Educational (1906) Department.

ORDINARY PRINTED.

G.O., No. 64

DATED 6-2-06

29

P. INDEXED

[Despatch Abstract.]

Marine Aquarium

Sanctioning the Establishment of a — on the Marina of the City of Madras and stating that further orders on the plans & estimates will issue in the P.W.D.

BACK PAPERS.

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

FURTHER PAPERS.

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

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.	1906.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 64, 6th February 1906.

N. P.

Marine Aquarium.

Sanctioning the establishment of a — on the Marina of the City of Madras and stating that further orders on the plans and estimates will issue in the Public Works Department.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following papers :—

I

Letter—from E. Thurston, Esq., Superintendent, Government Museum.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 12th January 1906.
No.—39.

I have the honour to forward herewith plan of the marine aquarium, and estimate for the construction of the same at a cost of Rs. 9,680 (Rupees nine thousand six hundred and eighty).

2. It is proposed that the building should be erected on the sand in front of the Presidency College.

3. I would suggest that the management of the aquarium should be vested in myself as Director, with a committee composed of the Hon'ble Mr. A. G. Bourne, Dr. J. R. Henderson, Mr. K. Ramunni Menon, and Major W. Molesworth, I.M.S., assisted by the Demonstrators of Zoology at the Presidency and Christian Colleges. If Government agrees with this suggestion, I will, after consulting with the committee, submit definite proposals for the paid establishment (door-keepers, feeders of animals, sweepers, etc.) and charge for admission of visitors.

Enclosure.

Letter—from G. S. T. Harris, Esq., Consulting Architect to Government.
To—the Superintendent, Government Museum.
Dated—Madras, the 11th January 1906.
No.—4217.

A1

With reference to your letter, dated 6th December 1905, I have the honour to forward herewith plan and estimate for the proposed marine aquarium for favour of submission to Government for sanction.

II

Letter—from E. Thurston, Esq., Superintendent, Government Museum.
To—the Secretary to Government, Educational Department.
Dated—Madras, the 22nd January 1906.
No.—72.

In continuation of my No. 39, dated 12th instant, I have the honour to suggest that Mr. P. F. Fyson, Professor of Biology at the Presidency College, should be added to the Committee of the Marine aquarium.

Order—No. 64, Educational, dated 6th February 1906.

His Excellency the Governor in Council has had under consideration the establishment on the Marina of the City of Madras, of a marine aquarium not only for educational and scientific purposes as an extension of the Museum and an annexe to the Presidency College, but as an exhibition open to the public, which His Excellency is confident will prove to be both popular and attractive. Its construction will now be approved and sanctioned. Plans and estimates have been prepared and considered in consultation with Mr. Thurston, the Superintendent of the Government Museum and with the Government Architect, and the cost of a suitable building has been calculated at under Rs. 10,000 for which sum provision will be entered in the budget estimates.

In order that the building should not mar the beauty of the Marina, it will be constructed mainly under ground, leaving only 6 or 7 feet above the general level, a superstructure which can be readily screened by trees and shrubs. The site selected for it is on the foreshore opposite the Presidency College.

B

2. The aquarium will be placed under the control of the Superintendent of the Government Museum as Director, and of a committee composed of the following gentlemen :—

The Hon'ble Mr. A. G. Bourne, D.Sc., F.R.S.

Mr. J. R. Henderson, M.B., C.M., F.L.S., Professor of Biology and Zoology at the Christian College.

Mr. P. F. Fyson, B.A., F.L.S., Professor of Biology, Presidency College.

M.R.Ry. K. Ramunni Menon, B.A., Senior Assistant Professor (Biology), Presidency College.

Major W. Molesworth, M.B., B.S., I.M.S.

The committee will be assisted in the work of the aquarium by the Demonstrator of Zoology at the Presidency College and, if he will give his services, by the Demonstrator for the time being at the Christian College.

3. A small fee will be levied from visitors to the aquarium, as otherwise so small a building would become unmanageably overcrowded; and it is also necessary that some check should be placed upon its becoming the resort of mere idlers.

4. Further orders on the plans and estimates prepared by the Consulting Architect will be passed in the Public Works Department.

5. Mr. Thurston will be requested, in consultation with the committee, to submit detailed proposals regarding the establishment to be maintained in connection with the aquarium, and the fee to be levied from visitors.

(True Extract.)

H. D. Taylor,
Ag. Secretary to Government.

To the Superintendent, Government Museum.
,, Financial Department.
,, Public Works Department, with plans and estimates.
,, Accountant-General.

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 64, EDUCATIONAL, DATED 6TH FEBRUARY 1906.

[SUBJECT.—*The establishment of a Marine Aquarium on the Marina.*]

Demi-official from E. Thurston, Esq., Superintendent, Government Museum, to L. M. Wynch, Esq., Private Secretary to His Excellency the Governor, dated 14th November 1905, No. 1071.

Herewith I am forwarding, for submission to His Excellency, Harris' plan * of the proposed aquarium, which is not quite as it was sketched on the back of a ménu card at Ootacamund, as there were difficulties in the way of making it entirely subterranean. It will, according to the present plan, be partly below, and partly (only about 7 feet) above ground, and, as Harris says, it "will be very low, and will cause no obstruction."

B

2. It will be seen that ten tanks are provided for Marine beasts, and a central tank (with fountain) and four small aquaria for fresh-water animals—also an open tank, railed in, for sharks and dog fishes. Entrance is down steps, and through a register-ing turn-stile.

3. On thinking the matter over, we came to the conclusion that a little room would be necessary for the Director, and another for the "Curator" or keeper, for storing nets and dredges, with a post-mortem table for cutting up food for the animals.

4. The total cost works out at Rs. 9,200—9,500, and, of this amount, Rs. 1,500 are estimated for one-inch plate glass. This thickness is used at the Port Erin aquarium. But I am writing to my friend Herdman, the Director thereof, for details concerning essential thickness, quality and cost.

5. There can, I think, be very little doubt that the aquarium would be much appreciated by the natives. For I notice that, at the museum, three small bowls containing little fishes, and a tiny tank containing pond tortoises, are among the most popular exhibits.

6. If the scheme works, I would suggest that a small fee (1 or 2 annas?) should be charged for admission. If we made it free, there would be a constant crowd, which would be unmanageable in so small a building.

7. The staff would not be a very heavy item of expense. There should be a Director (myself?) and a Committee of management composed primarily of men interested in questions of Marine Zoology, *e.g.*, Bourne, Henderson and Ramunni Menon, assisted by the Demonstrators of Zoology at the Presidency and Christian Colleges, who would probably appreciate the little compliment of being connected with the aquarium, and take an active interest in it. These appointments would be unsalaried. The paid establishment would, I anticipate, have to consist of two door-keepers, a sweeper, and two keepers, who would be responsible for feeding the animals, looking after the water-supply and aeration of the tanks, and collecting the beasts. The co-operation of one or more fishermen would be necessary, and a boat or catamaran would have to be engaged from time to time.

8. Some of the cost of establishment and upkeep would be met by the fee charged for admission, and I shall be very much surprised if this does not realise a goodly sum. An average of only thirty visitors a day would (at 1 anna) bring in Rs. 56

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* Returned to Mr. Thurston with demi-official No. 198, dated 4th December 1905.

per mensem, which would go far towards paying the working expenses. I may be over-confident as to the financial result, but, as evidenced by the crowds which visit exhibitions in Madras on the cheap days, the native dearly loves a show, and will pay for seeing it.

Herewith a letter from Dr. Thurston which only needs the explanation that the idea of a Marine Aquarium on the Marina is my own and one which I have discussed with Dr. Thurston for some time past. I think that it would be a great addition to the attractions of the Marina, very popular and instructive and also a paying concern. The small cost of constructing the kind of building I have in mind, could be met from funds allotted for scientific and educational purposes ; for the aquarium as an extension of the Museum and an annexe to the Presidency College would come under those heads.

Please bring up in Council in order that I may explain more fully and request the assent of my Honourable Colleagues to the preparation of detailed plans and estimates.

A[MPTHILL]—22-11-05.

Council box.

M. HAMMICK.

Order in Council.

Mr. Thurston's scheme is approved. Detailed plans and estimates will be prepared.

2. The question of the site will be suggested by the Consulting Architect.

3. Mr. Thurston will be told in a demi-official to make the scheme known in the Press in order to see how the scheme will be received by the public.

M. HAMMICK—28-11-05.

As the proposed aquarium is to be placed under the direction of Dr. Thurston, it is submitted that the papers may be transferred (u.o.) to the Educational Department.

N.K.—28-11-05.

Will Educational accept the transfer and deal with the papers?

A. Y. G. CAMPBELL—30-11-05.

EDUCATIONAL DEPARTMENT.

A draft demi-official is placed below for approval. It is presumed that formal approval of the scheme by a Government Order should be deferred for the present.

P. T. THARYAN—2-12-05.

A. GALLETTI—2-12-05.

Yes, but meanwhile Financial and Public Works Departments may be asked to make such additional budget provision as may be necessary. The file may go to those departments u.o.

H. D. TAYLOR—2-12-05.

Should the file go to Financial and Public Works Departments now or only after issue of the demi-official.

P. T. THARYAN—2-12-05.

After issue.

A. GALLETTI—2-12-05.

Demi-official from H. D Taylor, Esq., I.C.S., Acting Secretary to Government, Educational Department, to E. Thurston, Esq., Superintendent, Government Museum, dated 4th December 1905, No. 198.

With reference to your demi-official to Wynch, dated the 14th November 1905, I am directed to say that His Excellency the Governor in Council approves of your scheme for the establishment of a Marine Aquarium on the Marina. I am to ask you to call on Harris to have detailed plans and estimates prepared for the building without delay and to suggest a suitable site.

2. I am also to request you to make the scheme known in the Press in order to see how it will be received by the public, and in due course to lay the matter officially before Government with your detailed proposals for the management of the aquarium.

The demi-official has issued. The file may now go to Financial and Public Works Departments.

P. T. THARYAN—4-12-05.

A. GALLETTI—4-12-05.

To the Financial Department.
,, Public Works Department.

FINANCIAL DEPARTMENT.

The amount required for expenditure in the ensuing year on account of the building, etc., for the Marine aquarium (the Consulting Architect to prepare detailed plans and estimates) will have to be provided for by the Public Works Department in the Provincial Civil Works budget for 1906-1907. The cost of the establishment consisting of two door-keepers, one sweeper and two keepers and others as estimated by Mr. Thurston and of the upkeep that will be required after the completion of the building will be a small amount and can be found from the budget grant for 1906-1907 under 26-E. SCIENTIFIC., ETC., DEPARTMENTS — PROVINCIAL MUSEUM.

V.G.K.—7-12-05.

The Accountant-General may be requested (u.o.) to include a sum of Rs. 5,000 in the Civil budget estimate for 1906-1907 under 26-E. SCIENTIFIC, ETC., DEPARTMENTS—PROVINCIAL MUSEUMS for the Marine aquarium. This will give a good margin for initial expenditure, other than that debitable to Public Works Department.

2. Public Works Department will include in their budget the allotment necessary for the building and they may be asked not to overlook the point?

C. M. SCHMIDT—18-12-05.

Yes. The establishment won't be more than Rs. 2,000—not so much—but there will be expenses for feeding, pumping, etc., I suppose. Ask for Rs. 5,000.

M. HAMMICK—20-12-05.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

Financial may perhaps be informed that a provision of Rs. 10,000 * will be made in the Provincial Civil Works budget for 1906-1907.

R.K.—28-12-05.

* According to Mr. Thurston the estimated cost of the building comes to Rs. 9,500—*vide* page 1 of the notes.

Will Financial please explain whether the Rs. 5,000 is to be in addition to the sum required for the construction of the building? This is estimated by Dr. Thurston at Rs. 10,000.

J. P. DAVIDSON—29-12-05.

To the Financial Department.

FINANCIAL DEPARTMENT.

Public Works Department may be informed that the Rs. 5,000 will be in addition to the Rs. 10,000 provided in the Public Works budget. That department may be asked to return these notes at an early date to Public so that an order on the subject may be on record.

C. M. SCHMIDT—3-1-06.

Yes.

M. HAMMICK—4-1-06.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

A sum of Rs. 10,000 for the building has been included in the list of requirements for next year. The file may, it is submitted, be forwarded to Public as requested.

R.K.—8-1-06.

S. B. MURRAY—8-1-06.
J. P. DAVIDSON—8-1-06.

To the Public Department.

PUBLIC DEPARTMENT.

Financial perhaps intended to suggest that the papers should be returned by the Public Works Department to the Educational Department—please see page 2 of the notes. The aquarium is apparently to be a branch of the Government Museum, and orders approving the scheme will be issued in Educational.

C. S. SIMPSON—9-1-06.
C. A. SOUTER—10-1-06.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Please attach the newspaper references to the scheme which has been favourably received.

H. D. TAYLOR—10-1-06.

There was a reference to the scheme in the *Madras Mail* of the 9th December which is submitted. No reference can be traced in any other papers.

2. Will not the receipt of proposals officially from Mr. Thurston with plans and estimates be the proper time for passing a formal order on the subject? Please see the second paragraph of the demi-official on page 2 *supra*.

P. T. THARYAN—12-1-06.

C. A. SOUTER—12-1-06.

Mr. Thurston may be reminded demi-officially my to expedite matters and to say when the proposals may be expected.

H. D. TAYLOR—12-1-06.

The draft demi-official placed below is submitted for approval.

P. T. THARYAN—12-1-06.

Issue: my signature.

C. A. SOUTER—14-1-06.

From the Superintendent, Government Museum, dated 12th January 1906, *No.* 39.

Mr. Thurston's proposals have been received. The demi-official has not therefore issued.

2. The estimate for the aquarium amounts to Rs. 9,680 and it is proposed to erect the building on the sand in front of the Presidency College. It is also proposed to vest the management of the aquarium in Mr. Thurston as Director with a Committee composed of the Hon'ble Dr. Bourne, Dr. J. R. Henderson, Mr. K. Ramunni Menon and Major W. Molesworth, I.M.S., assisted by the Demonstrators of Zoology at the Presidency and Christian Colleges. If this proposal is approved Mr. Thurston promises to submit definite proposals regarding the paid establishment and admission fee after consulting the Committee.

3. Dr. Henderson is not in Madras just now and it is believed that he will not return to India. His successor at the Christian College (Mr. McDowall) has also gone home after an attack of enteric and it is believed that the College has secured the services of a new Professor who has not yet joined. Perhaps Dr. Henderson's name may be retained on the Committee for the present.

4. The draft placed below is submitted for approval. If approved it may be forwarded to the Public Works Department for acceptance of paragraph 3.

P. T. THARYAN—16-1-06.

C. A. SOUTER—17-1-06.

Please type.

H. D. TAYLOR—17-1-06.

Typed and resubmitted.

P. T. THARYAN—17-1-06.

To the Public Works and Financial Departments for acceptance.

H. D. TAYLOR—18-1-06.

PUBLIC WORKS DEPARTMENT.

Paragraph 3 of the draft is accepted.

R.K.—19-1-06.

J. P. DAVIDSON—19-1-06.

To the Financial Department.

FINANCIAL DEPARTMENT.

May be accepted.

C. M. SCHMIDT—20-1-06.

Accepted.

M. HAMMICK—21-1-06.

To the Educational Department.

EDUCATONAL DEPARTMENT.

For approval.

H. D. TAYLOR—22-1-06.

I have redrafted the most of the Government order.

G. S. F[ORBES]—22-1-06.

(The office should have entered the posts held by Dr. Henderson and Ramunni Menon and entered the latter's scientific titles, etc. As the draft stands these gentlemen might be any unknown loafers. If Dr. Bourne has not consented, his consent should be obtained, there is nothing to show in the papers, so far as I can see, that he has. Dr. Bourne's titles should stand as they are, *i.e.*, he is of the Committee because he is D.Sc., F.R.S., and a distinguished naturalist, not because he is Director of Public Instruction. To Major Molesworth's designation of I.M.S. should be added his academical degrees M.B., B.S.

Ramunni Menon is I see B.A., but I am almost certain he is F.Z.S. or F.L.S. or even corresponding member of one of these societies : please verify.

Such points make all the difference between good and intelligible drafting and slovenly drafting.)

G. S. F[ORBES].

From the Superintendent, Government Museum, dated 22nd January 1906, *No.* 72.

The file on the subject of the Marine aquarium was sent in circulation yesterday to the Hon'ble Mr. Forbes and His Excellency the Governor. For orders as to whether the present communication from Mr. Thurston may be circulated to the Hon'ble Mr. Forbes and His Excellency in continuation for approval of the addition of Mr. Fyson's name to the list of members of the Committee.

N.L.R.—23-1-06.

P. T. THARYAN—23-1-06.

C. A. SOUTER—24-1-06.

Yes.

H. D. TAYLOR—29-1-06.

Agreed. Add his name.

G. S. F[ORBES]—30-1-06.

Demi-official from L. M. Wynch, Esq., I.C.S., Private Secretary to His Excellency the Governor, to the Secretary to Government, Educational Department, dated 30th January 1906.

Will you kindly let me have a clean draft of this ?; it is rather difficult to read as it stands ?

Please type and resubmit the file with a copy of Quarterly Civil List and History of Services (duly marked).

H. D. TAYLOR—31-1-06.

The draft has been typed fair and is resubmitted with the Quarterly Civil List and History of Services of Gazetted officers.

2. Mr. Thurston's name appears on pages 277, 306 and 433 of the Civil List and on page 775 of the History of Services. He does not seem to be a "Doctor".

3. Mr. Henderson is shown in the University Calendar—page 46, Vol. II of the calendar for 1904–1905—as Professor of Biology and Zoology. Subject to approval his designation has accordingly been entered in the draft.

Subject to approval Mr. Fyson's name has also been entered. His name occurs on page 198 of the Civil List and page 539 of the History of Services.

M.R.Ry. Ramunni Menon's name occurs on page 203 of the Civil List and on page 551 of the History of Services. In both these places he is simply shown as a B.A. On page 14 of the Presidency College calendar the word "Cantab" in brackets is also added. His official designation is "Senior Assistant Professor, Presidency College".

Major Molesworth's name occurs on pages 1 and 235 of the Civil List and page 628 of the History of Services.

I do not think his *Medical* diplomas, apart from academical degrees need be entered.

H. D. TAYLOR.

P. T. THARYAN—31-1-06.

Mr. Thurston has not taken a Doctor's degree, and is "Doctor" only by courtesy.

C. A. SOUTER—1-2-06.

Dr. Bourne will be addressed by demi-official and the file recirculated to His Excellency the Governor for approval of the draft.

H. D. TAYLOR—1-2-06.

Demi-official from H. D. Taylor, Esq., I.C.S., Acting Secretary to Government, Educational Department, to the Director of Public Instruction, dated 1st February 1906, *No.* 23.

With reference to the proposal to establish an aquarium on the Marina, I am to ask whether you will consent to serve on the Committee of Management.

The aquarium will be placed under the control of the Superintendent, Government Museum, as Director with a Committee composed of yourself and Messrs. Henderson, Fyson, Ramunni Menon and Major Molesworth.

Draft order approved.

A[MPTHILL]—2-2-06.

Dr. Bourne's reply awaited.

H. D. TAYLOR—2-2-06.

Draft as revised shown to and approved by Honourable Member.

H. D. TAYLOR—3-2-06.

To be despatched in manuscript first. Copies may be prepared ready for issue on receipt of Dr. Bourne's reply.

H. D. TAYLOR—3-2-06.

Demi-official from the Hon'ble Mr. A. G. Bourne D.Sc., F.R.S., Director of Public Instruction, to the Secretary to Government, Educational Department, dated Camp Vallam, 5th February 1906.

In reply to your demi-official No. 23, dated 1st February 1906, I will gladly undertake to serve on the Committee of management of the proposed aquarium.

The draft may now issue sharp.

H. D. TAYLOR—6-2-06.

[G.O., No. 64, Educational, dated 6th February 1906.]

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.	1906.	*Enclosures*
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G.O., No. 64, 6th February 1906.

ET Mar 6

E.T. ?

Marine Aquarium.

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Mr. J. R. Henderson, M.B., C.M., F.L.S., Professor of Biology and Zoology at the Christian College.

Mr. P. F. Fyson, B.A., F.L.S., Professor of Biology, Presidency College.

M.R.Ry. K. Ramunni Menon, B.A., Senior Assistant Professor (Biology), Presidency College.

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(True Extract.)

H. D. Taylor,
Ag. Secretary to Government.

To the Superintendent, Government Museum.
,, Financial Department.
,, Public Works Department, with plans and estimates.
,, Accountant-General.

Read

[E.]
1,500—12-12-

14

) EDUCATIONAL DEPARTMEN

CURRENT FILE.

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[P. T. O. FOR PUT UP PAPERS.

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—[illegible]6-05.

EA 15 CURRENT No. 64

EDUCATIONAL DEPARTMENT.

Received 13. 1. 1906, Registered 16 - 1. 1906

Subject.

Forwarding plan of the marine aquarium and estimate for the construction of the same at a cost of Rs 9,680 and suggesting proposals for the management of the aquarium

ENCLOSURES.
No. 3 - (Letter, Plan and Estimate)
Spare copies

LOCAL & MUNICI
13 JAN 1906

No. 39

Station Madras, Dated the 12th January 1906.

From (Name) Edgar Thurston Esqr.,
(Designation) Superintendent, Govt. Museum.

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

Sir,

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16

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I have the honour to be
Sir,
Your most obedient Servant,
Edgar Thurston
Superintendent,
Govt. Museum

ABV

Next

R.No 56
12-1-06.

C. Fo / 1 300--19-6-05.

Enclosure

~~4~~ 17 12 12 S.P.

Office of the Consulting Architect to Govt.,
Chepauk. Madras,
11th January 1906. 190

No. 4217

From

G. S. T. Harris, Esq,
Consulting Architect
to the Government of Madras,

To

The Superintendent,
Government Museum,
Madras.

Sir,

Enclosures. 4

With reference to your ~~D.O.~~ letter dated 6th December 1905, I have the honor to forward herewith plan and estimate for the proposed Marine Aquarium for favour of submission to Government for sanction.

ET.

I have the honor to be,
Sir,
Your most obedient servant,
G. Harris
Consulting Architect to Government.

Ec 6410 cabar

~~Ed.~~ CURRENT No. 101

13

Stock Form No. 135
3,700-[illegible]-6-05.

EDUCATIONAL DEPARTMENT.

Received LOCAL & MUNICIPAL 23 JAN 1906 SECRETARIAT. 190 , Registered 23 – 1 – 1906.

Subject.

Suggesting that Mr P. F. Fyson, Professor of Biology at the Presidency College, should be added to the Committee of the Marine aquarium.

ENCLOSURES.
No.
Spare copies

No. 72

Station Madras, Dated the 22nd January 1906.

From (Name) Edgar Thurston Esquire
(Designation) Superintendent Government Museum.

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

Sir,

Cmo. 64 Sr/05. F

In continuation of my No 39 dated 12th Instant, I have the honour to suggest that Mr P. F. Fyson, Professor of Biology at the Presidency College, should be added to the Committee of the Marine aquarium.

I have the honour to be,
Sir,
Your most obedient Servant,
Edgar Thurston
Superintendent Government Museum

F.R. AOBV

For approval
Cles 5.3.06

28/2/06 3/3/6

7/3/06

Proof for approval & ...

EDUCATIONAL DEPARTMENT.

NOTES CONNECTED WITH G.O., No. 64, EDUCATIONAL, DATED 6TH FEBRUARY 1906.

[SUBJECT.—~~Regarding~~ The Establishment of a Marine Aquarium on the Marina.]

~~Note by His Excellency the Governor.~~

A

Transfer after Mr Thurston's letter

Herewith a letter from Dr. Thurston which only needs the explanation that the idea of a Marine Aquarium on the Marina is my own and one which I have discussed with Dr. Thurston for some time past. I think that it would be a great addition to the attractions of the Marina, very popular and instructive and also a paying concern. The small cost of constructing the kind of building I have in mind, could be met from funds allotted for scientific and educational purposes ; for the aquarium as an extension of the Museum and an annexe to the Presidency College would come under those heads.

Please bring up in Council in order that I may explain more fully and request the assent of my Honourable Colleagues to the preparation of detailed plans and estimates.

A[MPTHILL]—22-11-05.

Council box.

M. HAMMICK.

Demi-official from E. Thurston, Esq., Superintendent, Government Museum, to ~~the Private Secretary to His Excellency the Governor~~ L. M. Wynch Esq., dated 14th November 1905, No. 1071.

B

Herewith I am forwarding, for submission to His Excellency, Harris' plan * of the proposed aquarium, which is not quite as it was sketched on the back of a ménu card at Ootacamund, as there were difficulties in the way of making it entirely subterranean. It will, according to the present plan, be partly below, and partly (only about 7 feet) above ground, and, as Harris says, it "will be very low, and will cause no obstruction."

2 It will be seen that ten tanks are provided for Marine beasts, and a central tank (with fountain) and four small aquaria for fresh-water animals—also an open tank, railed in, for sharks and dog fishes. Entrance is down steps, and through a registering turn-stile.

3. On thinking the matter over, we came to the conclusion that a little room would be necessary for the Director, and another for the "Curator" or keeper, for storing nets and dredges, with a post-mortem table for cutting up food for the animals.

4. The total cost works out at Rs. 9,200—9,500, and, of this amount, Rs. 1,500 are estimated for one-inch plate glass. This thickness is used at the Port Erin aquarium. But I am writing to my friend Herdman, the Director thereof, for details concerning essential thickness, quality and cost.

5. There can, I think, be very little doubt that the aquarium would be much appreciated by the natives. For I notice that, at the museum, three small bowls containing little fishes, and a tiny tank containing pond tortoises, are among the most popular exhibits.

6. If the scheme works, I would suggest that a small fee (1 or 2 annas ?) should be charged for admission. If we made it free, there would be a constant crowd, which would be unmanageable in so small a building.

---

* u/ ed/ ~~Return~~ to Mr. Thurston with demi-official No. 198, dated 4th December 1905.

7. The staff would not be a very heavy item of expense. There should be a Director (myself ?) and a Committee of management composed primarily of men interested in questions of Marine Zoology, *e.g.*, Bourne, Henderson and Ramunni Menon, assisted by the Demonstrators of Zoology at the Presidency and Christian Colleges, who would probably appreciate the little compliment of being connected with the aquarium, and take an active interest in it. These appointments would be unsalaried. The paid establishment would, I anticipate, have to consist of two doorkeepers, a sweeper, and two keepers, who would be responsible for feeding the animals, looking after the water-supply and aeration of the tanks, and collecting the beasts. The co-operation of one or more fishermen would be necessary, and a boat or catamaran would have to be engaged from time to time.

8. Some of the cost of establishment and upkeep would be met by the fee charged for admission, and I shall be very much surprised if this does not realise a goodly sum. An average of only thirty visitors a day would (at 1 anna) bring in Rs. 56 per mensem, which would go far towards paying the working expenses. I may be over-confident as to the financial result, but, as evidenced by the crowds which visit exhibitions in Madras on the cheap days, the native dearly loves a show, and will pay for seeing it.

H.E. A
mp 1

Order in Council.

Mr. Thurston's scheme is approved. Detailed plans and estimates will be prepared.

2 The question of the site will be suggested by the Consulting Architect.

3 Mr. Thurston will be told in a demi-official to make the scheme known in the Press in order to see how the scheme will be received by the public.

M. HAMMICK—28-11-05.

As the proposed aquarium is to be placed under the direction of Dr. Thurston, it is submitted that the papers may be transferred (u.o.) to the Educational Department.

N.K.—28-11-05.

Will Educational accept the transfer and deal with the papers ?

A. Y. G. CAMPBELL—30-11-05.

EDUCATIONAL DEPARTMENT.

A draft demi-official is placed below for approval. It is presumed that formal approval of the scheme by a Government Order should be deferred for the present.

P. T. THARYAN—2-12-05.

A. GALLETTI—2-12-05.

Yes, but meanwhile Financial and Public Works Departments may be asked to make such additional budget provision as may be necessary. The file may go to those departments u.o.

H. D. TAYLOR—2-12-05.

Should the file go to Financial and Public Works Departments now or only after issue of the demi-official.

P. T. THARYAN—2-12-05.

After issue.

A. GALLETTI—2-12-05.

E. Thurston Esq.,

Demi-official from H. D. Taylor, Esq., I.C.S., Acting Secretary to Government, Educational Department, to Superintendent, Government Museum, dated 4th December 1905, *No.* 198.

With reference to your demi-official to Wynch, dated the 14th November 1905, I am directed to say that His Excellency the Governor in Council approves of your scheme for the establishment of a Marine Aquarium on the Marina. I am to ask you to call on Harris to have detailed plans and estimates prepared for the building without delay and to suggest a suitable site.

2 I am also to request you to make the scheme known in the Press in order to see how it will be received by the public, and in due course to lay the matter officially before Government with your detailed proposals for the management of the aquarium.

The demi-official has issued. The file may now go to Financial and Public Works Departments.

P. T. THARYAN—4-12-05.

To the Financial Department.
,, *Public Works Department.*

A. GALLETTI—4-12-05

a

FINANCIAL DEPARTMENT.

Demi-official to Mr. Thurston, dated 4th December 1905, on page 2 *supra*.

Paragraph 7 of Mr. Thurston's demi-official to Private Secretary to His Excellency the Governor, dated 14th November 1905, on page 1 *supra*.

~~[Page 175, Civil Budget estimate for 1905-1906.]~~

The amount required for expenditure in the ensuing year on account of the building, etc., for the Marine aquarium (the Consulting Architect to prepare detailed plans and estimates) will have to be provided for by the Public Works Department in the Provincial Civil Works budget for 1906–1907. The cost of the establishment consisting of two door-keepers, one sweeper and two keepers and others as estimated by Mr. Thurston and of the upkeep that will be required after the completion of the building will be a small amount and can be found from the budget grant for 1906–1907 under 26-E. SCIENTIFIC., ETC., DEPARTMENTS — PROVINCIAL MUSEUM.

V. G. ~~KRISHNAN~~—7-12-05.

The Accountant-General may be requested (u.o.) to include a sum of Rs. 5,000 in the Civil budget estimate for 1906–1907 under 26-E. SCIENTIFIC, ETC., DEPARTMENTS—PROVINCIAL MUSEUMS for the Marine aquarium. This will give a good margin for initial expenditure, other than that debitable to Public Works Department.

2/ —Public Works Department will include in their budget the allotment necessary for the building and they may be asked not to overlook the point?

C. M. SCHMIDT—18-12-05.

Yes. The establishment won't be more than Rs. 2,000—not so much—but there will be expenses for feeding, pumping, etc., I suppose. Ask for Rs. 5,000.

M. HAMMICK—20-11-05.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

Financial may perhaps be informed that a provision of Rs. 10,000 * will be made in the Provincial Civil Works budget for 1906–1907.

R.K.—28-12-05.

Will Financial please explain whether the Rs. 5,000 is to be in addition to the sum required for the construction of the building. This is estimated by Dr. Thurston at Rs. 10,000.

J. P. DAVIDSON—29-12-05.

To the Financial Department.

FINANCIAL DEPARTMENT.

Public Works Department may be informed that the Rs. 5,000 will be in addition to the Rs. 10,000 provided in the Public Works budget. That department may be asked to return these notes at an early date to Public so that an order on the subject may be on record.

C. M. SCHMIDT—3-1-06.

Yes.

M. HAMMICK—4-1-06.

To the Public Works Department.

PUBLIC WORKS DEPARTMENT.

A sum of Rs. 10,000 for the building has been included in the list of requirements for next year. The file may, it is submitted, be forwarded to Public as requested.

R.K.—8-1-06.

S. B. MURRAY—8-1-06.
J. P. DAVIDSON—8-1-06.

To the Public Department.

PUBLIC DEPARTMENT.

Financial perhaps intended to suggest that the papers should be returned by the Public Works Department to the Educational Department—please see page 2 of the notes. The aquarium is apparently to be a branch of the Government Museum, and orders approving the scheme will be issued in Educational.

---

* According to Mr. Thurston the estimated cost of the building comes to Rs. 9,500—*vide* page 1 of the notes.

M.M.

C. S. SIMPSON—9-1-06.
C. A. SOUTER—10-1-06.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Please attach the newspaper references to the scheme which has been favourably received.

H. D. TAYLOR—10-1-06.

There was a reference to the scheme in the *Madras Mail* of the 9th December which is submitted. No reference can be traced in any other papers.

—Will not the receipt of proposals officially from Mr. Thurston with plans and estimates be the proper time for passing a formal order on the subject? Please see the second paragraph of the demi-official on page 2 *supra*.

P. T. THARYAN—12-1-06.

C. A. SOUTER—12-1-06.

Mr. Thurston may be reminded ~~and~~ demi-official by to expedite matters and to say when the proposals may be expected.

H. D. TAYLOR—12-1-06.

The draft demi-official placed below is submitted for approval.

P. T. THARYAN—12-1-06.

Issue: my signature.

C. A. SOUTER—14-1-06.

From the Superintendent, Government Museum, dated 12th January 1906, No. 39.

Mr. Thurston's proposals have been received. The demi-official has not therefore issued.

2. The estimate for the aquarium amounts to Rs. 9,680 and it is proposed to erect the building on the sand in front of the Presidency College. It is also proposed to vest the management of the aquarium in Mr. Thurston as Director with a Committee composed of the Hon'ble Dr. Bourne, Dr. J. R. Henderson, Mr. K. Ramunni Menon and Major W. Molesworth, I.M.S., assisted by the Demonstrators of Zoology at the Presidency and Christian Colleges. If this proposal is approved Mr. Thurston promises to submit definite proposals regarding the paid establishment and admission fee after consulting the Committee.

3. Dr. Henderson is not in Madras just now and it is believed that he will not return to India. His successor at the Christian College (Mr. McDowall) has also gone home after an attack of enteric and it is believed that the College has secured the services of a new Professor who has not yet joined. Perhaps Dr. Henderson's name may be retained on the Committee for the present.

4. The draft placed below is submitted for approval. If approved it may be forwarded to the Public Works Department for acceptance of paragraph 3.

P. T. THARYAN—16-1-06.

C. A. SOUTER—17-1-06.

Please type.

H. D. TAYLOR—17-1-06.

Typed and resubmitted.

P. T. THARYAN—17-1-06.

~~May this now go to Public Works Department for acceptance of paragraph 3 of draft?~~

~~P. T. THARYAN—18-1-06.~~

~~Yes.~~

~~C. A. SOUTER—18-1-06.~~

To the ~~Financial~~ Public works ~~department~~ and Financial Departments for acceptance.

H. D. Taylor
18-1-06.

~~*To the Public Works Department.*~~

PUBLIC WORKS DEPARTMENT.

Paragraph 3 of the draft is accepted.

R.K.—19-1-06.

J. P. DAVIDSON—19-1-06.

To the ~~Educational~~ Department.

Financial

~~EDUCATIONAL DEPARTMENT.~~

~~To the Financial for acceptance.~~

~~H. D. TAYLOR—20-1-06.~~

FINANCIAL DEPARTMENT.

May be accepted.

C. M. SCHMIDT—20-1-06.

Accepted.

M. HAMMICK—21-1-06.

To the Educational Department.

EDUCATONAL DEPARTMENT.

For approval.

H. D. TAYLOR—22-1-06.

I have redrafted the most of the Government order.

G. S. F[ORBES]—22-1-06.

(The office should have entered the posts held by Dr. Henderson and Ramunni Menon and entered the latter's scientific titles, etc. As the draft stands these gentlemen might be any unknown loafers. If Dr. Bourne has not consented, his consent should be obtained, there is nothing to show in the papers so far as I can see, that he has. Dr. Bourne's titles should stand as they are, *i.e.*, he is of the Committee because he is D.Sc., F.R.S, and a distinguished naturalist, not because he is Director of Public Instruction. To Major Molesworth's designation of I.M.S. should be added his academical degrees M.B., B.S.

Ramunni Menon is I see B.A., but I am almost certain he is F.Z.S. or F.L.S. or even corresponding member of one of these societies : please verify.

Such points make all the difference between good and intelligible drafting and slovenly drafting.)

G. S. F[ORBES].

From the Superintendent, Government Meseum, dated 22nd January 1906, No. 72.

~~In circulation.~~

~~H. D. TAYLOR—23-1-06.~~

The file on the subject of the Marine aquarium was sent in circulation yesterday to the Hon'ble Mr. Forbes and His Excellency the Governor. For orders as to whether the present communication from Mr. Thurston may be circulated to the Hon'ble Mr. Forbes and His Excellency in continuation for approval of the addition of Mr. Fyson's name to the list of members of the Committee.

N.L.R.—23-1-06.

P. T. THARYAN—23-1-06.

C. A. SOUTER—24-1-06.

Yes.

H. D. TAYLOR—29-1-06.

Agreed. Add his name.

G. S. F[ORBES]—30-1-06.

Demi-official from L. M. Wynch, Esq., I.C.S., Private Secretary to His Excellency the Governor, to the Secretary to Government Educational Department, dated 30th January 1906.

Will you kindly let me have a clean draft of this/ it is rather difficult to read as it stands ?

Please type and resubmit the file with a copy of Quarterly Civil List and History of Services (duly marked).

H. D. TAYLOR—31-1-06.

The draft has been typed fair and is resubmitted with the Quarterly Civil List and History of Services of Gazetted officers.

64 Edn.

2. Mr. Thurston's name appears on pages 277, 306 and 433 of the Civil List and on page 775 of the History of Services. He does not seem to be a "Doctor".

3. Mr. Henderson is shown in the University Calendar—page 46, Vol. II of the calendar for 1904–1905—as Professor of Biology and Zoology. Subject to approval his designation has accordingly been entered in the draft.

Subject to approval Mr. Fyson's name has also been entered. His name occurs on page 198 of the Civil List and page 539 of the History of Services.

M.R.Ry. Ramunni Menon's name occurs on page 203 of the Civil List and on page 551 of the history of services. In both these places he is simply shown as a B.A. On page 14 of the Presidency College calendar the word "Cantab" in brackets is also added. His official designation is "Senior Assistant Professor, Presidency College".

Major Molesworth's name occurs on pages 1 and 235 of the Civil List and page 628 of the History of Services.

I do not think his *Medical* diplomas, apart from academical degrees need be entered.

H. D. TAYLOR.

P. T. THARYAN—31-1-06.

Mr. Thurston has not taken a Doctor's degree, and is "Doctor" only by courtesy.

C. A. SOUTER—1-2-06.

Dr. Bourne will be addressed by demi-official and the file recirculated to His Excellency the Governor for approval of the draft.

H. D. TAYLOR—1-2-06.

HE. DO 23/1-2-06.
attached.

Draft order approved.

A[MPTHILL]—2-2-06.

Dr. Bourne's reply awaited.

H. D. TAYLOR—2-2-06.

Draft as revised shown to and approved by Honourable Member.

H. D. TAYLOR—3-2-06.

To be despatched in manuscript first. Copies may be prepared ready for issue on receipt of Dr. Bourne's reply.

H. D. TAYLOR—3-2-06.

Demi-official from the Hon'ble Mr. A. G. Bourne D.~~S.C.~~, F.R.S., Director of Public Instruction, to the Secretary to Government, Educational Department, dated Camp Vallam 5th February 1906.

In reply to your demi-official No. 23, dated 1st February 1906, I will gladly undertake to serve on the Committee of management of the proposed aquarium.

The draft may now issue sharp.

H. D. TAYLOR—6-2-06.

[G.O., No. 64, Educational, dated 6th February 1906.]

S. J. M.

Seen

H. E.'s [illegible] attached

N. J.

[illegible] 6438

25

D. O. No. 23 d/ 1-2-86.

Desp'd 1/2/6

My dear Bourne

With reference to the proposal to establish an Aquarium on the Marina I am to ask whether you will consent to serve on the Committee of Management.

The Aquarium will be placed under the control of the Supdt. [illegible] as Director with a Committee ~~[illegible]~~ composed of yourself, Messrs. Henderson, Fyson, Raman Menon - Major [illegible]

Yours [illegible]

[illegible]
1. 2. 86.

Mr B. [illegible] be consulted [illegible]

Read

[G./2]
4[illegible] -13-3-05.

NOTES.

Read

Notes connected with G.O. [illegible] E&D [illegible] 2056; E&D [illegible]

Subject: re: Marine Aquarium.

Note by H.E. the Governor.

CHIEF SECRETARY
23 NOV 1905
GOVERNMENT OF MADRAS

Council for

Chief Secretary

Herewith a letter from Dr Thurston which only needs the explanation that the idea of a Marine Aquarium on the Marina is my own and one which I have discussed with Dr Thurston for some time past. I think that it would be a great addition to the attractions of the Marina, very popular and instructive and also a paying concern. The small cost of constructing the kind of building I have in mind could be met from funds allotted for scientific and educational purposes for the Aquarium as an extension of the Museum and an annexe to the Presidency College would come under those heads.

Please bring up in Council in order that I may explain more fully and request the assent of my Hon. Colleagues to the preparation of detailed plans and estimates.

Ampthill

22-11-05

Council Box

M. Hammick

D.O. from Mr E. Thurston 27 22 ~~24~~

No 1071

Government Museum,
Pantheon Road, Egmore,
Madras, 14th Novr. 1905.

My dear Wynch,

Herewith I am forwarding, for submission to His Excellency,* Harris' plan of the proposed Aquarium, which is not quite as it was sketched on the back of a menu card at Ootacamund, as there were difficulties in the way of making it entirely subterranean. It will, according to the present plan, be partly below, and partly (only about 7 feet) above ground. And, as Harris says, it "will be very low, and will cause no obstruction".

* Returned to Mr. Thurston with D.O. no 198 dd 4-12-05.

2 It will be seen that ten tanks are provided for marine beasts, and a central tank (with fountain) and four small aquaria for fresh-water animals - also an open tank, railed in, for sharks and dog fishes. Entrance is down steps, and through a registering turn-stile.

3 On thinking the matter over, we came to the conclusion that a little room would be necessary for the Director, and another for the "Curator" or Keeper, for storing nets and dredges, with a post-mortem table for cutting up food for the animals.

4 The total cost works out at Rs 9200-9500, and, of this amount, Rs 1500 are estimated

for 1-inch plate glass. This thickness is used at the Port Erin Aquarium. But I am writing to my friend Herdman, the Director thereof, for details concerning essential thickness, quality, and cost.

5/ There can, I think, be very little doubt that the aquarium would be much appreciated by the natives. For I notice that, at the Museum, three small bowls containing little fishes, and a tiny tank containing pond tortoises, are among the most popular exhibits.

6/ If the scheme works, I would suggest that a small fee (1 or 2 annas?) should be charged for admission. If we made it free, there would be a constant crowd, which would be unmanageable in so small a building.

7/ The staff would not be a very heavy item of expense. There should be a Director (myself?), and a Committee of Management composed primarily of men interested in questions of Marine Zoology, e.g. Bourne, Henderson, and Ramunni Menon, assisted by the demonstrators of Zoology at the Presidency and Christian Colleges, who would probably appreciate the little compliment of being connected with the Aquarium, and take an active interest in it. These appointments would be un-salaried. The paid

establishment would, I anticipate, have to consist of two door-keepers, a sweeper, and two keepers, who would be responsible for feeding the animals, looking after the water-supply and aeration of the tanks, and collecting the beasts. The co-operation of one or more fishermen would be necessary, and a boat or catamaran would have to be engaged from time to time.

8/ Some of the cost of establishment and upkeep would be met by the fee charged for admission, and I shall be very much surprised if this does not realise a goodly sum. An average of only thirty visitors a day would (at 1 anna) bring in Rs 56 per mensem, which would go far towards paying the working expenses. I may be over-confident as to the financial result, but, as evidenced by the crowds which visit Exhibitions in Madras on the cheap days, the native dearly loves a Show, and will pay for seeing it.

Yours Sincerely,

E. Thurston

(9)

~~5~~ 3D 24 ~~26~~ 4P

Marine aquarium on
the Marina

Council [9] Box
28 – 11 – 1905

Mr. Thurston's scheme is approved.
Detailed plans & estimates will be
prepared:
The question of the site will be suggested.
Considered: by the Consulting Architect.
Mr. Thurston will be told in a D.O. to make
the scheme known in the Press – in order to
see ~~wh~~ how the scheme ~~would~~ will be received by the
Public: W

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25 ~~27~~ 58

Public dept

THE SECRETARY TO GOVERNMENT,
1 DEC. 1905
LOCAL & MUNICIPAL DEPARTMENT

For the U.S.

As the proposed aquarium is to be ~~constructed~~ ~~from funds at the disposal of the Educational dept~~ and placed under the direction of Dr. Thurston, it is submitted that the papers may be ~~forwarded~~ transferred (u.o.) ~~to that~~ the E.D. dept.

28/11/05

Will E.D. accept the transfer & deal with the papers?

30.11.05

Pub U.O. 1311 D
30.11.05

Educational Depart.

A draft G.O. is placed below for approval. It is presumed that formal approval of the scheme by a G.O. ~~should~~ be deferred for the present.

Secretary.

2/12/5

2.12.5

& P.W.D.

Yes. - but meanwhile Financial may be asked to make such additional Budget provision as may be necessary. The file may go to those Depts now.

For the A.S.

Should the file go to Financial & P.W.D. now or only after issue of the G.O.?

2/12/5

After issue

I2 26 ~~60~~ 61P

GOVERNMENT OF MADRAS

Educational Department,
FORT ST. GEORGE,

D.O. No.198. 4th December 1905

My dear Thurston,

With reference to your D.O. to Wynch dated the 14th November 1905, I am directed to say that His Excellency the Governor in Council approves of your scheme for the establishment of a Marine Aquarium on the Marina. I am to ask you to call on Harris to have detailed plans and estimates prepared for the building without delay and to suggest a suitable site. A

I am also to request you to make the scheme known in the Press in order to see how it will be received by the public, and in due course to lay the matter officially before Government with your detailed proposals for the management of the aquarium.

Yours sincerely,

H.D.T.aylor
2.12.05.

E. Thurston Esquire,
Superintendent, Government Museum.
with sketch.

Despd
4/12/05

Recd

The D.O. has issued. The file may now go to Financial & P.W.D.

D.S.
4/12/05

To the Finl. / P.W.D. } no

Ma. 12 5

Extract No. 814 D
4-12-05

Financial DEPT
No. 1811 R
5 — 12 — 1905.

FINANCIAL DEPARTMENT.

The amount required for expenditure in the ensuing year on account of the building & for the Marine Aquarium (the Consulting Architect to prepare detailed plans & estimates) will have to be provided for by the P. W. Dept. in the Provl. Civil Works budget for 1906-07. The cost of the establishment consisting of 2 door-keepers, 1 Sweeper & 2 keepers & others, as estimated by Mr Thurston (and of the upkeep) that will be required after the completion of the building will be a small amount and can be found from the budget grant for 1906-07 under 26 E. Scientific & Depts. - Provincial Museums.

D.O. to Mr Thurston d/ 4.12.05 on page 7 supra.

Para. 7 of Mr Thurston's D.O. to P.S.G. d/ 14.11.05 on page 4 supra

[Page 175, C.B.E. for 1905-06.]

V.G.K.
7.12.05.

C.S.

The A. G. may be requested (u.o.) to include a sum of Rs 5000 in the C.B.E. for 1906. 07 under 26 E. Scientific &c Depts. Provl. Museums for the Marine Aquarium. This will give a good margin for initial

× no note sent separately.

Recd

Expenditure - other than that debitable to P.W.D. -

P.W.D. will include in their budget the allotment necessary for the building & they may be asked not to overlook the point?

C.W.S. Schmidt
18.12.05

SECRETARY TO GOVERNMENT, P.
28 DEC 1905
PUBLIC WORKS DEPARTMENT.

Y. The establishment won't be more than Rs 2000 - not so much - but there will be expenses for feeding, pumping etc. I suppose ask for Rs 5000

W. M. Hammet
20.xii.05

Fin'l no. D 934
27/12/05

P.W. no. 1480
30.12.05

To the P.W.D. (w.o.)

P. W. D

W

Financial may perhaps be informed that a provision of Rs 10,000* will be made in the Provincial Civil Works Budget for 1906-07?

RK
28.12.05

*According to Mr Thurston the estimated cost of the building comes to Rs 9500 vide page 2 of the notes.

Will Financial please explain whether the Rs 5000 is to be in addition to the sum required for the construction of the building. This is estimated by Mr Thurston at Rs 10000.

J.P. Davidson
29/12/05

To Financial (w.o.)

R. 31.12.05

2nd Card

Desp. 30/12/05

35 ~~10~~/7 9P

Chief Secretary.

FINANCIAL DEPARTMENT.

P. W. D. may be informed that the Rs 5,000 will be in addition to the Rs 10,000 provided in the P. W. budget. That Dept may be asked to return these notes at an early date to Public so that an order on the subject may be on record

3. 1. 06

Yes

4. 1. 06

Fwd W.O. 1811. R.

P.W. W.O. R No 35 / 8.1.06

P. W. D. W.O.

SECRETARY TO GOVERNMENT
8 JAN 1906
PUBLIC WORKS DEPARTMENT

P. W. D

W

A sum of Rs 10000 for the building has been included in the list of requirements for next year. The file may it is submitted be forwarded to Public as requested

RK
8.1.06

8/1/06

UNDER SECRETARY
8 JAN 06
PUBLIC WORKS D.

To Public W.O.

8/1/05

~~W.O.C.~~ 8/1/6

D 8/1

PUBLIC DEPARTMENT.

For the Asst. Secy.

Financial perhaps intended to suggest that the papers should be returned by the P.W.D. to the Educational Dept., – please see page 6 of the notes. The Aquarium is apparently to be a branch of the Govt. Museum, & orders approving the scheme will be issued in Educational.

LOCAL & MUNICIPAL
10 JAN 1906
SECRETARIAT

C Simpson
9-1-06

C A Souter
10/1/06

Eske u.o.

Please attach the newspaper references to the scheme which has been favourably received

W Naylor
10.1.06

Kw
You have given me only the Mail - Please see if there is anything in the Times.
P.H.
11/1/06

E. There was a reference to the scheme in the Madras Mail of the 9th December which is submitted. No reference can be traced in any other papers.

Will not the receipt of ~~[illegible]~~ proposals officially from Mr. Thurston with plans & estimates be the proper time for passing a formal order on the subject? Please see the second para: of the D.O. on page 7 supra.

P.H. Lazar
12/1/06

See

C A Souter
12/1/06

Mr Thurston may be reminded by D.O. to expedite matters & to say when the proposals may be expected

W Naylor
12.1.06.

The draft D.O. placed below is submitted for approval.

P.H. Lazar
12/1/06

Issue: my signature

C A Souter
12/1/06

Read

From the Superintendent Govt. Museum No 39 dt 12-1-06

Mr. Thurston's proposals have been received. The G.O. has not therefore issued.

2. The estimate for the Aquarium amounts to Rs 9,680 and it is proposed to erect the building on the sand in front of the Presidency College. It is also proposed to vest the management of the aquarium in Mr. Thurston as Director with a Committee composed of the Hon'ble Dr. Bourne, Dr. J. R. Henderson, Mr. K. Ramunni Menon & Major W. Molesworth I.M.S assisted by the Demonstrators of Zoology at the Presidency & Christian Colleges. If this proposal is approved Mr. Thurston promises to submit definite proposals regarding the paid Establishment and admission fee after consulting the Committee.

3. Dr. Henderson is not in Madras just now and it is believed that he will not return to India. His successor at the Christian College (Mr. McDowall) has also gone home after an attack of enteric and it is believed that the College has secured the services of a new Professor who has not yet joined. Perhaps Dr. Henderson's name may be retained on the Committee for the present.

4. The draft placed below is submitted for approval. If approved it may be forwarded to the PWD for acceptance of para: 3.

PBJ 16/1/6

See

Please type

17/1/06

7-1-06

PBJ 17/1/6 Typed & submitted.

Read

38

~~37~~

To the Govt. Fin. P.W.D. pro for acceptance

H.D.T.
18.1.06

From the Superintendent Govt. Museum No. [illegible]

Mr. Thurston's proposals have been received [illegible] the G.O. has not therefore issued.

2. The estimate for the Aquarium [illegible] Rs 9,?80 and it is proposed to erect the building on the sand in front of the Presidency [illegible] proposed to [illegible] in Mr. Thurston as Director with a Committee composed of the Hon. [illegible] Bourne, Dr. J. R. Henderson, Mr. K. Ramunni Menon & Major W. Molesworth [illegible] assisted [illegible] Demonstrator of Zoology at the Presidency & Christian Colleges. If [illegible] approved Mr. Thurston [illegible] of the [illegible] the Committee.

Dr. Henderson is [illegible] Madras [illegible] believed that he [illegible]

LOCAL & MUNICIPAL
22 JAN 1906
SECRETARIAT.

May this now go to P.W.D. for acceptance of para - 3 of draft?

PJ
18/1/6

Yes.
Carmichael
18/1/06

LOCAL & MUNICIPAL
20 JAN 1906
SECRETARIAT

SENT TO GOVERNMENT
19 JAN 1906
PUBLIC WORKS DEPARTMENT.

Despd

Edl u.o. no 6 ~~30~~
18.1.06.

To the P.W.D. u.o.

P.W.D

PW u.o ~~R No 94~~
19.1-06

Para 3 of the draft is accepted

RK
19.1.06

Davidson
19/1/06

To the Educational u.o.

Despd
19.1

Educational Dept

To the Edl u.o. for acceptance

Naylor
20.1.06

Despd
20/1/6

Edl u.o. no 64 D
20.1.06.

CHIEF SECRETARIAT
20 JAN 1906
MADRAS

Regd 20/1/06
CURRENT NO.
0329
FINANCIAL

Chief Secretary

May be accepted

Returned 22.1.06.

Chund
20.1.06

Accepted
Arthur Lawley
21.1.06

Fin 329
21.1.06
B

To the Edl u.o. dept

Edl Deptt

For approval

HM
H.E. the Governor

H.D. Taylor
22.1.06

P.T.O

I have redrafted the rest of the P.O. S.T.F. 22/1/06

ASSIST^T SECY TO GOVT. LOCAL MUNL. DEP^T 31.JAN.1906

(The office sh^d have entered the ~~offices~~ posts held by D^r Henderson & Ramunni Menon & entered the latter's scientific titles &c. As the draft stands these gentlemen might be any unknown loafers. If D^r Bourne has not consented, his consent sh^d be obtained, there is nothing to show in the pp, so far as I can see, that he has. D^r Bourne's ~~designation~~ titles sh^d stand as they are i.e. he is of the Com^tee because he is D.Sc. F.R.S & a distinguished Naturalist, not because he is D.P.I.. To Major Maccartie's design^n ~~of [illegible]~~ I.M.S sh^d be added his academical degrees M.D., B.S..

Ramunni Menon is I see B.A., but I am almost certain he is F.Z.S or M.F.L.S or even Corresp^g Member of ~~the~~ one of these Societies: please verify.

Such points make all the diff^ce bet. good & intelligible drafting & slovenly drafting.)

S.T.F. [Forbes]

Seen by Ch. 31/1/6

[E. / 6]
1,000—12-11-03.

4L

~~57~~ 16 P

EDUCATIONAL DEPARTMENT.

C. No. 101, From the S.G.M. No. 72, Dated 22-1-1906.

Subject:- Marine aquarium.

In circulation. H.D.T. 23-1-06.

The file on the subject of the marine aquarium was sent in circulation yesterday to the Hon'ble Mr. Forbes and H.E. the Governor. For orders as to whether the present communication from Mr. Thurston may be circulated to the Hon'ble Mr. Forbes and His Excellency in continuation for approval of the addition of Mr. Tyson's name to the list of members of the Committee.

N.A.R.
23/1/6

23/1/6

Sec.

Ca[illegible]
24/1/06

H.D. Taylor
24.1.06

Hon

Agreed. Add his name

30.1.06.

PRIVATE SECRETARY TO THE GOVERNOR · MADRAS
GOVERNMENT HOUSE.

Jan 30 1906

My dear Taylor

will you kindly let me have a clean draft of this it is rather difficult to read as it stands

Yours sincerely

L.M.Wynch

Please type and resubmit the file with a copy of quarterly Civil List and History of Services (Duly marked)- ~~Mr. P.T. Tyson's name has~~ the ~~added with reference to another~~ the linked file.

31-1-06

The draft has been typed fair & is resubmitted with the Quarterly Civil list and History of Services of Gazetted Officers.

2. Mr. Thurston's name appears on pages 277, 306 & 433 of the Civil list & on page 775 of the History of Services. He does not seem to be a "Doctor".

3. Mr. Henderson is shown in the University Calendar – page 46 Vol: II of the Calendar for 1904-05 – as Professor of Biology & Zoology. ~~His~~ Subject to approval his designation has accordingly been entered in the draft.

~~4.~~ Subject to approval Mr. Tyson's name has also been entered. His name occurs on page 148 of the Civil list & page 539 of the History of Services.

M.R.Ry. Rammni Menon's name occurs on page 203 of the Civil list & on page 551 of the History of Services. In both these places he is simply shown as a B.A. On page 14 of the Presidency College Calendar the word "Cantab" in brackets is also added. His official designation is "Senior Assistant Professor, Presidency College".

I do not think his medical diploma, apart from academical degrees need be entered. H. Taylor

Major Underwood's name occurs on pages 235 ~~[illegible]~~ of the Civil List & page 628 of the History of Services.

Lee.

P.H. Hargreaves
31/1/6

Mr Thurston has not taken a Doctor's degree, & is 'Doctor' only by courtesy.

C.A. Souter
1/2/06

Dr Bourne will be addressed by D.O. and the file recirculated to His Excellency the Governor for approval of the draft

H.D. Taylor
1.2.06.

H.E. the Governor.

Draft order approved

Ampthill
2-2-06

Dr Bourne's reply awaited.

H. Taylor
2.2.06

Draft as revised shewn to & approved by H.E. 3/2/06

H.D. Taylor

To be desp.d in M.S. first. – copies may be prepared ready for issue on receipt of Dr. Bourne's reply.

H.T.
5-2-06

~~181~~

Camp Vallam

5.2.6

The reply [illegible]
[illegible]
[illegible] Taylor
6.3.06

My dear Taylor

In reply to your D.O. No 23 of 1.2.6 I will gladly undertake to serve on the Committee of Management of the proposed aquarium

Yours sincerely

A. G. Browne

[So no 64252 d/6-2-06]

64 Edn

Madras
British Museum
G.O. No. 64 dy 6.2.06

46

Educational Department.

Read C. No.64, from the Superintendent, Govt. Museum, No.39, dated 12-1-06.

O R D E R:--
P.S.

His Excellency the Governor in Council has had under consideration ~~a proposal to~~ the establish-ment ~~a marine aquarium~~ of a marine aquarium not only for educational & scientific purposes on the Marina ~~constructed at along the foreshore~~ of the City of Madras as an extension of the museum and an annexe to the Presidency College, but as an exhibition open to the public, which H.E. is confident will prove to be both popular & attractive. Its construction will now be approved & sanctioned. Plans & estimates have been prepared & considered in consultation with Dr Thurston the Supt. of the Gt. Museum & with the Gt. Architect & the cost of a suitable building has been calculated at under R10,000, for which sum provision will be entered in the budget estr. ~~From the fact that at the museum the three small bowls containing little fishes and the tiny tank containing pond tortoises are among the most popular exhibits, the Government consider that an aquarium will prove to be both popular and instructive and a great addition to the attractions of the marina. The proposal is accordingly approved. The building which is estimated to cost Rs.9,680 will be partly below and partly above the ground level, the site selected being on the sand in front of the Presidency College.~~

In order that the building shd. in no way mar the beauty of the Marina, it will be constructed mainly under ground leaving only 6 or 7 feet above the general level, a superstructure wh. can be readily screened by trees & shrubs. The site selected for it is on the foreshore opposite the Pcy. Coll.

2. The Aquarium will be placed under the control of the Superintendent of the Government Museum as Director, and of a Committee composed of the following gentlemen ~~who will be assisted by the Demonstrator of Zoology at the Presidency College~~ ~~[illegible]~~ ~~and [illegible] College~~

The Hon'ble Mr. A.G. Bourne, D.Sc. F.R.S.
Mr. P.F. Fyson B.A. F.L.S. Professor of Biology Presidency College
Mr. J.R. Henderson, M.B. Cm. F.L.S. Professor of Biology and Zoology at the Chr. College
M.R.Ry. K. Ramunni Menon ~~Esq.~~ B.A. (Cantab.) Asst. Prof. of Biology, the Pcy. Coll.
Major W. Molesworth, M.B., B.S., I.M.S.
MR CSE, LRCP

3 The Comtee. will be assisted in the work of the Aquarium by the Demonstr. of Zoology at the Pcy. Coll. & if he will give his services, the Demonstr. for the time being at Chr. Coll.

A small fee will be levied from visitors to the aquarium, as otherwise so small a building would become unmanage overcrowded; ~~the fee is intended~~ and it is ~~[illegible]~~ also necessary ~~primarily as a~~ that some check ~~upon~~ shd be placed upon its becoming the resort of mere idlers.

4 Further orders on the plans and estimates prepared by the Consulting Architect will be passed in the Public Works Department.

5. Mr. Thurston ~~is~~ will be requested, in consultation with the Committee, to submit detailed proposals regarding the establishment to be maintained in connection with the aquarium, and the fee to be levied from visitors.

P.T.T.
16-1-06.

C.A.S.
17-1-06.

HDG
18.1.06

To

The S.G.M.
" Finl. Dept.
" P.W.D.
". A.G.

Educational Department.

C. No. 64, from the Superintendent, Govt. Museum, No. 39, dated 12-1-06.

ORDER:--64 d/ 6-2-06
P.S.

make fair copies for despatch when ordered
3/2/6

2-2-06

His Excellency the Governor in Council has had under consideration the establishment on the Marina of the City of Madras, of a marine aquarium not only for educational and scientific purposes as an extension of the Museum and an annexe to the Presidency College, but as an exhibition open to the public, which His Excellency is confident will prove to be both popular and attractive. Its construction will now be approved and sanctioned. Plans and estimates have been prepared and considered in consultation with Mr. Thurston the Superintendent of the Government Museum and with the Government Architect, and the cost of a suitable building has been calculated at under Rs.10,000, for which sum provision will be entered in the budget estimates.

In order that the building should not mar the beauty of the Marina, it will be constructed mainly under ground, leaving only 6 or 7 feet above the general level, a superstructure which can be readily screened by trees and shrubs. The site selected for it is on the foreshore opposite the Presidency College.

2. The aquarium will be placed under the control of the Superintendent of the Government Museum as Director, and of a Committee composed of the following

gentlemen

2.

LEQ ~~43~~ 5P

gentlemen:-

Page 531 of the History of Services	The Hon'ble Mr. A.G. Bourne, D.Sc. F.R.S, ~~[illegible]~~
	Mr. J.R. Henderson, M.B., C.M., F.L.S., Professor of Biology and Zoology at the Christian College,
Page 539 of —do—	Mr. P.F. Fyson, B.A., F.L.S., Professor of Biology, Presidency College,
Page 551 of —do—	M.R.Ry. K. Ramunni Menon, B.A.(~~Cantab~~), Senior Assistant Professor(Biology), Presidency College,
Page 628 —do—	Major W. Molesworth, M.B., B.S. ~~[illegible]~~, I.M.S.

The Committee will be assisted in the work of the aquarium by the Demonstrator of Zoology at the Presidency College and, if he will give his services, by the Demonstrator for the time being at the Christian College.

3. A small fee will be levied from visitors to the aquarium, as otherwise so small a building would become unmanageably overcrowded; and it is also necessary that some check should be placed upon its becoming the resort of mere idlers.

4. Further orders on the plans and estimates prepared by the Consulting Architect will be passed in the Public Works Department.

5. Mr. Thurston will be requested, in consultation with the Committee, to submit detailed proposals regarding the establishment to be maintained in connection with the aquarium, and the fee to be levied from visitors.

H.D.T.
18-1-06. G.S.F.

To the S.G.M. ✓
" Finl. Dept. ✓
" P.W.D. ✓ with plans & Estimates.
" A.G. ✓

6/2/6

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STATEMENT WITH DITTO.

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