M.R.O. 1—77,000—8-6-37.

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(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Financial DEPARTMENT.

G.O. No. 1888 Press ~~Mis.~~

214-215

Dated 26- 12— 1873.

10/4

Not to be folded or roughly handled

No. 214. Read the following letter from N. R. POGSON, Esq., F.R.A.S., Government Astronomer and Meteorological Superintendent, to the Hon. W. HUDLESTON, Chief Secretary to Government, Fort St. George, dated Madras, 20th December 1873 :—

I have the honour to submit for sanction the financial estimates for the two offices under my charge.

2. The Government Observatory estimates contain no variation from the current year's grant. There will, however, be some very considerable and almost immediate outlay involved in the erection of the three public electrical clocks, which arrived lately and are now ready to be put up. Until the site of each clock has been selected by Government, and estimates framed by the Public Works and Government Telegraph Departments, I am quite unable to state what will be the costs, but presuming that the three positions will be near the Pier, in Mount Road, and either in the Adyar or at St. Thomas' Mount, I do not suppose the charges can be much under Rupees 2,000 for the three clocks, as each one will require a separate and distinct line of telegraph to place it under electrical control of the normal or motor clock in the Observatory.

3. No additional provision appears to be necessary in anticipation of the transit of Venus on December 8th, 1874, as I do not intend leaving the Observatory on that occasion, considering that the observations made here are worthy of all the time and attention I can bestow upon them, and that if, as I believe is to be the case, a station is to be established in the North of India, about Peshawur, its charge will more properly devolve upon Colonel J. F. Tennant, R.E., on the staff of the Great Trigonometrical Survey, who are much nearer the locality than I am. A Chronograph would be very desirable for this and many other more ordinary phenomena as well. Should this, however, be found necessary, it will of course have to be supplied through the Home Government, and will not, therefore, require any additional provision in my local contingent expenditure. Its cost would probably be about (1,000) one thousand Rupees or less.

4. The actuals for 1872-73 in the estimates of the Meteorological Department must, as usual, be filled in at the Accountant-General's Office. The reduced contingent allowance of Rupees 982, sanctioned for the current year, having been found insufficient for the wants of the twelve stations, a small increase has been made in the estimate for 1874-75, which it is hoped may be permitted.

No. 215. ORDER THEREON, 26th December 1873, No. 1888.

The Government Astronomer submits the Budget Estimates of the Madras Observatory and Meteorological Department for 1874-75.

2. *Observatory.*—The estimate on account of the Government Observatory for 1874-75 amounts to Rupees 17,300, which is the same as the figure for 1873-74. No provision has been made in the estimate for putting up the three electrical clocks which have been ordered out and have lately arrived. The expense is estimated by the Government Astronomer at about 2,000 Rupees, and this sum will be inserted in the estimate, raising the total charge to Rupees 19,300. The

Chronograph, only if absolutely required for the purposes indicated in Mr. Pogson's letter, might be obtained through the Home Government. He will report on the point.

3. *Meteorological Department.*—The Budget Estimate of the Meteorological Department for 1874-75 amounts to Rupees 15,200, being 200 Rupees more than the estimate for 1873-74. The increase is in the item of "Contingent allowance," the provision on account of which in the previous year was found to be insufficient.

4. The estimates are passed at Rupees 19,300 and Rupees 15,200, respectively.

(True Extract.)

Chief Secretary.

To the Government Astronomer.
,, Accountant-General.

Ead. S. T. Austin.

Govt. of {1873} Madras.

FINANCIAL.

To

The GOVERNMENT ASTRONOMER, &c., &c.

Dated December, 26th.

Recd. Do.

G.O., 26th December 1873, No. 1868.

DECEMBER.
Nos. 214-215.

Budget Estimates of the Madras Observatory and Meteorological Department for 1874-75, reviewed and passed.

Madras Observatory, December 20 th, 1873.

From

N. R. Pogson, Esq.,
Government Astronomer and Meteorological Superintendent.

To

The Hon. W. Huddleston,
Chief Secretary to Government,
Fort St. George.

Sir,

I have the honor to submit for sanction the F. estimates for the two Offices under my charge.

2. The Government Observatory estimates contain no variation from the current year's grant. There will however be some very considerable and almost immediate outlay involved in the erection of the three public electrical Clocks which arrived lately and are now ready to be put up. Until the site of each Clock has been selected by Government and estimates framed by the Public Works and Government Telegraph Departments, I am quite unable to state what will be the costs, but presuming that the three positions will be near the Pier, in Mount Road, and either in the Adyar or at St. Thomas' Mount, I do not suppose the charges can be much under Rs 2000 for the three Clocks, as each one will require a separate and distinct line of telegraph, to place it under electrical control of the normal or Mother Clock in the Observatory.

3 / No additional provision appears to be necessary in anticipation of the Transit of Venus, on Dec. 8 th, 1874, as I do not intend leaving the Observatory on that occasion, considering that the observations made here are worthy of all the time and attention I can bestow upon them; and that if, as I believe is to be the case, a Station is to be established in the north of India, about Peshawur, its charge will more properly devolve upon Col. J. T. Tennant R.E. & the staff of the Great Trigonometrical Survey, who are much nearer the locality than I am. A chronograph would be very desirable for this and many other more ordinary phenomena as well. Should this however be found necessary, it will of course have to be supplied through the Home Government and will not therefore require any additional provision in my local contingent expenditure. Its cost would probably be about one thousand Rupees or less.

4 The details for 1872-73 in the estimates of the Meteorological Department must, as usual, be filled in at the Accountant General's Office. The reduced contingent allowance of Rs. 902, sanctioned for the current year, having been

found insufficient for the wants of the twelve Stations, a small increase has been made in the estimate for 1874–75, which it is hoped may be permitted.

I have the honor to be
Sir
Your most obedient Servant
H R Pogson
Government Astronomer and
Meteorological Superintendent

S.O. 1888/13

R. 24-12-

17 Revenue 1873 153
18 " 162-163

Transmitted (1873) Original
Same
to the Government Astronomer and
Meteorological Reporter to the Government of India

for information

Fort St George
Public Department
The 26th December 1873

Madras Observatory, December 20th 1873
No 922.

Compiled

No 2402

Submitting Estimates for the Meteorological Establishment for the year 1874-75 for the Government Observatory and the Presidency Stations, together with Estimates, Returns, Reports & Statements connected therewith.

Meteorological Establishment of the Madras Presidency.

B. Estimates.— Civil Services.— For the year ending 31st March 1875.

Number 1872-73	Number 1873-74	Number 1874-75	Meteorological Department 18.— Minor Departments	Actuals 1872-73	Estimates 1873-74	Estimates 1874-75	Explanation of the variation between Estimates for 1873-74 & 1874-75 and reference to orders thereon.
			Salaries, and Allowances				
1	1	1	Meteorological Superintendent	3000	3000	3000	Proceedings of the Madras Government Public Department 31st July 1867.
12	13	13	Observers	5720	6240	6240	Proceedings of the Madras Government Public Department 10th April 1867.
12	13	13	Carriage hire for Medical Officers in local charge	4218	4680	4680	—— Ditto ——
			Contingent expenses including alterations, repairs, Construction, of Anemometer stagings, and travelling expenses for inspection, of stations when necessary	873	1080	1280	The reduced contingent allowance for 1873-74 having proved insufficient a small increase has been made in the estimate for 1874-75.
				13.811	15000	15200	

Madras Meteorological Deptt
December 20th, 1873.

H R Pogson
Meteorological Superintendent

E. 24-12.

Ex. Estimate 20 1873

Madras Government Observatory 67

F. Estimates. – Civil Service. – For the year ending 31st March 1875. –

Number 1872-73	Number 1873-74	Number 1874-75	Public Observatory 16 Minor Departments	Actuals 1872-73	Estimates 1873-74	Estimates 1874-75	Explanation of the variation between the Estimates for 1873-74 & 74-75 and reference to Orders thereon.
			Salaries and Allowances.				
1	1	1	Government Astronomer	9600	9600	9600	Proceedings of the Madras Government Public Department, 27th March 1868, No. 397. –
1	1	1	Assistant Govt Astronomer	1800	1800	1800	Proceedings of the Madras Government Public Department 24th August, 1870. –
6	6	6	Assistants	4140	4128	4138	Extract Minutes of Council No. 1015, 12th November 1850; modified by Proceedings of the Madras Government Public Department, 3rd November 1863 No 1206. –
5	5	5	Servants	479	480	480	——— Ditto ———
			Contingent Expenses	729	982	982	
				16748	17300	17300	

Madras Observatory
December 20th, 1873

N R Pogson
Government Astronomer

C. 24-12.

Encl to G.O. 1800
26.12.73

Financial Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Read the following letter from the Govt Astronomer and Meteorological Superintendent dt 20th Decr 1873

Order thereon. 26th Decr 1873, No 1808 F.

The Govt Astronomer submits the Budget Estimates of the Madras Observatory and Meteorological department for 1874-75.

Observatory C.

Vol

2. The estimate on account of the Govt Observatory for 1874-75 amounts to Rs 17,300 which is the same as the figure for 1873-4. No provision has been made in the Estimate for ~~the~~ putting up ~~the~~ the three electrical Clocks which have been ordered out and have lately arrived. The

expense

expense is estimated by the Government Astronomer at about 2000 Rs. - and this sum will be inserted in the Estimate, raising the total charge to Rs 19300. The Chronograph, only if absolutely required for the purposes indicated in Mr. Pogson's letter, might be obtained thro' the Home Govt. He will report on the point.

3. The Budget Estimate of the Meteorological Department for 1874-5 amounts to Rs. 15,200 being 200 Rs more than the estimate for 1873-4. The increase is in the item of "Contingent allowance", the provision on account of which in the previous year was found to be insufficient.

Meteorological Dept.

The

4. The Estimates are passed at Rs. 19,300 and Rs. 15,200, respectively.

J.F.

Govt. Astronomer — 3 Draft 27.12.73
Accounts General — 6 Draft 26.12.73

G.F.

Govt. of {187 } Madras.

To

Dated
Recd. } 187 , No.

Nos.

Govt. of {1873} Madras.
Jud.

To

The Govt. Astronomer
&c.

Dated 26th Decr {/73
Rcd. Bd.

G. O. 26th Decr, 1873, No. 1888

Nos. 214-215.

Budget Estimates of the Madras Observatory & Meteorological Dept. for 1874-75, Reviewed & Passed.