# Public Works (1899) Department.

G.O., No. 965 W

Dated 5th April 1899.

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[Despatch Abstract.]

Quarters for inferior Servants at Allahabad

Informing the Executive Architect that the requisite provision of funds will be made in the Budget Estimate of the Public Works Department for 1899-1900, and directing him to make every effort to complete them as early as possible.

B.

[P. W. 2 / 1,000—7-1-99.]

Indexed. 8/W

BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

C. A. 5[illegible]-11-6-97

# Public Works (1899) Department.

CURRENT No. 2708

His Excellency the Governor

B/ No: 965 Wdy 5.4.99

From The Consulting Architect to the Government of Madras

Order H.L.H. 31.3.99

No. 4175

Dated 28th March 1899

Received 29.3.99

Registered

Enclosures

Spare copies

SUBJECT.

Requesting to place funds at Consg: Architt disposal Rs 6730/ early next official year for going on with the work of Constg: 2 blocks of 7 rooms for inferior Servants at Kotagiri and

B/ [illegible]

The requisite provision of funds will be made in the final issue of the Provincial Civil Works Budget for 1899-1900.

2. As the quarters are required for occupation during this season, every effort should be made to complete them as early as possible.

APK 29.3.99.

Ans 29/3/99

To The C. A. to Govt. D 5/4/99

Dw/W

Note. There being no sufficient number of quarters for menial servants accompanying the Govt. to the Hills, an estimate of Rs 6,730 for constructing two blocks of 7 rooms each on the Stone House Hill

G. A. 500 - 11-6-97.

BACK PAPERS.

| No. | Date. |
|---|---|
| | |

FURTHER PAPERS.

| No. | Date. |
|---|---|
| 6360 | 1-3-99 |

was sanctioned, and the Consg. Architect was called upon to report the amount that could be spent in 1898-99 vide G. O. No: 6360 of 1st March 1899.

2. The Consg. Architect requests that the full amount of the estimate, viz Rs 6730, may be placed at his disposal early next official year. The amount will be provided in the Provincial Budget which will be issued about the close of April next.

3. As the quarters are required for occupation during this season, it is proposed to inform the C. A. that ~~the building should be~~ ~~not complete~~ every effort should be made to complete the building as early as possible.

ALK
29.3.99.

Same
ASH

Submitted
1/4/99
29/3

Approved
1/4/99

N.E. 29/3/99. 4/4/99.

Office of the Consulting Architect to Govt,
Chepauk, Madras,
18th March 1899.

No. 4175

From

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

To

The Chief Engineer
Public Works Department

Sir,

Enclosures.

With reference to G. O. No. 6360 dated 1st March 1899 sanctioning Estimate for Rs 6730/ for constructing 2 blocks of 7 rooms for inferior servants at Cola-camund, I have the honour to request you will be good enough to place funds Rs 6730/ at my disposal early next official year for going on with the work.

I have the honour to be
Sir
Your most obedient Servant

C. S. Harris
Consulting Architect
to Government

BUILDINGS AND ROADS.
CIVIL WORKS.

# Government {1899} of Madras.

## PUBLIC WORKS.

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*Recd.* } 1899. *Enclosures*

*Regd.* *Spare copies*

**G.O., No. 636 W., 1st March 1899.**

## MARCH.

### Quarters for inferior servants accompanying Government to the Hills

Estimate of Rs. 6,730 for constructing two blocks of seven rooms each on Stone House Hill, Ootacamund, for inferior servants that accompany Government to the Hills, sanctioned, with remark, for execution by the Consulting Architect.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

Read—the following papers:—

From A. H. GARRETT, Esq., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 14th December 1898, No. 646/W.

With reference to your Memorandum No. 730 D., dated 28th July 1898, I have the honour to submit herewith for sanction plans and estimate amounting to Rs. 6,730 for constructing two blocks of lines of seven rooms each for peons of Government Secretariat office on Stone House Hill, Ootacamund.

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Office-note from the Examiner, Public Works Accounts, dated 7th January 1899, No. 22 A./A.

If the normal rent calculated under the rules exceeds 8 per cent. of the salaries of the proposed occupants, sanction of Government of India to the construction of the blocks is necessary under Code I, X, 17 (3) and G.O., No. 1482 W. of 31st May 1897.

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Telegram from the Secretary to the Government of India, Public Works Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 17th February 1899, No. 156 W.

Your 336 W. 3rd instant. Rule 17 quoted does not apply to menials' quarters. Proposed expenditure may be incurred without reference to India.

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Order—No. 636 W., dated 1st March 1899.

The estimate, amounting to Rs. 6,730, for constructing two blocks of seven rooms each on Stone House Hill, Ootacamund, for inferior servants that accompany Government to the Hills, is sanctioned for execution by the Consulting Architect.

2. The Consulting Architect will report what sum can be spent during the current official year on the collection of materials for the work.

3. The sanction accorded in paragraph 1 has been registered as Provincial No. 117 W. of 1898–99, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) A. W. SMART, Colonel, R.E.,
Ag. Secy. to Government.

To the Superintending Engineer, IV Circle.
„ Consulting Architect to Government.
„ Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

BUILDINGS AND ROADS.
CIVIL WORKS.

# Government {1899} of Madras.

## PUBLIC WORKS.

*Recd.*
*Regd.* } 1899.
*Enclosures*
*Spare copies*

**G.O., No. 967 W., 6th April 1899.**

## APRIL.

**Secretariat Offices on Stonehouse Hill, Ootacamund**

Estimate of Rs. 17,660 for additions and alterations to the —, sanctioned, with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**
**Civil Works.**

READ—the following papers:—

Office-note from W. B. DEWINTON, Esq., Chief Engineer, Public Works Department, to the Executive Engineer, Coimbatore division (unofficially), dated Ootacamund, 29th September 1898, No. 1002 D.

No. 881 D., dated 26th August 1898.
„ 794 D., „ 11th „ „
„ 774 D., „ 8th „ „
„ 633 D., „ 12th July „

The accompanying file on the subject of additional accommodation in the Secretariat buildings, Stonehouse, is forwarded to the Executive Engineer, in continuation of the verbal instructions already given by the Chief Engineer.

The following are the proposals:—

(1) To extend the telephone rooms eastwards and give the enlarged room on the north to the special branch and the one on the south to the telephone clerk.

(2) To extend the eastern gable upstairs in a northerly direction, remove the Public Works Department Under Secretary's room and bath-room, and build an upper story over the Revenue clerks' room, and in place of the Public Works Department Under Secretary's room and the Chief Secretary's bath-room, with terraced roof, with passage on site of present bath-room, and bath-room beyond as shown on the pencil plan.

(3) To raise the roof of the room occupied by the Chief Assistant, Public Works Department, to the same height as the room of the Joint Secretary, Railway Branch.

(4) To add on a room to the detached building to the north of the library, of the same size as the latter.

(5) The rooms in the detached building between the passage and the library, now in the occupation of the Local and Municipal Department, are to be slightly enlarged by curtailing the breadth of the passage, and the dividing wall between the rooms should be pierced with an arch so as to throw the two rooms into one. The new room thus formed will be allotted to the office of the Chief Engineer for Irrigation.

(6) All rooms allotted for clerks' offices should be fitted with racks for records similar to those in the present library.

No. (1) above will do for the special branch clerks.
„ (2) will do for the Under Secretary, Chief Assistant and clerks of the Public Works Department.
„ (3) will do for the Under Secretary, Railway Branch.
„ (4) will do for the new library, the old one being used partly for a tiffin room and partly for a lumber room.

The Local and Municipal Department clerks will occupy the room now occupied by Public Works Department clerks, and the room of the Chief Assistant, Public Works Department, might be used as a retiring room for the Secretaries.

Please submit plans and estimates with all possible speed as the additions have to be ready for occupation in April next.



ENCLOSURE.

STATEMENT of additional accommodation required in the Secretariat buildings at Ootacar

| Serial No. | Office. | Number of clerks to be provided for. | Approximate area. | Remarks. |
|---|---|---|---|---|
| 1 | Public Works Secretariat .. | One attender, one muchi and one clerk. | 200 square feet .. | May be provided by extending present room to the east. |
| 2 | Chief Engineer for Irrigation. | Two clerks .. | .... | The accommodation required for these clerks can be provided by alterations in the existing detached building. |
| 3 | Local and Municipal Secretariat. | One Assistant and three or four clerks. | Assistant's room 160 square feet. Clerks, 400 square ft. | The clerks' rooms will have to be racked for records. |
| 4 | Special Branch .. .. | One clerk and records. | 144 square feet. | |
| 5 | One general lumber room .. | For empty record boxes. | 400 „ | |
| 6 | One tiffin room for European clerks. | .... | 64 „ | |

*Note.*—In addition to these, one retiring room for the Secretaries is required.

From the Superintending Engineer, IV Circle, dated 23rd November 1898, No. 608 W.
„ „ „ IV „ „ 6th December „ „ 634 W.
Telegram from the Superintending Engineer, IV Circle, dated 2nd January 1899.
From the Superintending Engineer, IV Circle, dated 3rd January 1899, No. 4 W.
„ Consulting Architect to Government, dated 6th March 1899, No. 3838.

*Note by the Chief Engineer, Public Works Department.*

On a reference made by the Chief Secretary in July last, regarding the necessity for providing additional accommodation in the Secretariat offices, Stonehouse Hill, Ootacamund, investigations were set on foot regarding the requirements of other departments, and the best means of satisfying them. The requirements are shown in the statement attached to office-note No. 1002 D., dated 29th September 1898. After consultation with the Secretaries of the other departments concerned, the Chief Engineer issued the instructions contained in the above-mentioned office-note, for the preparation of plans and estimates. These were received in December last from the Superintending Engineer, IV Circle, with his letter No. 634 W., dated 6th December 1898, but the design for additions and alterations to the main building was found defective in important particulars, and was handed over to the Consulting Architect by Mr. deWinton with oral instructions for revision. A revised plan and estimate have now been received from the Consulting Architect, and they provide for the following accommodation:—

(*a*) *Main building—Northern wing.*—Extension of the telephone rooms on the ground floor to the north and west, the enlarged room thus formed on the west of the passage being allotted to the special branch of the Chief Secretariat, and the room on the east of the passage to the telephone clerk. Erection of an upper story with retiring rooms over the rooms proposed to be allotted to the special branch and the telephone clerk, for the use of the Under Secretary, Public Works Department.

(*b*) *Southern wing.*—Extension of the room hitherto occupied by the Chief Assistant, Public Works Department, to the west, and the erection of an upper floor over it, in continuation of the room occupied by the Joint Secretary, Public Works Department, Railway Branch, the lower room thus extended being allotted to the clerks of the Local and Municipal Department, in addition to the room hitherto occupied by the Public Works Department clerks, and the upper room newly formed, to the Under Secretary, Railway Branch.

(*c*) *Central block.*—Improving the western portion of the room occupied by the clerks of the Revenue Department, and building an upper story over it for the use of the clerks of the Public Works Department, a portion of the upper room thus formed being allotted to the Chief Assistant, Public Works Department.

(*d*) Provision of two wooden staircases on the north and the south of the Revenue Department clerks' room, so that the present main staircase may not be used by the clerks and servants of the Public Works Department.

(*e*) *Detached Building.*—Addition of a room to the north of the existing library, of the same size as the latter, to be used as a library, the existing library being altered into two rooms, one for use as a tiffin-room for European and Eurasian clerks, and the other as a lumber room.

(*f*) Alterations and enlargement of the room hitherto in the occupation of the clerks of the Local and Municipal Department, so as to form one large room for the records and the clerks of the Joint Secretary, Irrigation Branch, the room hitherto occupied by the clerks of the Irrigation and the Railway Branches being exclusively reserved for the latter branch.

2. The above additions and alterations will be seen on referring to the plans, and have been designed by the Consulting Architect, after reference to the Chief Secretary and the Secretaries in the Revenue and the Local and Municipal Departments.

3. The original estimate of Rs. 17,700 submitted by the Superintending Engineer has been reduced by the Consulting Architect to Rs. 17,660, and the latter estimate is recommended for sanction.

4. In G.O., No. 376 W., dated 6th February 1899, the Consulting Architect was authorised to proceed with the improvements in anticipation of sanction to the revised estimate, and these are now in an advanced stage of progress. The building will, it is stated by the Consulting Architect, be ready for occupation by the time the Government goes to the Hills.

5. The accommodation proposed for the Public Works Secretariat requires re-arrangement. The room provided for the Chief Assistant, Public Works Department, is too small. He is at Ootacamund for the whole season, and conducts the whole correspondence connected with the Public Works and Marine Departments under the supervision of the Secretary. He is also Secretary to the Sanitary Board. For the efficient and prompt discharge of his duties in both capacities, he requires to have at hand a large reference library, portfolios of plans, stock files, Acts of the Legislature and many papers containing rulings of general importance. Unless his room contains ample space for the methodical and orderly arrangement of these various sources of information, confusion, delay, and probably mistakes are likely to occur in the disposal of the work of the Public Works and Marine Departments of the Government, and the numerous questions laid before the Sanitary Board. Under the proposed arrangement, the Under Secretary, Public Works Department, has to pass through the rooms allotted to the Chief Assistant and the Public Works Department clerks, in order to get to the Secretary's room, which is most inconvenient. The building is too far advanced to make any special alterations in construction, and everything necessary can be done by re-arrangement of the proposed accommodation. The Railway Under Secretary is mainly an inspecting officer, and on this ground is excused signing on behalf of Government, and has not hitherto been provided with a separate room. No separate provision for his accommodation is necessary any more than for the accommodation of the Under Secretary, Irrigation Branch. The following re-arrangement of accommodation is, after careful consideration, therefore proposed, as likely to better meet the interests of all concerned :—

(*a*) The room marked on the plan for the Joint Secretary, Railway, to be allotted to the two Under Secretaries, Public Works Department and Irrigation, the former Under Secretary being resident on the Hills for five months.

(*b*) The room marked for the Under Secretary, Railway Branch, to be given to the Chief Assistant, Public Works Department.

(*c*) The room marked for the Under Secretary, Public Works Department, and that marked C. A. W.'s room to be made over to the Joint Secretary, Railway Branch, to be utilized as he may desire.



6. The above arrangement will not curtail, but will considerably increase, the accommodation which the Joint Secretary, Railway Branch, has hitherto had, the area of the proposed rooms, with the retiring room, being 675 square feet against the existing area of 481 square feet. His Under Secretary will also be close to him. The advantage for the Public Works Secretariat generally will be that its Chief Assistant will have sufficient accommodation and the three Public Works Secretaries will have their assistants within easy reach of them.

(Signed) A. W. SMART, Colonel, R.E.,
11th March 1899. Acting Chief Engineer.

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Order—No. 967 W., dated 6th April 1899.

The estimate, amounting to Rs. 17,660, as altered by the Consulting Architect, for additions and alterations to the Secretariat offices on Stonehouse Hill, Ootacamund, is sanctioned.

2. The re-arrangement of accommodation, proposed in paragraph 5 of the Chief Engineer's note read above, is approved.

3. A sum of Rs. 9,500 has been allotted to the work in the current official year, and the balance of the estimate will be provided in the final issue of the Provincial Civil Works budget for 1899–1900.

4. The conversion of the existing library in the detached building into two rooms, referred to in paragraph 1 (*e*) of the Chief Engineer's note, should be held in abeyance until after the move of Government to the Hills, when a decision will be arrived at.

5. Of the two retiring rooms, adjacent to the Revenue Department clerks' room, on the lower floor of the main building, the southern one will be allotted for the muchi of that department.

6. Two additional record-racks should be provided for the Local and Municipal Department clerks' room.

7. The sanction accorded in paragraph 1 has been registered as Provincial No. 2 W. of 1899–1900 and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) A. W. SMART, Colonel, R.E.,
Ag. Secy. to Government.

To the Superintending Engineer, IV Circle.
„ Consulting Architect to Government, with seven enclosures.
„ Examiner, Public Works Accounts.
„ Chief Engineer for Irrigation.
„ Consulting Engineer for Railways.
„ Public Department.
„ Revenue Department.
„ Local and Municipal Department.

Exd. A. Rungasawmy Aiyangar.

[ G. 182 ]
1,500-28-9-00

# CURRENT FILE.

D/

No. 3542 8/26 May 1898.

Ex Engr. Coimbatore

The Ex. Engr. Coimbatore is requested forward direct to the Office, at an early date, the plans of the Lecturer's buildings at Chinchona, Ootacamund, as they are urgently required for reference

DSPO 26/5/98 A&K 26.5.98

Also 6 Cs in Circle for information

DSPO 26/5/98 A&K 26.5

No. 2185

Executive Engineer's office,
Coimbatore Division.
Dated 28th May 1898.

FROM,

C. H. B. Burlton Esqre
EXECUTIVE ENGINEER
COIMBATORE DIVISION.

TO,

THE Chief Engineer
Public Works Department
Ootacamund.

Sir,

ENCLOSURE. 111

With reference to your No. 354 D/K dated 26th May 1898, I have the honor to forward by packet post 11 plans of the Secretariat buildings, Stone House Hill, Ootacamund.

I have the honor to be,
Sir,
Your most obedient servant,
(By order)

Examined
28-5-98.
Accountant
for Executive Engineer.

S.G. 28/5
500—18-10-97. 98

P.W.D
C Ho

C Ho
CY Rd 2nd June 1898

From

The Executive Engineer
Conciliatore Division

No 389 D., d/ 1st June 1898.

to the S.I with reference to his report for three plans.

A. Russell
D.W.

1.6.98.

Dated 28th
Desp 28th } May 1898
Recd 1st June 1898

No 2185

Encl 11.

Secretariat buildings
Stone house hill ooty

Forwards 11 plans of the-

The plans are returned. They are only the plans of 1882 & 1883 for the improvement of the main block and are of no use for any purpose. The plans I particularly wanted are those of the more recent buildings at the back.

2.6.98. W Hughes

HC

CS/1 CS/43

No. 2185

Executive Engineer's office,
Coimbatore Division.
Dated 28th May 1898.

FROM,

C. H. B. Burlton Esqr.
EXECUTIVE ENGINEER
COIMBATORE DIVISION.

TO,

THE Chief Engineer
Public Works department
Ootacamund.

Sir,

ENCLOSURE. 11

With reference to your No. 354 D dated 26th May 1898, I have the honor to forward by packet post 11 plans of the Secretariat buildings, Stone House Hill, Otacamand.

I have the honor to be,
Sir,
Your most obedient servant,
(By order)

Executive Engineer
28-5-98.
Accountant.
for Executive Engineer.

S.G. 28/5
500—13-10-97.

P.W.D

Memo:

No. 404 Dy. of Fr. June 1898

In returning the plans of 1882 & 1883 for the improvement of the Secretariat buildings on the Stone-house Hill, Ootacamund, received with the letter from the Exy: Engineer, Coimbatore Division, No. 2185 dated 28th May 1898, the undersigned has the honour to request that the Exy: Engineer will be so good as to forward more accurate the plan of the detached building (south-west of the main block which is occupied by the Establishment of the Chief Secretariat and the offices of the Chief Engineer for Irrigation and the Consty. Engineer for Railways, and the Chief Secretariat Library.

This

This plan is asked for as it is under contemplation to extend the detached building in order to provide increased accommodation for the offices of the Chief Engineer for Irrigation and the Consulting Engineer for Railways.

A.E.K
3.6.98.
D.W.

May

To
The Exc: Engineer Coimbatore D.
with enclos:
D.S.P.W. 6.6.98

Executive Engineer's office,
Coimbatore Division.

No. 2307

Dated 9th June 1898.

FROM,

C. A. B. Burlton Esq
EXECUTIVE ENGINEER
COIMBATORE DIVISION.

H.E.G. ENGINEER'S OFFICE, E.N.D.
No.
29 NOV. 98
ENCLD
FOURTH CIRCLE

TO,

THE Chief Engineer
D.P.W.
Coty

Sir,

ENCLOSURE.

1 Plan

With reference to your no. 404 D. dated the 4th June '98; I have the honor to forward the plan of the detached building which is occupied by the establishment of the Chief Secretariat, the office of the Chief Engineer for Irrigation and the Consulting Engineer for Railways, &c, and to inform you that there are no other plans available in my office records in connection with the above buildings.

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

C. A. B. Burlton,
Executive Engineer.

A.V.
500—13-10-97. 7/6/98

P. W. D.

C Ex

(2)

FROM

THE EXECUTIVE ENGINEER,

COIMBATORE DIVISION.

D/

No. 474 D., dt 13th June 1898

To L. S.

To THE Chief Engineer
P. W. Departt

With reference to his request for the plans.

*Dated* 9th
*Despatched* 10th } June 1898
*Received* 11th

13.6.98

W.

No. 2307 Draj

ENCLOSURES.

Plan of the Detached building Towards — which is occupied by the establishment of the Chief Secretariat etc.

Qus C.1
10217/98

HL

D/
47

E. I. Form No. 22—2,000—8-8-96.

GOVT. OF MADRAS. } 1898. { P. W. DEPT.

CHIEF ENGINEER FOR IRRIGATION.

SUPDG. ENGINEER'S OFFICE, S.E.W.D.
No .....
29 NOV. 98
Encld .....
FOURTH CIRCLE.

Madras, 21 June 1898.

OFFICE NOTE No.

Circulation Register.

| To | From | Despatch Date. | Receipt Date. |
|---|---|---|---|
| lv | I. | 21.6.98 | |
| | | | |
| | | | |

Rd. for perusal & return.

KEEP-WITH.

No. , dated 189 .

I am understood that the Chief Secretary intends to consult all the Secretaries who want more room for their Offices in order that their needs may be considered as a whole.

The accompanying plan sent to me by the Exec. Engineer* at Divi requires to be rejected when the Secretaries meet.

W.H.

* with his letter No 2307 d/ 9 June 1898

Urgent

No. 6330

Government of Madras,

Public Works DEPARTMENT.

SUPG. ENGINEER'S OFFICE No ..... 29 NOV. 98 CHECD EDMBR

MEMORANDUM.

Dated Madras, Ootacamund, 12th July 1898.

Additional accommodation being required in the Secretariat offices on Stonehouse Hill, Ootacamund, it is proposed to obtain it to some extent by building an upper story over each of the end wings of the clerks offices on the lower platform vide accompanying plan. Before deciding finally, however, it is necessary to ascertain whether the walls and foundations of the existing buildings will bear the additional weight. It must be remembered that the walls of the upper rooms may subsequently be racked for records, and this additional weight should be taken into account. The Executive Engineer should be instructed to make a careful examination and report the result.

2. The matter should be attended to as early as possible.

E.W. 11.7.98

Note for W.

Mr. Fremantle wished to see the end of the passage into which it is proposed to open a door for the P.W. Chamber + attendants should be enclosed for the peons on their benches. He thinks the space reserved for the peons in attendance should extend as far as the pillar in the smaller space proposed. Mr. Fremantle suggests the advisability of the P.W. Secretary being moved into the D room in the direction of the bay window and their room could be better thrown to

The Suptg. Engineer IV Circle with 1 plan.

This can be retained when estimate are under preparation

11.7.98

[P. W. 41. 1,000—28-2-98.]

SUP'G. ENGINEER
No.
29 NOV. 98
Circle
FOURTH C

P. W. Department.

Memorandum.

No 7764 D, of 8th August 1898

The Chief Engineer has the honour to invite attention to his Memo No 633 D dated 12th July 1898 on the subject of additional accommodation for the Secretariat offices on Stonehouse Hill, Ootacamund, and to request the favour of a very early reply.

C.E. W.S. 9.8.98

Ex

With form

The Supdg Engr: IV Circle

Ou C.2 10/7/98

Sm MK

Mem 8.8.98

633 R 12-7-98

SUPT. ENGINEER'S OFFICE, P.W.D.
No. .....
29 NOV. 98
CHECK .....

Public Works Department.

Memorandum.

No. 7942 R 11 - August 98

The undersigned has the honour to request that the Executive Engineer Coimbatore Division will be so good as to furnish for reference the plan of the lower and upper floors of the main building of the Secretariat offices on Stonehouse Hill, Ootacamund. The plan for improving the staircase of the building adding new room which they it is believed prepared by Mr. Gray some years ago Mr. Gray 11.8.98 shd. also be forwarded if it can be found.

E.M.

with favourable recommendation

Note for D.

The occupants of each rooms will be entered on the plans when it is received from the Executive Engineer, Coimbatore Division.

The Executive Engineer, Coimbatore Dn. D/D 4/5 98

I Reminder Sent 22-8-98.

D.S.S. 10.7.98

Lot 2-35

# Public Works (189 ) Department.

CURRENT No. 29 NOV. 98

C.E.

*From* The Supt. Engineer
4th Circle.

*Order*

No. 438/5

*Dated* 12th August 1898

*Received* 15th Do

*Registered*

*Enclosures* One.

*Spare copies*

SUBJECT.

Clerks' Offices, Stone house Hill, Otacamund.

Reports the defects in the foundation of 3 objects building an upper story over the —

Ots. 11/1024/1898

Ots/84

BACK PAPERS.

| No. | Date. |
|---|---|
| | |

FURTHER PAPERS.

| No. | Date. |
|---|---|
| | |

Letter from C. H. B. Burton Esq
Executive Engineer Coimbatore Division
to the Superintending Engineer Fourth Circle
No. 3349 dated 9th August 1898

SUPG. ENGINEER'S
No
29 NOV. 98
CIRCLE
FOURTH

With reference to your endorsement
No. 414/C.J of 14th July 1898 forwarding
Chief Engineer's Memorandum No. 633.G.
of 12th July 1898, I have the honor to report
that I examined the foundations of the end
wings of the clerks offices of the Secretariat
at Ootacamund on 22d July and to
state that those of the South wing consist
of about 1-6" of brick work in mortar
with a foot and over of concrete below.
but the concrete is very bad. To the North
wing there is no concrete at all; in fact
one might almost say no foundation
at all, for the basement is merely let
into the ground for a foot or so deep the
and there is nothing beneath it. The main
walls of both North and South wings are
in several places cracked in consequence

of these defects. Therefore the building of an upper storey is altogether out of the question.

2. The Chief Engineer himself has seen the state of things.

---

No. 438/W.

Copy submitted to the Chief Engineer P.W. department, with reference to his memo: No. 633. D dated 12th July 1898

Encls: 1. Tracing

Coimbatore 12th August 1898

Executive Engineer 4th Circle

10/8/98

P.W.S. 13/1027/98

P.W. (1898) Department.

SUPG. ENGINEER'S OFFICE No. 29 NOV. 98 ENCIS FOUR

CURRENT No. 6974

From The Chief Engineer for Irrigation

No.

Dated 16th August 1898

Received 17th Do

Registered 20.8.98

Enclosures

Spare copies

SUBJECT.

Stonehouse offices at Ootacamund. Referring W to S's letter No. 201/W dy 26th April 1892. W to G.O. No. 1543 W dy 20.5.92 re: extra accommodation & new back faces to the

A/c to Circ 6974 is returned herewith with below-mentioned remarks and also a report on the subject as per slip contained

Cer 23/4/98

A/c to G.O. 5318

88

## BACK PAPERS.

| G.O. | No. | Department. | Date. |
|---|---|---|---|
| | 990 M | Rd | 29-4-95 |
| | 683 C | " | 21-2-95 |
| | 1543 M | " | 20-5-92 |

## FURTHER PAPERS.

| G.O. | No. | Department. | Date. |
|---|---|---|---|
| | | | |

E. I. Form No. 22—2,000—8-8-96.

SUPDG. ENGINEER'S OFFICE P.W.D.
No .....
29 NOV. 98
Circle

GOVT. OF MADRAS. } 189 8. { P. W. DEPT.

CHIEF ENGINEER FOR IRRIGATION.

Coimbatore
~~Madras,~~ 16 Augt 189 8.

OFFICE NOTE No.

Circulation Register.

| To | From | Despatch Date. | Receipt Date. |
|---|---|---|---|
| W | I | 16/8 | |

KEEP-WITH.

No. , dated 189 .

Extra accommodation
& new back face to the
Storehouse offices at
Coimbatore ——

See SE's letter No 201 W
of 26/4/92 forwarding plan & est.
& read. No 1543 M of 20/5/92
the plan & est. do not
appear to have been sent
back to the SE (IV)

JCL
16/8/98

Q. No 1543 M
20-5-92

No. 3654

Executive Engineer's office,
Coimbatore Division,
Dated 22nd August 1898.
Recd 24th

FROM,

C. H. B. Burlton Esq:,
EXECUTIVE ENGINEER
COIMBATORE DIVISION.

SUPG. ENGINEER'S OFFICE P.W.D. SOUTH
No
29 NOV. 98
CHECK

TO,

THE Chief Engineer
P.W.D

Sir,

ENCLOSURES.

With reference to your Memorandum No 3794 D of 11th August 1898, I have the honor to forward herewith four plans of the lower floors of the main building of the Secretariat Offices, Stonehouse Hall, Ootacamund.

2. I hope these are what you want, and should feel obliged if they may be returned when done with.

I have the honor to be,
Sir,
your most obedient servant

C. H. B. Burlton
Exc: Engineer

500—19-10-97.

S.G 20/8 98

P. W. D.

From

The Executive Engineer,
Coimbatore Division.

To

The Chief Engineer

Dated 22nd
Despatched 24th } August 1898
Received

No. 3654.

Enclosures, 4

Sir,

I have the honour to forward 4 plans of each room in the Secretariat offices for revision and return.

2. The plans are not up to date. Ask E.E. Coimbatore to have fresh plans prepared of the building as it is at present showing lower floor, upper floor and rear elevation. I have also asked him to treat the matter as urgent. When received I shall be able to submit the plans for sanction.

I have &c.

Executive Engineer.

Urgent

P. W. Department.

Memorandum

No. 881 dd 26th August 1898

The Chief Engineer has the honour to remark that the plans submitted by the Executive Engineer, Coimbatore Division with his letter No. 3654 dated 22nd August 1898 are not up to date. He is requested to be so good as to have fresh plans prepared of the Secretariat building as it is at present, showing lower floor, upper floor, and rear elevation.

2. It is requested that this requisition be treated as urgent.

3. The following plans are herewith returned:—

1. Additions to Stonehouse - Plan of basement showing arrangement of timbers in upper floor dated 25th Octr 1882
2. —do— . Plan of basement floor d/ 18th Novr 1882
3. —do— . Working drawings d/ 8th Decr 1882
4. Revised plan of proposed alterations and additions to Government offices - East Elevation d/ 1st Octr 1883
5. Plan of a portion of the upper and lower storey of the Government offices on Stonehouse Hill at Ootacamund showing the addition of an office room ruled d/ 16 August 1886.

6.

6. Plan of proposed additions for the Clerks office Stonehouse at Ootacamund d/24 Octr 1890.

7. Plan of the Clerks offices showing the proposed Record room at Govt. office, Ootacamund d/15 April 1892.

8. Site plan of Stonehouse platform d/15-4-92

9. Plan showing improvements and extensions to the Govt offices, Ootacamund d/15-4-92

The Ex. Engineer,
Coimbatore Dn

No. 4132.

Executive Engineer's office,
Coimbatore 20th September 1898

FROM,

C. H. B. Burlton Esqr.

EXECUTIVE ENGINEER

COIMBATORE DIVISION.

TO,

The Chief

THE ~~SUPERINTENDING~~ ENGINEER

~~FOURTH CIRCLE, COIMBATORE.~~

P. W. D.

Ootacamund

Sir,

ENCLOSURES.

1 Tracing.

With reference to your No. 881 B. dated 26.8.98 I have the honor to forward herewith a fresh drawing of the Secretariat officesat Ooty shewing plan of lowes and upper floors and rear elevation.

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

C. H. B. Burlton.

Executive Engineer

250—14-10-97; 98

urgent

P.W.D

Clrs

From,

The Executive Engineer

Coimbatore Dn.

To,

The Chief Engineer

P.W.D.

Dated 20th Sept 1898

Rd 22nd " "

No 4133.

Encl: 1 (1 Plan)

Subject.

Secretariat offices ext.

Forwards a fresh drawing of — showing plan of lower & upper floors and rear elevation.

Urgent

SUPG. ENGINEER No. 881 Cd 29 NOV. 98 Encl. 9 FORT

EXECUTIVE ENGINEER'S OFFICE No. 6634 7 NOV. 1898 Encl. COIMBATORE.

"Encl: No 9 to letter No 634"

The limits of the compass are incorrect throughout this memo, & have been corrected in pencil

No. 1002 D.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Ootacamund, 29 Septr 1898.

OFFICE NOTE.

From

The Chief Engineer, P.W.D.

To

The Executive Engineer,
Coimbatore Division.
(Unofficially.)

The accompanying file on the subject of additional accommodation in the Secretariat buildings, Stonehouse, is forwarded to the Executive Engineer in continuation of the verbal instructions already -- given by the Chief Engineer.

The following are the proposals:-

(1) To extend the telephone rooms ~~Eastwards~~ northwards and give the enlarged room on the ~~North~~ West to the special Branch and the one on the ~~South~~ East to the telephone clerk.

(2) To extend the ~~Eastern~~ western gable upstairs in a ~~northerly~~ westerly direction, remove the P.W.D. Under Secretary's

Secretary's room and bathroom, and build an upper story over the Revenue clerks' room, and in place of the P.W.D. Under Secretary's room and the Chief Secretary's bath-room, with terraced roof, with -- passage on site of present bath room, and bathroom beyond as shown on the pencil plan.

i.e. this terrace roof and the room under it the passage will extend from the Eastern to the Western gable.

(3) To raise the roof of the room occupied by the Chief Assistant, P.W.D. to the same height as the room of the Joint Secretary, Railway Branch, so as to form a new room.

(4) To add on a room to the detached building to the North of the -- Library, of the same size as the latter.

(5) The rooms in the detached building between the passage and the library, now in the occupation of the Local and Municipal Department, are to be slightly enlarged by curtailing the breadth of the passage, and the dividing wall between the rooms should be pierced with an arch so as to throw the two rooms into one. The new room thus formed will be allotted to the office of the Chief Engineer for Irrigation.

(6) All rooms allotted for clerks' offices should be fitted with racks

100

SUPG. ENGINEER'S OFFICE, P.W.D.
No .....
29 NOV. 98
Encls .....
FOURTH CIRCLE.

racks, for records similar to those in the present library.

No (1) above will do for the special branch clerks.

(2) will do for the Under Secretary, Chief Assistant and clerks of the Public Works Department.

(3) will do for the Under Secretary, Railway Branch.

(4) will do for the new library, the old one being used partly for a tiffin room and partly for a lumber room.

The Local and Municipal Department clerks will occupy the room now occupied by P.W.D. clerks, and the room of the Chief Assistant P.W.D. might be used as a retiring room for the Secretaries.

Please submit plans and estimates with all possible speed as the additions have to be ready for occupation in April next.

Chief Engineer, P.W.D.

With complete file, to be returned.

The Cadyr is in lift and the Rathmines Land Tax.

Statement of additional accommodation required in the Secretariat buildings at Ootacamund

| Serial No. | Offices | Number of clerks to be provided for. | Approximate area | Remarks. |
|---|---|---|---|---|
| 1 | P. W. Secretariat | 1 attender, 1 Munshi and 1 clerk | 200 Sq. ft. | May be provided by extending present room to the East |
| 2 | Chief Engr. for Irrigation | 2 clerks | | The accommodation required for these clerks can be provided by alterations in the existing detached buildings |
| 3 | Local & Immd. Secretariat | 1 Assistant & 3 or 4 clerks. | Assistants room. 160 Sq. ft. Clerks. 400 | |
| 4 | Special Branch | 1 clerk & records. | 144 Sq. ft. | The clerks' rooms will have to be racked for records. |
| 5 | One general lumber room. | for empty record boxes | 400 Sq. ft | |
| 6 | One tiffin room for European clerks | | 64 Sq. ft | |

160
400
144
400
64
1168

Note In addition to these, one retiring room for the Secretaries is required.

W/ Submitted
L.S. 23 Sept 88

SURVEYOR GENERAL'S OFFICE 29 NOV. 88 No. Encls FOURT

D

Urgent

P.W. Department.

No: 4843C dy 4-11-98

Memorandum

No: 1002 D dy 29.9.98
990 W dy 29.4.95
711C dy 25.2.95
683C dy 21.2.95
1543 W dy 20.5.92

In forwarding for the information of the Superintending Engineer IV Circle the accompanying copy of an unofficial communication to the Executive Engineer Coimbatore Division, No. 1002 D dated 29th September 1898 in regard to plans and Estimates for alterations and additions to the Secretariat buildings Stonehouse, Ootacamund, to which no reply has yet been received, the undersigned is directed to request that the matter may be treated as one of the greatest urgency. If the work is not completed by the time the Government assembles at Ootacamund next season, the

T/A
B/R

7/11/98

Desp. 20
10/11/98

100

the inconvenience to the
public ~~administration~~ ~~office~~
will be considerable, and
the delay is sure to be
regarded as a serious
defect in P. W. methods.

A.C.K
7-11-98

L.S.

D.E.W

The S. E. IV Circle

4/11/98

# Public Works (1898) Department.

CURRENT No. 9759

*From* The Supt. Engineer
4th Circle.

*Order*

No. 608
W.

*Dated* 23rd November 98

*Received*

*Registered* 25-11-98

*Enclosures*

*Spare copies*

SUBJECT.

Secretariat offices on
Stone House Hill at
Ootacamund.

Reports for information
that estimate will be submitted
by about the 24th Nov. 98
for improvements to

Await the
estimate.

25-11-98

W/

BACK PAPERS.

| No. | Date. |
|---|---|
| | |

FURTHER PAPERS.

| No. | Date. |
|---|---|
| | |

Letter from C. H. B. Burlton Esq
Executive Engineer Coimbatore Division
to the Supg Engineer 4th Circle No 5,095
dated 17th November 1898.

---

With reference to your No 688/C.J.
dated 17th November 1898 on Chief
Engineer's Memorandum No 4,843 C
dated 4th November 1898, I have the
honor to report that the plan and
estimate for the proposed additions
and alterations to the Secretariat
offices on Stonehouse hill at Ootacamund will be submitted for
sanction by about the 24th of this
month.

2 The Chief Engineer has lately
seen in an incomplete state, the plans
which were sent to him in response
to a telegram, and they have been
returned by him with further instructions.

---

No

No. 608/W dated 23rd November 1898

Copy submitted to the Chief Engineer P. W. D. for information with reference to his No. 4,843 C dated 4th November 1898.

Asst. Engineer

Supt. Engineer 4 Circle

10.XI.98

Urgent

# Public Works (1898) Department.

CURRENT No. 10217

*From* The Supt. Engineer 4th Circle.

*Order*

No. 634/C

*Dated* 6th December 1898.

*Received*

*Registered* 9.12.98

*Enclosures* 4. 32 (4 plans)

*Spare copies*

SUBJECT.

Government Secretariat Office buildings on Stone house Hill Estimate ammnd.

Submitting for early sanction plans & estes. amtg. to Rs. 17,700 for additions & alterations to the —— & requesting orders to commence the work in anticipation of sanction.

Early I for Examination

A.S.K. 9.12.98

D.W.

BACK PAPERS.

| No. | Date. |
|---|---|
| | |

FURTHER PAPERS.

| No. | Date. |
|---|---|
| | |

No. 634/W

Office of the Superintending Engineer,
FOURTH CIRCLE,
Coimbatore 6th December 1898.

From

A. A. Garrett Esq
Superintending Engineer,
Fourth Circle, Coimbatore.

To

The Chief Engineer
P. W. Department, Madras

Enclosures. 9
1 Tracing of plan of main building
1 — do — detached building
1 — do — record racks
2 Files of estimates
1 Report
1 Data list
1 Sheet of calculations of steel sections
1 File of instructions

Sir,

With reference to your Memorandum No 4,843 C dated 4th November 1898, I have the honor to forward for early sanction plans and estimates amounting to Rs 17,700 for the additions and alterations to the Government Secretariat offices main and detached buildings on Stone house hill at Ootacamund.

2 Orders are requested to commence the work in anticipation of sanction to the estimate so that it may be finished before the return of

Government

Government to the hills.

The file sent with the Memorandum under reference is herewith returned.

I have the honor to be
Sir
Your most obed.t servant

Executive
Supg Engineer 4 Circle

3.12.98

Report to accompany the estimate for additions and alterations to the Govt Sectt Offices, main and detached buildings on Stonehouse hill, Ootacamund.

Amount of estimate

| | |
|---|---|
| Main building | ~~13850~~ 14100 |
| Detached buildings | ~~3450~~ 3600 |
| Total Rs | ~~17300~~ 17700 |

2 The plans and estimates for additions + alterations have been prepared in accordance with the verbal instructions given by the Chief Engineer P.W.D. and the instructions conveyed in his memorandum No 1002. D. dated 29-9-98, attached in original with file.

MAIN BUILDING

3. The additions and alterations to the main building will be as noted below & according to plan and detail estimate:-

(a) Extending the telephone rooms and passage to the Council Chamber as shewn in drawing sheet No 1 giving the western of the two rooms thus enlarged to the special branch and the eastern one to the telephone clerk. The western wall of the telephone room will be dismantled & rebuilt from foundations inclusive. The upper floor will be reterraced as the present terrace is not sound & it is 1 foot below the level of the

floor of the adjoining room and passage up to which level the floor will now be raised.

(b) Building an upstairs over the telephone room & passage and extending the northern gable in a westerly direction allotting the room thus formed to the Under Secretary P.W.D.-

(c) Removing the P.W.D Under Secretary's present rooms including roof and substituting for the latter, a terrace roof which will be extended at the same level from northern to southern gables over the P.W.D. Clerks room and adjacent passage forming a hall upstair 44-0×31-6" and 12½" in height and a passage 31-6"×8' over the rooms and passage beneath which will remain unaltered. As will be seen from drawing sheet No 1 the Chief Secretary's present bath room will be absorbed in the passage to support which a girder will be inserted. The D P.W. Clerks' present room will be used as their office by the Clerks of the Local and Municipal Depts.

(d) Raising the roof of the room now in occupation of the Chief Assistt P.W.D. to the same level as that of the Joint Secy's room, Railway branch and dividing it into two rooms by means of a terrace floor with planks

The Chief Asstt. can take the room to the S. which is forming accomodation.

but necessary to remove the duration

The room thus formed in the upper floor will be allotted for the Under Secy Railway branch while that in the lower floor will be the retiring room for the secretaries This arrangement will deprive the Chief Assistant of his room, but he may perhaps be accommodated by constructing a partition in the upstair hall.

(e) The joists of the rear verandah now in the occupation of the Rev: Dept are bent & rotten & its terraced roof is 3ft. lower than the floor of the proposed adjoining rooms. It is now proposed to dismantle this terrace roof with the tiled above it & to raise the floor with new joists. Above the terrace a corrugated iron roofed verandah will be constructed for use as passage between the rooms of the Under Secy P.W.D. and Railway Branch. This work is obviously necessary, although no instructions have been given by the Chief Engineer concerning it.

DETACHED BUILDING

4 The additions & alterations to the detached building will be as noted below and according to plan and details estimate

(a) Extending the building by adding a room to the north of and of the same size as the library which will be divided by a partition wall into two rooms, one of which

will serve as a lift room for Europeans and the other as a lumber room. The extension will be converted into a library

(b) Enlarging the rooms between the passage & the present library now in the occupation of the Local and Municipal Dept:, by ~~concealing~~ curtailing the breadth of the passage & converting them into one room by piercing the wall between them with an arch. The rooms thus formed will be the office for the clerks of the Chief Engineer for Irrigation

5 Record racks have been provided in the Estimates for all rooms that are at present unfurnished with racks for clerks.

6. The ~~steel~~ steel girders provided in the estimate being urgently required, the usual form for purchasing them locally is attached for early sanction

Submitted to G with the office No

7. As directed by the Chief Engineer orders have been issued to the Sub Divisional Officers to collect materials in anticipation of sanction and permission to start the work at once is requested. As the estimate amounts to Rs 17,300 there is no time to spare if the work is to be finished before the return of the Government to the hills

8. Materials and workmanship are to be as specified in the standard specification while the work must be completed to the entire satisfaction of the Executive Engineer

C. H. P. Barlow
Executive Engineer

Coimbatore
November 26th 1898

SUP. ENGINEER'S OFFICE, P.W.D.
No. 881 C
29 NOV. 98
Encls. 7
FOURTH CIRCLE

"Encl: 7 to letter No. 634"
W

E. 120.
50,000—12-2-97.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Estimate for additions and alterations to the Secretariat Police Main building on Stone Hands Hill at Ootacamund | | | | | | |
| Dismantling the Walls | | | | | | |
| End and Rear wall of Telephone Room to top of parapet walls | 1 | 36-0 | 2-0 | 16-0 | 1152 | ✓ |
| Rear Verandah wall above Measurements to top of parapet wall | 1 | 28-0 | 1-3 | 2.6 | 88 | ✓ |
| Parapet wall above terrace front and Rear Boy | — | | | | 250 | ✓ |
| Walls of P.W.D Under Secretary Room | 1 | 16-0 | 1-3 | 9-0 | 180 | ✓ |
| ——— do bath room | 1 | 16-3 | 1-9 | 9-6 | 270 | ✓ |
| Cross wall between P.W.D. under Secretary & bath room including gable | 1 | 11-6 | 1-3 | 13-0 | 187 | ✓ |
| wall of the clerk Secretary bath room | 1 | 17-6 | 1-9 | 9-6 | 291 | ✓ |
| Cross walls for opening archways & dismantling wall above Terrace in Rev Clerks room | | | | | 198 | ✓ |
| Total cubic ft of dismantling | — | | | | 2616 | ✓ |
| Deductions | | | | | | |
| Door arch passage to Council Chamber | 1 | 4-0 | 2'0" | 7-0 | 28 | ✓ |
| Windows in Special branch | 2 | 4-0 | 2-0 | 5-0 | 40 | ✓ |
| Windows in bath rooms | 2 | 4-0 | 1'9" | 5-0 | 40 | ✓ |
| —do— under Secretary P.W.D | 1 | 4-0 | 1'3" | 5-0 | 20 | ✓ |
| —do— do in bath room | 1 | 3-0 | 1'9 | 4-0 | 12 | ✓ |
| Door between bath & Under Secretary Room | 1 | 3½ | 1'2 | 6½ | 23 | ✓ |
| Door in bath room | 1 | 4-0 | 1'9" | 7-0 | 28 | ✓ |
| Total deductions | — | | | | 191 | ✓ |
| Total dismantling less deductions cubic ft | — | | | | 2500 | 2425 |

2487

OWS. 28
10217/98

PUBLIC WORKS DEPARTMENT
No. 881 C. P.W.D.
29 NOV. 98
Encld. 7
FOURTH CIRCLE.

"Encl: No 8 to letter No 634"
W

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Dismantling a portion of entrance to Council Chambers in order to extend the telephone & clerks rooms and Special branch and connecting the dismantled portion with the extension. | | | | | | L.S. |
| Dismantling terrace and Stacking Materials | | | | | | |
| Telephone clerks Room & Special branch | 1 | 24-0 | 10-0 | - | 240 | |
| Verandah in rear | 1 | 54-6 | 7-0 | " | 382 | |
| Total Sqrft of dismantling | | | | | 622 | or Say 650 |
| Dismantling the Roof and stacking materials | | | | | | |
| Chief Assistants Room P.W.D | 1 | 14-0 | 32-0 | - | 448 | |
| Under Secretarys Room P.W.D | 1 | 20-6 | 22-0 | " | 451 | |
| Passages and Bath rooms | 2 | 21-0 | 15-6 | " | 651 | |
| Revenue Clerks Room | 1 | 28-0 | 43-0 | - | 1204 | |
| Passage | 1 | 39-6 | 12-6 | - | 494 | |
| Total Sqrft of dismantling | | | | | 3248 | or Say 3250 |
| Concrete work in Steps in Cement | | | | | | |
| Under Dwarf walls in Telephone clerks | 6 | 7-0 | 1-9 | 2-0 | 147 | |
| End and rear wall of Telephone clerks Room Special branch to connect the old wall | 1 | 43-0 | 4-6 | 4-0 | 774 | |
| Cross walls | 2 | 4-0 | 3-3 | 4-0 | 104 | |
| Total cubft Concrete | | | | | 1025 | or Say 1025 |
| Table moulded brick in Cement | | | | | | |
| Basement End and rear wall of telephone clerks Room & Special branch | 1 Say | 43-0 | 2-6 | 4-0 | 430 | |
| Cross walls | 2 | 5-0 | 1-9 | 4-0 | 70 | |
| Dwarf walls | 6 | 7-0 | 0-9 | 4-0 | 126 | |
| Carried over | | | | | 626 | |

O.W.S. 28
1021/98

E. 120.
50,000—12-2-97.

**ESTIMATE FORM.—Detail Measurements.**

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Estimate for additions and alterations to the Secretariat Office plain building on Flood Roads Hill at Colombo | | | | | | |
| Dismantling the walls | | | | | | |
| End and rear wall of Telephone room to top of parapet walls | 1 | 36-0 | 2-0 | 16-0 | 1152 | ✓ |
| Rear verandah wall above breastsummers to top of parapet wall | 1 | 28-0 | 1-3 | 2-6 | 88 | ✓ |
| Parapet wall above terrace front and rear Bay | — | | | | 250 | ✓ |
| Walls of P.W.D Under Secretary's room | 1 | 16-0 | 1-3 | 9-0 | 180 | ✓ |
| ——do—bath room | 1 | 16-3 | 1-9 | 9-6 | 270 | ✓ |
| Cross wall between P.W.D. under Secretary & bath room including gable | 1 | 11-6 | 1-3 | 13-0 | 187 | ✓ |
| Wall of the clerks Secretary bath room | 1 | 17-6 | 1-9 | 9-6 | 291 | ✓ |
| Cross walls for opening arch ways & dismantling wall above Terrace in Rev Clerks room | | | | | 198 | ✓ |
| Total cubic of dismantling | — | | | | 2616 | ✓ |
| Deductions | | | | | | |
| Door at passage to Council chamber | 1 | 4-0 | 2-0 | 7-0 | 28 | ✓ |
| Windows in special branch | 2 | 4-0 | 2-0 | 5-0 | 40 | ✓ |
| Windows in bath rooms | 2 | 4-0 | 1-9 | 5-0 | 40 | ✓ |
| —do—under Secretary P.W.D | 1 | 4-0 | 1-3 | 5-0 | 20 | ✓ |
| —do—do in bath room | 1 | 3-0 | 1-9 | 4-0 | 12 | ✓ |
| Door between bath & Under Secretary Room | 1 | 3½ | 1-2 | 6½ | 23 | ✓ |
| Door in bath room | 1 | 4-0 | 1-9 | 7-0 | 28 | ✓ |
| Total deductions | — | | | | 191 | ✓ |
| Total dismantling less deductions cubic | — | | | | 2500 | |

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Brought forward | — | | | | 626 | ✓ |
| Superstructure Upper floor End & Rear wall of telephone clerks passage Spiral branch | 1 | 46-0 | 2-0 | 14-6 | 1276 | ✓ |
| Cross walls | 2 | 5-0 | 1-3 | 14-0 | 175 | ✓ |
| Rear verandah wall from top of breastsummers to top of parapet | 1 | 55-0 | 1-3 | 6-0 | 413 | ✓ |
| Upper floor End and rear wall of proposed Under Secretary's room P.W.D | 1 | 46-0 | 1-9 | 8-0 | 646 | ✓ |
| Gable wall | 1 | 18-6 | 1-9 | 4-6 | 146 | ✓ |
| Portion below gable above window | 2 | 6-0 | 1-9 | 3-6 | 74 | ✓ |
| Gable do do | 2 | 6-0 | 1-9 | 1-6 | 32 | ✓ |
| Wall of Under Secretary's room by the side of proposed passage | 1 | 24-6 | 1-3 | 10-0 | 306 | ✓ |
| Wall between P.W.D clerks office and passage | 1 | 31-6 | 1-9 | 12-0 | 662 | ✓ |
| Rear wall of P.W.D clerks office | 1 | 40-6 | 1-9 | 12-6 | 886 | ✓ |
| Parapet wall round the terrace except rear side | 1 | 43-0 | 1-3 | 3-0 | 536 | ✓ |
| Parapet wall in rear side | 1 | 43-6 | 1-3 | 3-0 | 163 | ✓ |
| Wall to be raised round the roof to lay out terrace | 1 | 143-3 | 1-9 | 2-6 | 626 | ✓ |
| Raising the walls of the room in L floor of K Yen Bay | — | | | | 60 | |
| Raising the wall between passage and P.W.D Clerks room | 1 | 54-6 | 1-9 | 3-0 | 286 | ✓ |
| Proposed Under Secretary's room Railway branch | 1 | 31-3 | 1-9 | 8-0 | 438 | ✓ |
| —— do —— do | 1 | 8-3 | 1-3 | 10-0 | 103 | ✓ |
| Gable do | 1 | 17-6 | 1-9 | 5-0 | 153 | ✓ |
| Carried over | | | | | 7602 | |

E. 120.
50,000—12-2-97.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Brought forward | | | | | 7595 7602 | |
| Portion below gable over window | 1 | 16-0 | 1-9 | 3-6 | 37 | ✓ |
| Gable—do—do | 1 | 16-0 | 1-9 | 1-6 | 16 | ✓ |
| Cwarf walls above terrace in upper | 1 | 53-6 | 0-9 | 6-0 | 241 | ✓ Deduct the whole 5 walls |
| Total Cubic of Brick in storey Chunam | | | | | 7976 7889 | |
| Deductions | | | | | | |
| Windows in telephone room | 2 | 4-0 | 2-0 | 5-0 | 80 | ✓ |
| door—do | 1 | 4-0 | 2-0 | 7-0 | 56 | ✓ |
| Windows in proposed Under Secrys room | 3 | 4-0 | 1-9 | 5-0 | 105 | ✓ |
| Door way—do—do Pair of doors | 1 | 4-6 | 1-3 | 7-0 | 39 | ✓ |
| Doorway in rear wall of P.W.D clerks Room & passage | 2 | 4-6 | 1-9 | 7-0 | 110 | ✓ |
| Windows in do and passage | 4 | 4-0 | 1-9 | 5-0 | 140 | ✓ |
| Windows in proposed Under Secrys room Railway branch | 2 | 4-0 | 1-9 | 5-0 | 70 | ✓ |
| Doorway—do—do | 1 | 4-6 | 1-3 | 7-0 | 39 | ✓ |
| Segmental arch work over windows | 18 | 5-0 | 2-0 | 1-6 | 131 135 | ✓ |
| —do—over door in Under Secrys room P.W.D + R. Branch | 2 | 5-6 | 1-3 | 1-6 | 24 | ✓ |
| —do—over door in passage and P.W.D clerks room | 2 | 5-6 | 1-9 | 1-6 | 29 | ✓ |
| Segmental arch work over doors in telephone room | 1 | 5-0 | 2-0 | 1-6 | 15 | ✓ |
| —do—do—over windows | 2 | 5-0 | 2-0 | 1-6 | 30 | ✓ |
| Total deductions | | | | | 900 858 | |
| Total cubic table moulded brick in chunam less deductions | | | | | 7050 | or Say 7050 |
| Segmental Arch work | | | | | 218 220 | |
| Total quantity as per above deductions | | | | | | 220 |
| Total cubic of arch work | | | | | Say | 230 |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Cornice work Similar to the existing | | | | | | |
| Gables of Under Secrys room P.W.D | 1 | 32 | | | 32 | ✓ |
| End wall—do | 1 | 15 | | | 15 | ✓ |
| Gable of Under Secrys room R. B | 1 | 33 | | | 33 | ✓ |
| End wall—do | 1 | 10 | | | 10 | ✓ |
| Over walls above R Verandah in the Under Secrys room P. W. D Railway Branch Say | | | | | 10 | ✓ |
| Total Rft of Cornice work | | | | | | 100 |
| Cornice to Gallery round the top of Terrace | | | | | | |
| Terrace all round | 1 | 210 | | | 210 | ✓ |
| Total Rft | | | | | | 210 |
| Masterwork to Entrance | | | | | | |
| Telephone room Special branch | 1 | 35-0 | " | 14-0 | 490 | ✓ |
| Telephone clerks room | 1 | 13-0 | " | 14-0 | 182 | ✓ |
| Passage to Council chamber | 1 | 22-0 | " | 14-0 | 308 | ✓ |
| Wall above breezesummer in Rear | 1 | 56-0 | " | 3-6 | 196 | ✓ |
| Proposed Under Secry's Room P.W.D Verandah | 1 | 84-0 | " | 7-6 | 630 | ✓ |
| —do—gables | 2 | 18-6 | " | 4-6 | 167 | ✓ |
| Passage in Side | 1 | 39-6 | " | 12-0 | 486 474 | ✓ |
| Portion of Under Secry's Room | 1 | 15-0 | " | 12-0 | 180 | ✓ |
| P.W.D Clerks round | 1 | 62-3 | " | 12-0 | 747 | ✓ |
| do portion of wall raised | 1 | 75-0 | " | 2-6 | 188 | ✓ |
| Under Secry's Room Railway Branch Terrace | 1 | 57 | " | 7-6 | 428 | ✓ |
| Gables—do—do | 2 | 17-6 | " | 4-6 | 158 | ✓ |
| Rear wall of passage P.W.D Clerks | 1 | 70-0 | " | 8-0 | 560 | ✓ |
| Parapet wall of upper terrace all round including top + sides | 1 | 194 | " | 4-6 | 873 | ✓ |
| Parapet wall of Rear Verandah | 1 | 64 | " | 4-0 | 216 | ✓ |
| Carried over | | | | | 5820 5809 | |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Brought forward | | | | | 5809 ~~5820~~ | |
| Roof Ventilators | 3 | 5–0 | x | 2–0 | 30 | |
| do gables | 3 | 5–0 | x | 1–3 | 19 | |
| Side of arch ways & repairing here & there | | | | | 227 | |
| Total Sqrefts | | | | | ~~6096~~ 6085 | |
| Deductions | | | | | | |
| Roof Ventilator | 3 | 5–0 | x | 6–0 | 90 | |
| Windows as the placenumbers 2 placeing is allowed for north sides 3 | 4 | 4–0 | x | 5–0 | 80 | |
| Doors | 4 | 4–6 | x | 7–0 | 126 | |
| Total deductions | | | | | 296 | |
| Total Sqrefts of Plastering less | | | | | ~~5789~~ | |
| deductions & Say | | | | | | 5800 |
| Painting Exterior | | | | | | |
| Telephone room & Under Secys room | 1 | 46–3 | x | 21–0 | 966 | |
| do do gable | 1 | 21–7 | | 5–6 | 118 | |
| Roof Ventilators | 2 | 6–0 | | 3–6 | 42 | |
| do gables | 2 | 6–0 | | 1–6 | 18 | |
| do ends Say | | | | | 25 | |
| Walls above breastsummer in R.V. to eaves & end | 1 | 58–0 | | 6–0 | 348 | |
| Portions of walls above R.V. in Under Secys rooms of P.W.D and R. Branch Say | | | | | 35 | |
| Rear walls of P.W.D clerks room above R.V. including parapets | 1 | 54–0 | | 7–0 | 378 | |
| Rear wall of Under Secys Railway Branch including gables | 1 | 20–6 | | 12–0 | 246 | |
| Roof Ventilators | 1 | 6–0 | x | 3–6 | 21 | |
| do Gable | 1 | 6–0 | x | 1–6 | 9 | |
| do ends | | | | | 13 | |
| Carried over | | | | | 2210 | |

E. 120.
50,000—12-2-97.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Brought forward | | | | | 2219 | |
| Parapet wall all round | 1 | 147 | average | 4–6 | 662 | |
| Repairing old walls here and there | | | | | 241 | |
| Total Sqrefts | | | | | 3122 | |
| Deductions | | | | | | |
| Roof Ventilator | 3 | 6–0 | x | 8–0 | 144 | |
| Windows | 7 | 4–0 | – | 5–0 | ~~140~~ 140 | |
| Doors | 1 | 4–0 | x | 7–0 | 28 | |
| Total deductions | | | | | ~~302~~ 312 | |
| Total Sqrefts of Painting exterior | | | | | ~~2820~~ 2810 | 2800 |
| Flooring with 1½" Teak | | | | | | |
| Lower floor: Special branch | 1 | 17–0 | | 10–0 | 70 | |
| Lower floor: Passage to Council Chamber | 1 | 7–0 | | 6–0 | ~~60~~ 42 | |
| Lower floor: Telephone clerk room | 1 | 7–0 | | 5–0 | 35 | 147 |
| Total Sqrefts | | | | | | ~~165~~ |
| Upper floor: Terrace flooring with 1½" Teak finish the lower part brick on edge and 8" Concrete well rammed pubbled and smoothed | | | | | | |
| Telephone clerks room & Special branch | 1 | 18–6 | | 26–0 | ~~481~~ 481 | |
| P.W.D clerks room | 1 | 34–0 | | 32–0 | 1088 | |
| Railway Branch Under Secys room | 1 | 19–6 | | 14–0 | 273 | |
| Total Sqrefts | | | | | ~~1862~~ 1842 | or Say ~~1860~~ 1850 |
| Terracing with brick on edge and 8" Concrete well rammed and pubbled | | | | | | |
| Ground floor: Rear Verandah | 1 | 55–0 | | 9–0 | 495 | |
| Total Sqrefts Say | | | | | | 500 |
| Terracing with brick on edge 8" Concrete well rammed, pubbled & smoothed | | | | | | |
| Over passages & P.W.D clerks room | 1 | 52–0 | x | 45–0 | 2475 | |
| Total Sqrefts | | | | | Say | 2480 |

E. 120.
50,000—12-2-97.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| *Roofing with Corrugated iron and Ridge tiles including windlates &c Complete* | | | | | | |
| Under Secrys room P.W.D and Rear side | 1 | 26-0 | 31-0 | | 806 | ✓ |
| Roof Ventilators | 4 | 8-0 | 2-6 | | 80 | ✓ |
| Under Secrys room Railway branch | 1 | 15-0 | 30-0 | | 450 | ✓ |
| Roof Ventilators | 2 | 8-0 | 2-6 | | 40 | ✓ |
| Rear Verandah | 1 | 54-0 | 10-0 | | 540 | ✓ |
| Repairing here and there say | | | | | 74 | ✓ |
| Total Sqrefs | | | | | 1990 | ✓ |
| *Deductions* | | | | | | |
| For Roof Ventilators in Under Secrys room P.W.D Railway branch | 3 | 6-0 | 5-0 | | 90 | ✓ |
| Total Sqrefs deductions | | | | | 90 | ✓ |
| Total Sqrefs less deductions | | | | | | 1900 |
| *Roofing with Corrugated iron &c Complete* | | | | | | |
| Over the terrace of P.W.D clerks room and passage | 2 | 54-0 | 23-0 | | 2484 | ✓ |
| Total Sqrefs Say | | | | | | 2500 |
| *Plank ceiling the Under Secrys Room P.W.D & Railway branch including keepers nails &c* | | | | | | |
| Plank ceiling P.W.D under Railway | 1 | 24-0 | 22-0 | | 528 | ✓ |
| Roof Ventilator | 1 | 11-6 | 21-0 | | 241 | |
| | 4 | 6-0 | 3-0 | | 72 | |
| Total Plank Ceiling | | | | | 841 | |
| *Deductions* | | | | | | |
| Portion of Roof Ventilators | 2 | 6- | 6- | | 72 | |
| Total Sqrefs of plank ceiling less deductions | | | | | 769 | Say 770 |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| *Teak wood wrought and put up* | | | | | | |
| Joists for flooring Special Verandah | 5 | 10-0 | 3" | 6½" | 6·77 | ✓ |
| Passage | 5 | 6-0 | 3" | 4" | 2·50 | ✓ |
| Clerks room | 5 | 5-0 | 3" | 4" | 2·08 | ✓ |
| Wall plates | 6 | 7-0 | 3" | 2" | 1·75 | ✓ |
| Joists to Cover floor of Special Verandah | 5 | 11-4½ | 3" | 6½" | 8·32 | ✓ |
| Passage and Clerks room | 5 | 14-0 | 3" | 4" | 5·83 | ✓ |
| Wall plates | 2 | 7-0 | 4" | 3" | 3·50 ~~2·25~~ | ✓ |
| Breesummer to Rear Verandah in place of old one | 1 | 56-0 | 5½" | 8" | 17·11 | ✓ 10×6 |
| Joist to Rear Verandah in place of old ones | 38 | 8-9 | 3" | 5" | 34·63 | ✓ |
| Wall plates to do | 2 | 5-0 | 3" | 2" | 2·37 | ✓ |
| Joists to Rev: clerks room in one length | 10 | 31-0 | 3" | 6½" | 42·00 | ✓ |
| do in one length | 11 | 29-0 | 3" | 6½" | 43·20 | ✓ |
| Wall plates to do | 2 | 32-0 | 4" | 3" | 5·33 | ✓ |
| Joists to Under Secrys room R.B | 12 | 12-6 | 3" | 6½" | 20·31 | ✓ |
| Joists 2' apart for terrace floor 2" apart under plank'ing and over terrace to Under Secrys room P.W.D | 10 | 25-0 | 3" | 2" | 10·42 | ✓ |
| do do to P.W.D clerks in one length | 22 | 32-0 | 3" | 2" | 29·33 | ✓ |
| do do to Under Secry R.B | 9 | 12-0 | 3" | 2" | 12 ~~6·75~~ 5·50 | ✓ |
| Joists for passage for Upper Storey | 38 | 10-6 | 3" | 5" | 41·67 | ✓ |
| Joists for passage between Under Secrys office and Rev: clerk | 22 | 9-6 | 3" | 5" | 21·77 | ✓ |
| Joists over P.W.D clerks in one length | 22 | 48-6 | 3" | 7" | 115·77 | ✓ |
| Wall Plates over upper floor terrace | 1 | 205 | 4" | 3" | 17·08 | ✓ |
| Posts to Rear Verandah in Upper Storey | 8 | 6.0 | 6" | 6" | 12·00 | ✓ |
| Breesummers | 1 | 56-0 | 4" | 4" | 6·33 | ✓ |
| Carried over | | | | | ~~484·49~~ 484·70 | |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Brought forward | | | | | 484-44 | 79 |
| Principal rafters | 8 | 10-6 | 3" | 6" | 10-50 | ✓ |
| Purlins | 2 | 56-0 | 3" | 4" | 9-33 | ✓ |
| Wallplates over dwarf wall in upper Roof | 5 | 54-6 | 3" | 2" | 11-36 | ✓ |
| Purlin to under Secrys room Railway Branch | 2 | 14-0 | 3" | 6" | 3-50 | ✓ |
| Ridge to do | 1 | 14-0 | 3" | 6" | 1-75 | ✓ |
| Purlin to do in end | 1 | 14-0 | 3" | 6" | 1-75 | ✓ |
| do do do | 1 | 9-0 | 3" | 6" | 1-12 | ✓ |
| Ridge to roof Ventilator | 1 | 7-0 | 2½" | 3½" | 0-62 | ✓ |
| Purlins to do | 2 | 5-6 | 2½" | 3½" | 0-67 | |
| do do do | 2 | 4-0 | 2½" | 3½" | 0-49 | ✓ |
| Valley rafters | 2 | 9-0 | 3" | 4" | 1-50 | ✓ |
| Ridge for Under Secrys room P.W.D | 1 | 25-9 | 2" | 9" | 3-22 | ✓ |
| Rafters by the Side of passage | 8 | 13-6 | 3" | 4" | 20-25 12-08 | ✓ |
| ab ends do | 8 | 15-0 | 3" | 4" | 10-00 | ✓ |
| do | 4 | 12-0 | 3" | 4" | 4-00 | ✓ |
| do | 4 | 9-0 | 3" | 4" | 3-00 | ✓ |
| do | 2 | 6-0 | 3" | 4" | 1-00 | ✓ |
| Collar pieces | 18 | 11-0 | 2" | 5" | 13-75 | ✓ |
| Ridge to Roof Ventilator | 2 | 7-0 | 2½" | 3½" | -85 | ✓ |
| Rafters | 2 | 5-0 | 2" | 3" | 1-66 | ✓ |
| Jack Rafters | 3 | 2-6 | 2" | 3" | 1-25 | ✓ |
| Valley rafters | 2 | 9-0 | 3" | 4" | 1-50 | ✓ |
| Weather or Bargeboard throughout | 1 | Say 126 | 1" | 6" | 5-25 | ✓ |
| Total Cubic feet wood work Brought & put up | | | | | 592-80 | 593 565-62 |

E. 120.
50,000—12-2-97.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Steel Girders | | | | | | |
| For Revenue & Clerks Room | 2 | 34' × 20" × 7½" at 89 lbs per foot | | | 6052 | ✓ |
| For passage | 1 | 34' × 2¼" × 12" at 144 lbs per foot | | | 4896 | ✓ |
| For P.W.D Clerks Room | 3 | 34' × 20" × 7½" at 89 lbs per foot | | | 9078 | ✓ |
| For wall between passage & garage | 1 | 13' × 6" × 4½" at 20 lbs per foot | | | 260 | ✓ |
| Total lbs of Steel Girders | | | | | 20286 | or 181 9/18 cwts |
| Teak framed hopper lights to Transom Western side | | | | | | |
| P.W.D Clerks Room | 1 | 4-6 | = | 7-0 | 32 | ✓ |
| Total Superficial | | | | | | 32 |
| Teak framed louvre lights to transoms | | | | | | |
| Windows to under Secretary's room P.W.D & Railway branch and from Clerks P.W.D | 7 | 4-0 | = | 5-0 | 160 | ✓ |
| Total Superficial of windows | | | | | | 160 |
| Painting with 2 Coats | | | | | | |
| Doors, windows, weather boards & Posts to Verandahs | | | | | | 1300 |
| Waxpiling two Coats | | | | | | |
| Roof timbers &c | | | | | | 6600 |
| Removing Window at N & replacing Transom | | | | | | |
| at A' A' | | | | | | No 2 |
| Removing the Window & replacing it | | | | | | |
| at the Door E. and vice versa | | | | | | No 2 |
| Removing the door at E & replacing it | | | | | | |
| at E' | | | | | | No 1 |
| Removing the door at E & placing it at E' | | | | | | No 1 |
| Removing the window at E & E & replacing | | | | | | |
| them at E' E' | | | | | | No 2 |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Removing the Windows at Gd. Grand Septaining them at Gd. G.S. | | | | | | ✓ |
| Removing the Window at Head Office | | | | | | ✓ |
| Gutters | | | | | | |
| Rear Verandah | 1 | 54 | | | | |
| All round the roof 3 Sides Sag | 1 | 150 | | | | |
| Total Rgth of Ogee Gutter | | | | | | 204 ✓ |
| Down take pipe | | | | | | |
| End of Rear Verandah | 2 | 23 | | | | |
| End of Under Secretarys Room | 1 | 22 | | | | |
| Total Rgth | | | | | | 45 ✓ |
| Fire places and chimneys | | | | | | |
| Under Secretary Room P.W.D. ✓ | | | | 1 | | |
| do Railway branch ✓ | | | | 1 | | ✓ |
| Total No of fireplaces | | | | | | 2 |
| Raising the Chimney in P.W.D. clerks room | | | | | | L.S. |
| Earth work for making foundation | | | | | | ✓ |
| Clearing ground | | | | | | 1 |
| Record Racks. | | | | | | L.S. |
| For P.W.D. clerks rooms as per Separate Estimate | | | | | | |
| For portion of the proposed office for clerks of L. & M. dept as per Separate Estimate | | | | | | |
| Teak wood Cornice for above Racks | | | | | | |
| For P.W.D. Clerk rooms as per Separate Estimate | | | | | | |
| For portion of the proposed office for clerks of L. & M. dept as per Separate Est. | | | | | | |
| Total Rg feet | | | | | | |

E. 120.
50,000—12-2-97.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Polishing the Record Racks | | | | | | ✓ L.S. |
| Removing the Record Racks in Rev: clerks room furniture in other Rooms where Alterations to be made pending the new P.W. Rooms | | | | | | 1 L.S. |
| Scaffoldings &c | | | | | | L.S. |
| Empty Store &c &c | | | | | | L.S. |
| Deductions for Materials available in the building | | | | | | |
| Teak wood work throughout unless otherwise stated | | | | | | |
| Rev: clerks room Principal Rafters | 4 | 17-0 | 5" | 9" | 21.25 | ✓ |
| do | 4 | 16-0 | 3" | 8" | 10.66 | ✓ |
| Purlins | 4 | 30-0 | 3" | 5" | 12.50 | ✓ |
| do | 4 | 31-0 | 4" | 4" | 13.78 | ✓ |
| Principal Rafters for V | 4 | 8:0 | 3" | 6" | 4.00 | ✓ |
| Purlins | 2 | 30 | 3" | 4" | 5.00 | ✓ |
| Chief Asstt Room Ridge & Purlins | 5 | 12-6 | 3" | 6" | 7.81 | ✓ |
| Present Under Secrys room P.W.D. | 5 | 20.0 | 3" | 8" | 16.66 | ✓ |
| Rafters in the passages & Valley Rafters | Say | | | | 23.00 | ✓ |
| Total Cubic ft of wood work | | | | | 114.66 | ✓ or 115 Cft |
| Roofing with Corrugated iron & Mangalore Tiles | | | | | | |
| Revenue Clerks room | 1 | 42 | 30 | | 1260 | ✓ |
| Present Under Secrys room P.W.D. | 2 | 20 | 10 | | 400 | ✓ |
| Chief Assistant Room | 2 | 1450 | 31 | | 868 | ✓ |
| Total Sq ft | | | | | 2528 | ✓ or 2500 |
| Materials available from the Pull down of houses | | | | | | |
| Such as Fire Place, Mangalore Tiles, gutters &c | | | | | | L.S. |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |



ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Providing Record Racks to the Secretary's Office on Stone Mansion Hill as Recommended by Grain Building | | | | | | |
| For the portion of the proposed Office of Secretary Municipal Clerks | | | | | | |
| Rack for 8 Books in height. | | | | | | |
| Teak Wood Framework as under | | | | | | |
| Corner uprights | 2×2 | 11-9 | 0-3 | 0-3 | 2·93 | ✓ |
| Centre do | 2×3 | 11-9 | 0-3 | 0-2 | ~~3·92~~ 2·93 | ✓ |
| Rails Horizontal pieces | 2×8 | 8-0 | 0-2 | 0-1½ | 2·67 | ✓ |
| do Cross | 5×8 | 1-6 | 0-2 | 0-1½ | 1·25 | ✓ |
| Shelves | 1×8 | 8-0 | 1-6 | 0-1 | 8·00 | ✓ |
| Closing end | 2×1 | 11-9 | 1-0 | 0-3/4 | 1·46 | ✓ ✓ |
| Total Cubic ft | | | | | ~~20·23~~ 19·24 | or 20 |
| Teak Wood Cornice | | | | | | |
| do | 1 | 8 | | | | 8 Rft |
| For the proposed Office of the Police Clerks | | | | | | |
| Rack for 30 Books in height | | | | | | |
| Teak Wood framework as under | | | | | | |
| Corner uprights | 2×2 | 11-9 | 0-3 | 0-3 | 2·93 | ✓ |
| Centre do | 2×4 | 11-9 | 0-3 | 0-2 | 13·71 | ✓ |
| Rails Horizontal pieces | 2×8 | 30-0 | 0-2 | 0-1½ | 10·00 | ✓ |
| do Cross | 6×8 | 1-6 | 0-2 | 0-1½ | 4·00 | ✓ ✓ |
| Carried over | | | | | 30-64 | ✓ |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Brought forward | | | | | 30.66 | ✓ |
| Shelves | ✓ 1×8 | 30.0 | 1-6 | 0-1 | 30.00 | ✓ |
| Closing end | ✓ 2×1 | 11-9 | 1-0 | 0-3/4 | 1.46 | ✓ |
| | | | | | 62.10 | ✓ |
| Deductions | | | | | | |
| Window opening | | | | | | |
| Uprights | 2×2 | 6-0 | 0-3 | 0-2 | .50 | ✓ |
| Rail Horizontal piece | 2×3 | 4-0 | 0-2 | 0-1½ | .50 | ✓ |
| do Cross | ✓ 1×3 | 1-6 | 0-2 | 0-1½ | .09 | ✓ |
| Shelves | ✓ 1×3 | 3-9 | 1-6 | 0-1 | 1.41 | ✓ |
| Total deductions for one window | | | | | 2.50 | |
| For two windows | | | | | 5.00 | ✓ ✓ |
| Total Cu Ft of Teak wood less deductions | | | | | 57.10 or Say | 57 |
| Teak wood Cornice | | | | | | |
| do | 1 | | | | 30 | ✓ |
| Total Rft | | | | | | 30 |
| Polishing on to the above Teak | | | | | | |

Ack. 23
10247/58

E. 120.
50,000—12-2-97.

## ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Providing Record Racks to the Secretariat Office on Stone House Hill at Ootacamund Main Building | | | | | | |
| For the portion of the proposed office of Local and Municipal Clerks | | | | | | |
| Rack for Stock in trade | | | | | | |
| Features may be duly entered | | | | | | |
| Corner uprights ——— | ✓2×2 | 11-9 | 0-3 | 0-3 | 2·93 | ✓ |
| Centre do ——— | ✓2×3 | 11-9 | 0-3 | 0-2 | 3-93 / 3-92 | ✓ |
| ~~Rails~~ Horizontal pieces | ✓2×8 | 8-0 | 0-2 | 0-1½ | 2·67 | ✓ |
| do Cross ——— | ✓5×8 | 1-6 | 0-2 | 0-1½ | 1·25 | ✓ |
| Shelves ——— | ✓4×8 | 8-0 | 1-6 | 0-1 | 8·00 | ✓ |
| Closing End ——— | ✓2×1 | 11-9 | 1-0 | 0-¾ | 1·46 | ✓ ✓ |
| Total Cubic ft | | | | | 20·23 / 19·24 | or 20 |
| Teak wood Cornice | | | | | | |
| do ——— | ✓1 | 8 | | | | 8 Rft |
| For the proposed office of Post & Tele Rs | | | | | | |
| Rack for Stock in trade | | | | | | |
| Features may be duly entered | | | | | | |
| Corner uprights ——— | ✓2×2 | 11-9 | 0-3 | 0-3 | 2·93 | ✓ |
| Centre do ——— | ✓2×4 | 11-9 | 0-3 | 0-2 | 13·71 | ✓ |
| ~~Rails~~ Horizontal pieces | ✓2×8 | 30-0 | 0-2 | 0-1½ | 10·00 | ✓ |
| do Cross ——— | ✓16×8 | 1-6 | 0-2 | 0-1½ | 4·00 | ✓ ✓ |
| Carried over ——— | | | | | 30-64 | ✓ |

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. | | Rs. | Rs. |
| | Estimate for additions and alterations to the Secretariat Office Main building on Stone House Hill at Ootacamund | | | | |
| 2425 / ~~2500~~ | Cft of Dismantling the walls | 12 | 100 Cft | 49 / ~~52~~ | ✓ |
| ✓28 | Dismantling a portion of entrance to Council chambers in order to extend the telephone clerks room & special branch and Connecting the dismantled portion with the Extension | | | 25 15 | ✓ |
| ✓1650 Sft | Dismantling terrace & Slacking | 1-8 | 100 Sft | 10 | ✓ |
| ✓3250 — | Dismantling the roof Materials | 1-8 | do | 19 | ✓ |
| ✓1025 Cft | Concrete broken Stone in chunam | 28 | 100 Cft | 287 | ✓ |
| ✓7050 / ~~7000~~ — | Table moulded brick in chunam | 45 | do | 3168 / 32·68 | ✓ |
| ✓220 / ~~230~~ — | Segmental Arch work | 50 | do | 110 / ~~115~~ | ✓ |
| ✓100 Rft | Cornice work Similar to the existing & | Rft | do | 50 | ✓ |
| ✓210 do | Cornice ordinary round the top of terrace | 5 | do | 66 | ✓ |
| ✓5300 Sft | Plastering with 2 Coats of chunam done for the | 1-8 | 100 Sft | 261 | ✓ |
| ✓2800 — | Pointing Exterior as existing | 8 | do | 224 | ✓ |
| ✓147 / ~~165~~ — | Flooring with 1" teak plank beginning | 45 | do | 66 / ~~74~~ | ✓ |
| ✓1850 / ~~1760~~ — | Terrace flooring with 3/4" teak plank including brick edges and 3" Concrete well rammed and Smoothed | 58 | do | 1073 / ~~1079~~ | ✓ |
| ✓500 — | Reterracing with brick on edge | | | | |
| | 3" Concrete well rammed & plastered | 25 | do | 125 | ✓ |
| ✓2480 — | Terracing with brick on edge & 3" Concrete well rammed pubbed & Smoothed | 23 | do | 570 | ✓ |
| | Carried over | | | ~~6160~~ 6163 | |
| | Grand Total of Estimate .. | | | | |

STATION ———

Date ——— 189 .

Executive Engineer.

(E. No. 132.)

50,000—12-2-09.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

## ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | TOTAL. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | RS. | | RS. | RS. |
| | Brought forward | | | ~~6460~~ 6163 | |
| √1900 | Sft Roofing with Corrugated iron & Mangalore tiles including windties & Complete | | √45 " " 100 Sft | 833 √ | |
| √2500 | " Roofing with Corrugated iron including windties &c Complete | | √25 " " do | 625 √ | |
| √~~770~~ 193 | " Teak Plank Ceiling 1/2" thick under Secry's room P.W.D including prepers, hair &c | | √25 " " do | ~~193~~ √ | |
| √~~566~~ 593 | Sft Teak wood wrought and perfected | | √5 " " Sft | ~~2830~~ 2965 √ | |
| √18 1/8 | cwts of Steel girders including transit | | √150 " " cwt | 2717 √ | |
| √32 | Sqrft Teak wood panel door with frame, fastenings &c | | √1-4 " " Sft | 40 √ | |
| √~~100~~ 100 | " Teak wood panel window with frame, fastenings &c similar to the existing windows | | √1-4 " " do | ~~200~~ 125 √ | alk |
| √1300 | " Painting with two Coats | | √3-8 " " 100 Sft | ~~46~~ 39 √ | |
| √6600 | " wood oiling two Coats | | √2 " " do | 132 √ | |
| √No 2 | Removing the door at ~~A~~ A. and replacing them at A' A'. | | √5 " " Each | 10 √ | |
| √No 2 | Removing the door at B and replacing them at the window C this verandah | | √ " " do | 8 √ | |
| √No 1 | Removing the door at D & replacing it at D' | | √5 " " do | 5 √ | |
| √No 1 | Removing the door at E & replacing it at E' | | √5 " " do | 5 √ | |
| √No 2 | do window at E. E. and replacing them at E' E' | | √ " " do | 8 √ | |
| | Carried over | | | ~~13792~~ 13897 | |
| | Grand Total of Estimate .. | | | | |

STATION _____

Date _____ 189 .

Executive Engineer.

(E. No. 132.)

50,000—12-2-09.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

## ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

SUPTG. ENGINEER'S OFFICE P.W.D.
No .....
29 NOV. 98
ENCIO
FORT

(E. No. 132.)

50,000—12-2-09.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

(E. No. 132.)

50,000 0—12-2-0[illegible]

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

## ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. | | Rs. | Rs. |
| | Brought forward | | | ~~13692~~ 13897 | |
| No 3 | Removing the windows at S.S.G. | | | | |
| No 1 | and replacing them at G' G' G' — C/f — Each | | | 12 | |
| 206 | Rft do H' do H — 4-00 — do | | | 4 | |
| | Rft E G gutters — 1-00 — Rft | | | 206 | |
| 45 | Rft Down take pipe — 1-9 — do | | | 25 | |
| 2 | Fire place and chimney — 20 — Each | | | 40 | |
| 28 | Raising the chimneys at W.S Clerk's room — Rs | | | 10 | |
| do | Earth work Excavating foundation | | | | |
| | Clearing &c — do | | | 15 | |
| 77 | Cubft Record racks — 5-00 — cft | | | 385 | |
| 38 | Rft Teak wood Cornice for above work — 0-8 — Rft | | | 19 | |
| 28 | Polishing the above racks — Rs | | | 15 | |
| do | Removing the Record Racks in Rev. Clerk's room furniture in other rooms where alterations are to be made when the work in progress — do | | | 50 | |
| do | Unforeseen work &c — do | | | 200 | |
| do | Scaffolding — do | | | 200 | |
| | Total Rs | | | ~~14577~~ 15079 | |
| | Deduct for materials available | | | | |
| 115 | Cft Teak wood wrought and put up — 4-8 — cft | | | 518 | |
| 2500 | Sft of roofing with Corrugated iron sheets and — 0-40 — 1000 Sft | | | 1000 | |
| 28 | materials available from the roof of Passage Verandah Cutcherry Record Room & Clerk's room — Rs | | | 482 | |
| | Total Rs Ceiling planks &c | | | 2000 | |
| | Net total | | | ~~12577~~ 13076 | |
| | Contingencies at 5 p.c | | | 650 | 655 |
| | Petty Supervision ~~at 2½ p.c~~ | | | 329 | 369 |
| | Estimated | | | | |
| | Grand Total of Estimate | | | Rs | 14100 ~~13850~~ |

Superintending Engineer
4th circle

STATION Coimbatore
Date November 26th 1898.

C.H.B. Burton
Executive Engineer
Coimbatore Divn

SUPTG. ENGINEER'S OFFICE
No. 881 C.D.
29 NOV. 98
Encls 5

"Enclo: No 4 to letter No 634"
W

(E. No. 132.)

50,000—12-2-97.

Circle— Fourth

Division— Coimbatore

District— Nilgiris

Taluk (or Estate in case of Estate Works)
Ootacamund.

## ESTIMATE FORM.—Abstract.

Financial Head— Provincial

Budget Head— Civil Buildings

Departmental Head— Original Work

Main Head— Administration

Sub-Head— Rc. for Local Govt & Secretariat offices

Project of which the work forms part—

Section—

Name of Work— Additions and alterations to Govt: Secretariat Offices main building on Stonehouse hill at Ootacamund.

Amount of Estimate, Rs.— 13850.
14100

To be carried out by— The Executive Engineer Coimbatore Division.

REFERENCES.

PWS. 22
1321/98

E. 120.
50,000—12-2-97.

## ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Estimate for additions and alterations to Government Secretariat Offices detached buildings on Stone House hill at Ootacamund | | | | | | |
| Ground floor | | | | | | |
| For opening an archway in the room proposed for Clerks of Chief Engineer for Irrigation | 1 | 8-0 | 2-0 | 5-0 | 80 | |
| For openings and arch work | 1 | Say | 3 | 2-0 | 78 | |
| For fixing door in the proposed Lumber room | 1 | 4-6 | 1-6 | 9-0 | 61 | |
| Total Cubic ft of dressing | | | | | 219 | or Say 220 |
| Concrete in Chunam | | | | | | |
| Under Cross walls | 1 | Say | 14-0 | 3-6 | 3-0 | 147 |
| Under main wall | 1 | | 67-6 | 3-6 | 3-0 | 709 |
| Under retaining wall | 1 | | 24-0 | 2-6 | 3-0 | 180 |
| Under Dwarf walls | 3 | | 14-6 | 1-6 | 0-6 | 33 |
| Total Cubic Concrete in Chunam | | | | | | 1069 or Say 1070 |
| Rubble masonry in brick in Chunam | | | | | | |
| Basement — Main buildings | 1 | | 69-0 | 2-0 | 1-9 | 262 |
| Retaining walls | 1 | | 25-0 | 1-12 | 1-9 | 49 |
| Dwarf walls | 3 | | 15-6 | 0-9 | 1-9 | 61 |
| Cross wall | 1 | | 15-6 | 2-0 | 1-9 | 54 |
| Superstructure Main wall all round | 1 | | 69-6 | 1-6 | 13-6 | ~~1403~~ |
| — do — gable | 1 | | 16-0 | 1-6 | 2-6 | 60 |
| Cross wall | 1 | | 16-0 | 1-6 | 8-0 | 192 |
| Closing windows in the present Library | 4 | | 4-9 | 1-6 | 5-0 | 143 |
| — do — do | 1 | | 4-9 | 2-0 | 5-0 | 48 |
| Closing the doorway to Library | 1 | | 4-6 | 1-6 | 8-0 | 54 |
| Total Cubic ft of brick in Chunam | | | | | | ~~2078~~ 2310 |

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Deductions | | | | | | |
| Windows | 5 | 4-3 | 1-6 | 4-6 | 143 | |
| Doorway | 1 | 4-6 | 1-6 | 7-0 | 47 | |
| Segmental arch work over windows | 5 | 5-0 | 1-6 | 1-6 | 56 | |
| do do door | 1 | 5-3 | 1-6 | 1-6 | 12 | |
| Total deductions | | | | | 258 | |
| Total brick in chimneys less deductions | | | | | 2120 | 2050 2120 |
| Segmental Arches over | | | | | | |
| Total quantity as per above deductions | | | | | 68 or Say 70. | |
| Plastering with 2 coats Keenes Cement | | | | | | |
| Sides and intrados of arch | 1 | 19.6 | 1-6 | | 29 | |
| Blocking up windows both sides | 2 | 4-9 | 5-0 | | 190 | |
| do | 2 | 4-9 | 5-0 | | 48 | |
| do doorway | 2 | 4-6 | 8-0 | | 72 | |
| Cross walls both sides of top | 1 | 16-0 | 17-6 | | 280 | |
| Main building inside | 1 | 66-6 | 13-6 | | 898 | |
| do gable inside | 1 | 16-0 | 2-6 | | 40 | |
| Main building outside | 1 | 72-6 | 13-0 | | 943 | |
| do gable outside | 1 | 17-6 | 3-0 | | 53 | |
| Basement all round | 1 | 82 | 0 | 1-9 | 144 | |
| Plastering here and there | | Say | | | 231 | |
| Total Sqrft Plastering | | | | | 2928 | |
| Deductions | | | | | | |
| Windows | 5 | 4-3 | 4-6 | | 96 | |
| Door | 1 | 4-6 | 7-0 | | 32 | |
| Total deductions | | | | | 128 | |
| Total Sqrft Plastering less deductions | | | | | 2800 | 2800 |

E. 120.
50,000—14-5-95.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Flooring with 2½" of Portland Cement Concrete Backed up 3½" ordinary Concrete | | | | | | |
| For Verandah | 1 Say | 18-0 | 6-7½ | | 119 | 120 |
| Total Sqrft of flooring | | | | | | |
| Flooring with Teak Planks 3¼" Thick | | | | | | |
| Proposed Library | 1 | 35-0 | 16-6 | | 578 | 580 |
| Total Sqrft Say | | | | | | |
| Best Teak wood wrought & laid | | | | | | |
| Joists for flooring 2½ apart | 9 | 36-0 | 0-3 | 0-5 | 33-75 | |
| Wallplates to Dwarf walls | 3 | 16-0 | 0-4 | 0-2 | 2-66 | |
| do main walls | 2 | 16-0 | 0-3 | 0-2 | 1-33 | |
| Tie beams | 2 | 18-0 | 0-4 | 0-5½ | 5-50 | |
| King posts | 2 | 7-0 | 0-4 | 0-4 | 1-56 | |
| Struts | 4 | 5-3 | 0-4 | 0-4 | 2-33 | |
| Principal rafters | 5 | 11-0 | 0-4 | 0-5 | 7-64 | |
| Purlins all round | 1 | 84-0 | 0-4 | 0-5 | 14-66 | |
| do rising over king post | 1 | 74-0 | 0-4 | 0-5 | 10-28 | |
| Ridge piece | 1 | 30-0 | 0-3 | 0-8 | 5-00 | |
| Pole plate or wall plate | 1 | 54-0 | 0-3 | 0-4 | 4-50 | |
| | 1 | 38-0 | 0-3 | 0-4 | 3-17 | |
| Posts to Verandah | 3 | 6-6 | 0-6 | 0-6 | 4-88 | |
| Valley rafters | 1 | 16 | 0-4 | 0-6 | 2-66 | |
| do | 1 | 12 | 0-4 | 0-6 | 2-00 | |
| Breasumers do | 1 | 20-0 | 0-4 | 0-6 | 3-33 | |
| Rafters to Verandah to be cut to suit the Existing Verandah | 12 | 12-3 | 0-3 | 0-4 | 12-25 | |
| Weather boards | 1 | 17-6 | 0-9 | 0-1 | 1-09 | 112 114 |
| Total Cubft of wood work | | | | | 112-92 113-58 | or Say 113-00 |
| Teak wood Barge board | | | | | | |
| In front of proposed Library | 1 | 10-6 | | | | |
| do | 1 | 12-0 | | | | |
| Total Running ft | | | | | 22½ | or 23 ft |

S. I. G. ENGINEER. No. 29 NOV 98 INDIA

E. 120.
50,000—12-2-97.

## ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Roofing with Corrugated iron sheets with Rafters, purlins &c including wind ties complete. | | | | | | |
| Front of Library | 1 | 38-6 | 10-6 | | 352 | ✓ |
| Rear of library | 1 | 34-6 | 12-0 | | 414 | ✓ |
| Verandah | 1 | 18-0 | 11-6 | | 104 | ✓ |
| End of Library. | 1 | 18-0 | 12-6 | | 225 | ✓ |
| Total Sqrft of Roofing | | | | | 1095 | or say 1100. L.S. |
| Connecting the N.E. roof with new one | | | | | | |
| Door | | | | | | |
| Teak wood panelled door with frames fastenings &c complete similar to the one in the present Library | 1 | 4-6 | - | 7-0 | 32 | ✓ |
| Total Sqrft | | | | | | 32 |
| Painting doors and windows with 2 Coats - | | | | | | |
| Door to Timber room | 1 | 4-0 | 7-0 | 2/4 | 63 | ✓ |
| Door to Library | 1 | 4-6 | 7-0 | 2/4 | 71 | ✓ |
| Windows to Library | 3 | 4-3 | 4-9 | 2/4 | 207 | ✓ |
| Barge Boards | 1 | 23 | 2-1 | - | 48 | ✓ |
| Eave boards | 1 | 66-0 | 1-7 | - | 104 | ✓ |
| Verandah posts | 4 | 6-6 | 2-0 | - | 52 | ✓ |
| Total Sqrft of Painting | | | | | 545 | or say 550 |
| Wood oiling two Coats | | | | | | |
| Roof timbers &c | | | | | | L.S. |
| Removing the windows at A A B B and replacing them in A' A' A' B' B'. | | | | | | No 5 |
| Removing the door at C. and replacing it at C'. | | | | | | No 1 |

## ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Removing the screen made up of Gunny Cloth in teak wood posts at E. and replacing it at E' with new Gunny Cloth | | | | | | ✓ L.S. |
| Removing the wooden partition at E and replacing it at E' | | | | | | ✓ L.S. |
| Removing the Gunny Cloth screen at E | | | | | | ✓ L.S. |
| Erecting a Screen with posts complete with Gunny Cloth | | | | | | |
| In the proposed Room for clerks of the Chief Engineer for Irrigation or abt | 1 | 14-0 | 11-6 average | — | 161 | ✓ ✓ |
| Total Sqrft | | | | | | 161 |
| Painting wooden partition similar to the existing one to the Verandah proposed to be extended including painting two Coats | | | | | | |
| For Verandah | 1 | 16-6 | 6-3 | | 103 | ✓ ✓ |
| Total Sqft | | | | | | 103 |
| Eave Gutter | | | | | | |
| At the middle of the roof | 1 | 37-0 | | | | ✓ |
| Total Running ft | | | | | | 37 |
| Down take pipe | | | | | | |
| In front where the roof of the proposed and old joins | 1 | 14 | | | | ✓ |
| Total Rft | | | | | | 14 |
| Earthwork | | | | | | |
| Excavating foundation, filling & clearing the site and levelling &c | | | | | | L.S. |

PUBLIC ENGINEER'S OFFICE
No.....
29 NOV 88
Encls
FORT

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Removing the existing record racks in the present Library and refixing them in the proposed Library | | | | | | L.S. |
| Record Racks | | | | | | |
| For office of the Chief Engineer for Irrigation as per Separate Estimate | | | | | | 66 ✓ |
| For office of the Public Depth. | | | | | | |
| (1) Room measuring 20×16 | do | | | | | |
| (2) do 20×14 | do | | | | | 31 ✓ |
| (3) do 16×16½ | do | | | | | 35 ✓ |
| For office of the Railway | do | | | | | 31 ✓ ✓ |
| Total Cubic ft | | | | | | 163 |
| Teakwood Cornice for racks | | | | | | |
| For office of the Chief Engineer for Irrigation as per separate Estimate | | | | | | 30 ✓ |
| For office of Public Dept: | | | | | | |
| (2) Room measuring 20×14 | do | | | | | 14 ✓ |
| (3) do 16×16½ | do | | | | | 16 ✓ |
| For office of the Railway | do | | | | | 14 ✓ ✓ |
| Total Running Cornice | | | | | | 74. |
| Polishing the stone tracks and Cornices | | | | | | L.S. |

NOTE
Est: for providing record rack was sometimes in G.O. No: 1886 dtd 27-7-98 the racks have been put up. Hence omitted

E. 120.
50,000—12-2-97.

ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Number. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Providing Record Racks to the Secretariat Offices on Stone Verandah in Detached Buildings | | | | | | |
| As per plan of Chief Engineer for Irrigation | | | | | | |
| Teak wood wrought & put up: | | | | | | |
| Long rack 16ft in length | | | | | | |
| Corner uprights | 2×2 | 11-9 | 0-3 | 0-3 | 2·93 | ✓ |
| Centre do | 2×7 | 11-9 | 0-3 | 0-2 | 6·85 | ✓ |
| Rails Hanging Cornice | 2×8 | 16-0 | 0-2 | 0-1½ | 5·33 | ✓ |
| do Cross | 9×8 | 1-6 | 0-2 | 0 1½ | 2·25 | ✓ |
| Shelves | 1×8 | 16-0 | 1-6 | 0-1 | 16·00 | ✓ |
| Closing end | 2×1 | 11-9 | 1-0 | 0-¾ | 1·46 | ✓ |
| Total Cubic ft | | | | | 34·82 | ✓ |
| Small rack 14 feet in length | | | | | | |
| Corner uprights | 2×2 | 11-9 | 0-3 | 0-3 | 2·93 | ✓ |
| Centre do | 2×6 | 11-9 | 0-3 | 0-2 | 5·87 | ✓ |
| Rails | 2×8 | 14-0 | 0-2 | 0 1½ | 4·67 | ✓ |
| do Cross | 8×8 | 1-6 | 0-2 | 0 1½ | 2·00 | ✓ |
| Shelves | 1×8 | 14-0 | 1-6 | 0-1 | 14·00 | ✓ |
| Closing End | 2×1 | 11-9 | 1-0 | 0-¾ | 1·46 | ✓ |
| Total Cubic ft | | | | | 30·93 | ✓ |
| Total Cubic ft of wood work | | | | | 65·75 | or Say 66 |
| Teakwood Cornice | | | | | | |
| do | 1 | 16-0 | | | | |
| do | 1 | 14-0 | | | | |
| Total Rft | | | | | | 30 |

## ESTIMATE FORM.—Detail Measurements.

| Detail of Work. | Numbers. | Measurements in Feet. Length. | Breadth. | Depth. | Area or Contents. | Total Quantity of each description of Work. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| For office of Public Departments | | | | | | |
| Small rack for 16 feet in length | | | | | | |
| Teak wood wrought & put up | | | | | | |
| Total Cubft as per above detail Quantity | | | | | | 31 |
| Teak wood Cornice | | | | | | |
| do | 1 | 14 | | | | 14 Rft |
| Long rack for 16 feet in length | | | | | | |
| Teak wood wrought and put up | | | | | | |
| Total Cubft as per above detail quantity | | | | | | 35 |
| Teak wood Cornice | | | | | | |
| do | 1 | 16 | | | | 16 Rft |
| For office of Railway | | | | | | |
| Small rack for 16 feet in length | | | | | | |
| Teak wood wrought and put up | | | | | | |
| Total Cft as per above detail quantity | | | | | | 31. |
| Teak wood Cornice | | | | | | |
| do | 1 | 14 | | | | 14 Rft |
| Polishing &c. | | | | | | |
| To above Record Rack No | 5 | | | | 5 | 5 |

Ouvrais
10217/58

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | Estimate for additions and alterations to Government Secretariat office Detached buildings on Stone Horsekallah Cottacammund | Rs. | | Rs. | Rs. |
| 220 Cubft of Dismantling | | 2 | 100 ft | 4 | |
| 1070 " " Concrete in Chunam | | 28 | do | 300 | |
| 2050 2120 " " Platform moulded bricks | | 31 | do | 657 | |
| 70 " " Segmental arch work in chunam | | 34 | do | 24 | |
| 2800 Sft of Plastering with 2 Coats of chunam including White washing | | 4 15 | 100 Sft | 138 | |
| 120 " " Flooring with 2½" of Portland Cement Concrete on a bed of 3½" Ordinary Concrete | | 258 | do | 31 | |
| 580 520 " " Flooring with teak plank 3½" thick | | 235 | do | 203 | |
| 1142 Cubft Banteakwood wrought & put up | | 3 | Cft | 342 | |
| 23 Rft Teakwood Barge board | | 1 8 | Rft | 12 | |
| 1100 Sft Roofing with corrugated iron sheets with peepers, pantiles &c including windties complete | | 31 8 | 100 Sft | 347 | |
| L.S. Connecting the old roof with new work | | L S | | 10 | |
| 32 Sqft Teakwood panelled door with frames fastenings &c complete Similar to the one in the present library | | 4 4 | Sft | 40 | |
| 550 " " painting doors & windows with 2 Coats | | 3 8 | 100 Sft | 19 | |
| L.S. wood oiling two Coats | | L S | | 20 | |
| Nos 5 Removing the windows as A, A, A, B, B, and replacing them in A' A' A' B' B' | | 4 | Each | 20 | |
| | Carried over | | | 2144 | |
| | Grand Total of Estimate .. | | | | |

STATION _____

Date _____ 189 .

Executive Engineer.

SUPDT. OFFICE
No.
29 NOV. 88
ENCLS.
FOURTH CIRCLE

(E. No. 132.)

50,000—92-2-97

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

## ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | TOTAL. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | RS. | | RS. | RS. |
| | Brought forward | | | ~~2064~~ 2146 | |
| [No] | Removing the door sh C and replacing it sh C' | | 5 mm Each | 5 | |
| L.S. | Removing the Screen made up of Dungary cloth + teak wood posts sh D and replacing it sh D with new dungary cloth | | L.S. | 10 | |
| do | Removing the wooden partition sh E and replacing it sh E' | | do | 5 | |
| do | Removing the Dungary cloth Screen sh H. | | do | 2 | |
| 161 Sft | Providing a Screen with posts made up of Dungary cloth | | 6 mm Sft | 60 | |
| 103 | Providing wooden partition similar to the existing one to the Verandah proposed to be Tender including painting | 2 + 6 + 12 | do | 77 | |
| 37 Rft | of PG gutter | 1 m | Rft | 37 | |
| 14 | Down take pipe | 9 m | do | 8 | |
| L.S. | Earth work | | L.S. | 10 | |
| do | Removing the existing Record Rack in the present Library and refixing them in the proposed Library | | do | 30 | |
| 163 Cft | of teak wood Record Racks ~~as per Estimate~~ | | Cft | ~~875~~ | |
| ~~32~~ Rft | teak wood Cornice for Rack ~~Estimate~~ | 8 m | Rft | ~~32~~ | |
| L.S. | Polishing to Record Racks | | L.S. | 25 | |
| do | Enforce sawork | | do | 60 | |
| | | | | ~~3260~~ 3327 | |
| | Contingencies | | | ~~95~~ 170 | |
| | Supervision | | | ~~95~~ 103 | |
| | Returned. | | | | |
| | Superintending Engineer & Circle | | Grand Total of Estimate .. | | ~~3450~~ 3600 |

STATION Coimbatore

Date 26th November 1898.

Q.M.K. 21-11-98.

26/11/98

C. H. B. Burton

Executive Engineer.

Coimbatore Division

SURG. ENGR. DEPT. No ... 29 NOV. 88 ENCIO ... FOURTH CIRCLE

(E. No. 132.)

50,00 0—12-2-07

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

## ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

SURG. ENGR. DEPT. No 881 C. I. W. D. 29 NOV. 88 ENCIO 4

"Encls: 1/2 5th letter No. 634 W"

(E. No. 132.)

50,00 0—12-2-07

CIRCLE— Fourth

DIVISION— Coimbatore

DISTRICT— Nilgiris

TALUK (~~OR ESTATE IN CASE OF ESTATE WORKS.~~)
Ootacamund

## ESTIMATE FORM.—Abstract.

Financial Head— Provincial

Budget Head— Civil Buildings.

Departmental Head— Original work

Main Head— Administration

Sub-Head— Residence for Local Govt: & Secretariat offices.

Project of which
the work forms part—

Section—

Name of Work— Additions and alterations to Government Secretariat offices detached building on Stonehouse hill at Ootacamund

Amount of Estimate, Rs.— ~~3,150.~~ 3600

~~To be~~ carried out by— The Executive Engineer Coimbatore Division

REFERENCES.

Ootacamund
No 217/88

**ESTIMATE FORM.—Abstract.**

| Quantity. | Description of Work | Rate. | Per | Amount | TOTAL. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | RS. | | RS. | RS. |
| | Brought forward | | | ~~2464~~ 2146 | |
| No 1 | Removing the door at C and replacing it at C' | | +5 — Each | 5 | |
| L.S. | Removing the Screen made up of Dungary cloth + teak wood posts at D and replacing it at D with new dungary cloth | | L.S. | 10 | |
| do | Removing the wooden partition at E and replacing it at E' | | do | 5 | |
| do | Removing the Dungary cloth Screen at F. | | do | 2 | |
| 1661 Sft | Providing a Screen with posts made up of Dungary cloths | | 6 — Sft | 60 | |
| 103 — " | Providing wooden partition similar to the existing one to the Verandah proposed to be Tendered including painting | 2 + 6 + 12 | do | 77 | |
| 378 Rft | of G.I. gutter | | 1 — Rft | 37 | |
| 14 — " | Down take pipe | | 9 — do | 8 | |
| L.S. | Earth work | | L.S. | 10 | |
| do | Removing the existing Record Rack in the present library and refixing them in the proposed library | | do | 30 | |
| 163 Cft | of teak wood Record Racks ~~as per Estimate~~ | | Cft | 875 | |
| ~~72~~ Rft | teak wood Cornice for Rack ~~as per Estimate~~ | | 8 — Rft | ~~32~~ | |
| L.S. | Polishing to Record Racks | | L.S. | 25 | |
| do | Enforce sec work &c | | do | 60 | |
| | Contingencies | | | ~~3260~~ | 3327 |
| | Supervision | | | ~~46~~ | 170 |
| | Assumed. | | | ~~95~~ | 103 |
| | | | Grand Total of Estimate .. | | ~~3450~~ 3600 |

Superintending Engineer
4 Circle

STATION Coimbatore
Date 26th November 1898.

C.H.D. Burton
Executive Engineer
Coimbatore Division

26/11/98

# Calculations of Steel Sections.

1. For a Span of 31 ft × 10 ft in lower floor

wt. per sft

Lino-load = 31 × 10 × 80 = 24800. lbs

Terrace = 31 × 10 × 58 = 17980. lbs

Joists = 20 × 10 × 3" × 6½" × 45 = 12809 12179. lbs

Planking = 31 × 10 × 7/16 × 45 = 872. lbs

Joists under planking 31 × 2 × 1/16 × 1/4 × 45 = 291 465. lbs

Total lbs — 45336 or 20 tons 20.2
45225

∴ Load to be carried on Girder will be 20 tons 20.2

By formula (Vide Dorman + Long) W = WL

W = 31 × 20 = 620 lbs distributed load 626.2

in tons that one ft will carry + that would suit a steel section 20" × 7/2" weighing 89 lbs per foot run.

∴ 2 Steel Girders of 34' × 20" × 7/2" to be used weighing 89 lbs per foot run are provided for lower floor.

Calculation for Compound 2 girders for a span of 31 ft in the lower floor to support the wall of the passage in the upper floor.

Weight of wall: 31 × 1.25 × 16 × 110 lbs = 63937 53281

Deduct for the two windows 2 × 4 × 5 × 110 × 1.25 = 5500

∴ Net total lbs — 58437
58781

B. f. 58437

Portion of terrace & passage to Pt. D clock

Roone = 31×40×5 8 = 179 80

Do above or next. 31×4+5×58 = 16182

Dwarf wall in upper floor 12×3/4×5 3/4×110 = 5693

Wall plates 5×12×1/8×1/4×45 = 142

Roof 12×4 3×2 1/2 = 1290

Live load 1st floor 31×5·2×40 = 12813

Wind pressure &c = 1608

Total lbs 85200 or 38 tons

∴ Load to be carried on compd Girder 38 tons

By formula (Vide Dorman & Long) w = WL

w = 31×38 = 1174 lbs distributed load in tons that one foot will carry & that would suit a compound girder of 21 1/4" × 12" at 144 lbs per foot.

∴ 1 Compd girder of 34' × 21 1/4" × 12" at 144 lbs is provided in the estimate.

rather weak. 21 1/4" × 12" at 260 lbs. the next is rather big thing.

3. For a span of 31/2 × 11' in the upper floor.

Terrace = 31·5×11×58 = 20097

Joists = 22×11×3"×7"×45 = 15885

Dwarf wall = 11×3/4×5 3/4×110 = 5284

Wall plate = 11×5×3"×2"×45 = 1035

Roof = 11×4 3×2 1/2 = 1183

Wind pressure as limit load necessary = 945

Total lbs 29120 or 13 tons

∴ Load to be carried on girder 13 tons

By formula (Vide Dorman & Long) w = WL

w = 31·5×13 = 409·5 = 380 lbs distributed load in tons that one foot will carry & that would suit a steel section 18" × 7" 16" × 6" but to guard against deflection the depth of girder must not be less than 1/20 of span or 63/2 × 12/20 = 63/10 = 189/10 = 19"

∴ 3 Stub Girders of 34' × 20" × 7/2" weighing 89 lbs per foot run are provided in the estimate

(4) Calculation for a steel girder to support the walls ~~10 ft of span~~ the upper floor adjoining the passage from a span of 10 ft.

Weight of wall 10×5×1·25×110 = 6875

Terrace = 10×4 1/2×58 = 2610

Roof, Joist wind pressure (roughly) = 1705

Total lbs = 11200 or 5 tons

∴ Load the carried on girder is 5 tons

By formula (Vide Dorman & Long)

w = WL

w = 5×10 = 50 lbs distributed load in tons that one foot will carry

and.

Cumbalack Division

and that would suit a steel section
6"×4½" weighing ~~two~~ 20 lbs per foot run.

∴ one girder of 13'× 6"×4½" weighing
20 lbs per foot run is provided.

SUPG. ENGINEER'S OFFICE No 881 Cal
29 NOV. 98
Encld 8
FOURTH

"Encls: No 7 to letter No 634"
W

C.W.P. Brohier.
Executive
Commissioner

Adh
25-XI-98.

OWS.27
1047/98

## ESTIMATE FORM.—Abstract.

| Quantity | Description of Work. | Rate. | Per | Amount | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. | | Rs. | Rs. |
| | Data Slip to accompany the estimate for abstracts to the Govt. Executive officer on Standard [illegible] at Batticaloa | | | | |
| | 100 cft of Concrete Stone in Chunam | | | | |
| 100 | cft of Concrete as per Schedule | ✓ 20·12·0 | 100 cft | 20·12·0 | ✓ |
| 112 | cft of Broken Stone Carted 1½ miles | ✓ 3·8·0 | do | 3·15·0 | ✓ |
| 16 | cft of lime Carted 1 mile | ✓ 1·5·10 | do | 0·3·6 | ✓ |
| 32 | cft of Sand Carted 5 miles | ✓ 9·0·0 | do | 2·14·1 | ✓ |
| | | Sundries | | 0·3·5 | ✓ ✓ |
| | | Total Rs for 100 cft | | | 28·0·0. |
| | 100 cft of Brick in Chunam. | | | | |
| 100 | cft of Brick in chunam as per Schedule. | ✓ 20·0·0 | 100 cft | 20·0·0 | ✓ |
| 1500 | Bricks Carted 4 miles | ✓ 5·0·0 | 1000 | 7·2·0 | |
| 16 | cft of lime Carted 1 mile | ✓ 1·5·10 | 100 cft | 0·3·6 | |
| 32 | cft of Sand Carted 5 miles | ✓ 9·0·0 | do | 2·14·1 | |
| | | Sundries | | 0·6·5 | ✓ |
| | | Total Rs for 100 cft | | | 31·0·0. |
| | 100 cft of Table moulded Brick in chunam. | | | | |
| 100 | cft of Brick in Chunam as per schedule | ✓ 28·4·0 | 100 cft | 28·4·0 | ✓ |
| 1400 | Bricks Carted from Wellington to Roty | 12·0 ✓ 10·0·0 | 1000 | 17·8 14·0·0 | ✓ |
| 16 | cft of lime Carted 1 mile | ✓ 1·5·10 | 100 cft | 0·3·6 | ✓ |
| 32 | cft of Sand carted 5 miles | ✓ 9·0·0 | do | 2·14·1 | ✓ |
| | | Sundries | | 0·2·5 | ✓ ✓ |
| | | Total Rs for 100 cft | | | 45·8·0 |
| | 100 cft of Arched brick in Chunam | | | | |
| 100 | cft of Brickwork as above | | | 31 30·6·0 ~~31·0·0~~ | |
| | Add 10 pc for extra labor &c | | | 3·10 ~~3·00~~ | ✓ |
| | | Total Rs for 100 cft | | | 34·0·0. |
| | | | | Grand Total of Estimate .. | |

STATION _____
Date _____ 189 .

Executive Engineer.

(E. No. 132.)

50,00 0—12-2-97.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

## ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. | | Rs. | Rs. |
| | 100 c/ft of arch work Table moulded brick in C. mortar | | | | |
| 100 | c/ft of Table moulded bricks in Chunam | ——— | | 45-8- | ✓ |
| | Add 10 per cent for extra labour for arch work | ——— | | 4-8-0 | ✓ |
| | Total for 100 c/ft | ——— | | | 50-0-0 |
| | 100 S/ft of Flooring with Cement Concrete 2½" | | | | |
| | on a bed of ordinary Concrete 3½" Thick | | | | |
| 100 | S/ft of flooring as per Schedule | ——— | 22-2 | 100 S/ft 22-2 | ✓ |
| 50 | of Broken Stone Carted 1/2 Mile, | ——— | 2-8 | " 100 c/ft 1-12 | ✓ |
| 5 | Cubft of Lime Carted 1 Mile | ——— | 1-5-10 | do 0-1-1 | ✓ |
| 3 | Cubft of Cement Carted 1 Mile | ——— | 2-2-10 | do 0-4-0 | ✓ |
| 16 | -0- of Sand Carted 5 Mile, | ——— | 0-0-2 | do 1-7-1 | ✓ |
| | Sundries | ——— | | 0-0-10 | ✓ ✓ |
| | Total for 100 S/ft | ——— | | | 25-8-0 |
| | 100 S/ft of Roofing with Corrugated iron | | | | |
| | and pantiles including windtiers Complete | | | | |
| 100 | S/ft of Corrugated iron with windtiers Complete | | 25-0 | 100 S/ft 25-0 | ✓ |
| 1500 | Pan tiles at Site of Kiln | ——— | 2-4 | " 1000 3-6 | ✓ |
| 1500 | Pan tiles Carted 2½ Miles | ——— | 0-0-8 | 0-14-6 | ✓ |
| | Ridges wherever necessary to prevent the | | | | |
| | Slipping of tiles | ——— | | 1-0-0 | ✓ |
| | Labour for laying pan tiles &c | ——— | | 0-11-0 | ✓ |
| | Chunam pidge &c | ——— | | 0-1-0 | ✓ |
| | Sundries | ——— | | 0-1-6 | ✓ ✓ |
| | Total for 100 S/ft | ——— | | | 31-8-0 |
| | Running foot of Cornice work Table moulded one Row | | | | |
| 1 | Rft of cornice Similar to the one | | | Chunam | |
| | existing in the building | ——— | | 0-8-0 | 0-8-0 ✓ |
| | Total for one Rft | ——— | | | |

Grand Total of Estimate ..

STATION ———

Date ——— 189

Executive Engineer.

(E. No. 132.)

50,00 0—12-2-97.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

## ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

SUPDG. ENGINEER'S
No .....
29 NOV. 98
Circle
DIVISION

(E. No. 132.)

50,00 0—12-2-97.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS.)

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. | | Rs. | Rs. |
| | *100 cft of arch work Table moulded brick in Chunam* | | | | |
| 100 | cft of Table moulded bricks in Chunam | 45-8- | | | ✓ |
| | add 10 per cent for extra Labour for arch work | 4-8-0 | | | ✓ |
| | Total for 100 cft | | | | 50-0-0 |
| | *100 Sft of flooring with Cement Concrete 2½" and bed of ordinary Concrete 3½" thick* | | | | |
| 100 | Sft of flooring as per Schedule | 22-2 | 100 Sft | 22-2 | ✓ |
| 50 | cft of Broken Stone Carted 1½ Miles | 3-8 | 100 cft | 1-12 | ✓ |
| 5 | Cubft of lime Carted 1 Mile | 1-5-10 | do | 0-4-1 | ✓ |
| 3 | Cubft of Cement Carted 1 Mile | 2-2-10 | do | 0-4-0 | ✓ |
| 16 | " of Sand Carted 5 Miles | 9-0-0 | do | 1-7-1 | ✓ |
| | Sundries | | | 0-0-10 | ✓ |
| | Total for 100 Sft | | | | 25-8-0 |
| | *100 Sft of Roofing with Corrugated iron and Pantiles including wind ties &c Complete* | | | | |
| 100 | Sft of Corrugated iron with wind ties Complete | 25-0 | 100 Sft | 25-0 | ✓ |
| 1500 | Pantiles at Site of Kiln | 2-4-0 | 1000 | 3-6-0 | ✓ |
| 1500 | Pantiles Carted 2½ Miles | 9-8-0 | " | 14-6-0 | ✓ |
| | Reapers wherever necessary to prevent the | | | | |
| | Slipping of tiles | | | 1-0-0 | ✓ |
| | Labour for laying pantiles &c | | | 0-14-0 | ✓ |
| | Chunam Ridge &c | | | 0-4-0 | ✓ |
| | Sundries | | | 0-1-6 | ✓ |
| | Total for 100 Sft | | | | 31-8-0 |
| | *1 Running foot of Cornice work Table moulded in Chunam* | | | | |
| 1 | Rft of Cornice Similar to the one existing in the building | 0-8-0 | | 0-8-0 | ✓ |
| | Total for one Rft | | | | 0-8-0 |

Grand Total of Estimate ..

STATION _____

Date _____ 189 .

Executive Engineer.

## ESTIMATE FORM.—Abstract.

| Quantity. | Description of Work | Rate. | Per | Amount | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. | | Rs. | Rs. |
| | *100 Sft of Roofing with Corrugated iron and Mangalore Tiles including wind ties &c complete* | | | | |
| 100 | Sqrft of roofing with Corrugated iron including wind ties bolts & nuts & ridge with fittings | 25-0-0 | 100 Sft | 25-0-0 | ✓ |
| 150 | Mangalore tiles | 90-0-0 | 1000 | 13-8-0 | ✓ |
| 110 | Rft of Reapers | 5-0-0 | 100 Rft | 5-8-0 | ✓ |
| 150 | Mangalore tiles Carted 1 Mile | 1-5-10 | 1000 | 0-3-2 | ✓ |
| 110 | Rft of Reapers Carted 1 Mile | 1-5-10 | 100 cft | 0-0-4 | ✓ |
| 1·530 or 1½ cubft | 158 lbs of Corrugated iron Carted 1 Mile | | | 0-1-0 | ✓ |
| | Sundries | | | 0-11-6 | ✓ |
| | Total for 100 Sft | | | | 45-0-0 |
| | *100 Sft of terraced flooring with bricks on edge and 3" thick Concrete Foundation and finishing* | | | | |
| 2000 | Terraced bricks Cost at Site of Kiln | 4-8-0 | 1000 | 9-0-0 | ✓ |
| 2000 | do Carted 4 Miles | 1-0-0 | do | 2-0-0 | ✓ |
| 12 | cft of lime Cost at Site of Kiln | 5-0 | cft | 3-12-0 | ✓ |
| 12 | cft of do Carted 1 Miles | 1-5-10 | 100 cft | 0-2-8 | ✓ |
| 24 | cft of Sand Carted 5 Miles | 9-0-0 | 100 cft | 2-2-7 | ✓ |
| 28 | cft of Broken bricks for concrete at Site of Kiln | 0-4-0 | do | 0-6-7 | ✓ |
| 28 | do Carted 4 Miles | 5-0 | do | 1-6-5 | ✓ |
| | Labour for the above | | | 4-0-0 | ✓ |
| | Sundries | | | 0-2-9 | ✓ |
| | Total for 100 Sft | | | | 23-0-0 |
| | 100 Sft of teak plan Ring 1" thick | 116 | | 116-0-0 | ✓ |
| | 100 do Sft teak plan Ring ¾" thick | 86 | | 86-0-0 | ✓ |
| | 100 do do of teak plan Ring ½" thick | 72 | | 72-0-0 | ✓ |

~~Grand Total of Estimate~~ ..

STATION _____

Date _____ 189 .

C. H. B. Burlton
Executive Engineer.
Conservancy Department

21-4-98

26/11/98.

SUPDG. ENGINEER'S OFFICE
No. 881 C.D.
29 NOV 98
Encls. 6
FOURTH CIRCLE

"Encls: No 6 to letter No 634"
45

(E. No. 132.)

50,000—12-2-99.

CIRCLE— Fourth

DIVISION— Coimbatore

DISTRICT— Nilgiris

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)
Ootacamund.

**ESTIMATE FORM.—Abstract.**

Financial Head— Provincial

Budget Head— Civil Buildings

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work— Data Sheet to accompany the estimate for additions and alterations to the Govt: Secretariat offices on Stonehouse hill at Ooty.

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

O.C. 26
10-2-1768

Public Works
~~Financial~~ (189 ) Department.

CURRENT No. ——

*From*

The Supdg. Engineer
IV circle

*Order*

No. ——

*Dated* 2nd January 1899
*Received*
*Registered*
*Enclosures*
*Spare copies*

SUBJECT.

Secretariat offices on Stonehouse Hill, Ootacamund

——

Requesting immediate sanction to the estimate for additions & alterations to the ——— x

T—14.

Class. S | INDIAN TELEGRAPH. | Monthly Serial No. 21

To Madras Fort St George

Station

Words. | Day. | Hour. | Minute.

From Coimbatore

Station

OFFICIAL INSTRUCTION.

Rec'd 2 14 35

From (Person) Superintending engineer 4th

works

1 my 634 6th

2 ultimo immediate

3 sanction necessary

4 to finish work

5 before government

6 leaves Madras

7

8

9

10

11

12

13

14

TRIPLICANE 2 JA. 99

| RECD. FROM | L. N. | SENT TO | L. N. |
|---|---|---|---|
| AT Hrs. Mts. By | | AT Hrs. Mts. By | |

Date

Postmaster.

Telegram

State ordinary.

From. The Superintending Engineer 4th Circle

To. The Chief Engineer P. W. D.

My 634 6th ultimo immediate sanction necessary to finish work before Government leaves Madras.

No 4/5

Copy forwarded to the Chief Engineer P. W. D in confirmation of the Telegram dated 2nd January 1899.

Coimbatore 3rd January 1899

Superintending Engineer 4th Circle.

2.1.99

## RATES OF CHARGE FOR INLAND TELEGRAMS.

*The address (including name of Sender, and name and residence of Addressee) is transmitted free.*

| | First 8 words. | Each additional word. | |
|---|---|---|---|
| Deferred Message | ... 8 Annas | ... 1 Anna. | A group of 3, or less figures, is reckoned as one word. |
| Ordinary " | ... 1 Rupee | ... 2 Annas. | |
| Urgent " | ... 2 Rupees | ... 4 Annas. | |

No charge for delivery within a distance of 5 Miles.

Telegram

State ordinary.

From. The Superintending Engineer
4th Circle

To. The Chief Engineer
P. W. D.

My 634 6th ultimo immediate sanction necessary to finish work before Government leaves Madras.

A/54/ws

Copy forwarded to the Chief Engineer P. W. D in confirmation of the Telegram dated 2nd January 1899.

Coimbatore
3rd January 1899

Sd/-
2.1.99

Attested
Supdg. Engineer 4th Circle.

## BACK PAPERS.

| G.O. | No. | Department. | Date. |
|---|---|---|---|
| | | | |

## FURTHER PAPERS.

| G.O. | No. | Department. | Date. |
|---|---|---|---|
| | | | |

Telegram

State ordinary.

From. The Superintending Engineer
4th Circle

To. The Chief Engineer
P. W. D.

My 634 6th ultimo immediate Sanction necessary to finish work before Government leaves Madras.

454/5

Copy forwarded to the Chief Engineer P. W. D in confirmation of the Telegram dated 2nd January 1899.

Coimbatore
3rd January 1899

Attested
Supdg. Engineer 4th Circle.

2-1-99

S. W. Circ. 114.

Fourth Circle.

No 24/5 of 3rd January 1899

Rec'd. 5-1-99

Copy of telegram dated 2nd January 1899.

Let one fill the estimate & is received from W.

A.K. 6-1-99. Dw

H.C.

C.S. to inform WRC of the return of the bulbs.

Public Works (1899) Department.

urgent

CURRENT No. 1992

From The Consulting Architect to Govt

Order

No. 3838

Dated 6 March 1899

Received

Registered 7.3.99

Enclosures 7 (2 plans) & P.W.C. Nos 9759 & 10217 of 98 on file.

Spare copies

SUBJECT.

Govt. Secretariat buildings at Ootacamund.

Returning the file of correspondence & plans regarding the alterations & additions to the _____ with revised plans & estimate amounting to Rs 17,660.

T for immediate check.

A.K. 7.3.99 Dw

7.3.99. H.C.

BACK PAPERS.

| No. | Date. |
|---|---|
| 4843c | 4-11-98 ✓ |
| 1002D | 29-9-98 ✓ |
| 474D | 13-6-98 ✓ |
| 404D | 4-6-98 ✓ |
| 389D | 1-6-98 ✓ |
| 354D | 26-5-98 ✓ |
| 990W | 25-4-95 ✓ |
| 711C | 25-2-95 ✓ |
| 683C | 21-2-95 ✓ |
| 1543W | 20-5-92 ✓ |

FURTHER PAPERS.

| No. | Date. |
|---|---|
| | |

C. A. 1 500-11-6-97.

Office of the Consulting Architect to Govt,
Chepauk, Madras,
6th March 1899.

No. 3838

From

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

To

The Chief Engineer
Public Works Department
Madras.

Sir,

I have the honor to return the file of correspondence & plans regarding the alterations & additions to the Govt. Secretariat buildings at Ootacamund with revised plans & estimates — amounting to Rs 17,660

As directed by the Chief Engineer I have already put the work in hand & hope to have it completed or nearly completed by the time the buildings are required for occupation

I have the honor to be
Sir.
your most obedient Servant
Geo Harris
Consulting Architect
to Government

Enclosures.
Remarked { Tracings — 2 / Estimates — 2 }
Complete file with Tracings, Estimates &c } 1
Total — 5

[ G. 183 ]
500-7-1-04.

# NOTES.

W

Our clerks' room is very much crowded. Relief can be afforded by shifting an existing door to a new position so as to give entrance to the end of a passage which could then be screened off for the Cheuchi or attendar to work in. The proposals will be pointed out on the 25th. No additions to our portion of the building is practicable without spoiling its architectural features. C.S.

22 June 98

SURVEYOR'S OFFICE
No
29 NOV. 98
ENCIO
FOURTH CL

Note

W. b. C.S.

Public Dept

Note

The Chief Secretary has inspected the building today and has come to the conclusion that the best plan will be to give up the rooms marked AAAA in the plan to the Railway and Irrigation branches, retaining the passage, and to build new rooms for the Local and Municipal Educational & legislative Secretary's Assistant & Clerks. Will P.W.D. please refer to this proposal.

Cons.
4/7/98

4/7/98

To
P.W.D.
a. e.

Note for the C.S.

As regards A a large store room is much needed & there should be a office room for European & Eurasian Clerks. Both of these might however be detached from the main building. P.W.D. will probably consider, when framing estimate, the necessity for erecting

the

C.A.C.S.

SUPG. ENGINEER'S OFFICE, P.W.
No.
29 NOV. 98
Chelp
FORT

I do not know whether the Chief Secretary is awaiting the plan before moving in the matter - but I may mention that the Irrigation Secretary, Irrigation Branch, will be leaving in a few days on 3 months P.L. He is interested in the question of Extension of accommodation.

R.S.
4 July 98

Submitted to the C.S.

Cumb.
4.7.98

Can the Irrigation & Rly dept be accommodated in the space marked A.A.A.A. on the plan attached. If so new accommodation for Lo the W.D. be built.

4/7/98.

Public Dept

Note

The Chief Secretary has inspected the building today and has come to the conclusion that the best plan will be to give up the rooms marked AAAA in the plan to the Railway and Irrigation branches, retaining the passage, and to build new rooms for the Local and Municipal Educational & Legislative Secretary's Assistant & Clerks. Will P.W.D. please advise on this proposal.

Cumb.
4/7/98

4/7/98.

To
P.W.D.
n.o.

Note for the C.S.

As regards A a large store room is much needed & there should be a office room for European & Eurasian Clerks. Both of these might however be detached from the main building. P.W.D. will probably consider, when framing estimate, the necessity for erecting

the

W

The Irrigation offices might be separated from the Railway and moved into the portion of the building marked A A next to the Library. A A are two separate rooms at present. They might be connected by an archway in the dividing wall - the doorway marked B in blue pencil being bricked up. The passage could also be narrowed so as to widen the proposed Irrigation office room - the record boxes now in the passage being removed to a further room. A large room for Empty record boxes is much wanted - also a tiffin room for European Clerks.

The P.W. Secretariat room might be extended by effecting a doorway into the passage at the East -

The question of new rooms for the P.W. Dept will then remain for decision - this will have to be studied on the ground.

5 July 98.

SUPG. ENGINEER'S OFFICE C.T.R.D.
No. .....
29 NOV. 98
Encls. .....

Public Dept

Note

The Chief Secretary has inspected the building today and has come to the conclusion that the best plan will be to give up the rooms marked AAAA in the plan of the Railway and Irrigation branches, retaining the passage, and to build new rooms for the Local and Municipal Educational & Legislative Secretary's Assistant & Clerks. Will P.W.D. please note on this proposal.

Cuts.
4/7/98

4/7/98.

To.
P.W.D.
n.o.

Note for the C.S.

As regards A a large store room is much needed & there should be a tiffin room for European & Eurasian Clerks. Both of these might however be detached from the main building. P.W.D. will probably consider, when framing estimate, the necessity for erecting

the

Chief Secretary's Office
10/7/98

I

Can you come & inspect
these rooms today?
If so, when?

[illegible]
5-7-88

Chas

he will come round
at 3 oc

[illegible]
5-7-88

O.W.C.S.
10/7/88

S.W. Dept

SUPG. ENGINEER'S OFFICE, P. W. D.
No. .....
29 NOV. 88
Rec'd .....
FOURT[illegible]

Leslie

R.W.D accepts these proposals. The partitions in the Irrigation office rooms will have to be moved, & an opening made between the 2 rooms. Door B into library will have to be closed, & Door A (existing) opened instead. Probably the best place for the new rooms would be in an upper story over the library. I understand that a large room for European clerks, differ room for Empty boxes &c also much needed. A Probably an upper story over each end of the building will be required. The latter will have to consist wholly of pounds will stand in the Chief Engr's office, & a door moved in his office

[illegible]
5-7-88

To The Public Dept.

Public Dept

Note

The Chief Secretary has inspected the building today and has come to the conclusion that the best plan will be to give up the rooms marked AAAA in the plan to the Railway and Irrigation branches, retaining this passage, and to build new rooms for the Local and Municipal Educational & legislative Secretary's Assistant & Clerks. Will P.W.D. please note on this proposal.

Chas.
10/7/88

4/7/88

To
P.W.D.
n.o.

Note for the C.S.

As regards A a large store room is much needed & there should be a office room for European & Eurasian Clerks. Both of these might however be detached from the main building. P.W.D. will probably consider, when framing estimates, the necessity for erecting

the

rooms completely. The objection to upper. sloped rooms for office rooms is that they may not be able to stand racking. These are points for P.W.D. to consider as C.S. appears in the proposals generally, the papers may, it is submitted, be returned to that dept which will doubtless treat the matter as urgent, so that the additions may be carried out completely before Govt. comes up next year.

Cwb. 6.7.98

As S.W.D. concurs in the suitability of the proposal I think that steps should be taken to get the work carried out in the required way as soon as possible.

6/7/98.

It would be well to show the papers to Mr. Tod Timmins on his return and ask his opinion before finally sending them to P.W.D.

6/7/98

To 2A
L.M.
Will you please submit these papers to Mr Seay Cwb 6.7.98

Mr. Seay
Mr. Tod Timmins
P.W.D.

If any establishment turned out of the rooms they are now occupying, they will require

1 room for an Asst.
1 " " 3 or 4 clerks and records
1 lumber room for record boxes etc.

The clerks room should have record racks.

To Public Works. Recd 9/7/98

SUPR. ENGINEER'S OFFICE, P.W.D.
No.
29 NOV. 98
CHICIO
FORT

Lot 26

Supt.

In connection with the alterations which it is proposed to make in the Secretariat buildings it has been thought to utilise that there is no sitting room of which the want is much felt. The matter will be brought to the notice of the D.P.W.

29/7/98.

To.
P.W.D. H.O.

Await reply to memo No 683D d/12 July 98.

[ G. / 74 ]
1,000—3-9-97

NOTE FOR THE CHIEF SECRETARY.

As extension of the Secretariat building is under contemplation — more than that, estimates &c are under preparation — it would appear the present time is suitable to represent the, we may say, impossibility of carrying on the S B work with out an office; that is of course, in a condition of anything like efficiency.

The Govt. of India has recently ahead that the S B shall be permanent; & it has said (No. 79 Jud. 14-1-93) "the S B office should be organized on the best possible system for obtaining any record at the shortest notice".

Now argument is needless in order to point out that this is not possible when there is no office room,

no shelves, no places for keeping ready to hand files & letters except big boxes which must be filled up & locked every evening.

Submitted for favour of consideration.

It seems that it would not be difficult to construct a room to the West of the size room adjoining the Council Office room. It could be fitted up with shelves and almirahs suitable for the S.B. office. A.S.B. could continue to sit in the Council Office room. This arrangement is perhaps the least expensive.

[illegible]
2-9/98.

CHIEF SECRETARY
-2 SEP 1898
GOVERNMENT OF MADRAS

Public
No 1878 dy 3-9-98

With the S.D.W.
Consider this when making out the details of the additions to the Secretariat buildings.

2/9/98.

To D.W.W. a.o.

W

"S.B" stands for "Special Branch" which has confidential functions. It wants a separate room fitted with record racks. A few of these racks might be fitted with doors to lock. There is only one Clerk under Mr. Fawcett. 5 Sep 98

Rough plan is recd. of main building

[illegible]
D-G. W.

Public Works Department.

Current No. 10217
Letter No 634 W
Dated 6th December 1898
From the Engy Engineer W Circle.

Note by Technical Section.

Name of work Secretariat office building on Stone house hill. Ootacamund.
Amount of Estimate Rs 17,700.

The plans and estimates under review have been framed with reference to this office memo No. 1002 dated 29th Sept. 1898 and provide for additions and alterations to the Secretariat Office buildings at Ootacamund.

The proposed alterations and additions have been fully detailed in the report accompanying the estimate.

The proposal of the E E to carry a new partition wall between the proposed A.G. clerks room and the basement on a compound girder 21½" weighing 144 lbs per foot, appears objectionable as one end of the compound girder will then rest on the haunch of an archway of 9 feet span. It would therefore be well to shift the new partition a little further to south so that it may be built on an existing wall in the basement

Thus

no shelves, no places for keeping ready to hand files & letters except big boxes which must be filled up & locked every evening.

Submitted for favour of consideration.

It seems that it would not be difficult to construct a room to the West of the size room adjoining the Council Hall in room. It could be fitted up with shelves and almirahs suitable for the S.B. office. A.S.B. could continue to sit in the Council Hall in room. This arrangement is perhaps the least expensive.

H.
2-12-98.

From S.E.C. No 438 of 12 Aug 98

SUPG. ENGINEER W. No 29 NOV. 98 Encls FOURTH CIR.

For orders.

As, owing to defective foundations, the walls of the clerks' offices will not bear an upper story, the required accommodation must be provided otherwise. The site to the west of the flagstaff might perhaps be built on, the flagstaff being moved to the front of the Council Chamber where it would be a more conspicuous object. In its present position it is scarcely visible to the public.

The following items to be dealt with in a Budget for.

Main building

(1). Retiring room for Secretaries.

(2). Enlargement of S.E.'s Clerks' room.

Clerks' offices

(3). Provision for the Irrigation office in the manner

O.S.S.17
10.2.17.S.S

Public Works Department.

Current No. 10617
Letter No 634 W
Dated 6th December 1898
From the Supdg Engineer W Circle.

Note by Technical Section.

Name of work Secretariat office building on Stone tower hill. Ootacamund.
Amount of Estimate Rs 17,700

The plans and estimates under review have been framed with reference to this office memo No. 1002 dated 29th Sept. 1898 and provide for additions and alterations to the Secretariat Office buildings at Ootacamund.

The proposed alterations and additions have been fully detailed in the report accompanying the estimate.

The proposal of the E.E. to carry a new partition wall between the proposed A.S.B. clerks room and the passage on a compound girder 21½" 12" weighing 144 lbs per foot, appears the preferable as one end of the compound girder will then rest on the haunch of an archway of 9 feet span. It would therefore be well to shift this new partition a little further to the south so that it may be built on an existing wall in the basement

Hon

no shelves, no places for keeping ready to hand files & letters except big boxes which must be filled up & locked every evening.

Submitted for favour of consideration.

It seems that it would be difficult to construct a room to the West of the six room adjoining the Council Office room. It could be fitted up with shelves and almirahs suitable for the S.B. Office. A.S.B. could continue to sit in the Council Office room. This arrangement is perhaps the least expensive.

H.
2-9-98.

Suggested in margin of 5th July 98. Flag C.

Detached.

(4). Rooms for Local & Mun. Audit Dept. viz for 1 Assistant & 3 or 4 Clerks.

(5). One general Number Room.

(6) One Office room for European Clerks.

Note:
Clerks' rooms to be reached for records.

K.S.
16-Aug 98

W

For orders
A.C.H
17.8.98.

Remarks Sheet 22-8-98

I asked Lahiri in the plan of the main the & for plan can to have been prepared by Mr Bragg for improving the clear face. I must see there before I can decide this.

W
18/8/98

Urgent

To

Send with draft E.W note embodying alterations noted below & do something with matter above to W
A.C.H
3-1-99.

W

For approval to alterations proposed. Lanchester must be consulted by wire to S.S to collect materials, a note being added in telegram that compound girder to support partition wall is not necessary.

A.C.H
3.1.99.

P. W. 60.
250—5-9-98.

Yes

Public Works Department.

Current No. 10217
Letter No 634 W
Dated 6th December 1898
From the Supdg Engineer W Circle.

NOTE BY TECHNICAL SECTION.

Name of work Secretariat office building on Strand Road with Outacamund. Amount of Estimate Rs 17,700.

The plans and estimates under review have been framed with reference to this office memo No. 1002 dated 29th Sept. 1898 and provide for additions and alterations to the Secretariat Office buildings at Outacamund.

The proposed alterations and additions have been fully detailed in the report accompanying the estimate.

The proposal of the E.E to carry a new partition wall between the proposed P.W.D clerks room and the passage on a compound girder 21½" x 12" weighing 144 lbs per foot appears objectionable as one end of the compound girder will then rest on a header of an archway of 9 feet span. It would therefore be well to shift this new partition a little further to the south so that it may be built on an existing wall in the basement

thus

no shelves, no places for keeping ready to hand files & letters except big boxes which must be filled up & locked every evening.

Submitted for favour of consideration.

It seems that it would not be difficult to construct a room to the West of the size room adjoining the Council Hall in room. It could be fitted up with shelves and almirahs suitable for the S.B. Office. A.S.B. could continue to sit in the Council Hall in room. This arrangement is perhaps the least expensive.

[illegible]
2-9-98.

CHIEF SECRETARY
-2 SEP 1898
GOVERNMENT OF MADRAS

Public

No. 1878, dt. 3-9-98

With the above D.O.W.

Consider this when making out the details of the additions & the sanitary buildings.

3/9/98.

To D.W. a.o.

urgent

Public Works Department.

Current No. 10217
Letter No 634 W
Dated 6th December 1898
From the Supdg Engineer IV Circle.

To

Send draft E.W. note, embodying alterations noted below, & D.O. sanctioning estimate, direct to W

A.H.
2-1-99.

W

For approval to alterations proposed. Sanction must be conveyed by wire to S.B. to collect materials, a note being added in telegram that compound girder partition to support partition wall is not necessary.

A.H.
3.1.99.

NOTE BY TECHNICAL SECTION.

Name of work Secretariat office building on Stone terrace with. Extn. Amount of Estimate Rs 17,700

The plans and estimate under review have been framed with reference to this office memo No. 1002 dated 29th Sept. 1898 and provide additions and alterations to the Secretariat Office buildings at Extn.

The proposed alterations and additions have been fully detailed in the report accompanying the estimate.

The proposal of the E.E. to erect a new partition wall between the proposed P.W.D. clerks room and the passage on a compound girder 21½ x 12" weighing 144 lbs per foot, appears objectionable as one end of the compound girder will then rest on the haunch of an archway of 9 feet span. It would therefore be well to shift this new partition a little further to the south so that it may be built on an existing wall in the basement

thus

DW

Yes

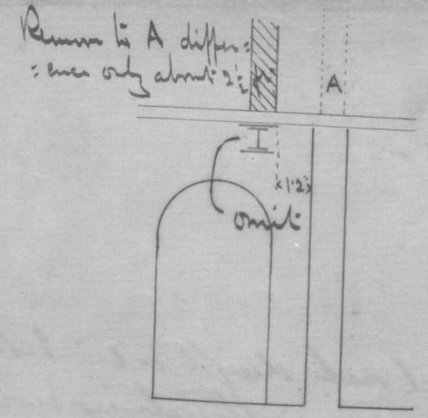
[P. W. 60.
250—5-9-98.]

floor and the girder above among with the weight that the enformed girder has to carry is calculated at 47 Tons against 38 Tons as per E E's calculations, vide pencil alterations on the calculation sheet attached to the estimates. The difference in weight is due to the omission of the upper terrace and the live load on the first floor. The section proposed viz $21\frac{1}{2}$"x12" weighing 144 lbs with the two weak in section $21\frac{1}{2}$"x18" weighing 260 lbs would be required vide Govt. Insp. Engs. section page 94. This will increase the estimate by £500.

The alteration proposed by the Govt recommends viz removing the existing terrace roof and retaining the same to the level of the P. W. D. clerks room floor and building an upper verandah does not appear to be safe as it will be observed from the elevation & section that the face of the verandah carrying the roof is glazed & fitted to wooden posts. These wooden posts are now made to carry a masonry wall 6 ft. high and an upper verandah, it would therefore be well to substitute masonry square pillars for the wooden ones.

The section of the transmission carrying the masonry wall, viz, 5½"x8" is weak and may be increased to 10"x6".

~~The area of the existing P.W.D.~~




Yes

Yes

The area of the existing P.W.D. clerks room on the basement floor is (16'0"x27'8") 442 sq ft and C de W's room (16'0"x10'6") 168 sq ft or a total area of 610 sq ft. It is proposed to locate this office in the upper floor by building a hall measuring 44'0"x31'6" having a floor area of 1386 sq ft. this area is almost twice the existing accommodation on the lower floor & as Govt has no room for himself it is submitted that Govt's existing room, marked A A on upper floor plan may be retained without having the northern wall removed the remaining portion of the wall, as shown on the alternative plan, now submitted be allotted to the P.W.D clerks. This will still give a larger area than their existing room on the ground floor, viz from 442 sq ft to (28½x31) 883½ sq ft.

There is at present only one main stair case to this building & as it is now proposed to locate the clerks in the upper floor it is submitted that a separate stair case in rear may be constructed by connecting the covered passage from the detached building to the rear that access to the [illegible]

It is submitted that the alternative proposed by Inwood be cheaper and more suitable, than the Executive Engineers proposal. It is impossible for a drafting officer to do his work unless he is shut off from the noises of a general office room.

R.S.
2 Jan 99.

Agreed

This seems very desirable.

The present arrangement under which the main staircase is used by office servants, &c. as well as by high officials is inconvenient and the inconvenience will be greater if a Clerks' room is placed upstairs.

C.S. - Include a separate staircase.

[illegible] 10.0"

Public Works Department.

Current No. 1992

Letter No 3838

Dated 6th March 1899

From the Consulting Architect to Govt

Note by Technical Section.

Name of work Secretariat buildings at Potacamund.

Amount of Estimate Rs 1766

Under orders and instructions from the Secretariat Department the Consulting Architect to Govt submits revised plans and estimate for alterations and improvements to the Secretariat buildings at Ootacamund.

The alterations proposed by the Consulting Architect are almost similar to the original design submitted by the S E W Circle, except that no upper floor is now provided over the eastern portion of the Revenue Dept. block owing to the necessity for avoiding the addition of more high walls to the lower rooms, and the alterations at the north & south wings are excluded to the west, about 6/- feet further.

The alterations & improvements consist of extending the rear portions of the north & south wings of the

The plans should be sent at once with Mr Rice note to C. S. Reid and L. H. Middleton

Draft order sanctioning the estimate. An entry may be added below to explain the history of the estimate & suggest that it would be desirable that K should take over entry and CAWS works & prisons as his - the U.S. should [illegible] Secretary's Office

C.O Sanctioning estimate might be sent at once to Hrs. & countersignature of the Chief Engr & Rev & L. SS Secretaries obtained to plans.

2. You will see from the papers in the file that the original design submitted by S E W was defective in important particulars. Mr de Winton with, I think, H.E's permission - thought [illegible] case I see any record in the file - arranged with C. A what alterations should be made in the plans, & ordered C. A to start work & submit revised design. Instructions should be stated in sending up draft G.O to Govt

A C K 10-2-99

Allow for glazed windows & mark them on plans.

It is thought that part of the proposed upper storey will rest on walls forming the original building - and there is a tradition that these walls are of mud & stone. They may thus not be sufficiently strong to bear the extra weight. Enquiry on this point might be made.

Attention is invited to the S. E's telegraphic reminder

Received today

The case of [illegible] 2 Jan 98

Add a brief summary to the effect in E.O note, but Mr Smith says wall are sound.

A C K

2-1-99.

A.1-59.

[illegible]

[illegible] 250-5-9-98.

the main building 6½ feet further to the west; and for building an upper floor over the Revenue clerks' room & verandah, telephone and P. W. D. Chief Asst's. existing room as shown coloured on the tracing plan.

The accommodation now proposed is as follows:

(a) Extension to the telephone room on the ground floor to the north and west. The enlarged room thus formed on the west of the passage will be allotted to the Special Dept. and that on the east of the passage to the telephone clerk. Also to build an upper room with adjoining rooms for the Under Secretary P. W. D.

(b) Extension of the room on the lower floor hitherto occupied by the Chief Asst. P. W. D. 6½ feet further west and to build an upper floor over it in continuation of the room occupied by the Joint Secretary, Railway branch. The lower room thus intended to be allotted to the C. & Tr. Dept. clerks and the upper room newly formed to the Under Secretary, Railway branch.

(c) Improving the western portion of the Revenue Dept. clerks room & passage by removing the doorways and entablature masonry pillars instead, and to build an upper room over this portion of the building for the P. W. D. clerks and Chief Asst.

Two expanded wooden steel cases to be fitted in the north & south portions of the Rev. Dept. clerks room in order to lead to the Chief Asst. and Rev. D. clerks rooms on the upper floor.

No alterations have been made to the detached building this portion of the building will be as per improvement is proposed by the Executive Engineer at a cost of Rs 3600.

The foundations for the extension to the main building will be 4 ft. in depth the lower one foot will be laid in concrete and the upper 3 feet brick in black in mortar in footings.

The basement will be same 4 feet below in keeping with the existing building the outer face walls will be built in black cement with brick in lime mortar finished with the superstructure & the inner, built with country bricks in mortar. The floor of the basement & upper rooms will be boarded with 1¼" teak planks laid over joists to complete.

The roof of the centre block over the portion P. W. D. clerks room will be of corrugated iron

wire & triangular tiles laid on
timber of the q. q. asphalt. The
roof of the side wings, with the
& centre will be of triangular
tiles laid on tank. carpen &
covered with ¾" tank planks
this roof will be covered on
completion.

The drainage on the eastern
portion of the Sec. Hospl. clerks
quarters will be diverted by putting
in drain pipes through the
outer building outside.

The estimate cannot be examined
with the Divisional schedule
as carriage of materials are
not known. a few of the items
have entered are taken Schedule
rates less carriage.

The plans submitted are not
sufficient in details to examine
either estimate carefully, only an
elevation is submitted & that
even without dimensions. The
estimate however has been ex-
amined with C.A's office copy
of plans.

The countersignation of the plans
& estimate by the Chief Secretary
is necessary as well as the other
Secretaries of the Government

Flag ✓

10.3.55

The altered design sub-
mitted has been prepared
after reference to the Chief
& Sec. & 2 & III Secretary
to Govt. in a D.O. to C.A. The Chief Engr
has quite recently made
further suggestions, which
the C.A should carry out
as far as possible.

2. The alterations
are now in an advanc-
ed stage of progress, &
the building will be ready
for occupation by the time
Govt. goes to the Hills.

3. The accommodation
of the P.W. Secretariat
did be re-arranged, as
recommended by me in
the file within, since
while it is essential
that C.A-G shall have
proper accommodation, there
is no reason why A-G
shd have a separate room-
a thing which has never

Note by Chief Engineer P.W.D.

On a reference made
by the Chief Secretary in July
last, regarding the necessity
for providing additional
accommodation in the
Secretariat offices, Stone
House Hill, ootacamund,
investigations were set
on foot regarding the
requirements of other
Departments, and the best
means of satisfying them.
The requirements are shown
in the statement attached
to office note No 1002 D, dated
29th September 1898 (~~Flag~~ I)
After consultation with the
Secretaries of the other
Departments concerned, the
Chief Engineer issued the
instructions contained in
the above mentioned office
note, for the preparation
of plans and estimates.
These were received in

December

December last from the Supdg. Engineer IV circle, with his letter No 634 W dated 6th December, 1898, land the design for additions and alterations to the main building was found defective in important particulars, & it was handed over to the Consulting Architect by Mr. de Winton with oral instructions for revision. A revised plan and estimate have now been received from the Consulting Architect, and they provide for the following accommodation:—

Main building

Northern wing

(a) Extension of the telephone rooms on the ground floor to the north and west, the enlarged room thus formed on the west of the passage being allotted to the Spl. Branch of the Chief Secretariat, and the room on the east of the passage to the telephone

68

erection of an upper story with retiring rooms over the rooms proposed to be allotted to the Special Branch and the Telephone clerk for the use of the Under Secretary P. W. D.

Southern wing

(b) Extension of the room hitherto occupied by the Chief Assistant P. W. D. to the west and erection of an upper floor over it, in continuation of the room occupied by the Joint Secretary P. W. D. Railway Branch, the lower room thus extended being allotted to the clerks of the Local and Municipal Department, in addition to the room hitherto occupied by the P. W. D. clerks, and the upper room newly formed, to the Under Secretary Railway Branch.

Central Block

(c) Improving the western portion of the room occupied by the clerks of the Revenue Department, and building an upper story over it for the use of the clerks of the P. W. D.; a portion of the upper room thus formed being allotted to the Chief

Assistant

Assistant P.W.D.

(d) Provision of two wooden staircases, on the north and the south of the Revenue Department clerks' room, so that the present main staircase may not be used by the clerks and servants of the P.W.D.

Detached Building

(e) Addition of a room to the north of the existing library, of the same size as the latter, to be used as a library, the existing library being altered into 2 rooms, one for use as a tiffin room for European and Eurasian clerks, and the other as a lumber room.

(f) Alterations and enlargement of the room hitherto in the occupation of the clerks of the Local and Municipal Dept, so as to form one large room for the records and the clerks of the Joint Secretary, Irrigation Branch

78

Sent to the Chief Secretary in compliance with his requisition by telephone

Branch, the room hitherto occupied by the clerks of the Irrigation and the Railway Branches being exclusively reserved for the latter branch.

2. The above additions and alterations will be seen on referring to the plans ~~drawings~~ designed by Rao & Ayya and have been approved ~~by~~ by the Consltg. Architect, after reference to the Chief Secretary and the Secretaries in the Revenue and the Local and Municipal Departments.

3. The original estimate of Rs 17,700 submitted by the Supdtg. Engineer has been reduced by the Consulting Architect to Rs 17,660, and the latter estimate is recommended for sanction.

4. In G.O. No. 376 W, dated 6th February 1899, the Consltg. Architect was authorised to proceed with the improvements in anticipation of sanction to the revised estimate, and these are now

now in an advanced stage of progress. The building will it is stated by the Consulting Architect, be ready for occupation by the time the Government goes to the Hills.

5. The accommodation proposed for the P.W. Secretariat requires rearrangement. The room provided for the Chief Assistant P.W.D. is too small. He is at present at headquarters for the whole season, and conducts the whole correspondence connected with the Public Works and Marine Departments under the supervision of the Secretary. He is also Secretary to the Sanitary Board. For the efficient and prompt discharge of his duties in both capacities, he requires to have at hand a large reference library, portfolios of plans, stock files, Acts of the Legislature



Legislature and many papers containing rulings of general importance. Unless his room contains ample space for the methodical and orderly arrangement of these various sources of information, confusion, delay, and probably mistakes are likely to occur in the disposal of the work of the Public Works and Marine Departments of the Government, and the numerous questions laid before the Sanitary Board. Under the proposed arrangement, the under Secretary P.W.D. has to pass through the rooms allotted to the Chief Assistant and the P.W.D. clerks, in order to get to the Secretary's room, which is most inconvenient. The building is too far advanced to make any special alterations in the construction

and

and everything necessary can be done by rearrangement of the proposed accommodation.

The Railway under Secretary is mainly an inspecting and ~~is therefore~~ ground Secretary officer ~~and is therefore one of very great help to Govt~~, and has not hitherto been provided with a separate room. ~~This~~ No separate provision for his accommodation ~~has been made~~ is necessary any more than for the accommodation of the under Secretary Irrigation Branch. The following rearrangement of accommodation is, after careful consideration, therefore proposed as likely to better meet the interests of all concerned

(a) The room marked on the plan for the joint Secretary, Railway, to be allotted to the 2 under Secretaries P.W.D. and Irrigation, the former Under to bring evidence at the bill for 5 months.

(b) The room marked for the under Secretary, Railway Branch, to be given to the Chief Assistant P.W.D.

(c) The

(c) The room marked for the Under Secretary P.W.D. and that marked C.A. W's room to be made over to the joint Secretary, Railway Branch, to be utilised as he may desire

6. The above arrangement will not curtail, but will considerably increase the accommodation, which the joint Secretary Railway Branch has hitherto had, the area of the proposed room with the retiring room, being 675 sq. ft against the existing area of 481 sq. feet. His under Secretary will also be close to him. The advantage for the P.W. Secretariat generally will be that its Chief Assistant will have sufficient accommodation and the 3 P.W. Secretaries will have their assistants within easy reach of them.

A.C.K
11.2.99.

11/3/99
E.W.

Maj P.T.O.

It is understood ~~from the Corp~~ that the Chief Eng has recently made a further report, in a D.O letter to the C. A, for slight alterations in the design. The matter is now being attended to by the C.A.

ACH
11.7.99.

So and Public Works Dept

This objection has been met.

Public Dept

The Chief Secretary has been in correspondence with the Consulting Architect in regard to certain changes as regards the retiring rooms in the upper floor of the main building of Stone House, in order to make these rooms accessible to sweepers and watermen without their using the main staircase. Provided these alterations are carried out he will not at this stage offer any objection to the proposed alterations in the main building, but ~~it seems necessary to point out that~~ ~~he is to use this opportunity of objecting~~ ~~to the~~ much [illegible] must be carried out in accordance with the procedure under which alterations in the Secretariat building have, as in this case, been actually put in hand without his being first consulted.

~~The Chief Secretary has had another surprise in~~ From the papers now forwarded for counter-initials, ~~for he finds~~ it appears that the Secretariat Library is to be shifted and alterations made in the detached building of which he has had no previous notice. Had the Chief Secretary been aware that such extensive additions were to be made to the Secretariat buildings at Stonehouse ~~he would have suggested that his office should share in the additional accommodation to be obtained~~. The Chief Secretary cannot at present agree to the conversion of the present Library into a Lumber room and a Tiffin room for

the

East Indian and European clerks, as he is of opinion that the Number room should be distinct from the office building. He is prepared to agree, however to the remainder of the proposals in the present file only on the understanding that the distribution of the accommodation marked A in the plan flagged A is deferred until the offices move up to Ootacamund. The Chief Secretary considers that with the extensions now being carried out his office, which by no means has too much space, is entitled to further accommodation.

This can be settled after the move to Ootacamund

cmb 15/5/28

Hy. Urgent

Mr. de Winton has left it on record that the various Secretaries were consulted by him before orders were given for alterations to be carried out. When the design came in, it was found defective & had to be materially altered by the P. A. Meanwhile, as time was passing by, the work was ordered to be started; the P. A was instructed to get the approval of Secretaries to the structural alterations he considered advisable; & his design when received, was circulated. Will L & M please note & final disposal can then be made?

AHK 22.5.28

Seen. S.G.H. 24/5

Revenue Department

P.W. draft order of 11-3-28 received for countersignature.

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To the Under Secretary

In the P.W. draft order forwarded for countersignature in the Rev. Dept. it is proposed to sanction an Estimate for Rs 17,660 for additions and alterations to the Secretariat offices on the Stone House Hill, Ootacamund. The only alterations which concerns the Rev. Dept ~~~~ is

(a) the improvement of the western portions of the room occupied by the clerks of the Rev Dept and building an upper storey over it for the use of the clerks of the P. Wds.

The improvement consists in knocking down the western wall of the clerks' room and extending it so as to include the verandah to the west.

a portion of this verandah i.e. the northern

end

end of it is to be converted into a retiring room (in addition to the one now existing) apparently for the use of all officers (Rev Secy, Rev Under Secy, Asst. Secy and Officer Special branch and also asstts, while the Southern portion of the same verandah will be added to the passage to be opened to facilitate going about the building without exposure to rain for whom no provision is made for separate retiring rooms near their office rooms

At present there are temp: rooms erected at both ends of the verandah by means of screens with folding doors. The room at the northern end is used by the Circ: clerk of the Rev: Dept for working and for keeping the Circ: boxes and registers while the one at the southern end is used by the Rev Dept. Munshi for keeping Stationery articles newspapers &c. The proposed improvements will do away with these rooms and have the additional disadvantage of having a "retiring room" (Separated from the Rev verandah by a only screen apparently) very near the Rev: Sect: office and in the place of the Circ: Clerks' rooms.

It may also be mentioned here that the new staircase by means of the removal of some of the almirahs in which Rev: records and Stationery are now kept would curtail the space allotted to this office.

It is submitted therefore that it will be a great convenience

(1) if the retiring room at the end of the Revenue verandah could be shifted to some other place

(2) if two additional rooms could be constructed for the Circ: Clerk and Munshi

It is submitted that though with some difficulty it may be found possible to accommodate the Circ: Clerk in the main room, the Munshi cannot be so accommodated

20:3:99 It is submitted that a new

proposed additional retiring room on the ground floor may be converted into a room for the R.D muchi lay

RS
1-3-99

Retiring room" is apparently a euphemism for "water closet". If so I submit we dont want open "retiring rooms" at the place proposed and the space may be utilised for the R.D. Statimeny Stationery also Allenton is also invited to the C.S.'s protest against these allocations being put into hand of the R.D without first consulting the Spec Depts.

lle
21/2/98

It would be an intolerable nuisance so far as I can see: but a properly constructed "retiring room" is much wanted for the Offices of the Dept. which be provided (muchis) room

SS

Accommodation for the Secretariat offices at Ottacamund.

Local and Municipal Dept.

A.S.
Col. Ward the Secretary
Asst. Commr.

W 1
29 3 99

Note for the Secretary.

In his note of the 8th July 1898 flagged X the Secretary recorded the following opinion regarding the accommodation required for the Local and Municipal establishment in the Secretariat offices on Stonehouse Hill:-

"If my establishment is turned out of the rooms they are now occupying, they will require

1 room for an Assistant
1 " " 3 or 4 clerks and
1 lumber room for record boxes & records

The clerks' rooms should have record racks."

Please see the note at Flag A. where the view that the Dept. should go as well accepted when the question of Hill allowance arose.

ale
27/3/99.

Provided already

From the plan flagged W however it will be seen that only two rooms have been allotted to this Department instead of three as required by the Secretary. The larger of the two rooms will be sufficient for accommodation of the clerks, of whom six are going up to Ooty this year and the smaller one will be utilized for keeping record and circulation boxes, stationery, records

We must get on somehow. It is too late for alterations now

W 1
29 399

and lamps. Accommodation has to be found for the Second Assistant and an additional room will therefor be required.

The estimate provides for only one record rack for this Department 8 feet long 1½ feet broad and 11 feet high. At least two more will be necessary.

V.R.
27/3/99

"Special" Public Works DEPARTMENT. 4

READ the following:—

Office Note to the Exe: Engr:, Coimbatore Dn:, No: 1002 d/29/3/99

From the Supdg: Engineer IV Circle No: 608 W d/23 Novr: 1898

From ——— do ——— do ——— No: 634 W d/6 Decr: 1898

Telegram from the Supdg Engineer IV circle dy 2nd January 1899 No 4 W dated 3rd January 1899

From the Consg: Architect to Govt: No: 3838 d/6 March 99

Note by the Chief Engineer, P.W. Dept:, d/11-3-99

Circulated to His Excellency the Governor

ORDER. No: 967 W d/6-4-99.

The estimate, amounting to Rs: 17,660, as altered by the Consg. Architect, for additions and alterations to the Secretariat offices on Stonehouse Hill, Ootacammund, is sanctioned.

2. The re-arrangement of accommodation proposed in para 5 of the Chief Engr's: note read above is approved.

3. A sum of Rs: 9,500 has been allotted to the work in the current official year, and the balance of the estimate will be provided in the final issue of the Provincial Civil Works Budget for 1899-1900.

4. The conversion of the existing library in the detached building into

4. The sanction accorded

in para 1 has been registered as Provincial No: 2 W. of 1899-1900 1898-99 and classified as Civil buildings, Original Works.

AdR
11.3.99.

Cmt 1
11/3/99
W

Maj

Note:- The estimate is reviewed in the accompanying technical note, and the Chief Engineer's note read above.

AdR
11.3.99.

Cmt 1
11/3/99

Maj

W

FFRS
14/3/99

W
14.3.99

into 2 rooms, referred to in para 1(a) of the Chief Engineer's note should be held in abeyance until after the move of Govt. to the Hills, when a decision will be arrived at.

5. Of the two retiring rooms, adjacent to the Revenue Dept clerks' room, on the lower floor of the main building, the southern one will be allotted for the use of that Dept.

6. Two additional record racks should be provided for the Local & Municipal Dept clerks' room.

AdR
29.3.99.

Cmt
29/3/99

Maj

Note. The above additions to the draft order have been made with reference to the remarks in the other Secretariats.

To The S.E. IV Circle
" C.A. to Govt: with 7 encls: 1/4/99
" Exar: P.W. Accts:.
" C.E. for Irrign:.
" C.E. for Rys:.
" Public Dept:.
" Revenue —"—
" L & Mi —"—

A
M S'tSE

1992 Very Urgent

P.W. DEPARTMENT.

READ the following:—

Office note to the Executive Engineer Coimbatore Dr No 1 to 28 dy 29th Septr 1898.
From the Superintending Engineer IV circle No 608W dy 23rd November 1898
From the Superintending Engineer IV circle No 634W dy 6th December 1898
From the Ch. A. to Govt. No: 3838 dy 6 March 1899
Note by the Chief Engineer P.W.D dy

Circulated to (1) His Excellency the Governor.
(2) The Hon'ble Mr A. Arundel C.S.I
(3) The Hon'ble Mr H. Winterbotham

ORDER.

The estimate, amounting to Rs 17.700, for additions and alterations to the Secretariat Office buildings on Stonehouse Hill, Coimbatore, is sanctioned subject to the remarks of the Chief Engineer in his note read above to which the attention of the Suptg Engineer is drawn.

2 An allotment of Rs 17.700 is made for the work, and the Suptg Engineer will arrange to complete it before the move of Government to the Hills in April next.

3. This sanction has been registered as Provincial No W of 1898-99 and classified as Civil buildings, Original Works.

AdR
4.1.99.

Maj W

Note. The estimate is reviewed in the accompanying technical note and the Chief Engr...

To The S.E. IV circle with encls
.. Exar: P.W. Accts
.. C.E. for Irrigation
.. C.E. for Railways
.. Public Dept
.. Land Rs Dept

P. W. 4
[1,000—14-11-98.]

note read above.

A&R
4-1-99.

Maj

W

Dw.

The accompanying draft note has to be sent to the Chief and the L^t Gr. Secretaries for counter-initials and this will entail delay.

As soon as W returns the file approving of the proposals made in the Chief Engineer's note, a telegram will be issued authorising the S.E. to collect materials and informing him that compound girder to support partition wall is unnecessary.

May 14/99

W

In early order S & W has to-day reported that he has ordered the girders in anticipation of sanction. The compound girder can, as stated in the note, be omitted, & S & might be so informed by wire, & authorised to collect materials before approval of estimate by other Depts & by Govt. Albeit, I still

Note by E-W

On a reference made by the Chief Eng in July last, regarding the necessity for additional accomodation in the Secretarial Offices, Store-house Hill, Valetta, and the obligations were at present in force regarding the best means of providing the same, & the possibility of an upper storey on other portions of the main building. the necessity of repairing plans, showing the upper & lower floors of the existing building, caused delay. In Sept. 1898, a further reference was made by the Chief Engineer regarding the provision of the accommodation for the Judicial Branch of the Secretariat, & in the same month the final arrangement for the alterations of the building were approved by the Chief Engineer & plans & estimates were called for. From the Engineering Secretary's Office, for the following additions &

note read above.

A.C.K
4-1-99.

Maj

W.

he only just possible to
get the building ready
by the time Govt go to
the Hills

A.C.K
4-1-99.

Note by E-in-C

On a reference made by the Chief Secy in July last, regarding the necessity for additional accomodation in the Secretariat Offices, Store house Hill, Dalhousie, investigations were at once set on foot regarding the best means of doing so. & the possibility of erecting one storey over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay. In Sept. 1898, a further requisition was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangements for the alterations of the building were approved by the Chief Engr. and plans & estimates were called for. from the Executive Engineers Dalhousie, for the following additions

note read above.

A.K
4-1-99.

May

Dhe This matter has not been carefully (1) a note to Lord Dunraven stating the additions which have been asked for. the location of the different offices and the clear sheets in the plans.

(2) Time of the items of the estimate are unintelligible. What is meant by 3/4" Venice flooring in lieu of 2" planing & tongued & grooved flooring? the latter floors should be of wood. many wood planks being used of Memorable Seasoned

(3) I refer to the letter I recommended. which

Note by E-W

On a reference made by the Chief Secy in July last, regarding the necessity for additional accommodation in the Secretarial Offices, Store house &c, Dolacamenon, in Westgate, were set in foot regarding the best means of doing so. & the possibility of enclosing an open space over portion of the main building. the necessity of preparing plans, showing the offices & lower floors of the existing building, caused delay. In Sept. 1898, a further requisition was made by the Chief Secretary regarding the provision of extra accommodation for the Official Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Engr. and plans & estimates were called for. from the Engineering contractors for the following additions

note read above.

A.S.K
4-1-99.

Maj

W

[illegible] Secretary [illegible]
[illegible] Estab
by C.S. [illegible]
[illegible] Treasury. Consum
- cation must [illegible] like
two rooms. [illegible]
Central Lounge.
Other alterations
Please [illegible]
approved.
this Also very urgent.

C.S. has already
applied for [illegible]
collection of [illegible]
wire to them to stop
the compound order

C.I.-C.S.

Wire at once 98 IV
before ordering of compound
Order & A.S.K
Remind us 11-1-99.
Write again

Note by C-in-C

On a reference made by the Chief Secy in July last, regarding the necessity for additional accomodation in the Secretarial Offices, Store house Hill, & placement, investigations were at once set on foot regarding the best means of doing so, & the possibility of constructing an office storey over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay, in Sept. 1898, a further reference was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangements for the alterations of the building were approved by the Chief Engr, and plans & estimates were called for, from the Executive Engr Contractors, for the following additions [illegible]

note read above

A.S.K
4-1-99.

May

W

W

It is difficult to find out what has been done from the Plan, as reference is made to plans not now available in this office. So far as is possible, a note has been drawn up showing by whom alterations were asked for &c.

2. In the plans has been clearly defined the existing & proposed accomodation thus rendering detailed explanation unnecessary.

3. The composite floors proposed by Messrs Dunlop were doubtless to deaden the noise of Clerks walking with their heavy boots.

4. I have added paragraph regarding alteration of roofing & provision of more light, & have consulted C.A. on the matter. The plank ceiling may well be substituted for the proposed terrace, the latter being useless for any purpose & difficult to keep

Note by E-W

On a reference made by the Chief Eng. in July last, regarding the necessity for additional accomodation in the Secretarial Offices, Store house Hill, & placement, investigations were set on foot regarding the best means of doing so, & the possibility of constructing an addition over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay, in Sept. 1898, a further requisition was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Eng. and plans & estimates were called for, from the Executive Engineer Coimbatore, for the following

note read above.

A.K
4-1-99.

Maj

through common or the Hills. Unless leakage can be passed off, the terrace is no good in the event of the covey[illegible] coming roof leaking.

S. Easter Day is on 2nd April, & the work can hardly be finished before that date unless great exertions are made. It does not seem advisable to attempt too much.

A.K
12-1-99.

Note by E-C

On a reference made by the Chief Eng in July last, regarding the necessity for additional accomodation in the Secretarial Offices, Horse Guards Hill, Volunteer Department, investigations were at once set on foot regarding ~~the best means of~~ doing so, & the possibility of constructing an additional storey over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay, in Sept. 1898, a further requisition was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Eng, and plans & estimates were called for from the Engineers [illegible] certain Contractors, for the following additions [illegible]

note read above.

A.C.K
4-1-99.

May

D.W.

According to the latest plan of office accommodation at Ottacamund I see that the room assigned to me is very limited in dimensions. It is so small in fact that there is scarcely room for a fire place or a retiring screen - both of which are essential, considering the climate and the long hours I am frequently obliged to sit in the office.

Speaking generally, a small room is, with certain objectionable per se in Ottacamund, but the nature of my work is such that I require to be surrounded with a multiplicity of books of reference, portfolios of plans, stock files of papers, Legislative Enactments, H. M. Ad Madras, Statistics

Note by E-W

On a reference made by the Chief Engr in July last, regarding the necessity for additional accomodation in the Secretariat Offices, Stone house Hill, Ootacamund, investigations were set on foot regarding ~~the best means of~~ doing so, & the possibility of constructing an office over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay, in Sept. 1898, a further explanation was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangements for the alterations of the building were approved by the Chief Engr. and plans & estimates were called for, from the Executive Engineer, for the following additions

note read above.

A.R.K
4-1-99.

Maj

W

W

It is difficult to find out what has been done from the file, as reference is made to plans not now available in the office. So far as is possible, a note has been drawn up showing by what alterations were asked for &c.

2. No plans have been clearly defined in red the existing & proposed accomodation, thus rendering detailed explanation unnecessary.

3. The composite floors proposed by Messrs Boulton would doubtless deaden the noise of Clerks walking with their heavy boots.

4. I have added figures regarding alteration of roofing & provision of more light, & have marked C.A. on the margin. The plank ceiling may well be substituted for the proposed terrace, the latter being useless for any purpose & difficult to keep

Note by E-C

On a reference made by the Chief Eng in July last, regarding the necessity for additional accomodation in the Secretarial Offices, Store house Hill, Co[illegible] investigations were at once set on foot regarding the best means of doing so, & the possibility of continuing one storey over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay, in Sept. 1898, a further requisition was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Eng. and plans & estimates were called for, from the Engineer Contractors, for the following additions [illegible]

note read above.

A.S.K
4-1-99.

Maj

D.W.

According to the Polish plan of office accommodation at Ottacamund I see that the room assigned to me is very limited in dimensions. It is so small in fact that there is scarcely room for a fire place or a retiring screen - both of which are essential, considering the climate and the long hours I am frequently obliged to spend in the office.

Speaking generally, a small room is not always objectionable per se in Ottacamund, but the nature of my work is such that I require to be surrounded with a multiplicity of books of reference, portfolios of plans, stock files of papers, Legislative Enactments, &c. &c. At Madras, Calcutta

Note by S-W

On a reference made by the Chief Engr in July last, regarding the necessity for additional accomodation in the Secretariat Offices, Store house Hill, Ootacamund, investigations were set on foot regarding the best means of doing so, & the possibility of erecting one storey over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay, in Sept. 1898, a further requisition was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangements for the alterations of the building were approved by the Chief Engr. and plans & estimates were called for, from the Executive Engineers concerned, for the follow-

note read above.

A.K
4-1-99.

Maj W

four tables, three racks or stands, a confidential Almirah & a bookcase. besides wall space for hanging maps &c. &c.
The latter can equally well be done away with to the Secretary. but if I am put out of a room where the space is inadequate. I shall have to relegate my library and other personal reference to the Clerks Dept. of the office, to the serious detriment of public business.

I know there have been great difficulties to overcome in the distribution of accommodation, and I know we wish to add to those difficulties, but it is not perhaps wise from a public point of view to crowd out the Chief Assistants of the Secretariat.

C.A.W
You can see R.S.
is too small 2 J. Mar 99
[illegible]

Note by E.W

On a reference made by the Chief Secy in July last, regarding the necessity for additional accommodation in the Secretariat Offices, Stanhope House Hill, & Octacamund, & investigations were set on foot regarding ~~the best means of~~ doing so, & the possibility of constructing one storey over portion of the main building. The necessity of preparing plans, during the absence & lower floors of the existing building, caused delay. In Sept. 1898, a further reference was made by the Chief Secretary regarding the provision of extra accommodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Engr. and plans & estimates were called for from the Executive Engr. Coimbatore, for the following additions

note read above.

A.S.K
4-1-99.

Maj W

D.W.

According to the latest plan of office accommodation I saw that the room assigned to me is very limited in dimensions. It is so small in fact that there is scarcely room for a fire place or a returning screen - both of which are essential, considering the climate and the long hours I am frequently obliged to put in at office.

Speaking generally, a small room is, unless objectionable per se in accommodation, but the nature of my work is such that I require to be surrounded with a multiplicity of books of reference, portfolios of plans, stock files of papers, legislative enactments, &c. &c. &c. At Madras, Calcutta

Note by E-W

On a reference made by the Chief Eng in July last, regarding the necessity for additional accomodation in the Secretarial Offices, Store house Hill, Colaba, and investigations were set on foot regarding the best means of doing so, & the possibility of erecting an upper storey on other portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay, & in Sept. 1898, a further application was made by the Chief Secretary regarding the provision of extra accomodation for the Secretarial Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Eng. and plans & estimates were called for, from the Executive Engineers for the following additions

note read above.

A.C.K
4-1-99.

Maj

Note re accomodation in Secretariat Offy.

C.A.G. states that the accomodation proposed for him is too small, & lay-out. He is at Offy for 6 months, & conducts the whole P.W. Secretariat (besides the work of Ex. Sanitary & Local Branches), & must have ample space for his reference books, &c

2. The building is too far advanced to make alterations in the plans, & anything necessary can be done by re-arrangement of existing accomodation.

3. There is no reason at all why Ks Under Secy shd have a separate room of large size. He is mainly an inspecting officer, & is out of Offy in Madras as much as he can, whereas both the W and I

Note by E-W

On a reference made by the Chief Secy in July last, regarding the necessity for additional accomodation in the Secretariat Offices, Stone House Hill, & placement, investigations were set on foot regarding the best means of doing so, & the possibility of constructing an upper storey over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay. In Sept., 1898, a further reference was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Secy, and plans & estimates were called for from the Executive Engineer, Coimbatore, for the following additions

note read alone.

A.S.K
4-1-99.

Maj W

Secretaries have objection for other departments. Ks Under Secy has better too never had a room at all & there is no room at all why he shd have a separate room any more than I's Under Secy.

4. The re-arrangement I suppose is (a) Rooms marked for K to be given to D-W & D-I conformity. (b) Rooms marked for Under Secy, Railways, to be given to C.A-G (c) Rooms marked for Under Secy P.W.D, as also room marked for C.A-G, to be given to K

This is a better arrangement, & W & K will not then be a days march from their Under Secys.

A.S.K
7-2-99.

Note by S-W

On a reference made by the Chief Secy in July last, regarding the necessity for additional accomodation in the Secretariat Offices, Store House Hill, Dolacamund, investigations were set on foot regarding ~~the best means of~~ doing so. & the possibility of constructing over portion of the main building. the necessity of preparing plans, showing the ~~upper~~ & lower floors of the existing building, caused delay. In Sept. 1898, a further requisition was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Engr. and plans & estimates were called for, from the Executive Engr Coimbatore, for the following in addition

note read above.

A.C.K
4-1-99.

Maj W

D.W.

Many thanks for the proposed amendment. There is however one more point. It is not mentioned that I am also Secretary to the Sanitary Board, and for this work the Department must have sufficient work for a separate office, which is allowed me. In this department I have large portfolios of plans as well as loose plans constantly about, for which space is needed.

R.S.
7 May 99

C.A.W
I have inserted remarks accordingly in original draft A.C.K
7.5.99.

Note by E.W

On a reference made by the Chief Secy in July last, regarding the necessity for additional accomodation in the Secretarial Offices, Store House Hill, Col. Cameron, and Lieutenants were set to work regarding ~~the best means~~ doing so. & the possibility of erecting one other storey on other portions of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay. In Sept. 1898, a further reference was made by the Chief Secretary regarding the provision of extra accomodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Engr and plans & estimates were called for, from the Engineers Consultors, for the following in addition

note read above.

A.R
4-1-99.

May

Note by E-W

On a reference made by the Chief Engr in July last regarding the necessity for additional accomodation in the Secretarial Offices, Store house Hill, Valetta, and investigations were set on foot regarding the best means of doing so, & the possibility of constructing an office storey over portion of the main building. The necessity of preparing plans, showing the upper & lower floors of the existing building, caused delay. In Sept. 1898, a further reference was made by the Chief Secretary regarding the provision of extra accomodation for the Clerical Branch of the Secretariat, and in the same month the final arrangements for the alterations of the building were determined by the Chief Engr. and plans & estimates were called for: from the Engineering Contractors, for the following

note read above.

A.R
4-1-99.

May

W

the requirements of the Department, and the best means of satisfying them. There enclosed is the last which is to be found attached to May J. the memo: of May J. after consultation with the Secretary of the other Depts. concerned, the Chief Engineer issued the instructions contained in the above mentioned memo: in the preparation of plans & estimates. These have now been received, a

Note by E-W

On a reference made by the Chief Secy in July last, regarding the necessity for providing additional accommodation in the Secretariat Offices, Store house Hill, & placement, investigations were set on foot regarding the best means of doing so, & the possibility of constructing an office storey over portion of the main building. The necessity of preparing plans, showing the offices & lower floors of the existing building, caused delay. In Sept., 1898, a further representation was made by the Chief Secretary regarding the provision of extra accommodation for the Special Branch of the Secretariat, and in the same month the final arrangement for the alterations of the building were approved by the Chief Engr. and plans & estimates were called for, from the Executive Engineer, for the following

additions and alterations

Main building.

(1) Extension of telephone room on lower floor to the north. the enlarged room, thus formed, on the West of the passage to be allotted to the Special Branch; & that, on the East of the passage, to the telephone clerks.

2) Extension of the Western pair of upstairs in a westerly direction. & formation of a new room ~~for~~ upstairs for the P.W.D. & Under Secretary; construction of a new room upstairs, built over the Key. Clerks' room, for the Clerks of the P.W.D.; alteration of Chief Secretary's bathroom upstairs into a passage; & allotting of P.W.D. Under Secretary's room & bathroom to Chief Asst. P.W.D.

3). Raising of roof of room on lower floor, hitherto occupied by Chief Asst. P.W.D. to the same height as the room of the Joint Secretary Railway Branch, & formation new room for the Railway

The additions & alterations, that indeed, have been skilfully modified since the estimates were submitted, and, as now submitted for the sanction of Govt, are as follows:—

and Irrigation under Secy.

Detached building.

(4) Addition of a room to the north of the Library, of the same size as the latter, to be used as a library, the existing library to be altered into two rooms, one of which to be used as a Typists room for European & Eurasian Clerks. & the other as a tiffin room and enlargement.

(5) Alteration of rooms, now in the occupation of the 2 & 4th Deptt. so as to form one suitable room for the Office of the Chief Engr. for Irrigation.

(6) Provision of punkahs, similar to those in the present Library, to all rooms allotted for Clerks' Offices.

II. The above alterations and additions will be seen on referring to the plans, as also the provision of the existing & proposed arrangements for the various branches of the Secretariat

III. The estimate, amounting to Rs 17,700, submitted by the Exe Engr Circle, for the above alterations & additions is recommended for the sanction of Govt

with the following remarks

V. The effect of adding an upper story over the rooms of the Normal Clerks in the main building will be to deprive that room of much of the light it now obtains. The only remedy for this is to bring down light from the roof, and this can be done by an alteration of the roof over the new upper room, & by inserting glass in both roof & floor. The terrace roof shd be omitted in favour of a planked ceiling, roof, and in the corrugated iron roof above should be inserted, in lieu of 2 sheets of corrugated iron, ½" cast cathedral glass, vertically above the positions marked BB in new upstairs room of P.W.D Clerks. Sheets of glass of similar size shd be inserted in the planked ceiling immediately beneath, and pavement lights of such glass shd be placed at BB in the floor of the P.W.D Clerks room.

VI. The pitch of the corrugated iron roof is quite insufficient, i.e. less than 10°. Very careful work will be required in order to prevent leakage and drawing in of rain thro the corrugated iron roof. As the catchment of roof drainage is large, the slope of the gutter shd be at least ¾" for every 10' from head of catchment; and as the gutter has to turn a right angle at two places, it is advisable to have a copper riveted drain at one place.

VI. There is no reference to the concrete flooring of terrace and planking proposed. All upper floors shd be of wood, mango wood planking being used, if obtainable in a seasoned condition. To obviate the noise made by

VII. The upper rear verandah proposed is not necessary, and shd be omitted.

VIII. The proposal to carry a partition wall between the P.W.D Clerks room & the passage, on a compound girder, 21" × ½" + 12", weighing 144 lbs per foot run, is objectionable as one end of the girder

will rest on the haunch of the arch. As the small additional space thereby gained for the P.W.D. Clerks' room is not worth considering, the partition wall shd be shifted 2½' to the south, so that it may be built over a wall on the basement floor.

IX. When Clerks are located on the upper floor, inconvenience will be caused if the main staircase only is available for Officers, Clerks, peons, servants, &c. A separate wooden staircase shd be constructed outside in rear of the main building; or, if this cannot be done without undue interference with the lighting of the windows, an inside iron spiral staircase might be provided in the passage of the main building about the position marked A.A.

X. The proposal to demolish the existing room of the Under Secretary, P.W.D. & to build a large room, 44+31½ for the P.W.D. Clerks, is not approved. The Under Secretary's room shd be retained as at present, & the Chief Accounts Officer's room

taut, P.W.D., must as shown in red letters on the plan.

XI. Glazed ventilators, as marked on rear elevation, shd be provided on the west rear face of the P.W.D. Clerks' room, in order to admit of as much light as possible entering the room.

XII. It seems doubtful whether the alterations & additions can be fully completed before pool goes to the hills, and it is advisable to refer to this & to telegraph on the point. If the work cannot be completed, it is recommended that work on the main building be deferred until harness, materials only being collected before, and that actual execution be confined until April next, to the alterations & additions to the detached building.

A.H.

12-6-99.

read the notes
w the Chief and the
Clerenmw Secretariato
The papers have to be
sent to the Local and
Municipal Deptto

Maj
..
23/3/99

A.L desires for
the alterations in the
main building has only
recently been received from
C.A. and was sent in
circulation on 15th inst.

2. With regard to
the alterations to the
Out-buildings, the
persons shd be looked thro'
to see whether Mrs de Win-
ton did not consult the
C.E. before ordering them.

3. The file shd mean-
while be circulated to L & H
Deptt

A.R
22.3.99.