

Educational (1898) Department.

ORDINARY MS.

G.O., No. 39

DATED 26.1.98

INDEXED.

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26.1.98

[Despatch Abstract.]

Sanctioning an expenditure of
Rs 1500 in connection with the
manufacture of aluminium
Vessels to be carried on in the School
of Arts.

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26.1.98

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	968/98		18/1/98				

Educational (1898) Department.

CURRENT No. 48

From

The Director of Public Instruction
Madras
15. JAN. 1898
No. 231

Order
no

no 39826-1.98

Sanctioned.

Dated 14 January 1898.

Received

Registered

Enclosures 2.

Spare copies

SUBJECT.

Requesting the sanction
of Government for an expenditure
of Rs 1500 in connection with the
manufacture of Aluminium
vessels carried on in the School
of Arts.



To The D.P.D. 440
A.S. 140 } Despatched
27/1/98

BACK PAPERS.

G.O.	No.	Department.	Date.
	736		13-12-97
	1049		14-12-97
	790		17-11-96

FURTHER PAPERS.

G.O.	No.	Department.	Date.

	Budget estimate for 1897-98	Actual expenditure till 31 st Dec 1897	Balance available on 1 st Jan 98
Library and Prizes	300		300
Materials	4000	3061 15 11	938 0 1
Stipends of Apprentices	3750	2415 10 10	1334 5 2
Wages of coolies	4000	2770 8 5	1229 7 7
Purchase of apparatus	75		75
Petty works of construction	100		100
Expenses on account of Monograph	100		100
Money order commission	2		2
Purchase of European & Country articles	200	1	199
Hot and cold weather charges	25	2 14 0	22 2 0
Purchase of Periodicals	150	33 1 9	116 14 3
Repairs to Furniture	70	34 14 2	35 1 10
Peons' Belts and badges	10		10
Gardening	25	19 7 0	5 9 0
Advertisements	50	17 10 0	32 6 0
Postage charges	65	30 2 6	34 13 6
Telegraph charges	15	4 12 0	10 4 0
Rents Rates & Taxes	1007	1006 8 0	0 8 0
Binding charges	50	27 1 0	22 15 0
Packing charges	400	284 5 4	115 10 8
Petty carriage & coolies	163	45 11 5	117 4 7
Office expenses	18		18
Purchase of books	5		5
Landing and Shipping charges	150		150
Freight charges	100		100
Rent for the Steam Engine &c	65	36 14 1	28 1 11
Repairs to Play ground	75		75
Charge for Living Models	25		25
Charges on a/c of furnishing ^{or II} _{to in private furn}	150	81 12 0	68 4 0
Miscellaneous (Trivial bills & Photo.)		25	25
Total.	15145	9899 4 5	5245 11 7

No 1230.

5th Jan

CTOR OF

To

ION,

The Director of Public Instruction,

1898.

Madras.

Sir,.

I have the honour to inform you that the experiments which I have been conducting during the past month in the manufacture of native cooking and other utensils in aluminium have been very successful and the metal work instructor and his class find no difficulty whatever in working with the metal with the single exception that they are not able to satisfactorily solder it. A considerable number of orders have been received which will be executed as soon as a supply of metal is received from England and there is no doubt that many more would have been given if I had been in a position to definitely fix prices at which articles could be sold.

In introducing a new metal to the artizans of this country the difficulties to be overcome are very considerable and I can only hope to succeed if I am allowed a somewhat free hand in the initial stages in the matter of expenditure. The cost of working is at first high owing to want of experience and contracts and orders will have to be taken and carried out at a loss owing to the impossibility of accurately determining the price at which work can be done. Further to get the metal known and appreciated it will be necessary to send out for distribution and circulation a number of specimens the value of which cannot be recovered. In fact a number of charges will have to be incurred which in a private manufacturing concern are considered as items which go to make up the value of the good will of a business.

There is, I think, but little doubt that several private firms in Madras would gladly take up the work and carry it on as a commercial venture but it is on the other hand I think desirable that the School of Arts should take up the lead in a matter of this kind and if you agree with me I should be glad if you would sanction some allotment of fun

X in the
file

1898
8th Jan
1898
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...000 in the following year in excess of the amount received
the sale of the aluminium goods which may be ordered. I expect
ceive a new supply of metal about the middle of February
ne expenses which should be incurred will amount to about
500 to the end of March. The greater part of this sum will be
eventually recovered by the sale of the products of manufacture.
I enclose a statement showing the balance available under each
sub-head of the budget on the 1st January 1898, from which it
will be seen that without stinting the other departments of the
School it is impossible to provide more than a few hundred
rupees for the current year.

The introduction of aluminium into this country as a substitute
for copper and brass is a matter of extreme importance from an
industrial point of view as should this experiment succeed it
will eventually result in the establishment in India of El
-Metallurgical works for the production of aluminium from
materials found in the country. Copper and brass are im
at the present time to the extent of 31000 tons a year
at probably 150 lacs of rupees and it is certainly wort
expending, even at a period of such great financial pressur
I am aware is now existing, a few thousand rupees on an exper
ment of such great economic importance.

I have &c
(Sd) Alfred Chatterton,
Officer in charge.

/True Copy/

Director of Public Instruction.

CURRENT No. 48 Ed.

OFFICE OF THE DIRECTOR OF
PUBLIC INSTRUCTION,
Madras, 14 January 1898.

No. 231.

From

THE HONOURABLE MR. D. DUNCAN, M.A., D.Sc. LL.D.,

DIRECTOR OF PUBLIC INSTRUCTION,

Madras,

To

The Secretary to Government,

Educational Department.

SIR,

With reference to the enclosed copy of a letter
from Mr. Alfred Chatterton, Professor, College of Engineering,
in charge of the School of Arts, No 1230 dated 5th instant,
I have the honour to request that you will be good enough to
obtain the sanction of Government for an expenditure of Rs. 1500
during the current year in connection with the experiments
which the above officer has, with my permission, been carrying
on with Aluminium in the School of Arts. Satisfactory results
cannot be obtained without an initial outlay, which, as
Government will observe, is very small considering the value
of the experiments and the economic importance of the subject.
Mr. Chatterton hopes to recoup a large portion of the
expenditure proposed to be incurred by the sale proceeds of
the manufactured articles.

2. Out of Rs. 23937 sanctioned on account of new furniture
for the Law College in G.O. No 756, Educational, dated 13th
December 1897, about Rs. 11500 is likely to lapse during the
current year as a portion only of the furniture and fittings
is expected to be finished by the close of March next, and
the allotment of Rs. 1500 herein applied for may be met from
the above balance.

3. On further experience being gained of Mr. Chatterton's

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rent year and arrange to provide for

experiments, I shall decide as to what amount would be required during the ensuing year.

4. I beg to solicit the favour of very early orders on this letter.

I have the honour to be,
Sir,
Your most obedient servant,
D. D. D.
Director of Public Instruction.

When given for copying *26/1*
When copied
When examined *126/1* } 1898
When signed

READ AGAIN G.O., No
189

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO

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

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N.B.—
A = Copy in full.
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