

Public Works (1898) Department.

G.O., No. 1673

DATED 5 July 98

[Despatch Abstract.]

Govt. Girls' School at Namakkal. Estimate of  
Rs 4800 for constructing a new building for the  
— in the Salem D. H., sanctioned with remarks



Estimate of Rs. 4,800 for constructing a new building for the — in the Salem district, sanctioned with remarks.



## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following papers:—

G.O., No. 122, Educational, dated 25th February 1898.

Read—the following papers:—

From the Director of Public Instruction, Madras, dated 9th June 1897, No. 6111.

With reference to G.O., No. 875, Educational, dated 15th November 1895, I have the honour to submit, for sanction and transmission to the Public Works Department, the enclosed plan with estimate, amounting to Rs. 4,800, for the construction of a new school house for the Government Girls' school, Námakkal, in the Salem district. The building has been designed similar to the one erected at Dharmapuri and will accommodate 150 pupils.

2. In the preliminary issue of the Provincial Civil Works Budget for 1897-98, this work has been included under class B works. As the Inspectress of Girls' Schools, Western Circle, reports that the school has long been suffering from poor and insufficient accommodation, I request that this work may be transferred to class A works if as possible.

From the same officer, dated 8th February 1898, No. 1203.

Order—No. 122, Educational, dated 25th February 1898.

The plan and estimate are approved and will be transferred to the Public Works Department.

(True Extract.)

(Signed) H. TREMENHEERE,  
Ag. Secy. to Government.

From the Superintending Engineer, IV Circle, dated 12th April 1898, No. 201/W.  
IV  
" Director of Public Instruction, dated 12th May 1898, No. 5578.

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

As soft rock is said to occur at depths varying from  $2\frac{1}{2}'$  to  $4\frac{1}{4}'$ , there seems no necessity for excavating foundations to a depth of 5 feet. The rock should be benched out, and equality of pressure secured by allowing in foundations one foot of brick in chunam, with concrete below taken down to the level of the rock. The average total depth of foundations is thus  $3' 4\frac{1}{2}"$ , and the estimate has been altered accordingly.

2. Provision has also been made in this office for a ridge ventilator along the whole length of the building—an essential addition for schools in the plains.

(Signed) W. B. DEWINTON,  
Chief Engineer.

29th June 1898.

ORDER—No. 1673 W., dated 5th July 1898.

The estimate, amounting to Rs. 4,800, for constructing a new building for the Government Girls' school at Námakkal in the Salem district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 31 W. of 1898-99, and classified as Civil Buildings—Original Works.

3. Attention is drawn to the note by the Chief Engineer.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle, with seven enclosures.  
" Examiner, Public Works Accounts.  
" Educational Department.



Again G.O., dated

Again G.O., dated

189 , No.

| Print  | Current No. | 1930 | of 1898, dated 25 <sup>th</sup> February 1898 from the Educational Dept.  |
|--------|-------------|------|---------------------------------------------------------------------------|
| Date { | "           | 3276 | " 1898, " 12 <sup>th</sup> April 1898, " The Y.E. IV circle No 201/W.     |
|        | "           | 4014 | " 1898, " 2 <sup>nd</sup> May 1898, " The S.E. IV circle No 250W          |
|        | "           | 4231 | " 1898. " 12 <sup>th</sup> May 1898. " The Director of Public Instruction |

note by two school exp. No 5578

ORDER.

No 1673 W 25.7.98.

## ORDER

The estimate, amounting to Rs 4,800, for constructing a new building for the Government Girls' school at Ramakal in the Salem District is sanctioned <sup>for execution when</sup> ~~and the amount is~~ funds are available ~~appropriated from the Provincial reserve.~~

2 This sanction has been re-  
gistered as Provincial No 31 W of 1898-99  
and classified as Civil Buildings, Original  
Works.

3. Attention is drawn to the  
by the Chief Insp.  
Ack  
P.K.S. 24.6.98. W

P.K.S  
'A-R'  
24.6.88.  
W  
29

The estimate is enclosed in  
the accompanying technical  
note

W. H. Hall

29-6-86

20 The P. E. IV circle with 7 angles

- Escrow P. W. Assets
- Educational Dept



Note by the Chief Engineer, P.W.D.

sl

As soft rock is said to occur at depths varying from  $2\frac{1}{2}'$  to  $4\frac{1}{2}'$ , there seems no necessity for excavating foundations to a depth of 5 feet. The rock should be <sup>benched</sup> brushed out, and equality of pressure secured by allowing in foundations 1 foot of brick in chunam, with concrete below taken down to the level of the rock. The average <sup>total</sup> depth of foundations is thus  $3'-4\frac{1}{2}"$ , and the estimate has been altered accordingly.

sum.  
A.H.

2. Provision has also been made in this office for a ridge ventilator along the whole length of the building—an essential addition for schools in the plains.

A.P.R.  
27.6.98

W. H. S.  
29.6.98



# Public Works (1898) Department.

CURRENT No. 4231

From

The Director of  
Public Instruction  
Madras.

No. 5578

Order

Order 4014 &  
4231

17-24  
18-5-98

For use of  
revenue, with  
ref to no 1934C  
of 29.3.98

Ans,  
Submitted  
the  
2.6.98

Cs  
17.5.98

Dated 12.5.98  
Received }  
Registered } 14.5.98  
Enclosures 3 (1 plan)  
Spare copies .

## SUBJECT.

Government Girls' School  
at Namakkal: Forwarding  
the site plan for the —



BACK PAPERS.

| No.    | Date.    |
|--------|----------|
| 2311 C | 28-6-98  |
| 1934 C | 29-3-98  |
| 3067 W | 4-11-97  |
| 2562 W | 16-9-97  |
| 3356 C | 28-7-97  |
| 3086 C | 6-7-97   |
| 1441 W | 28-5-97  |
| 3004 W | 25-11-98 |
| 263 W  | 30-1-94  |

FURTHER PAPERS.

OFFICE OF THE DIRECTOR OF  
PUBLIC INSTRUCTION,  
Madras, 12 <sup>8</sup> May 189

No. 5578

From

THE HONORABLE MR. D. DUNCAN, M.A., D.SC., LL.D.,

DIRECTOR OF PUBLIC INSTRUCTION,

*Madras,*

To

The Deputy Chief Engineering  
Public Works Department.

SIR,

In returning your endorsement, No. 2311, c.  
dated 28<sup>th</sup> ultimo, I have the honor to forward herewith  
the site plan for the Government Girls' school, at  
Nanua Kal.

I have the honor to be  
Sir  
Yours most obedient servant  
J. D. [unclear]  
Director of Public Instruction



7.

The Deputy Chief Engineer  
Public Works Deptt.



Forwarding the site plan for the  
Govt. Girls' school, Kammakal.

2095  
Public Works (1898) Department.

CURRENT No. 4014

Order

From The Supp. Engineer  
4<sup>th</sup> Circle

No. 250  
W

Dated 2<sup>nd</sup> May, 1898

Received }  
Registered } 6-5-98

Enclosures # 6 (1 plan)

Spare copies ✓

Amount received of Rs 1500  
from D.P.L. 1500  
2311 C 7 28-4-98 -  
Remission of Rs  
in a few days.

Reply sent 11-5-98

O.L.S. 16/ 27/6

SUBJECT.

Government Girls' School  
at Kammakal.

Submits Estimate of Rs 14,800 for  
constg. a new — with explan-  
-nation from the Ex. Engg. & Salem  
Dn for dismantling the existing  
building.



BACK PAPERS.

FURTHER PAPERS.

FURTHER PAPERS.

| No.    | Date.    |
|--------|----------|
| 2311 C | 28-4-98  |
| 1934 C | 29-3-98  |
| 3067 W | 4-11-97  |
| 2562 W | 16-9-97  |
| 3356 C | 28-7-97  |
| 3086 C | 6-7-97   |
| 1441 W | 28-5-97  |
| 3004 W | 25-11-95 |
| 263 W  | 30-1-94  |

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

Incl: 4.

1. Estimate.
1. Report.
1. Data sheet.
1. Tracing.

Letter from G. B. Lambert, Esq.,  
Executive Engineer, Salem Division,  
to the Superintending Engineer, IV  
Circle, dated Salem 28 April 1898  
No. 169 S.E.

With reference to your Memo  
No. 97 dated 12 Instant. I have the  
honor to return the estimate and  
to explain that the reason for  
dismantling the existing building  
is that, if it is allowed to stand,  
the Compound is too small to  
admit of the construction of the  
new building.

2. The existing building is  
composed of two detached rooms  
built opposite to each other with a  
passage 6 feet wide between. one  
room, measuring  $37\frac{1}{2}$  ft  $\times$   $9\frac{1}{2}$  ft, is  
Kutcha built with mud walls and  
thatched roof, and the other, measuring  
 $37\frac{1}{2}$  ft  $\times$   $10\frac{1}{2}$  ft, is built of brick masonry  
with tiled roof, but the walls are  
reported



reported to be low and weak.

N<sup>o</sup> 250  
W

Copy submitted to the  
Chief Engineer Public Works Depart-  
ment in continuation of this  
office letter N<sup>o</sup> 201 dated 12 April  
1898.

Encl. 4.

1. Estimate
1. Report.
1. Data sheet.
1. Tracing.

Supt. Engineer in circle

Camp Cotacamund  
N<sup>o</sup> 2949  
2<sup>nd</sup> May, 1898

note by the Chief Eng.

As <sup>soft</sup> rock is said to occur  
at depths varying from  
 $2\frac{1}{2}'$  to  $4\frac{1}{2}'$ , there seems  
no necessity for excavating  
foundations to a depth  
of 5 ft. The rock should  
be braced with, and  
equality of pressure ac-  
cused by allowing in founda-  
tions 1 ft. of brick in  
chambers, with concrete  
below taken down to  
the level of the rock. The  
average total depth of  
foundations is thus  $3'4\frac{1}{2}"$   
& the estimate has been  
altered accordingly.

2. Provision has also  
been made in this office  
for a ridge ventilator  
along the whole length of  
the building - an essential  
addition for school in the  
Mains A. H.

24.6.96.

Public Works Department.

Current No. 4231

Letter No. 5578

Dated 12 May 1898

From the Director of Public Instruction

NOTE BY TECHNICAL SECTION.

Name of work Construction of Govt. Girls'  
School at Nannakat, Salem Dist.

In reference to this office  
Memo N<sup>o</sup> 1934 e dated 29 March  
1898, the S.E. W. Circle reports that  
the nature of the surface and sub-  
soil was noted on the site plan  
& that this plan together with the  
estimate &c. were forwarded to  
Govt. for sanction, through the  
Director of Public Instruction.  
He also submits copy of a letter  
from the F. E. Salem Dist. explaining  
the reason for dismantling the ex-  
isting building.

The site plan has been obtained  
from the Director of Public Instruc-  
tion which shows the surface  
soil to be from  $2\frac{1}{2}'$  to  $4\frac{1}{2}'$  feet in  
depth & below which soft rock  
consequently a depth of 5 feet  
for the foundations is provided  
in the estimate. This depth is



is submitted appears the rather heavy for walls only 12' high & may consequently be reduced to 4 feet by which a saving of about Rs 160 could be effected.

In regard to the demolition of the existing buildings, the EE reports that the compound is too small to admit of the construction of the proposed building consequently the existing buildings, which consist of a detached room with a passage behind it which was of Kutcha construction, have to be dismantled.

The foundations are all situated, soft rock occurring from 2 1/2 to 4 1/2' below surface level, whereas foundations 5 ft deep have been allowed. A total depth of 2 1/2 ft for foundations, built in chunam and 2 1/2 ft concrete, would appear the sufficient for walls only 12' high.

7  
I have altered estimate accordingly  
ACK  
16-6-98.

Plan & estimate have been revised as ordered. The area & depth of foundations now provided is 3' 4 1/2" as previously instructed instead of 3' 6" as first ordered. A ridge ventilator has been allowed along the whole length of the roof, as ordered by W. The amount of the estimate stands unaltered by the above alterations & additions.

foundations may be reduced as proposed. A ridge ventilator shall be added along the whole length of the building. This being in view of the ruin of schools in the plains. I have

S.A.W.  
I send this file down as the estimate will require alteration in accordance with the orders.  
16.6.98

RR No 6562 of 98.

# Public Works (1898) Department.

CURRENT No. 5276

No 2311C dated 28th April 1898  
Order



From The Supp. Engineer  
H. C. Circle

No. 201  
W.

dated 25th February 1898, to the Director of Public Instruction with the request that the site plan may be furnished, if available.

Dated 12th April 1898  
Received  
Registered  
Enclosures  
Spare copies

As Requested.  
Dr. Chief Engineer

## SUBJECT.

Govt Girls' School at Kamakal.

Requesting to obtain from the Director of Public Instruction the site plan for the

0.25.48



BACK PAPERS.

| No.   | Date.    |
|-------|----------|
| 1934C | 29-3-98  |
| 3067W | 4-11-97  |
| 2562W | 16-9-97  |
| 1441W | 28-5-97  |
| 3356C | 28-7-97  |
| 3086C | 6-7-97   |
| 3004W | 25-11-95 |
| 263W  | 30-1-94  |

FURTHER PAPERS.

*N<sup>o</sup> 201*  
*W*

Sum

Superintending Engineer's Office  
Camp Potacamund.  
12<sup>th</sup> April 1898

A. H. Garrett Esq  
Superintending Engineer 4<sup>th</sup> Article

So

The Chief Engineer  
P. W. Department  
Madras

See

With reference to your Memo:  
N<sup>o</sup> 1934. C. dated 29<sup>th</sup> March 1898,  
I have the honor to inform you that the  
nature of surface and sub soil was  
noted on the site plan, for the Govern-  
ment Girls' School at Namakal, sent  
to the Director of Public Instruction, with  
this office N<sup>o</sup> 182. M. dated 8<sup>th</sup> April 1897.  
I received

As the Site plan was not received with your Memo: under reference, I request you will be good enough to obtain it from the Director of Public Instruction. If this business will be asked

The Executive Engineer will be asked to explain the necessity for dismantling the existing building, and his reply will be communicated to you when received.

I have the honor to be &c &c

Admired.

Superintendent of Eng. & A. Corps

CR 2<sup>4</sup>/<sub>98</sub>



Public Works Department.

Current No. 1930

Letter No. 122

Dated 25 Feb 1898

From the Educational Dept.

TECHNICAL NOTE.

Name of Work Constructing a new school house for the girls school at Ramakul

Amount of Estimate, Rs. 4800.

PARTICULARS OF ESTIMATE.

Main Building School house Rs. 4470

Subsidiary Buildings latrine 300

Contingencies 3% (Rs 135)

Petty Supervision 3% (Rs 135)

Land Compensation 0.81 cents 30

Total Rupees 4800.

PARTICULARS OF CONSTRUCTION.

Surface soil } not mentioned  
Sub-soil }

Foundations will be laid to a depth of 5 feet. The lower 3 feet will be of concrete & the upper 2 feet built of brick in chunam.

Basement will be raised 2 ft & built of brick in chunam.

Walls will be raised 12 feet & built of brick in chunam with archwork over windows.

W.  
The nature of the soil not being mentioned the necessity for foundations 5 feet deep is not apparent.

The SE corner, I think, be asked to report the nature of surface soil & sub-soil and

to explain the necessity for designing the existing building.

Cd No 2598

B25.3-98

0451/1231/58



Plastering or Pointing <sup>the interior & exterior</sup> <sup>surface of walls with</sup> <sup>be plastered with coats</sup> <sup>of chunam mortar</sup>

Flooring <sup>of the rooms will be of 2 1/2" cement</sup> <sup>concrete laid over 3/4" of ordinary concrete</sup> <sup>& that of the verandah 6" ordinary</sup> <sup>concrete & plastered over</sup>

Roofing <sup>will be of flat & pan tiles laid over</sup> <sup>teak rafters, rafters to be supported on</sup> <sup>timbers spaced 9 feet apart.</sup>

Doors and Windows <sup>will be of teakwood as</sup> <sup>described in the estimate & painted</sup> <sup>with 3 coats of Sidhanti paint.</sup>

Roof timbers <sup>will be of teakwood throughout</sup> <sup>except common rafters which will be of profumed</sup>

Scantlings <sup>are correct</sup>

Rates <sup>are fair, vide data lists submitted</sup>

The plinth area of the main building is 2227 square feet, and the cost per square foot will be Rs. 2.0.1.

The plans and estimates have been countersigned by the Director of Public Instruction and approved in the Educational Dep.

REMARKS.

The plan & estimate under review, amounting to Rs. 4800, have been framed with reference to G.O. No. 3004 W dated 25.12.1895 and provide for constructing a new school house for the Govt. Girls School at Gramakal in the Salem Dist. The building is stated to be designed, similar to the one erected at Wharam. It is to accommodate 150 pupils at 5 1/2 rupees per pupil. The school house will consist of a central hall measuring 39' x 16' and two rooms 18' x 16' each, one on either side of the hall & with a verandah 8 ft. wide in front. There will be two rooms in the verandah each 8'6" x 6'6" at ends to be used as store & kitchen rooms.

Perriss

Provision has been made for an open latrine with 12 seats & a dry earth bin. It will measure 28'6" long & 14'10" wide.

In the report accompanying the estimate, it is mentioned that the building will be constructed on the site of the present building for which a lump sum of Rs. 50 is provided in the estimate for demolition.

The site plan accompanying this estimate lists a lump sum of Rs. 30 for acquiring 81 cents of land to the north of the compound is provided for.

The necessity for dismantling the existing building is not mentioned.

Ho

23.3.98

*[Faint, mostly illegible handwritten notes in the bottom right corner.]*



P. W. Dept.

N<sup>o</sup> 1934C of 29-3-98

Memo

In returning the estimate of Rs 4,800 for constructing a new building for the Government Girls' School at Namakal in the Salem District, the undersigned has the honour to request that the Suptg Engrs will be so good as to report the nature of surface and sub soil and to explain the necessity for dismantling the existing building

*[Signature]*  
W. J. G.  
E. W.

Min

C. W. S.  
28/3/98

T. B. P. M.  
y.

The S. E. IV arch with plan and estimates (6) returned.

1/4/98

P. W. 1/3

INDEXED  
2/4/98



Public Works (1898) Department.

CURRENT No. 1930

From The Educational Dept.

Order

No. 122

Dated 25.2.98

Received } 2.3.98  
Registered }

Enclosures 6 (1 blank)

Spare copies .

SUBJECT.

New School house for the Govt.  
Girls' School, Nannakal, Salem Dist.  
Approving and transferring the  
plan and estimate for the  
construction of a ———.

*For forwarding  
from  
5/3/98  
Dm*

*my*



BACK PAPERS.

FURTHER PAPERS.

[  $\frac{G.}{63}$  ]  
2,000-5-1-98.

Educational Department.



PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following papers—

From the Director of Public Instruction, Madras,  
No. 6111, dated 9th June 1897:-

B.N. 3004 w 25.11.95

With reference to G.O.No. 375, Educational, dated 15th November 1895, I have the honour to submit for sanction and transmission to the Public Works Department the enclosed plan with estimate amounting to Rs. 4800 for the construction of a new schoolhouse for the Government Girls' school, Namakal, in the Salem District. The building has been designed similar to the one erected at Dharmapuri and will accommodate 150 pupils.

2. In the preliminary issue of the Provincial Civil Works Budget for 1897-98 this work has been included under class B works. As the Inspectress of Girls' schools, Western Circle, reports that the school has long been suffering from poor and insufficient accommodation, I request that this work may be transferred to class A works if practicable, and the necessary funds may be provided for commencing the work as soon as possible.

From the same officer, No. 1203, dated 8th February  
1898.

O R D E R:-No.122, dated 25th February 1898.

The plan and estimate are approved and will be

transferred



transferred to the Public Works Department.

(True Extract)

*A. Edgington*

for Secretary to Govt.

*C.S.  
28.2.98*

To the Public Works Department. (with plan & estimate)

., Director of Public Instruction.

*P.S.  
25.2.98*