

Law (Education) 1925 Department.

Mis SERIES.

G.O. No. 210,

DATED 10/2/25-

[Despatch Abstract.]

College - Presidency - Physics Department -

Local purchase of certain workshop machinery -

Sanctioned.

BACK PAPERS.

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

FURTHER PAPERS.

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

C.F. 30-41,000-8-9-24.

LAW (EDUCATION)

DEPARTMENT.

2

Received



192

Registered

192

Subject.

1. E 160C
16/1/25

Presidency College, Madras - Purchase of certain workshop machinery - sanction solicited

ENCLOSURES.

No.

R.O.C. No. 871 A/24

Spare copies

Station Madras, Dated the 10th January 1925 192

From (Name) R. Littlehailes Esq., M.A.,

(Designation) Director of Public Instruction

To The Secretary to the Government of Madras,

LAW (EDUCATION) Department.

Sir, The Principal, Presidency College, Madras reports that the nature and volume of work done in the workshop of the Physics Department of the college has increased considerably of late and that it is highly desirable and necessary that it should ^{be} equipped on up to date

1. Drummond 7 inch centre 6 feet bed power Lathe with standard accessories	Rs 2250	lines by the
2. The Taylor Hobson Engraving machine Pattern C for general work with grinding attachment and emery wheel, power countershaft copy holder No. 2 and standard copies	1100	purchase of
	3350	the marginally
Total Rs.	3350	noted machi-

nery, if the workshop is to meet effectively the demands on it for class work and research.

All the honours students it is reported are now made to go through a regular workshop course in metal

and woodwork and laboratory technique. In the current year one research student has been admitted to work in this department and it is intended to take in more students from next year onwards. Besides, owing to the increase in the strength of the science sections of the B.A. and Intermediate classes, many duplicates of apparatus and many pieces required for practical classes and demonstrations have to be made in the laboratory itself.

There are two foot lathes in the workshop both of which can be used for light work. Most of the machines in the workshop have to be worked by treadles or by hand which restricts the size of the work turned out and causes great delay in execution. A power lathe for handling long and heavy pieces is therefore considered very necessary, as the laboratory, the Principal points out, has passed the stage when treadle and hand-driven machines could be solely relied on.

There is also in the workshop a fine dividing engine which is used in fitting up apparatus; but the scales drawn with it cannot be given a finish for accurate work on metals owing to the absence of a machine for engraving figures. The work is now completed by hand carving which is not satisfactory and takes up a lot of time. An engraving machine is therefore reported to be badly needed.

I am convinced of the reasonableness of the Principal's proposal and accordingly request that Government will be pleased to sanction the local purchase of the machines mentioned supra.

The Principal has also asked for the employment of a mechanic on Rs 40-2-50 in the workshop. I shall however address Government later on this subject.

The cost involved by these proposals will be met on receipt of Government orders on this letter by reappropriation from the anticipated savings out of the provision for 1924-25 in the voted section under "31 A(a)(i) Education-

3
Government Arts Colleges itself.

I solicit the favour of very early orders.

I have the honour to be,

Sir,

Your most obedient servant,

W. C. Douglas
for Director of Public Instruction

P.R.K. 14/1
15.1.25

*This may be
awaited*

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

” ” ” ” ” 192 .

C. No. 160 C, From the D. P. I. R. O. C. No. 871 A/2, dated 10-1-25 192

” ” ” ” ” ” 192 .

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No. 210, dated 10-2- 1925.

Mos.

The Government sanction the local purchase of the following items of machinery for use in the workshop of the Physics Department of the Presidency College, Madras, at an aggregate cost not exceeding Rs 2,368 -

1. Drummond 7 inch centre 6 feet bed power Lathe with standard accessories -

~~Rs 2,200/-~~

2. The Taylor Hobson Engineering machine Pattern C with grinding attachment and emery wheel, power countershaft copy holder No.2 and standard copies -

2. The expenditure will be met by re-appropriation from the anticipated savings under "31 A (a) (1) Education - University - Government Arts Colleges - Transferred - Voted - in the Civil

F.P.
16-1-25
17.1.25
19.1.25

To

The D.P.I.

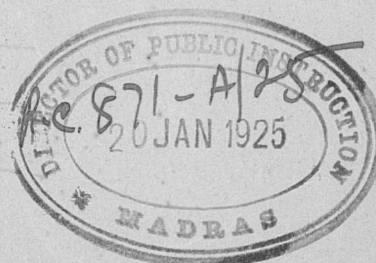
" A.G.

Note

It is not stated why local purchase is found necessary. The case would come under either rule 3 (a) or rule 5 of the 'Stores' rules printed with G.O.No. 548 Financial, dated 12-8-13. In either case it should be recorded why the machinery cannot be obtained by indent on the Director General of Stores but should be purchased here. The D.P.I. may be requested u.o. to explain the necessity.

17.1.25
19.1.25
D. P. I.

Law (Edu) 160 C.1/25
19.1.25



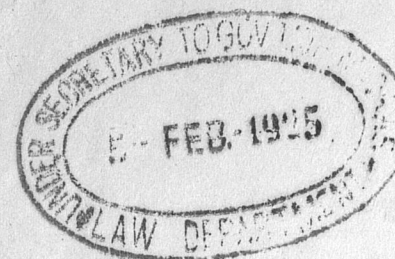
P. T. I.

U.O. Reply No. 871-A/2484-2.25

The Principal of the College, Mr. Duncan, informs me that the machinery is expected to cost:-

	If obtained from England.	By local purchase
(1) Lathe	£ 155/-	Rs. 2,120/-
(2) Engraving machine	£ 80/-	1,248/-
	£ 235/-	Rs. 3,368/-

235
15
225



A. En 410C
17/25

He endorses the remarks of the Professor of Physics as to the expediency and the necessity of purchasing them locally. The remarks of the Professor of Physics are as follows:-

"We have obtained from the Madras local agents for the English firms selling these machines their value in England and their cost for delivery at the Presidency College and have satisfied ourselves that the local purchase would not cost more than about 2 1/2% but that we have the advantage of the articles being delivered in good condition on the spot ready for work. The direct purchase from England will cause a delay of about a year to get them through the Director-General of Stores and more delay may be caused, if any part happens to be injured during transit.

"The great delay caused in making the usual repairs to apparatus in use and in providing new apparatus required in the laboratory owing to the increased strength of the science classes and the existing provision of treadle lathes with a single mechanic will be immediately removed. Besides the Honours students can have a better workshop training and the research students will be able to make their improvised apparatus easily without delaying their work. Hence the purchase of these machines locally urgently is justifiable."

M. R.

Law (Edu) Dept.

A.S.

In the circumstances explained by the
D. P. S. at page 3 ante, the draft may issue ante
as amended.

9.2.25
9.2.25

9.2.25

10.2



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192

HEAD AGAIN G.O. No.

192

DATED

CURRENT No.

ENCLOSURE TO G. No.

ORDER OF GOVERNMENT ..

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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

N.B.—

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