)

DEPARTMENT.

CURRENT No.

From

Received

191

Registered

191

Subject.

D.O.

MADRAS, POST BOX No. 454,
TELEGRAPHIC ADDRESS, "CHROMIUM."

30/4

191

My dear Harvey,

I am anxious
about my cedar supply.
Cedar pencils are being
like hot cakes just at
present. We are last
week I have had
one order for nearly
1250 pens as 3000
worth. Very stick of

Home (Est.) Department

Submitted that no communication from Mr. Innes on the pencil experiment ~~that~~ has been received here. Perhaps he ~~is~~ ^{has} ~~is~~ ^{has} addressed Govt. ^(through the AG) as to the continuance of the experiment. In G.O. No. 1091 Home (Est.), dated the 17th October 1916, the Govt. sanctioned the proposal of the Hon'ble Mr. Conchman to incur a further expenditure of Rs 17,000 on the pencil experiment. Of the above sum, Rs 7,000 was for the purchase of cedar wood from East Africa including freight & all charges.

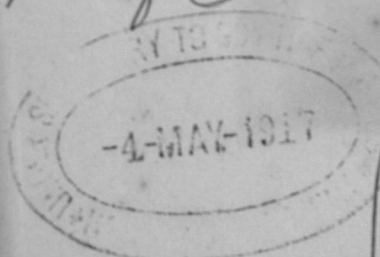
~~Apparently the Govt. has~~
Mr. Innes now proposes to purchase more wood. There is a provision of Rs 20,000 for pencil experiment in the current year's budget estimate. It is therefore for order whether Mr. Innes may be allowed to order more wood in anticipation of formal sanction.

8th 3/5/17 L. This may be done
8th 3/5/17

p. 100880. 1091 (V) 17.10.16

p. 100880

Please see para 11 of budget notes p. 4 of Q



475701

NOTES.

Page 5 infra

Draft do. is submitted for approval. It may be sent to the Int. Dept. for perusal before issue.



Home (Edn) no 1926 A-1

4.5.17



SK

4.5.17

4.5.17

4.5.17

4.5.17

Financial Dept.

Subd that the case may be returned to Home (Edn) after perusal.

4.5.17

4.5.17

4.5.17

3529

FINANCIAL

Recd 5-5-17

File no 3529-1
5-5-17

15.5.17

4.5.17

CF.

(The letter was received on the evening of the 15th inst.)

para 5, p. 4 of ref.

Page 5 infra

Submitted that Mr. Innes' official communication on the subject ~~has~~ has since been received. In it he proposes to purchase ~~cedar slats and country wood~~ cedar slats & country wood costing Rs 6,500 on the whole. The draft do. may therefore be modified as indicated therein. The draft as revised is for approval. After issue, the file will be resubmitted for orders on the draft.

8/14
7.5.17. ~~For~~ 1/5 for the D.D. as usually
~~assumed & do so~~ without delay.

Σελ 4
7.5.17

P70

Home (Education) Department.

D.O. 1926.4-28.5.17

Dear *James*,

In reply to your demi-official letter of the 30th ultimo I am desired to say that, in anticipation of formal sanction, you may order more cedar wood required for the manufacture of pencils *as proposed in your letter of the 25th April 1917.* provided the cost does not exceed

Rs. 7,000. Your official communication on the subject has not yet been received.

Glad to hear "pencils" are doing well

Yours *very truly*

[Signature]

[Signature]
4.5.17

To
C.A. Innes, Esquire, I.C.S.,
Officer in charge of the
Department of Industries

Department of Industries

PTO

p. 5- supra.

The O.S. to Mr. Innes has issued. In his official letter in the current file Mr. Innes clearly explains the necessity for continuing the pencil experiments for a further period of six months. The experiments in graphite + wood ~~are still in progress~~ have not yet been completed and reliable data of cost of production of pencils have yet to be worked out. In these circumstances, the Govt way, it is submitted, accept the proposal to continue the experiment and sanction the further expenditure of Rs. 15,000 proposed by Mr. Innes. A draft order is submitted for approval. It may be sent to the Finl. Dept. for acceptance.

SK
9/5/17
11/5/17

What Mr. Innes asks for is

- a/ Permission to continue the experiment for 6 months
- b/ Sanction to spend Rs 12,400. He has Rs 2,600 ~~sanctioned~~ in hand of funds already sanctioned. There is no need to sanction Rs 2,600 over again.

elk
13.5.17

NOTES.

Page 7 ✓

para 5, p. 4 of C.F.



Submitted that Rs. 15,000 was entered in the draft as that represents the amount to be spent hereafter. This amount is to be met partly from the balance on hand & partly from the provision entered in the budget under 'Miscellaneous expenses'.

2. A revised draft is submitted for approval.



SK
14.5.17.

I cannot quite follow the figure with the first. kindly advise whether the draft, before the sanction for expenditure is incurred & correct?

Home (Sd) 14.5.17

14.5.17

CURRENT NO.
3749
FINANCIAL
Recd 14.5.17

Elk.
14.5.17

- Fin. Sec.

Financial department.

Submitted that the letter from the Director of Industries dated 25-4-17 (pages 1-4 of C.F.) is not quite clear.

In paragraph 2 (pp. 1-2 c.f.), he says that out of the total sum of Rs. 37,000 up to which he was permitted to incur expenditure on pencil experiments, a total expenditure of Rs. 33,378 was incurred up to the end of 1916-17. The balance is Rs. 3,622; and the Director says that there are outstandings to be Rs. 1,000 and that he has in hand a

NOTES.

Page 8

It is not quite clear what is meant by the balance in hand. It is presumed that no money has been drawn by the Director from the Treasury in advance of requirements (contrary to the ruling in article 84-A of the C.A. Code).

2 In para: 5 of his letter (page 4 c.f.) the Director requests sanction for a further expenditure of Rs. 15,000 and remarks:--

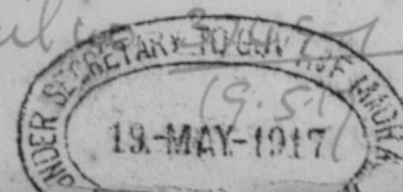
"Of this amount, a sum of Rs. 2,600 is still "available from the allotment of Rs. 37,000 mentioned above. The balance required is Rs. 12,400."

What the Director wants is evidently that sanction should be given to the incurring of an expenditure of Rs. 12,400 in addition to the total sum of Rs. 37,000 for which permission has already been given and which has not been fully spent.

Submitted that Home (Education) may be requested to amplify the draft.

3 Funds.- The expenditure which will be shown in the accounts for 1917-18 will be Rs. 12,400 plus Rs. 3,622 (unspent balance on 1-4-17 of the total sum of Rs. 37,000), i.e. about Rs. 16,000. The Civil Budget Estimate for 1917-18 contains a provision of Rs. 20,000 for pencil experiments (included in the figure Rs. 55,000 under 26-Bm. Scientific and Miscellaneous departments - Department of Industries - Miscellaneous experiments).

W.D. 18.5.17. bsk. 18.5.17. I suggest l. that the file be referred to li. Mr. Lunn. He will no doubt. matter up. *[Signature]*



eg. para 2 on Page 1-2 of

vide para: 2 above
x vide para: 1 above.

Q. Page 4 of Budget Notes, May 1917
Page 197 of C.A. for 1917-18.

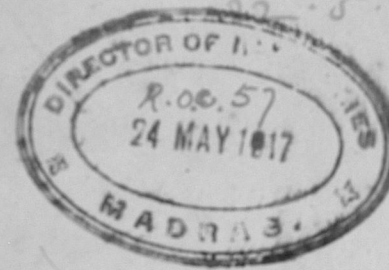
File

Home (25th) Dept.

Submitted that, as suggested by the Fin. Dept., the file may be sent to Mr. Lumsden for remarks.

8th
19.5.17.

Home (25th) no. 1958 A-2



[Signature]

To Mr. Lumsden.

12.5.17

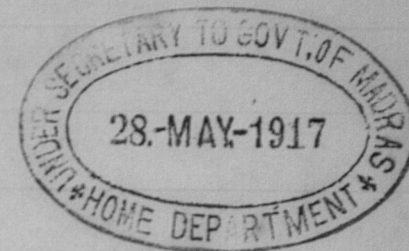
Against my allotment of Rs 37,000, the total expenditure up to 31.3.17 was Rs 33,378. Since the unspent balance was Rs 3622. But outstanding liabilities (which could not be paid before the end of March owing to non-receipt of bills) amounted to about Rs 1000. That is why I said I had Rs 2600 available out of the Rs 37,000 allotment. No money has been drawn from the Treasury in advance of requirements.

2. What I want for the

Net 6 months of this year
is Rs 12,400

Chambers
24/5

Home Dep! (25)
V.O



Home (25) Department.

The draft has been modified in
accordance with Mr. James' note above.
If approved, it may be sent to
the Fin! Dept! for acceptance.

SK
28/5/17

29/5/17

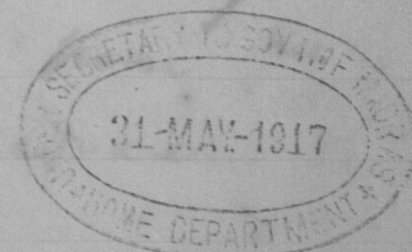
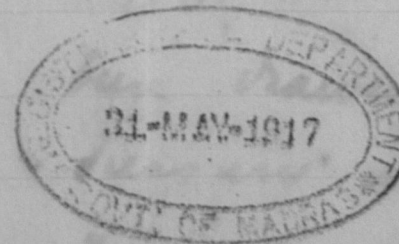
29.5.17

Financial Dep!

Submitted that the draft (revised)
may be accepted.

65/6.
30.5.17.

31.5.17



2000 n. 1958A-3
30.5.17

4147
FINANCIAL

Recd 30.5.17.

Finbu 4147-1
31.5.17

Ardu in CR

31.5.17

SK

Home (Edn) Dept.

Submitted for orders whether the draft may now issue.

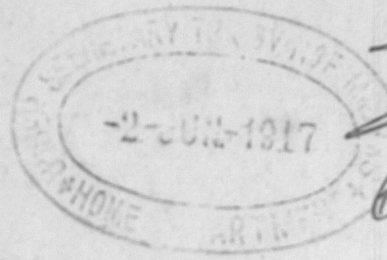
8K
31.5.17.

Y.S. H. 17. has not run.

3.6.17

Circle to HM 3.

May 2/6/17



Box 11
Circ 2.6.17.
Ref. 4.6.17

H. M (Finnel) and H. E
should also see. Please
circulate to them.

3.6.17

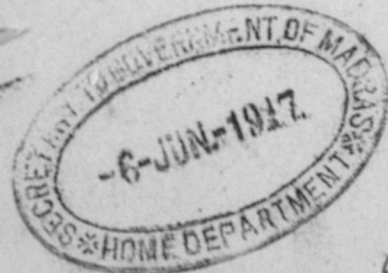


H. M (Finnel)
H. E the Governor

May 5/6/17

5.6.17

6.6.17



me
6/6/17

Box 3
Circ 5.6.17
Ref 6.6.17

(100)

1/3

General's report
2nd abstracting the proposed to be
the report in the original
for our use in the
1001

Office in
1901

1901

When given for copying
When copied
When examined
When signed

1/3
8/17
8/19
9/16

REAP AGAIN G.O. No. 191 DATED

CURRENT No.

ENCLOSURE TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DITTO

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

A A A A A A A

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