(1) Number of pages 40

(2) Date of repair 16.6.87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

㉘

G.O. No. B.P. No.	3270-W	Press. Mis.
Dated	16-11-1883	~~198~~.

Not to be folded or roughly handled.

Archives —I 10,006-9 88

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From Colonel T. E. TENNANT, Inspector-General of Jails, to the Chief Engineer, Public Works Department, dated Ootacamund, 13th August 1883, No. 216.

1 Site plan. 4 Tracings. 2 Letters.	1 Detailed estimate. 1 Abstract estimate. in duplicate.

Adverting to Judicial Proceedings, No. 2376, dated 16th September 1879, authorizing the preparation of plans and estimates for the construction of a close cellular prison at Coimbatore, I have the honor to submit, for the approval and sanction of Government, the accompanying plans and estimates, amounting to Rs. 21,935.

2. It is proposed to build the whole of the work in pisé with the exception of the roof to the cells, which will be brick in chunam. The pisé work will be done by convicts under the directions of Mr. Grimes, the superintendent of the jail. I also propose to have the wood and iron work made up in the jail, and to employ convict labor as far as possible. The resources of other central jails in labor, &c., will be made to contribute to these works.

3. It has already been determined to establish cellular close prisons for the probation of long-sentenced prisoners at each of our central jails. The close prison at Coimbatore will consist of 6 radial blocks, consisting of 16 cells in each block. The dimensions of the cells are the same as those constructed at Palamcottah, which have been found from experience suitable.

Nos. 102 and 414, dated 5th and 20th July 1883 (to be obligingly returned).

4. I enclose, for information, the letters from the Superintendent and Executive Engineer.

5. I request that early sanction may be accorded and a sum of Rs. 10,000 allotted, as this amount was provided in the convict labor fund budget for expenditure on this work during the current official year.

No. 1604 C.

Memorandum by the Chief Engineer, Public Works Department.

Letter from the Inspector-General of Jails, dated 13th August 1883, No. 216.

With reference to the project for a close prison at Coimbatore, submitted by the Inspector-General of Jails with his letter quoted above, the Chief Engineer observes that the stability of a compound or rather jail enclosure wall *15 feet* high, of pisé, 2 feet thick, is open to doubt. It is understood that a similar wall has been successfully built at Etawah, Oudh, but it is 14 feet high and $2\frac{1}{2}$ feet thick.

2. The walls of the building are also to be of pisé. The cells are to be roofed with flat arches covered with concrete, each cell being 7 feet 6 inches wide. This roofing will weigh about 100 lb. per square foot, so each running foot of cross-wall (1 foot 6 inches thick) will have to carry a weight of 750 lb. Pisé may perhaps bear this, but bulging of the walls is to be apprehended.

3. The cross-section of the cells seems open to revision. There is only a small projection shown at roof surface level. It is important to keep the wall surface quite free from drip by throwing the roof drainage well clear of the walls. Down pipes might be desirable.

4. Plastering to the interior of the cells and Portland cement concrete might perhaps be dispensed with.

5. The Chief Engineer is doubtful as to whether it has been considered how the plaster is to be made to adhere to the pisé surfaces.

Some expedient must be adopted. Bits of tiles rammed into the surface will effect the object. Plastering on the bare surface of mud-walling peels off in large ~~flanks.~~ flakes.

6. The use of pisé, if successful, will doubtless effect a large saving, but before laying the project before Government for sanction, the Chief Engineer would be glad if the Superintending Engineer would carefully consider the foregoing observations, and resubmit it with any suggestions or modifications which he may think called for, or state whether he is still prepared to accept the responsibility for the work in its present form.

7. All the wood-work should be well tarred to prevent the ravages of white-ants.

Madras,
28th August 1883.
(Signed) R. H. SANKEY, Major-General, R.E.,
Chief Engineer, P.W.D.

To the Superintending Engineer, Fourth Circle, with papers in original.

From Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 24th October 1883, No. 203 C.W.—(Through the Inspector-General of Jails.)

1 Site plan.
4 Tracings.
1 Detailed estimate.
2 Abstract estimates.
Executive Engineer's No. 793, dated 11th October 1883, with one enclosure.
Executive Engineer's No. 414, dated 20th July 1883, with one enclosure.
Inspector-General's No. 216, dated 13th August 1883.

I have the honor to return, herewith, the papers sent me with your memorandum, No. 1604 C., of 28th August 1883. These plans and estimates were prepared by the Executive Engineer, Coimbatore, under instructions from the Inspector-General of Jails and in communication with the Superintendent of the central jail, Coimbatore.

2. It will be observed that all walls, &c., are to be in pisé; in fact, the only portions in brickwork are arches and the coping of the compound wall. The soil about Coimbatore seems specially suited to such work, which was successfully adopted in the construction of the buildings of the central jail by Mr. Grimes, who, I understand, is to construct the proposed close prison.

3. From my own inspection of the existing buildings I have no doubt the pisé can safely be used in the manner proposed, and probably the rates allowed in the estimates will be sufficient if Mr. Grimes remains at Coimbatore to carry out the work. This department has had no experience in such work, and if it be thrown on the Executive Engineer, who has not the same control over the convicts as the Superintendent, the rates will probably have to be revised.

4. The only alteration required in the estimate is in regard to the height of the compound wall which the Inspector-General agrees to reduce to 13 feet instead of 15 feet, and the saving thus effected may be applied to giving it increased thickness at bottom, say, 2½ feet instead of 2 feet.

5. The Inspector-General wishes the interior* of the cells plastered and the flooring* to be of cement concrete according to a specification which was lately submitted with the Vellore close-prison estimates.

* As provided in the estimate.

6. I send, herewith, letters lately received from the Executive Engineer and the Superintendent of the central jail, to whom I sent copies of General Sankey's remarks for consideration.

P.S.—Probably Rs. 10,000 can be spent on these works before 1st April 1884 if they are sanctioned at once.

Enclosures.

From J. P. DAVIDSON, Esq., Executive Engineer, Coimbatore Division, to the Superintending Engineer, Fourth Circle, Coimbatore, dated Pollâchi, 11th October 1883, No. 793.

Executive Engineer's letter, No. 414, of 20th July 1883, with Copy of Jail Superintendent's No. 102, of 5th July 1883.
Inspector-General's No. 216, of 13th August 1883.
Chief Engineer's memorandum, No. 1604 C., of 28th August 1883.
Copy of Jail Superintendent's demi-official letter of 5th October 1883.
1 Site plan.
4 Tracings.
1 Detailed estimate.
2 Abstract estimates, Rs. 21,935.

In reply to your No. 605 C.I., of 5th September 1883, forwarding Chief Engineer's memorandum, No. 1604 C., of 28th August 1883, I have the honor to forward copy of demi-official from the Superintendent of central jail, Coimbatore, on the subject of pisé work.

2. The saving due to reducing the height of the wall of the enclosure from 15 feet to 12 feet will be Rs. 186, and with this reduced height I think there can be no doubt that the wall if built 2 feet thick will be safe; the thickness, however, might be increased to 2½ feet, and in this case the saving effected by reducing the wall 3 feet in height will cover the cost of increasing the thickness by ½ a foot.

3. Regarding the roofing, the Superintendent, central jail, evidently did not intend loading his arches with concrete as given in the plans, and I am of opinion that there is no necessity for this concrete; if the arches be well built and carefully plastered, there should be no fear of leakage.

4. The saving due to this would be Rs. 1,555. In this case the cross-walls would merely be in the position of piers, but the end walls being abutments, it would be perhaps advisable to increase their thickness; buildings of the muster now proposed to be built, *i.e.*, arched roofs springing from pisé walls, are in existence at the jail, and would serve as a guide; they also prove that work of this kind can be satisfactorily carried out.

5. Regarding the drainage from the roof, if the arches be not loaded with concrete there would be no difficulty in discharging the water clear of the building by means of pipes laid at the junction of the arches.

6. A light parapet wall would be built to give a better appearance to the building and hide the arched roofs.

7. In the matter of plastering the pisé, the Superintendent anticipates no difficulty, as he has numerous pisé work buildings now standing which are plastered and whitewashed, and present all the appearance of buildings built in brick in chunam and plastered.

Demi-official from the Superintendent, Central Jail, Coimbatore, to the Executive Engineer, Coimbatore Division, dated 5th October 1883.

In reply to yours of yesterday, returning the papers, plans, &c., of the close prison, I have read over the Chief Engineer's memorandum. I do not think there is any fear about the outer wall to the close prison coming down; there are numerous pisé walls* which have stood for years. One enclosing the quarantine wards is 15¾ feet in height, and has never moved since it was built some seven years ago. If care is taken in building and the proper material is used, these walls stand for years, and if they are built wider at the base than the top they will not give. However, there is no absolute necessity to build the wall as high as 15 feet; it can be reduced to 13 feet. If a convict once gets out of his cell, it makes little difference to him whether he has to escape over a 15-feet or 13-feet wall. Regarding the construction of the cells, I have four cells built in pisé measuring 12 feet × 8 feet × 9 feet to centre of arch. They were built in 1879, and are as strong as the day they were completed. The arch is on Stoney's principle—single brick on edge 4½ inch thick with ¾ inch surki mortar plaster; they have a parapet wall to catch the rain, with escape holes and pipes, and it was on this plan I intended to build the cells for the close prison. I did not look at the Palamcottah plans carefully and did not observe the great thickness of concrete over the arch as shown in the plan; but Stoney's arches have not this objection, immense weight, they are light and durable.

Unless pisé work is carefully plastered, the plaster does come off; but if care is taken to roughen the walls well and put the plaster on thin, rubbing it well down, the plaster stands as well as it does on brick-work.

* 2 feet thick.

I am perfectly willing to take the responsibility of the pisé work standing. I have had considerable experience in it, and have built an upper-storied house, out-houses, hospital, debtors' wards, cells in women's yards, outer enclosure walls, water-cisterns, open drains—in fact every description of building in pisé, all in as good preservation as brick and stone work. The soil here is most suitable for this description of work, and the rainfall being so light, pisé stands well, and is far cheaper than brick or stone work; and I will back a convict to take longer digging through a 2-feet pisé wall than through a brick wall of the same thickness.

I send Stoney's plan, which please return. You will observe the plan is for concrete arches and for brick arches. I have not tried the concrete arches, but have the brick ones.

From Colonel T. E. TENNANT, Inspector-General of Jails, to the Chief Engineer, Public Works Department, dated Ootacamund, 26th October 1883, No. 302.

1 Site plan.
4 Tracings.
1 Detailed estimate.
2 Abstract estimates.
Executive Engineer's letter, No. 793, dated 11th October 1883, with one enclosure.
Do. No. 414, dated 20th July 1883 with one enclosure.
Inspector-General of Jail's letter, No. 216, dated 13th August 1883.
Superintending Engineer's letter, No. 203 C.W., dated 24th October 1883.

In continuation of my letter, No 216, dated 13th August 1883, I have the honor to resubmit the accompanying plans and estimates for the proposed close prison at Coimbatore, together with letter, No. 203 C.W., dated 24th October 1883, from the Superintending Engineer, Fourth Circle.

2. I have no further remarks to offer, but, if there exists any objection to the estimates on the score of expense, I beg to suggest the construction of 14 cells in each block, making 84 cells in all.

ORDER—dated 16th November 1883, No. 3270 W., Public Works.

The estimate, amounting to Rs. 21,935, for constructing a close prison at Coimbatore, is sanctioned for entry in the budget for 1884-85. Meanwhile a sum of Rs. 5,000 is allotted from the Provincial Reserve to admit of an immediate commencement being made with the work, and materials collected.

2. This sanction has been registered as Provincial No. 167 W. of 1883-84 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle, with seven enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Judicial Department, with two enclosures for return to the Inspector-General of Jails.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated November, 16th.

Recd. *Encl.*

G.O., 16th Nov. 1883, No. 3270 W.

NOVEMBER.

Close Prison

An estimate for constructing a — at Coimbatore, sanctioned for entry in the budget of 1884-85.

GOVT. OF MADRAS. } 188 . { P. W. DEPT.

SECRETARY.

4
Chepauk, 22nd August 1883.

OFFICE NOTE.

To W

Estimate of Rs: 21,935 for a Close prison at Coimbatore is submitted for sanction.—

The experiment seems to me a bold one, to build a compound or rather Jail enclosure wall 15 ft. high of pisé, 2 ft. thick.

I don't know whether we have any examples of a naked wall of pisé of this height + thickness, but probably the S.E. when he accepted the design had good reasons for doing so.

The walls of the buildings are also to be of pisé. The cells are to be roofed with flat arches covered with concrete. Each cell is 7'6" wide. This roofing will weigh about 100 lbs. per square foot, so each running foot of cross wall (1'6" thick) will have to carry a weight of 750 lbs, which pisé will doubtless bear. It is a bulging of the walls I should be afraid of.

I don't like the cross section of these cells, as there is only a small projection shown at roof surface level. As it will be important I think

wall of Jail at Etawah, Oudh, was built most successfully of pisé, but it was 14 ft. high + 2½ ft. thick.—

to keep the wall surface quite free from drips and therefore to throw the roof drainage well clear of the walls. 2 feet eave pipes might be desirable.

It occurs to me that plastering to the interior of these cells & portland cement concrete for these floors might be dispensed with. Has it been considered how the plaster is to be made to adhere to the pisé surfaces? Something will be required. I believe bits of tiles rammed into the surface will effect this object. Plastering on the base surface of mud walling peels off in large flakes.

The use of pisé if successful will effect a large saving. I presume all the woodwork will be well tarred. White ants will be at it at once.—

Rs. 10000 was provided for this work in the Convict Labour Fund Budget.—

CS.
22/8

The observations may be put in form to ~~the~~ SE ~~to~~ ~~state~~ in asking ~~then~~ whether he is still prepared to accept the responsibility for ~~the~~ work

23/8

Public Works Department, 1883-84.

Current No. 7018 5
Letter No. 216
Dated the 13th August/83
From the Inspector Genl. of Jails

NOTE OF REMARKS.

1. The accompanying estima
and plans provide for the
construction of a close prison at
Coimbatore at a cost of Rs. 2193
2. Neither Report nor Specificat
has been submitted.
3. The work consists of 6 cellula
blocks, a store room, a gate kee
room and a compound wall.
The longitudinal section of a
cellular block is not correct
it was prepared when it wa
intended to give the cross wal
a breadth of 1 ft 3 inches and the
as now 1 ft 6 inches, and shows
the extremities of air shafts
as meeting those of the preced
and succeeding arches.
4. The greater portion of the work
is to be done in pisé under
G.O. No. 2376 of 16/9/79. In the case
of the cellular blocks it would
be better to form the skew
backs between arches as well
as spandrils of concrete as
the distances between extremi
of arches would allow skewba
and spandril to combine
into one. The parapet wall
round top of block is to be
of pisé, if it is considered
necessary that the compound
wa

which is of pisé, should have
coping of brick in chunam
t certainly follows 'brick in
hunam' would be better
dapted for the parapet.
he store room and gate keepers
oms are to be built of pisé
ith tile roofing – the scantling
f timbers are correct.
he height of compound wall
s to be 15 feet and breadth or
hickness 2 feet.
Estimate and plans have
een countersigned by the
nspr. Genl. of Jails, and he
roposes carrying out the
ork by convict labor
th August/83
BSH

B

what funds are available for this?
CW
31/10

Public Works Department, 1883-84.

b

Current No. 9462

Letter No. 302

Dated the 26th Octr./83

From the Inspr. Genl. of Jails

Note of Remarks.

1. The plans and estimate for the construction of a close prison at Coimbatore are now re-submitted with reference to P.W. Mem. No. 16046 of the 28th Augt./83. Estimated cost is Rs. 21,935.

2. The height of the compound wall has been reduced from 15 ft. to 13 ft. and its thickness increased to 2½ ft. at bottom. Concrete flooring to the cells and plastering to the interior of the walls have been retained at the wish of the Inspr. Genl. The questions raised by Sr relative to the strength of the pisé work or rather its durability, and the method to be adopted to cause the plaster to adhe

DW

Note by Budget Section.

3276

3276 of 18th Nov/83

Read the following papers:-

No 216

8

Ootacamund 13th August 1883.

From

Colonel H. C. Tennant

Inspector General of Jails

To

Major General R. H. Sankey C.B. R.E.

Chief Engineer and Secretary

to Government D. P. W.

Ootacamund.

Sir

Adverting to Judicial Proceedings No 2376 dated 16th September 1879, authorizing the preparation of Plans and Estimates for the construction of a close cellular prison at Coimbatore, I have the honor to submit for the approval and sanction of Government the accompanying plans and Estimates amounting to Rupees 21,935.

2 It is proposed to build the whole of the work in pisé with the exception of the roof to the cells which will be brick in chunam. The pisé work will be done by convicts under the directions of Mr Grimes the Superintendent of the jail. I also propose to have the wood and iron work made up in the jail and to employ convict labor as far as possible. The resources of other Central jails, in labor &c will be made to contribute to these works.

3 It has already been determined to establish cellular close prisons for the probation of long sentenced prisoners at each of our Central jails. The 9 close prison at Coimbatore will consist of 6 radial blocks consisting of 16 cells in each block. The dimensions of the cells are the same as those constructed at Palamcottah, which have been found from experience suitable.

4 I enclose for information the letters from the Superintendent and Executive Engineer.

5 I request that early sanction may be accorded and a sum of Rupees 10,000 allotted, as this amount was provided in the Convict Labor Fund Budget for expenditure on this work during the current official year.

I

I have the honor to be
Sir
Your most obedient Servant
H C Tennant
Inspector General of Jails

SUPG. ENGINEER'S OFFICE
No. 8664
30 AUG. 83
P.W.D.
FOURTH CIRCLE

969 C.I.
Enc 1
in 4

B: 2506 w 3-10-79

Jail (1883) Department.

From

THE INSPR.-GENERAL OF JAILS,

To Engineer and

THE CHIEF SECRETARY TO GOVT.

D P W

~~Fort Saint George.~~

Ootacamund

SUPG: ENGINEER'S OFFICE
NO.
30 AUG 83
P.W.D.
FOURTH CIRCLE

Dated 13th } August 1883.
Received }

7 SEP 1883

OCT 83
FOURTH CIRC

No. 216.

9 Enclosures.

Subject.

Forwards plans and estimates for construction a close prison at Coimbatore

[illegible] 7/8
[illegible]

No. 203 C
W

25 OCT 83

Supg Engrs Office 4th Circle
Ootacamund 24th October 1883

From

The Superintending Engr.
Fourth Circle

To

The Chief Engineer
P. W. Department

Thro' the Inspector General of Jails

Encls: 11
1 site plan
4 Tracings
1 Detailed Estte.
2 Abstract Do.
1 Ex. Engr's Lr. 793 of 11-10-83 with 1 enclo.
1 Do. No. 414 of 20-7-83 with 1 enclo.
1 Inspr. Gls. No. 216/13-8-83
11

Sir,

I have the honor to return herewith the papers sent me with your Memorandum No. 1604 C of 28th August, 1883.

These plans and estimates were prepared by the Executive Engineer Coimbatore under instructions from the Inspector General of Jails and in communication with the Superintendent of the Central Jail, Coimbatore.

2. It will be observed that all walls &ca. are to be in pisé; in fact the only portions in brickwork are arches and the coping of the compound

wall

wall. The soil about Coimbatore seems specially suited to pisé work which was successfully adopted in the construction of the buildings of the Central Jail by Mr Grimes, who I understand is to construct the proposed Close Prison.

3 From my own inspection of the existing buildings I have no doubt that pisé can safely be used in the manner proposed, and probably the rates allowed in the estimates will be sufficient if Mr Grimes remains at Coimbatore to carry out the work. This Department has had no experience in such work, & if it be thrown on the Executive Engineer, who has not the same control over the convicts as the Superintendent, the rates will probably have to be revised.

4. The only alteration required in the estimate is in regard to the height of the compound wall which the Inspector

86

Inspector General agrees to reduce to 13 feet instead of 15, and the saving thus effected may be applied to giving it increased thickness at bottom say 2 1/2 feet instead of 2 feet.

5. The Inspector General wishes the interior× of the cells plastered and the× flooring to be of cement concrete according to a specification which was lately submitted with the Vellore Close Prison estimates.

× as provided in the estimate

6. I send herewith letters lately received from the Executive Engineer and the Superintendent of the Central Jail, to whom I sent copies of General Sankey's remarks for consideration.

I have the honor to be
Sir
Your Most Obt Servt
C. Beatty Col. R.E.
Superintg Engr 4th Circle

P.S. Probably Rs 10,000 can be spent

spent on these works before 1st April 1884 if they are sanctioned at once.

F.B.

No 5370

From

The Supdg Engr
4th Circle

Dated 24 } October 1883
Rd

No 203 C
W

Enc: 11

Close Prison for Coimbatore.
Submits plans and estimates amounting to Rs 21935 for the proposed —

O.L.S. 31/10

M. 27/10

Coimbatore 5th October 1883

No 7

Dear Davidson-

In reply to yours of 13 yesterday returning the papers - plans &ca &ca of the close prison - I have read over the Chief Engineer's Memorandum I don't think there is any fear about the outer wall to the close prison coming down, there are numerous pisé walls × which have stood for years - one enclosing the Quarantine wards - is 15¾ feet in height and has never moved since it was built some 7 years ago. If care is taken in building and the proper material is used - these walls stand for years - and if they are built wider at the base than the top - they will not give - however there is no absolute necessity to build the wall as high as 15 ft it can be reduced to 13 feet - If a Convict once gets out of his cell it makes little difference

× 2' thick

spent on these works
before 1st April 1884
if they are sanction-
-ed at once.

F. B.

From

The Supg Engr
4th Circle

Dated 24
Rd } October 1883

No. 203 C
W

Encl: 11

Close Prison for
Coimbatore.

Submits plans
and estimates a-
-mounting to Rs
21935 for the
proposed —

OLS 32/10 M. 27/10

Coimbatore 5th October 1883

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*2' thick

difference to him whether he has to escape over a 15 feet or 13 feet wall - Regarding the construction of the Cells - I have four cells built in pisé measuring 12'×8'×9' to centre of arch - they were built in 1879 - and are as strong as the day they were completed - the arch is on Stoney's principle - Single brick on edge 4½ inch thick with 3/4 inch Sorki Mortar plaster, they have a parapet wall to catch the rain, with escape holes and pipes - and it was on this plan I intended to build the Cells for the close prison - I did not look at the Palamcottah plans carefully - and did not observe the great thickness of Concrete over the arch - as shown in the plan but Stoney's arches ~~have~~ not this objection, immense weight, they are light and durable -

Unless pisé work is carefully plastered, the plaster does ~~not~~ come off.

off - but if care is taken to roughen the walls well - and put the plaster on th~~in~~ rubbing it well in down, the plaster stands as well as it does on brick work -

I am perfectly willing to take the responsibility of the Pisé work standing - I have had considerable experience in it and have built an upper storied house out houses - Hospital - Debtors Wards - Cells in women's yards - outer enclosure walls - Water cisterns - open drains - in fact every description of building in Pisé all, in as good preservation as brick and stone work - the soil here is most suitable for this description of work - and the rain fall being so light - Pisé stand well and is far cheaper than Brick or Stone work - and I will back a Convict to take longer digging through a 2 ft Pisé wall - than ~~through~~ through a brick wall of the same thickness -

Yours

Yours sincerely
Henry R. Grimes

969 C.3
m 6

I send Stoney's Plan which please return - You will observe the plan is for Concrete arches and for Brick arches - I have not tried the Concrete arches but have the Brick ones.

(True Copy)

R Davidson
Executive Engineer
11-10-83

LW

No. 793.

Executive Engineer's Office
Camp Polachi 11th October 1883

From,
The Executive Engineer 15
Coimbatore Division

To,
The Superintending Engineer
4th Circle - Coimbatore

Enclosures
1 Exec: Engr's letter No. 414 of 20th July 1883, with
1. Copy of Jail Supdt's No. 102 of 5th July 83
1. Inspector Genl's No. 216 of 13th August 1883.
1 Ch: Engr's Memo: No. 1604/C of 28th August 83.
1. Copy of Jail Supdt's demi-official letter of 5th Octr 1883.
1. Site Plan
4. Tracings
1 Detail Estimate
2. Abstract estimates Rs 21935

Sir,

In reply to your No. 665/C.3 of 5th September 1883, forwarding Chief Engineer's Memo: No. 1604/C of 28th August 1883, I have the honor to forward Copy of demi official from the Superintendent of Central Jail Coimbatore on the subject of Pise work.

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effected

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4. The saving due to this would be Rs 1555 In this case the cross walls would merely be in the position of piers, but the end walls being abutments it would be perhaps advisable to increase their thickness; buildings of the muster now proposed to be built i.e. arched roofs springing from pisé walls are in existence at the Jail and would serve as a guide; they also prove that work of this kind can be satisfactorily

Carried

carried out.

5. Regarding the drainage from the roof; if the arches be not loaded with concrete there would be no difficulty in discharging the water clear of the building by means of pipes laid at the junction of the arches.

6. A light parapet wall would be built to give a better appearance to the building and hide the arched roofs.

7. In the matter of plastering the pise the Superintendent anticipates no difficulty, as he has numerous pise work buildings now standing which are plastered and whitewashed, and present all the appearance of buildings built in brick in Chunam and plastered.

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

R Davidson
Executive Engineer

From
The Executive Engineer
Coimbatore Dn.

969 C.J.
15 OCT 83

No. 793
Dated 11th Octr/83
Despd 13th Do

Enclosures 13
Cellular blocks
Central Jail, Coimbatore
Forwards Plans
Estimates, &ca
Rs 21935 for constg
with certain
observation

For favor of orders
The alterations
in the height and
thickness of the

No 302

Ootacamund 26th October 1883

From
Colonel T. E. Tennant
Inspector General of Jails

To
Colonel J. H. M. Shaw-Stewart R.E.
Chief Engineer and Secretary
to Government - D.P.W.
Ootacamund

Sir

In continuation of my letter No 216 dated 13th August 1883, I have the honor to resubmit the accompanying plans and estimates for the proposed close prison at Coimbatore, together with letter No $\frac{2030}{W}$ dated 24th October 1883 from the Superintending Engineer 4th Circle

2 I have no further remarks to offer, but, if there exists any objection

to the estimates on the score of expense, I beg to suggest the construction of 14. Cells in each block, making 84 cells in all.

I have the honor to be
Sir
Your most obedient Servant
J. C. Tennent
Inspector General of Jails

3. W. 79 No 2506 W

P.W.C. No. 946

Jail (1883) Department.

From

The INSPR.-GENERAL OF JAILS,

To

The CHIEF SECRETARY TO GOVT.,

Dated 26th October 1883.
Received 27th
Reg 29

No. 302

+13
12 ENCLOSURES (+5 plans

Subject.

Resubmitting plans and estimates for close prison at Coimbatore.

Cir 12/10

O.L.S. 32/10. M. 27/10.

No. 3270 W.

PUBLIC WORKS DEPARTMENT.

19

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 16th Nov /83

READ the following

From the Inspector General of Jails H. E. No: 216 dated 13th August 188
Memo by Chief Engineer P. W. D. H. E. No: 1604 C dated 28th August 18
From the Supg. Engineer Fourth Circle H. E. No: $\frac{203\,C}{W}$ of 24th October 1883
From the Inspector General of Jails H. E. No. 302 of 26th October 188

The estimate amounting to Rs 21,935, for constructing a close prison at Coimbatore, is sanctioned for entry in the Budget for 1884-85. Meanwhile a sum of Rs 5000 is allotted from the Provincial Reserve to admi of an immediate commencement being made with the work, and materials collected.

2 This sanction has been registered as Provincial No: 187 W of 1883-84, and classified as Civil Buildings Original Works

Supg. Engr Fourth Circle
with 7 Enclos.
Exr. P. W. Accts with dup. ab. estimate
~~Inspector General of Jails~~
Judicial Department.
with 2 enclos. for return to the Inspr. Genl. of Jails.

C.S.

[illegible]

2°

2)

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated

Recd. Encl.

G.O. 16 Nov 1883, No. 3270-W

Nos.

Close prison

An estimate for
constructing a
at Coimbatore
tions to for exten
the Outfit of [illegible]

No 16/4

[illegible] Supdt [illegible]