

Educational (1906) Department.

ORDINARY MS.

G.O., No. 400

DATED 9.6.6.

RECEIVED

[Despatch Abstract.]

Grants. Declining to sanction any grant towards the cost of the astronomical apparatus, ^{proposed to be purchased} for the Pachayappa's College & stating that a grant, ^{of Rs 375} not exceeding Rs 375, will be made by Govt for the purchase of mathematical instruments and apparatus. ^{in same College}

BACK PAPERS.

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

FURTHER PAPERS.

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

[E.]
1,500-12-12

EDUCATIONAL DEPARTMENT.

CURRENT FILE.

CONTENTS.

	From	Number.	Date.	Pages.
[46]	Ne D. P. I.	7881	2-5-06	1-10.

PAPERS PUT UP WITH CURRENT No. _____

Papers of the department to which the current belongs.

Number.	Date.	Original (=O) or spare copy (=S. C.).	Remarks. (In this column such of the papers as have been removed for copying, printing, &c., 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.).	Despatcher to note the return of the papers to the departments concerned.

Stock Form No. 135
3,700-17-6-05.

Ed CURRENT No. 746

EDUCATIONAL DEPARTMENT.



Received

190

Registered

4-5-1906

Subject.

Submitting for orders of government an application for a
grant-in-aid towards the cost of Mathematical and Astronomical
apparatus proposed to be purchased for the Pachaiyappa's college
M a d r a s.

ENCLOSURES.

No. 3

Spare copies

Ref. No. 7881/05.

Station M a d r a s, Dated the 2nd M a y 1906.

From (Name) The Hon'ble Mr. A.G. Bourne, D.Sc., F.R.S.,

(Designation) Director of Public Instruction

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

Sir,

I have the honour to submit for the orders
of Government an application for a grant-in-aid towards the
cost of Mathematical and Astronomical apparatus proposed to be
purchased for Pachaiyappa's College, Madras.

The affiliation of the College to the University
of Madras in Branch I /Mathematics/ was sanctioned in G.O. No.
154 Educational dated 7th March 1904. In seeking affiliation
the Trustees explained that they intended to make provision
for the teaching of practical Astronomy and one of the conditions
under which affiliation was sanctioned was that a suitable
building should be provided for the transit instrument and
equatorial telescope. The trustees are now taking steps to
supply the Astronomical instruments and apply for a grant

2.
towards their cost as well as that of certain Mathematical instruments.

The lists of instruments and apparatus proposed to be purchased have been referred to the Professors of Physics and Mathematics of the Presidency College who approve of them in the main, but suggest that the Piezometer may be dispensed with and express a doubt as to the value of an Orrery.

They also think that a mean time regulator clock is redundant and that the money could be better spent in providing a better siderial clock than that indented for. Further they call attention to the fact that with the transit instrument only one Coordinate /Right Ascension/ can be determined and for the accurate determination of the second Coordinate /North Polar Distance/ the instrument should be fitted with Circles and microscopes in which case it would become a transit circle and the cost would go up to about £ 200-

The trustees are not prepared with any definite scheme for a building in which to locate the instruments.

One of their proposals is to erect an Observatory on a site to be obtained by demolishing two shops adjoining Pachaiyappa's Hall, another to erect it on the terraced roof of one or other of the College buildings. None of the sites appear very suitable for an Observatory. The College building is surrounded on three sides by houses, some of them lofty and in order to obtain a view of the heavens the floor of the Observatory would have to be at such a height above the ground level that all vibrations would be multiplied and very accurate observations with the transit instrument would be out of the question.

In these circumstances the conversion of the transit instrument into a transit circle would not be worth the extra expense.

There is no one at present on the staff of the College who has much practical acquaintance with Astronomical instruments but the trustees intend to employ as teacher a retired and pensioned observer who was trained at

2.
the Government Observatory under Messrs Pogson and Michie Smith-

A teacher of this kind would doubtless be able to take good observations -and train students to take them-with instruments properly set up whose errors were determined but it is problematical whether he would be able to set up the instruments and determine their errors.

The apparatus and instruments comprised in the first list headed "Mathematical section" are fairly well chosen with the exception of the Piezometer. The Photographic Camera however and the Spectroscope are hardly necessary.

I have the honour to be,

S i r ,

Your most obedient servant,

E. J. S. S. S.

For Director of Public Instruction

H. J. S. S. S.

Name of institution.	Responsible Manager.	Number and date of the order recognizing the school under the Educational Rules.	Number of books, articles, &c., required.	Description of articles, books, &c., required.	Total cost.	Amount of grant applied for.
1	2	3	4	5	6	7
Pachaiyappa's College, Chaddas	The Secretary, Pachaiyappa's Charities, Chaddas	Dri Pro. 27 19 th September 1891 No. 11116		81 Mathematical Instruments — } 9 Astronomical Instruments — }	300 4 - 72 - - Rupees 5283 at 12 annas per shilling - A separate list of Instruments are enclosed.	RS. £ s d 2641

Declaration.—I, the responsible manager of the school, do hereby declare that the conditions of recognition and aid excepting such rules as the institution has been specially exempted from by the Director's Proceedings No. ; and that and registers to inspection, and to furnish such returns as may be required by the department; and that I shall abide by on which grant has been drawn.

Pachaiyappa's Trustees' Office
STATION, Chaddas

Date, 31st August 1905.

Note.—The particulars under column 8 should be furnished

IN THE CASE OF FURNITURE.			Inspecting Officer's remarks regarding the supply of furniture in the last report on the school.	Amount of furniture and other special grants drawn by the school in previous years, with number and date of the order sanctioning them.	Financial condition of the school according to the financial statement for the official year preceding the date of application.	REMARKS. (Necessity for the proposed supply.)
Forms or classes for which the new furniture is required, with average strength of each.	Dimensions of each article.	Total cost of one article.				
8	9	10	11	12	13	14
		RS. A. P.				
Junior B.A. 71				1466 7 15-3-04		
Senior B.A. 81				1663 - 26-3-04		
				1996 - 27-3-05		
				2077 - 29-3-05		
				5527 - 17-8-05		
					Surplus or Deficit. Rs. 6147-2-2	
					(1) In departments eligible for aid from Provincial Funds (2) Do. do. from Local Funds	

laid down in the Madras Educational Rules and in the Grant-in-Aid Code are being, and will continue to be, fully observed, I am prepared to subject the institution, together with its current endowment and trust accounts, its establishment, time-table the provisions of rule of the Grant-in-Aid Code in the event of the school being closed within five years from the date

also in the case of books, maps, &c.

R. S. Ramanujam
Secretary

For the use of College Classes.

C. No. 746, from the Director of Public Instruction, No. 7881, d/2-5-1906.

ORDER:-- 400 d/9. 6. 06.
Mis.

It is observed that a 4 $\frac{3}{4}$ in: equatorial with a transit and accessories would require a specially built observatory and a trained observer. ~~As the Trustees of the Fachaiyappa's College are not prepared with any definite scheme to construct a special observatory, the Government are unable to give any grant at present towards the cost of the astronomical apparatus.~~

S.P. 7/6
Moreover the astronomical equipment proposed is far in excess of what the office is ~~prepared~~ for purely educational purposes. In these circumstances. (Alternative)

2. As regards the mathematical apparatus and instruments, the ~~Director~~ ^{Director} ~~advises~~ ^{advises} Government consider that the Piezometer, Camera and Spectroscope are of doubtful utility ~~being excluded, the cost of the~~ ^{but will give a grant not exceeding Rs. 500 or a grant of a sum equivalent to half the cost of such of the instruments as the Trustees may decide to purchase, whichever may be less, subject to a maximum of Rs 375.}

2. As regards the mathematical apparatus and instruments it appears that the Piezometer, Camera and Spectroscope are of doubtful utility and Government are not prepared to give a grant for them. A grant of Rs. 500 will, however, be made towards the cost of the rest of the instruments which the Trustees propose to purchase.

~~The trustees~~

~~These instruments & connected apparatus~~ ^{being excluded, the cost of the} ~~but will give a grant not exceeding Rs. 500 or a grant of a sum equivalent to half the cost of such of the instruments as the Trustees may decide to purchase, whichever may be less, subject to a maximum of Rs 375.~~

Please despatch the required copy to the D.P.I. by the 20th Dec. 1906.

To the D.P.I.
" A.G.

S.P. 7/6
Dec 16/06
Dec 16/06

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C. No. 746, from the Director of Public Instruction, No. 7881, d/2-5-1906.

ORDER:--
Mis.

It is observed that a 4 $\frac{3}{4}$ in. equatorial with a transit and accessories would require a specially built observatory and a trained observer. As the Trustees of the Pachaiyappa's College are not prepared with any definite scheme to construct a special observatory, the Government are unable to give any grant at present towards the cost of the astronomical apparatus.

2. As regards the mathematical apparatus and instruments it appears that the Piezometer, Camera and Spectroscope are of doubtful utility and Government are not prepared to give a grant for them. A grant of Rs. 500 will, however, be made towards the cost of the rest of the instruments which the Trustees propose to purchase.

As
5.6.06.

To the D.P.I.

" A.G.

[Faint handwritten notes and signatures on the left page, including "To the D.P.I." and "A.G."]

dated

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READ ALSO:—

C. No. 746, From the

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No 7881

2-5-

1906.

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” ” ” ” ” ”

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ORDER

No.

dated

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It is observed that a $4\frac{3}{4}$ in:

Equatorial with a Transit and accessories
would require a specially built Observatory
^{frames}
and an Observer, for the purpose of which the
Trustees of the Pachayappa's College are

not prepared with any definite scheme.

The Govt. are ~~therefore~~ unable to give any grant
^{apparent} towards the cost of the Astronomical apparatus
~~proposed to be purchased~~

2. As regards the mathematical apparatus & instruments proposed to be purchased it appears that the Piezometer, Camera and Spectroscop are of doubtful utility, but a grant of Rs 500 will be sanctioned ~~to purchase~~ ^{to indicate}.

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to construct a special boundary
~~accordingly~~

of the one not prepared to
give a grant for them. A
grant of Rs 500 will,
however, be made towards
the purchase of the rest
of the instruments which the
Trustees impose to
purchase.

