Public Works (1896) Department.

G.O., No. 66

Dated 6-1-96

[Despatch Abstract.]

Police station building at Beyhoo: the proposed transfer of the —— to the Forest Deptt, 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.

No. 6 W., 6TH JANUARY 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following paper :—

From F. J. WILSON, Esq., Executive Engineer, West Coast Division, to the Superintending Engineer, IV Circle, dated Calicut, 10th December 1895, No. 573 S.E.

The Police Department having relinquished the Police Station building at Beypore (Provincial Register No. 17, Calicut taluk), I have the honour to request sanction to its transfer to the Forest Department which requires it.

No. 502 W.C.

Submitted to the Chief Engineer, Public Works Department, with a request that he will be good enough to obtain orders of Government sanctioning the proposed transfer.

(Signed) J. HANNAN,
Suptg. Engineer, IV Circle.

15th December 1895.

ORDER—No. 6 W., dated 6th January 1896.

Sanctioned.

(True Extract.)

(Signed) D. McNEIL CAMPBELL, Lt.-Col., R.E.,
Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. T. K. Narayana Aiyangar.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated January, 6th.

Read. *Encl.*

G.O. No. 6 W., 6th Jan. 1896.

JANUARY.

Police Station building at Beypore

The proposed transfer of the — to the Forest Department, sanctioned.

P. W. CURRENT No. 1212

P. W. D.

WEST COAST DIVISION.

SUPDG. ENGINEER'S OFFICE No. 712 W.C. 12 DEC 95 FOURTH CIRCLE.

FROM

THE EXECUTIVE ENGINEER,
WEST COAST DIVISION.

To

THE SUPERINTENDING ENGINEER,
FOURTH CIRCLE
Coimbatore.

Dated 10th December 1895.
Despatched -

No. 5738/E

Enclosure. —

Subject.

Police Station Building at Beypore

Requests sanction for the transfer of the ____ to the Forest Department.

GOVERNMENT OF MADRAS REVENUE DEPARTMENT 28 DEC 95

Written

Rec: 15-12-95

No 6 W/96 6th January 1896

Sanctioned.

Ch. 12 Bartlett
15/12/95

A.A. 20/12

T/B

Dwn

S.E. IV circle 14 JAN 96
Exec. P.W. Officers
Rev. Dept.

Executive Engineer's Office,
WEST COAST DIVISION,
Calicut, 10th December 1895.

No. 5738 E.

From

T. J. Wilson Esq.
EXECUTIVE ENGINEER,
West Coast Division,

To

THE SUPERINTENDING ENGINEER,
FOURTH CIRCLE
COIMBATORE.

Sir,

ENCLOSURES.

The Police Department having relinquished the Police Station building at Beypore (Provincial Register No. 17, Calicut Taluk), I have the honor to request sanction to its transfer to the Forest Department which requires it.

No. 5027/E
15-12-95
Submitted to the Chief Engineer P.W.D. with a request that he will be good enough to obtain orders of Govt. sanctioning the proposed transfer.

Superintending Engineer.

I have the honor to be
Sir,
Your most obedt. Servt.

Executive Engineer
10/12

6/35

Govt. of 1896 Madras.

PUBLIC WORKS.

Dated

Read Rect.

E

G.O. 6 January 1896. No. 76

Rent

—

Re Statement of data
for the Calculation of
Rent — of the building
known as Kaffen Hospital
& Store House till ab
Kotacamund, Approved.

—

1311

BD
5

No. 7 W., 6TH JANUARY 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General, Account.

READ—the following papers :—

From W. B. DEWINTON, Esq., Executive Engineer, Coimbatore Division, to the Superintending Engineer, IV Circle, dated 3rd November 1895, No. 4413.

With reference to your No. 519 C.I., dated 4th September 1895, I have the honour to state that the capital value of the building referred to is Rs. 7,654, and the monthly rent chargeable is Rs. 51 arrived at as follows :—

		Rs.
(*a*)	Capital cost	7,654
(*b*)	10 per cent. on (*a*) for establishment and tools and plant ...	765
(*c*)	Total capital cost	8,419
(*d*)	4 per cent. on capital cost for interest	336·76
(*e*)	3 per cent. on capital cost for repairs	252·57
(*f*)	10 per cent. on (*e*) for establishment and tools and plant ...	25·25
	Total yearly rent ...	614·58 (or 615)
	Monthly rent, $\frac{1}{12}$ of 615 ...	51

No. 469 W.

Copy submitted to the Chief Engineer, Public Works Department, with reference to G.O. No. 2169 W., dated 30th August 1895.

2. The rate of monthly rent for rooms of 281 square feet for each of the clerks is Rs. 7–4–7 at Rs. 2–9–6 for 100 square feet.

29th November 1895.

(Signed) J. HANNAN,
Suptg. Engineer, IV Circle.

Office-note from the Examiner, Public Works Accounts, dated 17th December 1895, No. 4444 D./A.

The monthly rent of Rs. 51 calculated on the revaluation of the building, viz., Rs. 7,654, is correct.

2. The number of rooms the building contains is not stated, but from the rent fixed it is presumed that there are seven rooms of 281 square feet each, and, if this is so, the rent fixed for each room (Rs. 7–4–7 per month) may be approved.

ORDER—No. 7 W., dated 6th January 1896.

The Executive Engineer's statement is approved.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated January, 6th.

Recd. *Encl.*

G.O. No. 7 W., 6th Jan. 1896.

JANUARY.

Rent

The statement of data for the calculation of the — of the building known as Sapper Hospital on Stonehouse Hill at Ootacamund, approved.

Executive Engr.s Office Coimbatore
3d. November 1895

No. 4413.

From

W. B. de Winton Esq
Executive Engineer Coimbatore Divn

To

The Superintending Engineer
Nilgiris Circle
Coimbatore

Sir,

With reference to your No. 519 C.I. dated 4th September 1895. I have the honor to state that the Capital value of the building referred to is Rs: 7654 and the monthly rent chargeable is Rs: 57 arrived at as follows:-

(a) Capital Cost ..... Rs: 7654
(b) 10% on (a) for establishment and Tools and Plant } 765
(c) Total Capital Cost Rs: 8419
(d) 4% on Capital Cost for Interest } Rs: 336-76
(e) 3% on Capital Cost for repairs Rs: 252-57
(f) 10% on (e) for establishment and Tools and Plant Rs: 25.25
Total yearly rent Rs: —— 614-5
Rs: 615-
Monthly rent 1/12 of 615 = Rs: 57.

5 DEC 1895
ACCOUNTS

Land the house &c &c

[signed] W. B. de Venitas
Executive Engineer

No 2469/W dated 29-11-95

Copy submitted to the Chief Engineer P.W. Department with reference to G.O. of No 2169-W. dated 30th August 1895.

2. The rate of monthly rent for rooms of 281 sq ft. for each of the clerks is Rs: 7-4-7 at Rs: 2-9-6 for 100 sq ft.

[signature]

Supg Engineer 4th Circle

4.12.95 No 3833 C.
14.11.95 - 3473 C.
30.8.95 - 2169 "
30.7.95 - 1887-8 "

No 4444 D/4 dated 17 Dec 1895

To W.

The monthly rent of Rs. 51 calculated on the revaluation of the building viz Rs. 7654 is correct.

2. The number of rooms the building contains is not stated but from the rent fixed it is presumed that there are 7 rooms of 281 s ft. each and if this is so, the rent fixed for each room Rs. 7-4-7 per month may be approved.

[signature]

No 7 W/96 January 1896

The Ex: Engr's Statement is approved.

[signature]

DESPATCHED
15 JAN. 95

S.E. IV circle

Exec P.W.s

10133

P. W. CORRESPONDENCE No. 7526

From

The Supg. Engineer
4th Circle.

No. 3833 C of 4th December 1895

To C

Dated 29th
Desp'd 30th } November 1895

For favour of remarks.

No. 2469
C/

Govt. of {1895} Madras.

FINANCIAL.

No. 45 W/y 8th January 1896

Recorded.

Sgd. C. A. B. B.

Issued 10 Dec
Dw 5508/95

Read. Encl.

G.O., No. 933, 28th Nov. 1895.

NOVEMBER.

Sapper Hospital on Stone House Hill, Potacammd.

Reporting the revaluation & the rate of monthly rent chargeable for each of the Clerks at the —

Budget Estimate.

Passing orders on the — of the Detention Hospital for 1896-97.

C. A. to Govt:

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

Read—again the following paper :—

G.O., No. 446, Financial, dated 11th June 1895.

Abstract.—Ordering that, in addition to the cost of the Detention Hospital at Madras, departmental charges also be met from Provincial revenues; and requesting the Lieutenant-General Commanding the Forces to arrange for the transmission to the Financial Department of a formal budget in connection with the said hospital by the 1st December next.

Read—also the following paper :—

From the Chief Engineer, Madras Command, Military Works, to the Chief Secretary to the Government of Madras, dated Ootacamund, 22nd November 1895, No. 6084.

With reference to the Proceedings of Government, Financial Department, Madras, No. 446, dated 11th June 1895, paragraph 3, I have the honour to state that Rs. 30,000 are required for expenditure on the Detention Hospital, Madras, during the current official year and Rs. 1,00,000 for 1896–97.

Order—No. 933, Financial, dated 28th November 1895.

Provision will accordingly be made in the Civil estimates for 1896–97 under *I. Land Revenue—Adjustments.*

2. The Accountant-General will arrange to place the necessary funds at the disposal of the Chief Engineer as may be required from time to time.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Lieutenant-General Commanding the Forces, Madras.
" Accountant-General.
" Chief Engineer, Madras Command, Military Works.
" Public Works Department.
Editors' Table.

Exd. A. Raitt.

Govt. of {1895} Madras.

FINANCIAL.

No 45 dtd 8 January

Recorded.

Issued

Recd. *Encl.*

G.O., No. 933, 28th Nov. 1895.

NOVEMBER.

Budget Estimate.

Passing orders on the — of the Detention Hospital for 1896-97.

C. A. to Govt:

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" Accountant-General.
" Chief Engineer, Madras Command, Military Works.
" Public Works Department.
Editors' Table.

Exd. A. Raitt.

Govt. of {1895} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., No. 933, 28th Nov. 1895.

NOVEMBER.

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Editors' Table.

Exd. A. Raitt.

Govt. of {1895} Madras.

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G.O., No. 933, 28th Nov. 1895.

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„ Chief Engineer, Madras Command, Military Works.
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Editors' Table.

Exd. A. Raitt.

Govt. of {1895} Madras.

FINANCIAL.

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J. F. PRICE,
Chief Secretary.

To the Lieutenant-General Commanding the Forces, Madras.
" Accountant-General.
" Chief Engineer, Madras Command, Military Works.
" Public Works Department.
Editors' Table.

Exd. A. Raitt.

Govt. of {1895} Madras.

FINANCIAL.

Issued

Read. *Encl.*

G.O., No. 933, 28th Nov. 1895.

NOVEMBER.

Budget Estimate.

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(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Lieutenant-General Commanding the Forces, Madras.
„ Accountant-General.
„ Chief Engineer, Madras Command, Military Works.
„ Public Works Department.
Editors' Table.

Exd. A. Raitt.

Govt. of {1895} Madras.

FINANCIAL.

Issued

Recd. *Encl.*

G.O., No. 933, 28th Nov. 1895.

NOVEMBER.

Budget Estimate.

Passing orders on the — of the Detention Hospital for 1896–97.

No. 933, Financial, 28th November 1895.

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FINANCIAL DEPARTMENT.

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2. The Accountant-General will arrange to place the necessary funds at the disposal of the Chief Engineer as may be required from time to time.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Lieutenant-General Commanding the Forces, Madras.
„ Accountant-General.
„ Chief Engineer, Madras Command, Military Works.
„ Public Works Department.
Editors' Table.

Exd. A. Baitt.

No. 77 W., 9th January 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From Surgeon-Major-General C. SIBTHORPE, F.R.C.P.I., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Madras, 13th December 1895, No. 557.

I have the honour to forward, for favour of early sanction of Government, the accompanying plan and estimate for a new carriage porch to the Government Lying-in Hospital, Madras, costing Rs. 765, prepared with reference to the requisition contained in G.O. No. 3020 W., dated the 27th November 1895.

No. 3078, Public.

Approved and transferred to the Public Works Department.

Fort St. George,
23rd December 1895.

(Signed) J. F. PRICE,
Chief Secretary.

Order—No. 77 W., dated 9th January 1896.

The estimate amounting to Rs. 765 for converting the carriage porch of the Lying-in Hospital at Madras into a waiting room and for constructing a new porch in front of the building is sanctioned as supplemental to the estimate of Rs. 32,834 sanctioned in G.O. No. 1370 W., dated 2nd June 1894.

2. The expenditure on the building to end of 1894–95 was Rs. 8,899 and the current year's grant is Rs. 23,834. The Consulting Architect will apply for such additional allotment as may be necessary.

3. This sanction has been registered as Provincial No. 92 W. of 1895–96 and classified as Civil Buildings, Original Works.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Consulting Architect, with four enclosures.
„ Examiner, Public Works Accounts.
„ Public Department.

Exd. T. K. Narayana Aiyangar.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated January, 9th.

Recd. *Encl.*

G.O. No. 77 W., 9th Jan. 1896.

JANUARY.

Carriage Porch

Estimate of Rs. 765 for converting the — of the Lying-in Hospital at Madras into a waiting room and for constructing a new porch in front of the building, sanctioned with remarks.

Public Works Department.

Current No. 1044.

Letter No 3078.

Dated 23rd December 1895.

From the Public Department.

NOTE BY TECHNICAL SECTION.

Name of work New Carriage porch to the Govt. Lying-in. Hospital at Madras.

Amount of Estimate Rs 765.

The plan & estimate under review amounting to Rs 765. have been framed with reference to G.O. No 3020 W dated 27th December 1895 & provide for utilizing the existing porch into a waiting room for people accompanying patients & for constructing a new carriage porch in front, as per plan accompanying.

The floor of the existing porch will be made level with the top of basement floor of main building & paved with 6" square pressed tiles laid over 4" of concrete & the existing steps removed & the new porch new Cuddapah slab steps will be provided at sides of the converted waiting room at E & F

The new porch will be 16'3" x 14'9" with carriage entrance 10'10" wide & will consist of wooden uprights carried on masonry base: the masonry [illegible]

Piles supported on teak cowples with the cable faces planked as shown on plan.

The rates are fair and the estimate is in order.

The plan & estimate may be returned to CA for sanction & early execution and the amount of estimate is within his power of sanction.

3.1.96.

6.1.96

This estimate has to be treated as supplemental to the estimate for additions to the Lying-in-hospital sanctioned in G.O. No. 1370 W dt 2 June 1894 and cannot therefore be sanctioned by the Lying Architect.

Maj
7/1/96.

7.1.96

on Pubs 959
20-11-95

4198

OFFICE OF SURGEON-GENERAL
WITH THE GOVERNMENT OF MADRAS,

No 557
Encl.

Madras, 15 December 1895.

From

SURGEON-MAJOR-GENERAL C. SIBTHORPE, F.R.C.P.I.,
SURGEON-GENERAL WITH THE
GOVERNMENT OF MADRAS,

To

Madras,

THE HON'BLE THE CHIEF SECRETARY TO GOVERNMENT,
Public DEPARTMENT.

SIR,

I have the honour to forward for favour of early sanction of Government the accompanying plan and estimate for a new carriage porch to the Government Lying-in Hospital, Madras, costing Rs. 765 prepared with reference to the requisition contained in G. O. No. 3020, Jr. dated the 27th November 1895.

I have the honor to be,
Sir,
Your most obedient Servant,

C Sibthorpe
Surgeon-Major-General
Surgeon-General
with the Govt. of Madras.

25. S.G.—200—2-11-95.

STUDENT NO. 4198

Public (1895) Department.

From

Surgn.-Major-General C. Sibthorpe, F.R.C.P.I.,

Surgeon-General with the

Government of Madras,

Madras,

No. 557

Enclosure. 2

Dated 13th December 1895.

Received 14th

No.

Subject.

Forwarding for the sanction plan and Estimate for a new carriage porch to the Govt. Lying-in Hospl. Madras.

Memo sent to P.W.D. for Rs 3020 W. with Endt.

P. W. CURRENT No. 10412

Pub for 2-9-59 to 20-11-95

Hue.

For approval.

7.D.B. 16.12.5. Have the 14th's note in the G.O. herewith.

2.D. 19/12/95

approved

W.P. 20/12/95

Rec: 16.12.95

Endt No. 3078

approved and transferred to the Public Works dept.

Fredk Nicholson

Chief Secretary

7.D.B. 21.12.5.

For R. St. George 23d December 1895

Endt P.21/2

Public Works Department.

No. 77 W. dated 9th January 1896

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Endt in the Public Deptt on letter from the Surgeon-General with the Govt of Madras, No. 557 dated 13. December 1895. (HE No. 3078 of 23. Dec. 1895).

The estimate, amounting to Rs 765 for converting the carriage porch of the Lying-in-hospital at Madras into a waiting room and for constructing a new porch in front of the building is sanctioned as supplemental to the estimate of Rs 32,834 sanctioned in G.O. No. 1370 W. of 2. June 1894.

2. The expenditure on the building to end of 1894-95 was Rs 8,899 and the current year's grant

grant is Rs 23,834. The Consulting Architect will apply for such additional allotment as may be necessary.

3. This sanction has been registered as Provincial No. 921 W of 1895-96 and classified as Civil Buildings, Original Works.

8/11/96

Copies 7/96

I/B

The Consg. Architect with 4 Encls.
" Encr. P.W. Accts
" Public Deptt.

8/11/96

6414

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated

Rect.

Encl.

G.O., 9. 1/ 1896 No. 77.W.

Carriage porch

—

Estimate of Rs. 765 for converting the — of the Lying-in-Hospital at Madras into a waiting room & for constructing a new porch in front of the building, sanctioned with remarks.

—

Govt. of {1895} Madras.

LOCAL AND MUNICIPAL.

—

88.6

Issued 8 Nov 28/95

Recd.

Encl.

No 203 Wtg 17 January 1896

Recorded.

W, D.C.

W

G.O., No. 2140 M., 21st Dec. 1895.

DECEMBER.

Drainage and Water-Supply Schemes.

Passing orders on the — of the City of Madras, and requesting the President to report on the details of the expenditure on pumping.

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No. 3146-C.

Transferred to the Local and Municipal Department.

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3. As sufficient funds are not available for the execution of both the drainage and water-supply projects, the Municipal Commissioners consider that the drainage scheme should have the preference. The Chief Engineer, for whose remarks the papers were referred, sees no reason to modify his opinion that it would be better to devote all available funds to carry out a complete scheme of water-supply on the lines suggested by Mr. Cousins in preference to a drainage scheme. The Government, on reconsideration, agrees with the Commissioners in this matter, especially as the Commissioners do not leave the water-supply out of consideration altogether, but propose to spend some lakhs upon it.

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As regards drainage, the Commissioners have considered two other schemes—one proposed by Mr. Ellis and the other by Mr. Loane—in both of which the objections raised against Mr. Cousins' scheme are met by omitting house-connections for the present. Mr. Ellis suggests that the larger drains of Mr. Cousins' scheme be laid down exactly as planned by him in such parts of the town as call for immediate action and that the other parts which are in a less insanitary condition be taken up later on. This scheme is estimated to cost 20 lakhs in the first instance and Rs. 1,54,780 annually to work. On the other hand, Mr. Loane's scheme, which is new, is estimated to cost 28 lakhs at first and Rs. 1,57,580 annually, though the latter sum may be reduced by Rs. 25,000 when the sewage farms begin to yield a profit. Mr. Loane proposes a sewer from Mylapore to Manalli, a distance of $6\frac{1}{2}$ miles,

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6. The special attention of the Municipal Commissioners will be called to paragraphs 20, 21 and 26 of Mr. Ellis' report on the hydraulic survey of the town, regarding the present condition of the pipes and the improvement of the head-works at Kilpauk, which call for very early consideration.

7. The President will be requested to report the details of the expenditure on pumping, referred to in paragraph 4 of Mr. Loane's memorandum of the 25th May 1895, as in the absence of these the Chief Engineer is of opinion that it is incredible that so large a sum as Rs. 20,000 per annum could have been spent on the work unless there was an extraordinary waste of money somewhere.

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To the President, Municipal Commission, Madras.
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„ Sanitary Commissioner.
„ Sanitary Engineer.
Editors' Table.

Exd. A. Raitt.

No. 2140 M., 21st December 1895.

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5. The question is raised in these papers of the raising of the F.S.L. of the Red Hills Lake; on this point I wish to express in the most decided manner my opinion that no such raising should be allowed on any consideration.

6. The whole question was carefully considered in 1884–85, and the arguments in favour of the reduction of the lake level which was then carried out are irresistible.

7. A reason given in favour of the increase is the large annual expenditure on pumping, which is stated by Mr. Loane (paragraph 4 of his memorandum of the 25th January 1895) at Rs. 20,000. In the absence of details of this expenditure it is impossible to say how far it can be justified, but it seems to me incredible that so large an expenditure should have been incurred unless there was an extraordinary waste of money somewhere.

8. With regard to the drainage, Mr. Ellis' proposals are, in my opinion, much preferable to those of Mr. Loane; they have the advantage that they work up to Mr. Cousins' more complete scheme, and I approve of them.

9. I should add that I have not at present seen reason to change my own opinion that it would be better to devote all available funds to carrying out a complete system of water-supply on the lines indicated by Mr. Cousins and to consider the drainage as secondary thereto, but the balance of opinion appears to be against this view, and if it be accepted as settled that the drainage question requires more immediate attention than that of water-supply, Mr. Ellis' proposals appear to be worthy of adoption.

(Signed) J. PENNYCUICK, Col., R.E.,
Chief Engineer, P.W.D.

No. 3146-C.

Transferred to the Local and Municipal Department.

Fort St. George,
28*th October* 1895.

(Signed) J. PENNYCUICK, Col., R.E.,
Secretary to Govt., P.W.D.

Order—No. 2140 M., dated 21st December 1895.

In G.O., No. 1651 M., dated 7th November 1894, the Government decided to abandon for the present the drainage scheme proposed by Mr. Cousins, as it was estimated to cost as much as 61 lakhs in the first instance and nearly $7\frac{3}{4}$ lakhs annually for maintenance, interest and sinking fund, and it was thought that his idea of house-connections was impracticable. The Commissioners were therefore requested to report the steps which should be taken to put the existing system of disposal of rubbish and night-soil in the town on a satisfactory footing. In regard to water-supply, however, the Government was of opinion that the scheme prepared by Mr. Cousins, and estimated to cost 25 lakhs to carry out and four lakhs annually to work, might be adopted, with the modifications suggested by Colonel Pennycuick and Mr. Jones, and accordingly desired the Commissioners to report the measures which they would propose to finance the scheme, to which the hydraulic survey of the town proposed by Colonel Pennycuick and Mr. Jones was considered to be an indispensable preliminary.

2. The Commissioners were also requested, in G.O., No. 661 M., dated 16th April 1895, to state whether they were still prepared to tax the imports of petroleum consumed in Madras in order to raise the funds required for carrying out the sanitary improvements under consideration.

3. As sufficient funds are not available for the execution of both the drainage and water-supply projects, the Municipal Commissioners consider that the drainage scheme should have the preference. The Chief Engineer, for whose remarks the papers were referred, sees no reason to modify his opinion that it would be better to devote all available funds to carry out a complete scheme of water-supply on the lines suggested by Mr. Cousins in preference to a drainage scheme. The Government, on reconsideration, agrees with the Commissioners in this matter, especially as the Commissioners do not leave the water-supply out of consideration altogether, but propose to spend some lakhs upon it.

4. The proposals submitted by the Commissioners for the satisfactory disposal of rubbish and night-soil have been disposed of in G.O., Mis. No. 2123 M., dated 19th December 1895.

As regards drainage, the Commissioners have considered two other schemes—one proposed by Mr. Ellis and the other by Mr. Loane—in both of which the objections raised against Mr. Cousins' scheme are met by omitting house-connections for the present. Mr. Ellis suggests that the larger drains of Mr. Cousins' scheme be laid down exactly as planned by him in such parts of the town as call for immediate action and that the other parts which are in a less insanitary condition be taken up later on. This scheme is estimated to cost 20 lakhs in the first instance and Rs. 1,54,780 annually to work. On the other hand, Mr. Loane's scheme, which is new, is estimated to cost 28 lakhs at first and Rs. 1,57,580 annually, though the latter sum may be reduced by Rs. 25,000 when the sewage farms begin to yield a profit. Mr. Loane proposes a sewer from Mylapore to Manalli, a distance of $6\frac{1}{2}$ miles,

No. 2140 M., 21st December 1895.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—again the following papers :—

G.O., Mis. No. 1226 M., dated 31st July 1895.

Abstract.—Awaiting the recommendations of the Madras Municipal Commissioners in connection with the drainage and water-supply of Madras.

G.O., Mis. No. 1672 M., dated 19th October 1895.

Abstract.—Referring to the Public Works Department, with remarks, papers relating to the drainage and water-supply schemes for the City of Madras.

Read—also the following paper :—

Note by the Chief Engineer, Public Works Department, dated 28th October 1895.

I have already had the advantage of discussing the questions raised in these papers with the President of the Municipal Commission and with Mr. Ellis and Mr. Loane.

2. As regards the water-supply, I consider that, pending the possibility of carrying out the complete scheme recommended by Mr. Cousins, which is practically the same as that proposed by the Committee of 1890, the municipality cannot do better than adopt Mr. Ellis' suggestions, as summed up in paragraph 33 of his report, dated 5th September 1895.

3. The improvement of the head-works at Kilpauk referred to in paragraph 26 of the report is a matter of great importance, and I concur in Mr. Ellis' recommendations on this point.

4. The condition of the pipes as explained in paragraphs 20, 21, must call for very early attention.

5. The question is raised in these papers of the raising of the F.S.L. of the Red Hills Lake; on this point I wish to express in the most decided manner my opinion that no such raising should be allowed on any consideration.

6. The whole question was carefully considered in 1884–85, and the arguments in favour of the reduction of the lake level which was then carried out are irresistible.

7. A reason given in favour of the increase is the large annual expenditure on pumping, which is stated by Mr. Loane (paragraph 4 of his memorandum of the 25th January 1895) at Rs. 20,000. In the absence of details of this expenditure it is impossible to say how far it can be justified, but it seems to me incredible that so large an expenditure should have been incurred unless there was an extraordinary waste of money somewhere.

8. With regard to the drainage, Mr. Ellis' proposals are, in my opinion, much preferable to those of Mr. Loane; they have the advantage that they work up to Mr. Cousins' more complete scheme, and I approve of them.

P. W. Department.

Public Works Department.

No 2 dated 18th January 1896.

PROCEEDI[illegible] THE MADRAS GOVERNMENT.

Read the following

It is understood that the Superintendent of Works, Periyar Project, has been instructed to have a complete set of photographs of the Works taken before the Works are closed. A set will be furnished to Colonel Pennycuick free of cost. It should be sent to the Secretariat by the Superintendent of Works for transmission to Colonel Pennycuick in England.

2. A history of the Works will be required, and Colonel Pennycuick has offered to write it. The thanks of Government will be conveyed to Colonel Pennycuick for this offer, the

(40—4,000—2-11-95.)

P.W. 25.

Major Pennycuik. Proposed
for the history of —

lsr

to accepted. The Chief
Engineer for Irrigation will
supply such information
as may be required to
enable the history to be
written.

OF

A

11/1/96

No 2066 W 18th January 1896.

Irg.

For favour of Secretary of State

Cords
11/96

Lucknow
1671
For.

To,
Col. J. Pennycuik, R.E., C.S.I.
East India United Service Club
16 St James Square, London S.W.
The Supdt. of Works, Irrigation Branch
" Chief Engr for Irrigation

223/4

9 15/1

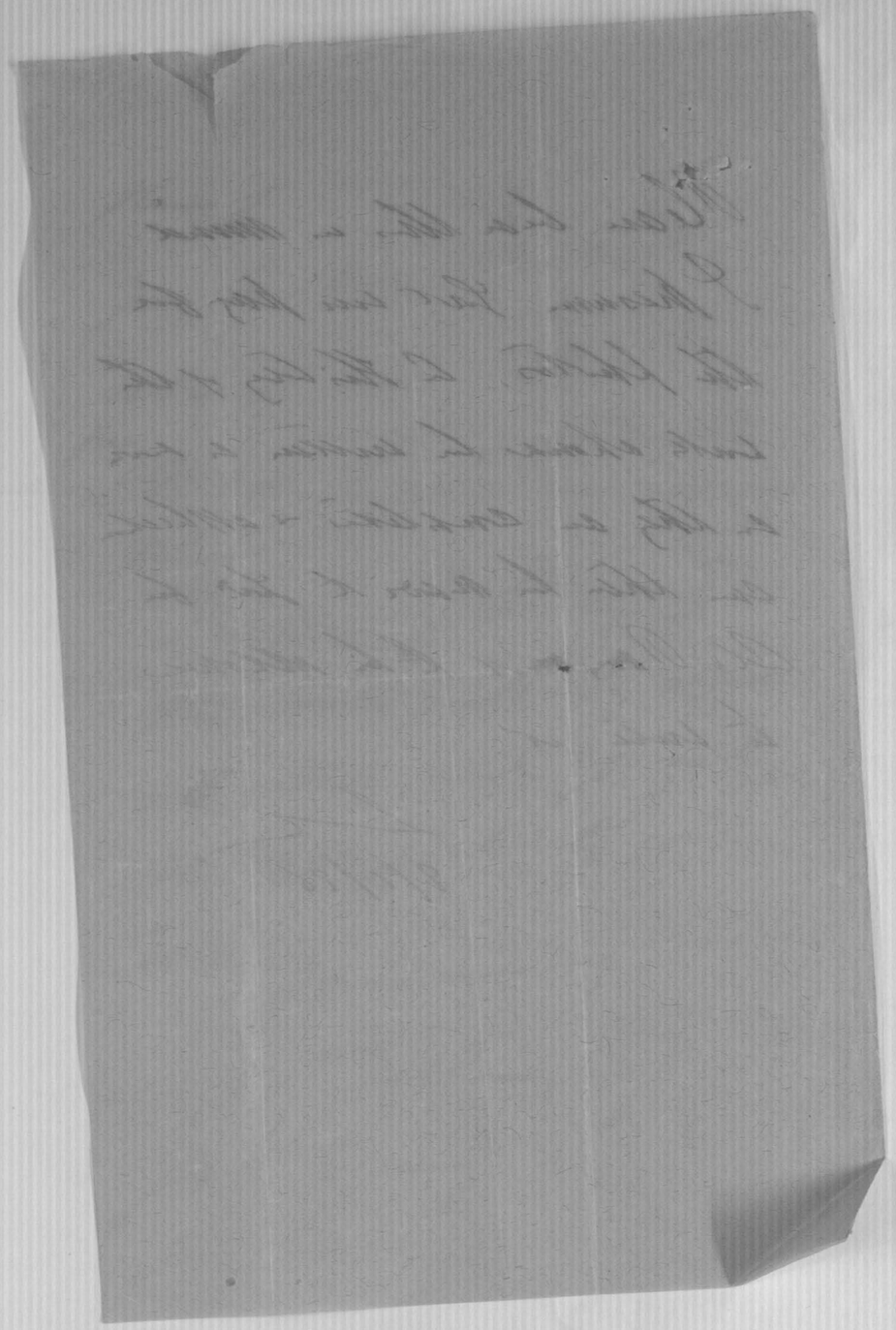
15 Jan 96

Lucknow Camp Feb
I have retained
Major Pennycuik's complete
set of photographs of the
Irrigation works taken by him
The works are closed, and
I shall be glad if you will
give orders for a set to be
sent Due at Home.
I wish I could go for

Please if you will, visit
[illegible] Rubbers
allowed me to have
pre
copies of all photographs
taken.
I suppose a fee to be
the costs will be signed
your Friend, and if not
should be glad to write
it.
Yours sincerely
[illegible]
Jan 9.86

Please look also in Mrs
I presume Lord will pay for
the photos. In Hinkley of the
Lords should be written to have
a list of contents + effects
Can this be done & Lord for
Ch. Dominick to be allowed
to write it

9/1/86



P. W. Department.

No. 206 W of 18th January 1896.

Read the following:—

FOR ORDERS.

The Superintendent of Works Periyar Project has been instructed to have a complete set of photographs of the works taken before the works are closed. — Colonel Pennycuick has asked to be furnished with a set. He has offered to pay for his set. But this will perhaps be considered unnecessary. Government has further allowed him to have free copies of all photographs taken.

2. A history of the works will be required, and

W

43—500-6-3-91.

FOR ORDERS.

Colonel Pennycuick has offered to write it. It is suggested that his offer be accepted with the thanks of Government.

Yes W
10 Jan

The Punjaub Exhibition – Photographic views, and history of –

W

9/1/96

R.S.

CURRY
9/96

H.E. 9/1. R 11/1.