

- (1) பக்கங்களின் எண்ணிக்கை 16
 (2) புதுக்கித் திருப்பிய நாள் 2/9/2
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 3

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

194

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2417	அச்சகம் பலவகை
நாள் : 31- 8- 1852		198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

8 Sheets

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ஆவண. கா-1-18,006-15-6-87.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From A. G. CARDEW, Esq., M.A., C.S., Acting Inspector-General of Jails, to the Chief Secretary to Government, dated Vellore, 27th July 1892, No. O/453.

I have the honour to submit, for the very early approval and sanction of Government, revised plans and estimates, amounting to Rs. 18,700, for constructing 50 close prison cells at the Central jail, Salem, in supersession of the plans and estimates, amounting to Rs. 13,290, which were sanctioned in G.O., dated 31st May 1889, No. 1440 W., Public Works.

2. In the Public Works Provincial budget for 1892-93, a sum of Rs. 10,000 has been provided for the commencement of this work. Upon the receipt of the budget (G.O., No. 399 W., dated 9th February 1892, Public Works), I addressed the Superintending Engineer, IV Circle, in April last, requesting him to adopt the Bengal system of fastening for the cell-doors, so as to place the lock out of the reach of the prisoner. In reply, the Executive Engineer stated that this system of fastening could not be used in pisé buildings and he went on to observe: "I am very loth to try the experiment of building these prison cells with the mud walls; I request that they may be built of brick in chunam. The extra cost of doing so will be Rs. 7,000, but, in my opinion, the mud work is utterly unsuitable in every way."

3. I was not before this aware that the estimates approved in G.O., dated 31st May 1889, No. 1440 W., provided for the whole of the Salem close prison being built of mud. The fact was not stated in the report, as it should have been, and I doubt whether either Colonel Porteous or Colonel Smith knew it. On examining the correspondence I found that in a letter to Government No. 148, dated 23rd March 1888, recorded in G.O., dated 20th April 1888, No. 943, Mr. H. R. Grimes stated that the soil at Salem was suitable for pisé work and the Public Works Department, acting on this remark, prepared the estimates accordingly.

4. The close prison at Coimbatore is built in pisé and a reference was accordingly made to the Superintendent of that jail, asking whether, in his opinion, the cells there are durable and safe. In reply Mr. Goodrich said that, owing to the soil at Coimbatore being almost entirely lime, pisé made of it is very hard and durable and he thought the cells might be considered safe. He added: "I have tried pisé at Salem, Vellore and Trichinopoly, but have not found the soil nearly so good as that here. I would not recommend its use except where the soil is appropriate." I then asked the Superintending Engineer whether he agreed with the Executive Engineer's opinion that mud work was unsuitable for the close prison at Salem. He replied that he "fully endorsed" the views of the Executive Engineer as to "the utter unsuitableness" of the material proposed.

5. In view of these opinions, it appeared to me to be imperative to recast the estimates, and, at my request, this has been done, and the results are now submitted for sanction. The impolicy of leaving the lock within reach of the prisoner has been shown by experience in this Presidency, as will be seen by reference to the correspondence recorded in G.Os., dated 19th June and 5th September 1891, Nos. 1206 and 1803, Mis. The system of fastening, as shown in the plan marked A, which follows

the Bengal standard plan, is far superior to any other and solves all the difficulties of the case, and it would be worth while to substitute brick in chunam for pisé in order only to secure the advantages of this system; but it is also of importance that jail buildings of this class should be thoroughly well-built and it is the cheapest plan in the end. It would be, in my opinion, most undesirable to adopt pisé work for cells in a neighbourhood where the soil is not thoroughly suitable and I beg strongly to recommend the early approval and sanction of the revised estimates. As funds have been allotted, work will be commenced directly the orders of Government are received.

No. 1342, Judicial.

The estimate, amounting to Rs. 18,700, is approved and transferred to the Public Works Department in supersession of that approved in endorsement, dated 13th May 1889, recorded in G.O., dated 31st May 1889, No. 1449 W.

(By Order.)

15th August 1892.

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

ORDER—dated 31st August 1892, No. 2417 W., Public Works.

The revised estimate, amounting to Rs. 18,700, for constructing 50 close prisoners' cells at the Central jail, Salem, is sanctioned in supersession of the estimate of Rs. 13,290, sanctioned in G.O., No. 1440 W., dated 31st May 1889.

2. The budget allotment for the buildings was Rs. 10,000, of which a sum of Rs. 4,000 was surrendered * by the Superintending Engineer, IV Circle, leaving the existing grant for the work at Rs. 6,000.

* G.O., No. 2285 W., dated 18th August 1892.

3. This sanction has been registered as Provincial No. 52 W. of 1892-93 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with 13 enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

Exd. A. D. Xavier.
Spare Copies

2417
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1892) Madras.
PUBLIC WORKS.

Dated August, 31st.

Recd.

Encl.

G.O., 31st Aug. 1892, No. 2417 W.

AUGUST.

Central Jail, Salem

Revised estimate of Rs. 18,700 for constructing 50 close prisoners' cells at the —, sanctioned.

No. 9453

CURRENT NO. 3175
Camp. Vellone
OFFICE OF THE INSPECTOR-GENERAL OF JAILS,

Dated 27th July 1892.

From

A. G. Bardon Esquire M.A. B.S.

By: INSPECTOR-GENERAL OF JAILS,

To

THE Honble J. F. Price

CHIEF SECRETARY TO GOVERNMENT.

SIR,

7. Enclosure 5

1 Report & Estimates
4 Drawings
1 Site plan
1 Detailed Statement
7

Rs. 11,071/10
7.6.89

I have the honour to submit for the very early approval and sanction of Government, revised plans and estimates amounting to Rs. 18,700 for constructing 50 close Prison cells at the Central Jail Salem in supersession of the plans and estimates amounting to Rs. 13,290 which were sanctioned in Government Order, 31st May 1889 No. 1440 H. Public Works.

2 In the Public Works Provincial budget for 1892-93, a sum of Rs. 10,000 has been provided for the commencement of this work. Upon the receipt of the Budget L.O. No. 399 dated 9th February 1892 Public Works, I addressed the Superintending Engineer, Circle, in April last, requesting him to adopt the Bengal system of fastening for the cell doors, so as to place the lock out of the reach of the prisoner. In reply

to be so made & the whole built with bricks in common

reply the Executive Engineer states, that this system of fastening could not be used in pisé buildings, and he went on to observe - "I am very loth to try the experiment of building these prison cells with the mud walls, I request that they may be built of brick in chumam. The extra cost of doing so will be Rs. 7,000, but in my opinion the mud work is utterly unsuitable in every way."

3 I was not before this aware that the estimates approved in L.O. 31 May 1889. No. 11440 M. provided for the whole of the Salem Close Prison being built of mud. The fact was not stated in the Report, as it should have been, and I doubt whether either Colonel Portman or Colonel Smith knew it. On examining the correspondence I found that in a letter to Government No. 148, dated 23rd March 1888, recorded in Government order, 20th April 1888. No. 943. M. H.R. Seivice stated that the soil at Salem was suitable for pisé work, and the Public Works Department acting on this remark, prepared the estimates accordingly.

4 The Close Prison at Bombatone is built in pisé, and a reference was accordingly made to the Superintendent of that jail, asking whether in his opinion the cells there are durable and safe. In reply Mr. Woodcock said that owing to the soil at Bombatone being almost entirely

lime, pisé made of it is very hard and durable, and he thought the cells might be considered safe. He added. "I have tried pisé at Salem, Bellone and Trichinopoly, but have not found the soil nearly so good as that here. I would not recommend its use except where the soil is appropriate." I then asked the Superintending Engineer, whether he agreed with the Executive Engineer's opinion that mud work was unsuitable for the Close Prison at Salem. He replied that he "fully endorsed" the views of the Executive Engineer as to "the utter unsuitableness" of the material proposed.

5 In view of these opinions, it appeared to me to be imperative to recast the estimates, and, at my request, this has been done, and the results are now submitted for sanction. The impolicy of leaving the lock within reach of the prisoner has been shown by experience in this Presidency, as will be seen by reference to the correspondence recorded in Government order, 19th June and 6th September, 1891. No. 1206 and 1803. The system of fastening as shown in the Plan marked A, which follows the Bengal standard Plan, is far superior to any other, and solves all the difficulties of the case, and it would be worthwhile to substitute brick in chumam for pisé in order only to secure the advantages of this

the masonry except the two walls which are to be 24" thick & the whole built with brick in chumam

this system. But it is also of importance
that jail buildings of this class should be
thoroughly well built, and it is the cheapest
plan in the end. It would be, in my opinion,
most undesirable to adopt piecemeal work for
cells in a neighbourhood where the soil
is not thoroughly suitable, and I beg
strongly to recommend the early approval
and sanction of the revised estimates. As
funds have been allotted, work will be
commenced directly the orders of Govern-
ment are received.

I have the honor to be,
Sir,

Yours most obedient servant

A. G. Cardew

Ag. Inspector General of Jails.

2412
K

JUDICIAL.

JAIL (1892) DEPARTMENT.

From 90483: 12-3-92 mm (Ats)
1416: 15-7-92
1802: 5-9-92
1957: 19-7-92
21967: 26-10-92
1714: 28-8-91
1206: 19-6-91
525: 20-2-91
1107: 27-6-91
943: 26-4-91
To THE INSPECTOR-GENERAL OF JAILS,
THE CHIEF SECRETARY TO GOVERNMENT.
559: 19-5-92 R v

No. 2381 W/4-9-92
2255 W/18-8-92
1440 W/31-5-92
CHIEF SECRETARY
30 JUL 92
ANNEX. C. W.

Dated 27th
Despatched 28 July 1892
Received 30 July

Encl. 13 (Plans)
No. 453

Recd. 17-8
Encl. 13 (Plans)
ENCLOSURES.

Subject,

Submit for every early
approval and sanction proposed
Plans and estimates for
Rs. 18,700 for construction of
50 close prison cells at the
beach & Carl (unmarked)

P. W. CURRENT No. 8446

Est. No. 1342. 11th August 1892

The estimate amounting to Rs.
18,700 is approved and
transferred to the Public
Works Department, in super-
cession of that approved in
indorsement dated 13th May 1889
recorded in G.O. dated 31st May 1889 No. 1449 W.
(By order)

Attestation
As Under Secretary

Regs. 19. 8. 92
Encls 13 (5 plans)

No. 2255 W/18-8-92
" A - 2281 W/24-9-90
" - 1440 W/31-5-92

23/8

231. 8. 92

old 24-8
92 17-8
24-8
C. B/s
R/1/8

Public Works Department.

TECHNICAL NOTE

Current No. 8446
Letter No. 1342
Dated 15th August 1892
From the Judicial Dept.
Name of Work Const. 5 Cellular Cells Central
District Salem Jail. Salem
Taluk Salem
Amount of Estimate Rs. 13,290
Do. of Revised Estimate Rs. 18,700
G.O. sanctioning original estimate No. 1440 W
dated 31st May 1889.
Difference, More Rs. 5,410
Less

PARTICULARS OF ESTIMATE.

Main Building	Rs. 15,510
Compound wall	3,100
Subsidiary Buildings	"
Contingencies	"
Petty Supervision	"
Gravement of Prisoner	"
Land compensation	90

Total Rs. 18,700.

PARTICULARS OF CONSTRUCTION.

Surface soil 4 inches mixed with gravel
Sub soil Hard gravel
Foundations are to be sunk 3 feet deep for the
Cellular blocks & 1 1/2 feet for the compound
wall & built with bricks in chumam.
Basement is to be raised 2 feet high & built of
bricks in chumam.
Walls are to be raised 9.0" high to springing
line of arches walls are to be 18" thick
throughout except the end walls which are
to be 24" thick & the whole built with bricks in chumam.

Plastering both the faces of walls of the cells are to be plastered with 2 coats of mortar
 Pointing the faces of the compound wall with chunam
 Flooring is to be of 6 inches of concrete. The lower 3 1/2" of ordinary mortar & the upper 2 1/2" of concrete.
 Roofing is to be arched with bricks in mortar with concrete above
 Roof timbers nil.
 Scantlings nil.
 Doors and Windows are to be iron framed as per detailed plans.
 Lightning Conductors nil.
 Rates are fair.

The plinth area of the main building is 1581 square feet, and the cost per square foot will be Rs. 1-15-5 or Rs 3102 per block.

The Plan and Estimate have been countersigned by the Inspector General of Jails and approved in the Judicial Dept.

Department.

REMARKS.
 In G.O. No. 1440 W dated 31st May 1899 an estimate amounting to Rs 13290 was submitted for constructing 5 blocks of 10 cells each or 50 cells in all for the accommodation of close prisoners. This estimate provided for constructing the walls of the cells with 'pica work' and as it is stated that the nature of the soil at Salem is unsuitable for this description it is therefore proposed to construct the walls with bricks in chunam at the request of the Inspr. General of Jails, hence the necessity for the present estimate in lieu of the one already sanctioned.

9" cement - these
 is 1 foot of concrete
 over this
 26-8.

The accompanying estimate provides for erecting 5 Cellular blocks so as to contain 50 cells in all, each cell 13 1/2 x 7'6", for building a compound wall 760 feet long & 11 feet high to cope with bricks in chunam & for diverting the existing drains R. of the Central Jail.

The thickness of archwork, viz 9 inches as now proposed for the cells appears to be rather too thin, a thickness of 13 1/2" in Kanchi would be fair.

A statement is submitted showing the value of convict labor, if employed on the work & the necessary note has been made in the estimate as required by para 937 of the Code showing reduction by use of convict labor. This is now unnecessary as Govt. in Order No. 2381 W dated 4th Sept 1890 approved of the work being undertaken by free labor by a contractor.

23. 11. 92
 (with 5 plans)

No 2417 W d/31 August 1892
 PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Inspector General of Jails No: 4453 d/27 July 1892
 Endorsed in the Judicial Dept. No: 1342 d/15 Augt 1892

The revised estimate, amounting to Rs. 18,700, for constructing 50 close prisoners' cells at the Central Jail, Salem, is sanctioned in supersession of the estimate of Rs. 13,290 sanctioned in G.O. No: 1440 W d/31 May 1899.

2. The budget allotment for the buildings was Rs. 10,000, of which a sum of Rs. 4,000 was surrendered by the Suptg. Engineer, TV circle, leaving the existing grant for the work at Rs. 6,000.

3. This sanction has been registered as Provincial No: 52 W of 1892-93 and classified as Civil Buildings, original Works.

To the S.E. TV circle
 with 13 encls.
 Encl. P.W. Dept.
 Judicial Dept.
 R. 1/17

26-8-92
 26-8

C. No. 8246

Govt. of Madras.

PUBLIC WORKS.

✓
1/9/32
Date

Recd.

Encl.

G.O. 31st August 1892, No. 2417-80

Central Jail, Salem

Revised estimate of
Rs. 18,700 for constructing
50 close prisoners' cells
at the ———, sanctioned

(8)

90
6

9/31/8

J.C. 3/8