

- (1) பக்கங்களின் எண்ணிக்கை 28
 (2) புதுக்கித் திருப்பிய நாள் 1/82
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 81

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(51)

P. M. M. துறை

அரசாணை எண். 2198 அச்சகம்
 மு. கோப்புத் தாள் எண். பலவகை

நாள் : 9 - 8 - 1892 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

1/4 Sheet
 = TR

ஆவண, கா-1-18,006-15-6-87.

2198
1

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From A. G. CARDEW, Esq., M.A., C.S., Acting Inspector-General of Jails,
to the Chief Secretary to Government, dated Ootacamund, 24th June 1892,
No. 2981.

Upon the receipt of G.O., dated 21st April 1892, No. 759, regarding the extension of the Párvatipur Hill Jail, I addressed the Superintending Engineer, I Circle, requesting him to separate the plans and estimates relating to the three works approved in para. 4 of the Government order in order that they might be submitted at once for the sanction of Government, it being unlikely that the whole of the works proposed in the estimates forwarded with Colonel McDonald Smith's No. 181, dated 25th May 1891, could be executed, or funds for them all allotted, within the current year. The Superintending Engineer has accordingly furnished separate estimates amounting to Rs. 13,300 and plans for the three works noted in the margin, and I have the honour to submit them for the approval and sanction of Government.

- (1) Construction of a new office over the main gate.
- (2) Doubling the length of the 4 barracks.
- (3) Construction of a verandah to each barrack.

2. In view of the unhealthy character of the Párvatipur Jail during recent years and the large amount of overcrowding which has necessarily occurred there,

I venture to recommend that the execution of these estimates be regarded as an urgent work, for which an appropriation from the Provincial Public Works reserve may be made. If, as seems probable and as the Government has held, the high rate of mortality in the jails, has been connected with the insufficient accommodation, the case appears to be one in which special allotment of funds is fully justified.

3. As regards the other works proposed to be carried out in the jail, as to which the Government has called for additional information, a further report will be submitted as soon as I have visited Párvatipur, which I propose to do next month.

No. 1172, Judicial.

The estimates are approved and transferred to the Public Works Department.

(By Order.)

(Signed) A. BUTTERWORTH,
Ag. Under-Secretary.

4th July 1892.

Note by the Chief Engineer, Public Works Department.

Instead of supporting the verandah roof partly on wall purlins carried by support pillars and partly on wall plates let into the wall, a wall purlin should be employed for the whole length of the verandah carried on stone corbels let into the wall (*vide* sketch with G.O., No. 3120 W., dated 19th November 1891).

2. The support pillars will not then be necessary, and the verandah pillars may then be spaced equidistantly. The floor of the proposed office is designed to be carried in teakwood girders and joists, and an end of one of the girders comes just over the large archway. This is an unsafe position, and the span being only 12' the roof may well be supported on joists alone of section 3" X 7" spaced 15" apart from centre to centre. No provision has been made in the estimate for new joists across the 9' passage.

3. The trusses are spaced 12' 2" apart, it will be advisable to slightly increase the section of tie beam and principal rafters to 4" X 6" and 4" X 5½" respectively. The purlins should also be increased to a section 6½" square.

4. Details of the stairs are not understood, but there is apparently no necessity for a masonry pillar if newels are used.

5. No foot-note has been made in accordance with para. 937 of the Code.

6. Estimate is submitted for sanction.

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

26th July 1892.

ORDER—dated 9th August 1892, No. 2198 W., Public Works.

The estimate, amounting to Rs. 13,300, for certain additions and alterations to the Hill Jail at Párvatipur in the Vizagapatam district is sanctioned.

2. The question of providing funds will be considered in the Financial Department.

3. The sanction accorded in para. 1 of these proceedings has been registered as Provincial No. 39 W. of 1892-93 and classified as Civil Buildings, Original Works.

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

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle, with copy of G.O. No. 3120 W.,
dated 19th November 1891.

" Judicial Department, with six enclosures.
" Financial " 6 copies

Exd. C. M. Brisson.
Spare Copies

2198
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated August, 9th.

Recd.

Encl.

G.O., 9th Aug. 1892, No. 2198 W.

AUGUST.

Hill Jail at Parvatipur

Estimate of Rs. 13,300 for certain additions and alterations to the — in the Vizagapatam district, sanctioned with remarks.

No. 2981.

Ootacamund
OFFICE OF THE INSPECTOR-GENERAL OF JAILS,

Dated 24th June 1892.

2198

2713

From

A. G. Cardew Esquire M.A. C.S.

Acting INSPECTOR-GENERAL OF JAILS,

To

THE Honorable J. J. Price

CHIEF SECRETARY TO GOVERNMENT.

SIR,

Enclosures 5.

Upon the receipt of G.O. 759 regarding the construction of the new Hill Jail, I addressed the Superintending Engineer, 1st Circle, requesting him to separate the Plans and Estimates relating to the three works approved in paragraph 4 of the G.O. in order that they might be submitted at once for the sanction of Government, it being unlikely that the whole of the works proposed in the estimates forwarded with Colonel McDonald Smith's No. 181, dated 25 May 1891 could be executed, or funds for them all allotted, within the current year. The Superintending Engineer has accordingly

accordingly furnished separate estimates amounting to Rs 13,800 and plans for the three works noted in the margin, and I have the honor to submit them for the approval and sanction of Government.

- (1) Construction of a new Office over the Main Gate.
- (2) Doubling the length of the 4 barracks
- (3) Construction of a verandah to each barracks.

In view of the unhealthy character of Parvatipur Tail during recent years large amount of overcrowding necessarily occurred there, I would that the execution of these estimates be regarded as an urgent work, for which an appropriation from the Provincial Public Works reserves may be made. If, as seems probable and as the Government has held, the high rate of mortality in the Tails, has been connected with the insufficient accommodation, the case appears to be one in which special allotment of funds is fully justified.

3. As regards the other works proposed to be carried out in the Tail, as to which the Government has called for additional information

2. Re-
information, a further report will be submitted as soon as I have visited Parvatipur, which I propose to do next month.

2/198
4

I have the honor to be,
Sir,
Your most obedient Servant
A. G. Gordon
Ag. Inspector General of Tails

The support pillars will not then be necessary, and the verandah pillars may then be spaced equidistantly. The floor of the proposed

timber in lean wood
girders and joists, and
an end of one of the
girders comes just over
the large archway. This
is an unsafe position
and the span being
only 12' the roof may
well be supported on
joists alone of section
3" x 7" spaced 15" apart
from centre to centre.

No provision has been
made in the estimate
for new joists across the
9' passage.

The trusses are
spaced 12' 2" apart,
it will be advisable
to slightly increase
the section of the beam
and principal rafters
to 4" x 6" and 4" x 5½"
respectively. The purlins
should also be increased
to a section 6½" square.

Details of the stairs
are

Note

Hon'ble Member's remark dated 30th July on the
draft order on C. No. 6927.

2. 198
6

2. 198
6

II Para 2 is based
on Mr. Willock's proposal
to take over all important
works in the Agency tracts
and place them under
the Mysore Estate Engineer
for execution, vide para 4
of Mr. Willock's letter no.
191 of 25th February 1892
printed with G.O. 1565 W
of 23rd May 1892 - and
Parvatipur seems to be
included in Agency limits.

Not at all

1/11
3 aug

2. As, however, it would
appear from a recent
communication from the
Suptg. Engineer that the
services of Mr. French are
not likely to be available
for employment as Estab.
Engineer till Novem

Parvatipur Jail can be
carried out by the
P.W. Dept. if an allotment
of funds is made for the
work before that date.

W
1/1/92

20

W

1

1
This unmarked 30.00.92

¹⁹⁸
Mr. Willock's proposals,
approved in H.O. 804, Jnd.
of 27 April 92, embraced
all the Agency tracts
and Parvatipur. Items
to be included in those
tracts - vide the Appendix
to H.O. 2309 of 7 Nov. 91
Jnd.

RS

1/1/92

Gen. W. Willock
visited the Estate
Engineer to carry
out any important
works in the line
agency tract, the
Jaspore estate being
credited with a
commission for
such work, & being
assisted in

defraying the
expense of his
estate Engineer, Mr.
French —

As however Mr.
French is not to be
entertained as estate
Eng^r till after the
completion of the
Karamdy bridge, &
Mr. L.S. considers it
with not be completed
till November (vide
the disposal of him now
the improvements which
shall should be carried
out by the R.R. if an
abatement is made
before November.

over

1. D. E.

S 2-5

on - by Mr.

2198
Instead of supporting
the Verandah roof
partly on weak piers
carried by support
piers, and partly
on weak plates let
into the wall, a weak
pier should be
employed for the
whole length of the
Verandah carried
on stone columns
let into the wall
(vide sketch with
S.D. 20 3120 hr of 19' Nov 1891.)
The support piers
with not then be
necessary, and
the Verandah piers
may then be
spaced equidistantly.

proposed office
is designed like
lumber in that wood
bricks & joists, and
an end of one of the
bricks comes just
over the large arch.
This is an unsafe
position, and the
space being only
12' the roof may
not be supported
on joist above of
section 3" x 4" spaced
15" apart from center
to center - no provision
has been made in
the estimate for new
joist across the
9' passage -

The truss are
spaced 12' x 2" apart
it will be advisable

slightly increase
the section of tie beam
I printed Sept. 2, 1908
to 4" x 6" & 4" x 5" 9
respectively - the
posts should also
be increased to a
section 6" x 6" square.

Details of the stairs
are not understood
but there is apparently
no necessity for a masonry
pillar if newels are
used -

No post note has been
made in accordance
with para 917 of the
code -

Set is submitted
for sanction.

Very
27.7.08

L. 207

are not unanswerable, but
there is apparently no
necessity for a masonry
pillar if uprights are
used.

2198
10

No foot note has
been made in accordance
with para 937 of the
Code.

Estimate is submitted
for sanction.

S.

E.W.

57

2198
10

Public Works Department.

Current No.

6927

2198
211

Letter No.

1172

Dated

4th July 1892

From the

Judicial Dept.

Secretary

TECHNICAL NOTE.

23-7-92

Constructing a new office over the
drain gate & extending the wards of
the Parvatipur Hill Jail

Amount of Estimate Rs 13300.

The accompanying plans & estimate
amounting to Rs 13300 provide for
constructing an office $36\frac{1}{2} \times 15\frac{1}{2}$ over
the drain gate and guard room &
for extending the wards & provide
the necessary accommodation
to the wards of Parvatipur Hill
Jail in Vizagapatnam Dist.

The amount of the estimate is
made up as follows:-

Extending No. 1 ward	Rs 2810
- do - 2 do	2870
- do - 3 do	3030
- do - 4 do	2800
Constructing a new office.	1790
Total	Rs 13300

The Jail wards No. 1, 2, 3 & 4 are
proposed to be extended to double
their size, viz. a room $48'8" \times 17'0"$
internal dimensions, added to the
existing

The existing timber roof of the main gate & guard room is proposed to be dismantled and relaid with new roof timbers to the office cross timbered over. The roof of the new office is to be of pine & flat tiles laid on lark rafters, rafters to be supported by timbers. The timbers of the guard room on floor of the office is proposed to be supported by lark beams & joists. The beam in the main case room is proposed to be laid joist over the centre of the archway. The width of the room being only 12 feet there appears to be no necessity for the spanning of the room with beams joists 3" x 7" may be used instead throughout.

No provision is made in the estimate for new joists to the passage or centre room. This is now provided for in pencil.

The timbers of the proposed office room are placed 12' 2" apart from centre to centre & the scantlings provided for the lark beams & principal rafters are weak when compared with the Standard Specification, Table V (~~Timbers 10 feet apart~~) (Timbers 10 feet apart).

Timbers	as per estimate	now proposed
Principal rafters - 4" x 4"		4" x 6"
Principal rafters - 4" x 5"		4" x 6"

The length of the joists over the guard room is in: correctly estimated. It has now been altered in pencil assuming that new joists are provided for the ^{2 1/2} passage, the scantling of the wall plates appears rather heavy (4" x 4") it may be reduced to 3" x 4".

The scantlings for my timber to the entrance of No. 1, 2, 3 & 4 were are correct except for the No. 1 standard beam dimensions (5 1/2" x 8") in No. 1 & 4 blocks at ends. The greatest length between points of support is 11' 6" and as it will be awkward to allow separate scantlings for the two large bays at ends it may be well to alter the position of the pillars & make the distance between pillars as far as possible equal.

The standard roof may also be altered as as the supported throughout on stone corbels & wall purlins instead of the rafters being let into the wall for a certain length & the remaining length supported on pillars & wall purlins.

The rates are fair.

N^o 2198-W. 19 August 1892

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2198
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2198
13

Read the following

From the Inspector G.I. of jails No. 2981 d/24 June 1892
Endorset. thereon in the Judicial Dept. No. 1172 d/4 July 1892
Note by Chief Eng^r P.O. d/26. vii. 92

1. The estimate, amounting to Rs. 13,300, for certain additions and alterations to the hill jail at Parvatipur in the Vizagapatnam District is sanctioned.

2. The work will be carried out by the ^{Chief} Estate Engineer under G.O. d/27 April 1892, No. 804, Judicial.

3. The question of providing funds will be considered in the Financial Dept.

4. The sanction accorded in para 1 of these proceedings has been registered as Provincial No. 39 W.B. 1892-93 and classified as Civil Buildings, Original Works.

5. Attention is drawn to the note by the Chief

Eng^r & W.D. 117

What is the ground for this? Parvatipur is not in the hill jail. The jail is called a hill jail and is not a hill prison and is not there.

G.O. 1565 W d/23.5.92

if it is not commenced by the P.W. Dept before November next.

140
300

100

To the S.E.I. circle
Judicial Dept
the Secy

Financial Dept.
San Process

Abstract estimate as to the amount of reduction to be effected by use of prison labor which may be employed on the work, vide para 937 of the Code.

The report accompanying the estimate dealt with works originally proposed at an estimated cost of Rs. 25,500 but the estimate now submitted provides only for works of urgent nature.

The plans herewith have been counter-signed by the Ins. of Prison General of Jails & approved in the Judicial Dept.

140

140

1892
Govt. of Madras.
PUBLIC WORKS.

Dated

Recd.

Est.

G.O. 9th August 1892. No. 2198. W

Still jail at
Parvatipur

Estimate of Rs 13,300
for certain additions
and alterations to the
— in the Vizagapatam
St., sanctioned with
remarks.

(14)

J 10/8-

J.C. 10/8