(1) Number of pages 54

(2) Date of repair 31.7.87

(3) Initials of the Referencer bva

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No. / **B.P. No.** 3246 W   **Press.** / **Mis.**

Dated 14.11.1883 ~~198~~.

Not to be folded or roughly handled.

Archives — I 10,006-9 80

3246/1

14th November 1883, No. 3246 W., Public Works.

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, 30th August 1883, No. 239.

In the resolution of Government, 18th February 1882, No. 205, Judicial, the attachment of a cellular prison to each central jail was approved. I have now the honor to forward, for sanction, plans and estimates for constructing a cellular prison at Vellore.

1 Letter from the Superintending Engineer, dated 28th August 1883, No. 166-C.M.
1 Report.
1 Specification.
1 General abstract.
1 Duplicate do.
5 Sheet tracings.
7 Estimates.

2. It is proposed to enclose a space on the south-west side of the central jail with a wall 13 feet in height, utilizing a portion of the south boundary wall of the central jail. Within this enclosure will be built 78 cells in six radial blocks, each block consisting of 13 cells.

3. The size and dimensions of the cells will be the same as those constructed at Palamcottah which, experience has shown, are sufficiently large for prisoners undergoing long sentences of confinement.

4. Sufficient space is enclosed to allow free circulation of air between the blocks of cells and the means of affording the prisoners exercise in the open air. The prisoners' food will be cooked in the kitchens of the central jail ; a separate cook-room will therefore not be required.

5. The existing back gate of the central jail will be preserved but a gate-keeper's lodge must be constructed within the enclosure of the cellular prison. The superintendent should have the means of direct access to the cellular prison. A small wicket door will therefore be kept for the use of the superintendent, otherwise he will have to go all the way round to the main gate and from thence through the central jail, which will be a considerable distance.

6. The only subsidiary buildings within the enclosure besides the gate-keeper's lodge, will be the store-room, the bath and the filter.

Store-room.—Instead of having one room 30′ × 14′, I would propose two rooms 14′ × 16′ ; each one of the room should be fitted with shelves ; the windows ought to be defended with iron-bars and with batten shutters opening outside.

Bath.—The bath should be divided, by means of wooden partitions, into compartments, so that 26 convicts bathing at one time are unable to see each other whilst at the bath. The plan of the bathing cistern erected at the Penitentiary should be followed.

Water Supply.—There being a well of good water in the old "corah mat manufactory" it is proposed to raise the water therefrom and by means of an open channel to run the water a distance of about 187 feet into the prison as shown in the plan. Instead of this primitive and rude arrangement I would suggest that the water be raised from the well into a tank cistern by means of a double barrelled rotatory pump such as are used at railway stations. The water from the cistern might then be conveyed into the jail by means of pipes, and a standpost with a draw-off cock be placed conveniently in the cellular prison to fill the bathing cistern and the filter. The water will be pumped up into the tank cistern near the well by prisoners in the central jail. This arrangement will not compromise individual separation of the prisoners in the cellular jail.

7. Without presuming to interfere with professional matters, I venture to make a few remarks on the specification drawn up by the Executive Engineer.

At Palamcottah the boundary wall and the brick-work of the jail buildings are not plastered, and I would suggest that this course should be followed at Vellore. Plastering is often a useless expense, only serving to hide bad work and material. If the best material and work are only used neither protection nor concealment are required.

The bricks used for arches should be cut or rubbed to form. If this precaution is not taken the arches are likely to crack.

I would suggest the use of cement concrete for flooring instead of asphalte, as the latter is likely to become softened in the hot weather and is apt to break up. Unless the paving bricks or the tiles are remarkably good they will soon wear away in the gate-keeper's lodge, I should prefer stone. If practicable stone thresholds should be used for the cells, and each cell should have a vent hole to facilitate the washing out of the cell.

8. The sum of Rs. 10,000 has been allotted for the work in G.O., 15th August 1883, No. 2276 W. In order that this sum may be fully utilized during the current official year, I request early orders may be passed, and that the Superintending Engineer may be instructed at once to commence the collection of material. The trifling alterations I have proposed will not interfere with the general execution of the work.

No. 1669 C.

Memorandum by the Chief Engineer, Public Works Department.

In forwarding to the Superintending Engineer, Fourth Circle, the accompanying letter * from the Inspector-General of Jails, No. 239, dated 30th August 1883, the Chief Engineer has the honor to request that the plan and estimate for a cellular prison at Vellore may be revised with reference to the following observations :—

* With 17 enclosures.

(1) Rubble masonry, if of good quality and cheaper, may be substituted for brick-work in the foundations and basement, as suggested by the Superintending Engineer.

(2) Plaster to inside of walls may be omitted. Superintending Engineer will also consider if plastering of exterior walls may not also be struck out, and if he concurs, the estimate may be altered accordingly.

(3) Pumps and pipes for the water-supply may be added to the estimate as prepared by Inspector-General.

(4) Alterations to store-room and bath, floorings and stone thresholds and vents to cells, &c., should be made. It might also be considered whether ordinary mud floorings to the buildings would not suffice.

(5) The end-walls of the radial blocks ought perhaps be two feet thick, or be buttressed as there will be some thrust from the flat arched roofs of 7 feet 6 inches span.

(6) It may be worth considering whether the position of the gate-keeper's lodge, abutting against jail wall, may not afford opportunities of escape.

(By Order,)

Madras,
6th September 1883.

(Signed) C. BOWEN, Major, R.E.,
Deputy Chief Engineer, P.W.D.

From Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 17th October 1883, No. 176 (through the Inspector-General of Jails).

I have the honor to re-submit the plans and estimates * of the close prison proposed to be constructed at Vellore, which have been revised with reference to the instructions contained in the Inspector-General's letter,† No. 239, of 30th August 1883, and your memorandum,† No. 1669 C., dated 6th September 1883.

* Amounting to Rs. 40,970.

† Herewith sent for convenience of reference.

2. The estimates now provide for rubble masonry in foundations and basement and table moulded brick in chunam, pointed, for the superstructure.

3. The supply of water to the filter and to the bath will be by means of a double rotatory lift pump and iron piping, as requested by the Inspector-General.

4. The alterations to store-room, bath, and floorings, and provision of stone thresholds and vents to the cells, will be made as directed. The Inspector-General prefers concrete flooring to the cells to be laid according to the specification furnished by him, copy of which is herewith sent.

5. By an oversight, when first submitting the plans, the end walls of the blocks were shown only of the same thickness as the partition walls; but, as suggested in your memorandum, they will be made 2 feet thick.

6. The gate-keeper's lodge will be built at a distance of 20 feet from the main wall of the central prison.

7. I have shown the plans and report to Colonel Tennant who agrees with me that the inside of the walls of the cells, &c., should be plastered; he wishes the floor of the bathing cistern sunk to the level of the ground, and sent me the specification of concrete flooring mentioned above. In other respects he approves.

8. If the estimates be sanctioned and permission given at once to go on with the work, Rs. 10,000 can be spent upon it before 1st April next; possibly more may be spent if the Superintendent of the Madras Penitentiary can undertake to make up the iron work. But this will be reported, if necessary, later on, and an allotment of Rs. 10,000 will be sufficient now to start the work.

From Colonel T. E. TENNANT, Inspector-General of Jails, to the Chief Engineer, Public Works Department, dated Ootacamund, 18th October 1883, No. 286.

In forwarding the accompanying letter ‡ from the Superintending Engineer, Fourth Circle, submitting estimates amounting to Rs. 40,970 for constructing a close cellular prison at Vellore, I have the honor to state that having been in personal communication with Colonel Beatty, I have no further suggestions to offer than those stated in the Superintending Engineer's letter.

‡ No. 176-C E.W., dated 17th October 1883, with 18 enclosures.

2. With regard to funds it is mentioned in the statement printed with G.O., No. 2276 W., dated 15th August 1883, Public Works Department, that "appropriation of funds can be considered after the estimates have been sanctioned." I would suggest that inquiry be made whether the whole of the allotment for the new district jail now building at Tanjore will be spent during the current year. If not, a portion of the money surrendered may be transferred to this work.

Order—dated 14th November 1883, No. 3246 W., Public Works.

The estimate, amounting to Rs. 40,970, for constructing a cellular prison at Vellore, is sanctioned for entry in the budget for 1884-85.

2. The Superintending Engineer, Sixth Circle, will report whether any portion of the current year's grant for the new district jail at Tanjore can be made available for immediate transfer to this work. Meanwhile an appropriation of Rs. 10,000 is made from the Provincial Reserve. Arrangements should be made for utilizing the allotment.

3. This sanction has been registered as Provincial No. 160 W. of 1883-84 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle, with fifteen enclosures.
" " " Sixth Circle.
" Examiner, Public Works Accounts, with general abstract estimate.
" Inspector-General of Jails.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated November, 14th.

Recd. *Encl.*

G.O., 14th Nov. 1883, No. 3246 W.

NOVEMBER.

Cellular Prison

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

3246/4

15th August 1883, No. 2276 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From Colonel T. E. TENNANT, Inspector-General of Jails, to the Chief Engineer and Secretary to Government, Public Works Department, dated Ootacamund, 4th July 1883, No. 170.

I have the honor to submit a statement showing the sanctioned works for which provision of funds is required.

2. In surrendering the Convict Labor Fund, Government promised "to allot on jails, for some years to come, at least the equivalent of the average annual expenditure on jails from Convict Labor Fund and Provincial."

3. The balance to the credit of the Convict Labor Fund on the 31st March 1882 amounted to Rs. 1,60,533-4-5 and the subsequent credits up to March 1883 amount to Rs. 82,532-5-0, making a total of Rs. 2,43,065-9-5. I have not received from the Accountant-General the particulars of the amounts expended, but there are ample funds to provide for all the works entered in the statement under the head "Convict Labor Fund."

4. There is also the sum of Rs. 30,000 provided in this year's budget for the new District Jail at Kurnool, as the construction of this new Jail must be deferred pending the decision of Government on the prospective removal of the Kurnool Court. I request that this amount may be transferred to other jail works requiring allotment, such as the Store-room at the Penitentiary, Warders' quarters at the District Jail at Ootacamund, the Close Cellular Prisons at Vellore and Coimbatore, and the new District Jail and Close Prison at Trichinopoly.

G.O., dated 1st August 1883, No. 1623, Financial.

Read—the following papers :—

Memorandum from the Public Works Department, dated 13th July 1883, No. 224 E.

Letter from the Inspector-General of Jails, dated 20th July 1883, No. 182.

Abstract.—Intimating that a statement showing the sanctioned works for which provision of funds is required was forwarded to the Chief Engineer on the 4th July 1883.

Order—dated 1st August 1883, No. 1623, Financial.

The sum of Rs. 50,000 will be placed at the disposal of the Public Works Department, with request that it may be allotted to *sanctioned* estimates for jail buildings.

(True Extract.)

(Signed) E. F. WEBSTER,
Acting Chief Secretary.

ORDER—dated 15th August 1883, No. 2276 W., Public Works.

The Government, in the Financial Department, having placed at the disposal of the Public Works Department the sum of Rs. 50,000 to be allotted for sanctioned jail works, that sum has been appropriated as shown in column 9 of the statement of jail works requiring funds which accompanies this resolution.

2. The appropriations already made for the marginally noted works from the Provincial Reserve are resumed and credited to the reserve with Government, as funds for their completion have been assigned from the grant made by the Financial Department.

	RS.
Constructing Police lines for the Jail guard attached to the Párvatipur Jail	3,723
Converting the unused general latrine attached to the District Jail at Cannanore into a Civil Debtors Jail, &c.	926
Constructing 20 Police-huts for the guard for the Guntúr Jail	1,600
Sub-Jail with out-houses at Mannárgudi	909
Repairing the Civil Debtors Jail at Madras	2,691

(True Extract.)

(Signed) R. H. SANKEY, Major-General, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Inspector-General of Jails.
" Judicial Department.
" Financial do.

Exd. E. Fernandez.
Spare Copies

3246/5

GENERAL.
ACCOUNT.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated August, 15th.

Recd. *Encl.*

G.O., 15th Aug. 1883, No. 2276 W.

AUGUST.

Sanctioned Jail Works

The sum of Rs. 50,000 placed by the Financial Department at the disposal of the Public Works Department to be allotted for — distributed among the several works requiring funds.

3246 / 6

Appendix to G.O., dated 15th August 1883, *No.* 2276 *W.*

Statement of Provincial Jail Works requiring Funds in 1883-84.

Division.	Item No.	Name of Work.	Amount of Estimate.	Number and Date of Sanction.	Past Expenditure.	Balance of Estimate.	APPROPRIATION.	Amount appropriated.	Item No.	Remarks.
							Applied for			
1	2	3	4	5	6	7	8	9	10	11
			RS.		RS.	RS.	RS.	RS.		
Ganjam ..	1	Erecting a wall round the old general latrine and re-roofing the under-trial ward in the District Jail at Berhampore.	2,190	G.O., No. 507 W., dated 15th Feb. 1883.	1,834	356	2,190	..	1	No appropriation necessary as the balance of estimate is only Rs. 356.
Vizagapatam ..	2	Constructing quarters for the Deputy Jailor, Warders and Head Constables attached to the District Jail at Vizagapatam.	5,100	G.O., No. 203 W., dated 18th Jan. 1883.	1,099	4,001	5,100	4,000	2	
Do. ..	3	Constructing Police lines for the Jail guard attached to the Párvatipur Hill Jail.	4,570	G.O., No. 799 W., dated 12th Mar. 1883.	847	3,723	4,570	3,723	3	
Godávari Eastern.	4	For water-supply and drainage of Central Jail at Rajahmundry.	22,164	G.O., No. 2507 W., dated 26th Sept. 1882.	285	21,879	15,160	10,000	4	
	5	Constructing a close prison at the Central Jail at Rajahmundry.	..	....	..	..	4,000	..	5	Appropriation of funds can be considered after the estimate has been sanctioned.
Nellore ..	6	Alterations to the District Jail at Nellore ..	4,920	G.O., No. 472 W., dated 13th Feb. 1883.	637	4,283	4,920	4,283	6	
Bellary ..	7	Constructing Deputy Jailor's quarters with out-houses at the District Jail at Bellary.	5,037	G.O., No. 201 W., dated 18th Jan. 1883.	..	5,037	5,037	5,037	7	
North-Arcot ..	8	Constructing a close prison at the Central Jail at Vellore.	..	....	..	..	10,000	..	8	Appropriation of funds can be considered after the estimate has been sanctioned.
Do. ..	9	Constructing a residence for the Superintendent of the Central Jail at Vellore.	26,080	G.O., No. 279 W., dated 26th Jan. 1883.	6,820	19,260	19,080	10,000	9	
Do. ..	10	Repairs to the roof of the Central Jail at Vellore.	10,104	G.O., No. 864 W., dated 16th Mar. 1883.	..	10,104	10,104	..	10	Funds separately provided, *vide* G.O., No. 1086 W., dated 11th April 1883.
Trichinopoly ..	11	Constructing a close prison at the Central Jail at Trichinopoly.	..	....	..	..	5,000	..	11	Appropriation of funds can be considered after the estimate has been sanctioned.
Do. ..	12	Constructing a District Jail at the Central Jail at Trichinopoly to contain the prisoners of the District Jail, Trichinopoly.	..	....	..	..	5,000	..	12	Appropriation of funds can be considered after the estimate has been sanctioned.
Coimbatore ..	13	Converting the unused general latrine attached to the District Jail at Calicut, into a Civil Jail for Debtors, and constructing a bathing cistern with enclosure.	4,100	G.O., No. 2162 W., dated 22nd Aug. 1882.	3,174	926	5,104	926	13	

Statement of Provincial Jail Works requiring Funds in 1883-84—*cont.*

Division.	Item No.	Name of Work.	Amount of Estimate.	Number and Date of Sanction.	Past Expenditure.	Balance of Estimate.	Appropriation. Applied for	Amount appropriated.	Item No.	Remarks.
1	2	3	4	5	6	7	8	9	10	11
			RS.		RS.	RS.	RS.	RS.		
Coimbatore ..	14	Constructing Medical Subordinates quarters with out-houses at the Central Jail at Cannanore.	1,500	G.O., No. 3277 W., dated 12th Dec. 1882.	..	1,500	1,500	1,500	14	
Do. ..	15	Extension to the Workshop accommodation at the Central Jail at Cannanore.	1,750	G.Os., No. 2692 W., dated 16th Oct. 1882, and No. 323 W., 30th Jan. 1883.	..	1,750	1,750	1,750	15	
Do. ..	16	Repairing the roof of the Jail Superintendent's quarters attached to the Central Jail at Cannanore.	916	....	..	916	916	916	16	
Do. ..	17	Constructing three cells for the condemned prisoners at the District Jail at Mangalore.	..	....	..	..	1,200	..	17	Appropriation of funds can be considered after the estimate has been sanctioned.
Do. ..	18	Constructing a close prison at the Central Jail at Coimbatore.	..	....	..	..	5,000	..	18	Appropriation of funds can be considered after the estimate has been sanctioned.
Nilgiri ..	19	Constructing quarters for eight warders attached to the District Jail at Ootacamund.	2,853	....	..	..	2,853	2,665	19	
Presidency ..	20	Constructing a store-room for keeping paper, &c., of the Printing Department attached to H. M. Penitentiary at Madras.	..	....	..	..	5,714	..	20	Estimate not yet sanctioned.
Kistna Western.	21	Constructing 20 police-huts for the guard of the Guntur Jail (excluding prison labor Rs. 1,712).	4,848	G.O., No. 909 W., dated 12th April 1882.	4,786	62	..	1,600	21	Convict labor not available to the extent provided in estimate.
South Arcot ..	22	Sub-jail with out-houses at Mannárgudi ..	6,660	G.O., No. 1063 W., dated 28th April 1882.	5,751	909	..	900	22	
Tanjore ..	23	Improvements to the Sub-jail at Nannilam ..	1,100	G.O., No. 663 W., dated 1st Mar. 1883.	..	1,100	..		23	No funds.
Negapatam ..	24	Constructing compound wall with gate around the Sub-jail at Negapatam.	1,165	G.O., No. 2305 W., dated 14th Oct. 1880.	920	245	..	..	24	Appropriation not necessary under Code 2298, III.
Nellore ..	25	Constructing Sub-jail at Davi	4,550	G.O., No 1991 W., dated 18th July 1883.	..	4,550	..	..	25	Full sum provided in the Provincial Budget for 1883-84.
Bellary ..	26	Subsidiary Jail at Alúr	10,770	G.O., No. 2143 W., dated 13th May 1878.	..	10,770	..	..	26	No funds.
Coimbatore ..	27	Constructing an Upper Story to the Jailor's Quarters in the Central Jail at Coimbatore.	1,350	G.O., No. 1998 W., dated 19th July 1883.	..	1,350	..	..	27	To be executed from Jail Funds by the Jail Department.
Presidency ..	28	Repairing the Civil Debtors Jail at Madras ..	2,691	G.O., No. 2185 W., dated 8th Aug. 1883.	..	2,691	..	2,691	28	
		Total ..	..		..	..	..	50,000		

324/7

18th September 1883, No. 2634 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 13th September 1883, No. 389 :—

With reference to your memorandum, No. 1669 C., of 6th instant, and the letter of the Inspector-General of Jails which accompanied it, as there will be some delay in correcting the plans and estimates to meet the instructions now received, I have the honor to request permission to commence work on the rubble masonry of foundations and basement in anticipation of sanction to the estimates, in order that the sum of Rs. 10,000 allotted may be spent.

2. The Inspector-General should have furnished a plan of the description of baths he desired built. There will be some delay in obtaining information about this from the Penitentiary.

3. There will also be delay in obtaining information about double barrelled rotatory pumps and other iron-work in connection with the water-supply. Nothing was said about this being wanted when the estimate was asked for. The predecessors of the present Inspector-General have, to my knowledge, objected to pumps being used in jails, on the ground that they are very apt to get out of order and difficult to get repaired at an upcountry station with no workshops near. I have, however, now requested the Executive Engineer in revising the estimate to provide pumps and iron-work.

4. With regard to the Inspector-General's remarks on brick-work, it is not a question of good or bad work as he imagines, but simply one of expense. As the walls are not to be plastered, table-moulded bricks must be used instead of the ground-moulded ones provided in the original estimate. This will be a source of delay, as the north-east monsoon (the principal one in North Arcot) is at hand, and contractors will not undertake this special manufacture till the monsoon is over.

Order—dated 18th September 1883, No. 2634 W., Public Works.

The attention of the Superintending Engineer, Fourth Circle, is called to the statement printed with G.O., No. 2276 W., dated 15th August 1883, in which no allotment was made for the construction of a close prison at the Central Jail, Vellore.

2. The Superintending Engineer's remarks will be communicated to the Inspector-General of Jails.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle.
" Inspector-General of Jails, with copy of Memorandum No. 1669 C.
" Judicial Department.

Exd. A. F. Goodall.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated September, 18th.

Recd. *Encl.*

G.O., 18th Sept. 1883, No. 2634 W.

SEPTEMBER.

Close Prison at Vellore

Passing orders on letter from the Superintending Engineer, Fourth Circle, requesting permission to commence work on the new —, and making certain remarks on the estimate and design.

3246/8

With reference to my last remark — about starting work — it is subject to B. reporting that funds are available. Inspector genl. says an allotment has been made.

C.A.
4/9

No funds at present available
5/9

B/
Please furnish
Budget note

No. 7575

P. W. Secretariat.

3246/9

Note by Budget Section.

ork

Remarks and References.

lar

Rs

32,600

"

"

32,600

ilable funds.

was entered in the State
which funds are required, amt.
sanct., and it remains
to be seen, if any funds will be assigned
from the amount transferred from
Establishment.

4/9
Budget Clerk.

No funds allotted.

BUILDINGS AND ROADS
CIVIL WORKS.

Govt. of (1883) Ma

PUBLIC WORKS

Close Prison at Vellore

Passing orders on letter from the Sup
tending Engineer, Fourth Circle, reque
permission to commence work on the new
and making certain remarks on the esti
and design.

P. W. Secretariat.

C. No. 7575

3246/9

Note by Budget Section.

Work Construction of a cellular prison at Vellore

Remarks and References.

Fund Provincial.
Service Head Civil Buildings
Departmental Head Original Works
Amount of Estimate ... ... Rs. 32,600
Expenditure in previous year ... ... " "
Allotment in current year ... ... " "
Balance required to complete ... ... " 32,600
Total Rs...

Note of available funds.

This work was entered in the statement of works for which funds are required & sent to Govt. on Saturday last, and it remains to be seen, if any funds will be assigned from the amount lately transferred from Establishment.

4/9
Budget ~~Clerk.~~

No funds allotted.

Note by Budget Section.

Public Works Department, 1883-84.

3296/10

Current No. 7575

Letter No. 239

Dated the 30th August/83

From the Inspr. Genl. of Jails

NOTE OF REMARKS.

1. The accompanying plans and estimate provide for the construction of a cellular prison at Vellore. Amount of estimate is Rs. 32,600.

2. The various parts of the work are:— Six blocks of cells – Rs. 22,560; compound wall – Rs. 6,975; [illegible] – Rs. 1,200; Store shed – Rs. 1,080; Bath – Rs. 350; Gate keepers lodge – Rs. 270; and a filter – Rs. 165

3. Among the alterations and suggestions made by the Inspr. Genl. of Jails are — the division of the store shed into two rooms; the adoption of pumps and pipes to convey water to bath and filter; the substitution of concrete for asphalte for flooring; and the non-employment of plaster. He alludes to two or three other trifling points which, so to say, he does not enter into a question of comparative importance raised by the Superg. Engr. as to whether foundations and basement may not be built of rubble masonry.

Return the Plans & Estimate to S.E. & forward to him copy of Inspector General's letter with the following observations:—

1. Rubble masonry, if of good quality & cheaper, may be substituted for brickwork in foundations & basement, as suggested by S.E.—

2 – Plaster to inside of walls may be omitted. S.E. will also consider if plastering exterior of walls may not also be struck out, & if he concurs the estimate may be altered accordingly.

3 – Pumps & pipes for the water supply may be added to Estimate as proposed by Inspector General.

4 – Alterations to store-room & baths, floorings & stone thresholds & vents to cells* should be made. It might also be considered whether ordinary mud floorings to the buildings would not suffice.

5 – The end walls of the radial blocks ought perhaps to be two feet thick or be buttressed as there will be some thrust from the flat arched roofs of 7'6" span.

6 – It may be worth considering whether the position of the gate keeper's lodge, abutting against jail wall may not afford opportunities of escape.—

Pending sanction the preparation & collection of materials may be put in hand, foundations excavated, &c.—

C.J.
4/9

which would effect a saving
– this may be accident.
Plans and estimates have
been countersigned by the
Inspr. Genl. of Jails.

4th Sept/83
B.S.H.

P.W. Deptt
Madras 6th Sept/83

3240/11

No. 1669 C.

Memorandum

Letter from the Inspector-General of Jails No 239 d/ 30th August 1883

In forwarding to the Superintending Engineer, Fourth Circle, the accompg* letter from the Inspector-General of Jails No 239 d/ 30th August 1883, the Chief Engineer has the honor to request that the plan and estimate for a Cellular prison at Vellore may be revised with reference to the following observations —

*with 17 enclosures.

Rubble masonry, if of good quality & cheaper, may be substituted for brick-work in foundations & basement, as suggested by the Supg Engineer.

2. Plaster to inside of walls may be omitted. Superintending Engineer will also consider if plastering exterior of walls may not also be struck out, and if he concur the estimate may be altered accordingly.

3 Pumps and pipes for the water-supply may be added to estimate as prepared by Inspector-General

4. Alterations to Store-Room & bath, floorings and Stone-thresholds & vents to cells &c should be made. It might also be considered whether ordinary mud floorings to the buildings would not suffice.

5. The end walls of the radial blocks ought perhaps be two feet thick

or

324E/17

or be buttressed as there will be some thrust from the flat arched roofs of 7'6" span.

6. It may be worth considering whether the position of the gate-keeper's lodge, & abutting against jail wall may not afford opportunities of escape.

(By order)

(sd) le Bowen Major R.E.

Deputy Chief Engineer

P. W. Deptt

Genl

To The Supg Engineer 7/9

Circle, with

letters above quoted & 17 encls

G.O. A/2276 W.a/ 15-8-83

No 1669 C.W./ 6-9-83

3246/13

List of plans, estimates &c. submitted with letter No. 176 C/W of 17th October 1883 regarding the Close Prison of Vellore

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1	Chief Engineer's Memo No. 1669 C of 6th September 1883.
1	Inspector General's letter No. 239 of 30th August 1883.
6.	Tracings
7.	Estimates
1	General Abstract
1	Report
1	Specification.
18	Total

Ootacamund
17-10-83.

J. Beatty. Col. R.E.
Supg Engr. 4. Circle

From

The Supg Engr
Fourth Circle

P.W. Genl
9227/83

Dated 17 } October 1883
Rd }

Encl. to No 176C
E.W.

List of Plans and Estimates submitted with letter No 176C/E.W. of 17 Octr/83

No 239

3246/14 P1

Ootacamund 30th August 1883.

From
Colonel T. C. Tennant
Inspector General of Jails

To
Major General R.H. Sankey C.B. R.E.
Chief Engineer & Secretary to Government P.W.
Ootacamund

Sir

In the Resolution of Government 18th February 1882 No 205 Judl the attachment of a cellular prison to each central jail was approved. I have now the honor to forward for sanction plans and estimates for constructing a cellular prison at Vellore.

2 It is proposed to enclose a space on the South-west side of the central jail with a wall 13 feet

in height; utilizing a portion of the south boundary wall of the central jail. Within this enclosure will be built 78 cells in 6 radial blocks, each block consisting of 13 cells.

3. The size and dimensions of the cells will be the same as those constructed at Palamcottah which experience has shown are sufficiently large for prisoners undergoing long sentences of confinement.

4 Sufficient space is enclosed to allow free circulation of air between the blocks of cells and the means of affording the prisoners exercise in the open air. The prisoners food will be cooked in the kitchens of the central jail, a separate cook room will therefore not be required.

5. The existing back gate of

of the central jail will be preserved but a gate keepers lodge must be constructed within the enclosure of the cellular prison. The superintendent should have the means of direct access to the cellular prison. A small wicket door will therefore be kept for the use of the superintendent; otherwise he will have to go all the way round to the main gate and from thence through the central jail, which will be a considerable distance.

6. The only subsidiary building within the enclosure besides the gate-keepers lodge, will be the store room, the bath and the filter.

Store Room. Instead of having one room 30' × 14' I would propose 2 rooms 14' × 16' each one of the room should be fitted with shelves; the windows ought to be defended with iron bars and with batten shutters opening outside.

Bath. The bath should be divided by means of wooden partitions into compartments, so that 26 convicts bathing at one time are unable to see each other whilst at the bath. The plan of the bathing cistern erected at the Penitentiary should be followed.

Water Supply. There being a well of good water in the old "coral nut manufactory" it is proposed to raise the water therefrom and by means of an open channel to run the water a distance of about 187 feet into the prison as shown in the plan. Instead of this primitive and rude arrangement I would suggest that the water be raised from the well into a tank cistern by means of a

a double barrelled rotatory pump such as are used at Railway stations. The water from the cistern might then be conveyed into the jail by means of pipes and a stand post with a draw-off cock be placed conveniently in the cellular prison to fill the bathing cistern and the filter. The water will be pumped up into the tank cistern near the well by prisoners in the central jail. This arrangement will not compromise individual separation of the prisoners in the cellular jail.

7. Without presuming to interfere with professional matters I venture to make a few remarks on the specification drawn up by the Executive Engineer.

At Palamcottah the boundary wall and the brick work of the jail buildings are not plastered and I would suggest that this course should be followed at Vellore. Plastering is often a useless expense, only serving to hide bad work and material. If the best material and work are only used neither protection nor concealment are required.

The bricks used for arches should be cut or rubbed to form. If this precaution is not taken the arches are likely to crack.

I would suggest the use of cement concrete for flooring instead of asphalte, as the latter is likely to become softened in the hot weather and is apt to break up. Unless the paving bricks or the tiles are remarkably good they will soon wear away in the gate Keeper's lodge; I should prefer

stone

stone. If practicable stone threshholds should be used for the cells, and each cell should have a vent hole to facilitate the washing out of the cell.

8. The sum of Rupees 10,000 has been allotted for the work in G. O. 15th August 1883 No 2276 W. In order that this sum may be fully utilized during the current official year, I request early orders may be passed and that the Superintending Engineer may be instructed at once to commence the collection of material. The trifling alterations I have proposed will not interfere with the general execution of the work.

I have the honor to be
Sir
Your most Obedient Servant
J. E. Tennant.
Inspector General of Jails

PWD No 7575

Judl (1883) Departt.

SUPG ENGINEER'S OFFICE
No. 906W
18 SEP. 83
P.W.D.
FOURTH CIRCLE

From

The Inspector General of Jails,

to

The Chief Engineer and Secy to Government PWD.

PW No 3/9227/B

Dated 30th August 1883.

Recd 3/9/83

SUPG ENGINEER'S OFFICE
No. 805 ha
25 SEP. 83
P.W.D.
FOURTH CIRCLE

No 239.

EXECUTIVE ENGINEER
22 SEP. 83
P.W.D.
NORTH ARCOT DIVISION

Encls 17. (5 plans)

Forwarding plans and estimates for a cellular prison at Vellore with remarks.

16+17

Enclos. to letter No 1766 E.W. of 17-10-83

3206/18

P W Deptt
Madras 13th Septr/83

No 1669 C.

P 5

Memorandum

Letter from the Inspector General of Jails No 239 d/ 30th August 1883

In forwarding to the Supg Engineer, Fourth Circle, the accompanying letter* from the Inspector General of Jails No 239 dated 30th August 1883, the Chief Engineer has the honor to request that the plan and estimate for a cellular prison at Vellore may be revised with reference to the following observations:—

*with 17 enclosures

(1) Rubble masonry of good quality and cheaper, may be substituted

for brick-work in foundations & basement, as suggested by the Superintending Engineer.

2. Plaster to inside of walls may be omitted. Superintending Engineer will also consider if plastering of Exterior walls may not also be struck out, and if he concurs, the estimate may be altered accordingly.

3. Pumps and pipes for the water-supply may be added to the estimate as prepared by Inspector-General

4. Alterations to Store-room and bath, floorings and stone-thresholds & vents to cells should be made. It might also be considered whether ordinary Mud-floorings to the buildings would not suffice.

5 The

5. The end-walls of the radial blocks ought perhaps be two feet thick or be buttressed, as there will be some thrust from the flat arched roofs of 7'6" span.

6. It may be worth considering whether the position of the gate-keeper's lodge, abutting against jail wall may not afford opportunities of escape

(By order)

C. [illegible] Major R.E.
Deputy Chief Engineer
P W Deptt

No.

To
The Supg Engineer
4 Circle, with letter above quoted & 17 enclosures

Engineer's
No. 9064
8 SEP 83
P.W.D
Fourth Circle

No 2
9227

Executive Engineer
Reg'd No.
22 [illegible] 83
P.W.D.
North Arcot Division

Supg. Engineering Office
No. 805 ha
25 SEP 83
61
P.W.D.
Fourth Circle

3248/22

18 OCT 83

Supg. Engineer's Office 4th Circle,
Ootacamund 17th Oct. 1883.

No. 176

From,

The Superintending Engineer,
Fourth Circle.

To,
The Chief Engineer
P. W. Department
thro' the Inspector Gl. of Jails

Encs: 18 vide List attached.

Sir,

I have the honor to re-submit the plans and estimates[×] of the Close Prison proposed to be constructed at Vellore, which have been revised with reference to the instructions contained in the Inspector General's letter[×] No. 239 of 30th August 1883, and your Memo[×] No. 1669 C dated 6th September 1883.

× amounting to Rs 40,970

× herewith sent for convenience of reference.

2. The estimates now provide for rubble masonry in foundations and basement and table moulded brick in chunam, pointed, for the superstructure.

3. The supply of water to the filter, and to the bath, will be by means of a Double Rotatory lift pump and iron piping; as requested by the Inspector General.

4. The alterations to Store room, bath, and floorings, and provision of stone thresholds and vents to the cells, will be made as directed. The Inspector General prefers concrete flooring to the cells to be laid according to the specification furnished by him, copy of which is herewith sent.

5. By an oversight when first submitting the plans, the end walls of the blocks were shown only of the same thickness as the partition walls; but as suggested in your Memo, they will be made 2 feet thick.

6. The gate keepers lodge will be built at a distance of 20 feet from the Main wall of the Central Prison.

7. I have shown the plans and report to Colonel Tennant who agrees with me that the inside of the walls of the cells &ca. should be plastered pointed; he wishes the floor of the bathing cistern sunk to the level of the ground, and sent me the specification of concrete flooring mentioned above. In other respects he approves.

8. If the estimates be sanctioned and permission given at once to go on with the work, Rs 10,000 can be spent upon it before 1st April next; possibly more may be spent if the Superintendent of the Madras Penitentiary can undertake to make up the iron work. But this will be reported if necessary later on, and an allotment of Rs 10,000 will be sufficient now to start the work.

I have the honor to be
Sir
Your most Obt. Servt.
I. Beatty Col. R.E.
Supg Engr. 4th Circle

Mr. Clk. 9227

From

The Supg Engr.
Fourth Circle

To

The Chief Engr. P.W.D.
~~Thro' the Inspr. General of Jails~~

Dated 17 } October 1883
Recd 23 }

No. 176C / E.W.

Encs: 18 & 20
& 6 plans

Vide C. No. 9228

Close Prison at Vellore

Submitting estimate of Rs 40,970 for constructing the proposed new —

O.L.S. 8/10. Circ: 14/11

Madras 19/10

No. 286 3246/22

Ootacamund 18th October 1883.

89

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

C. No. 9227

No. 176C / E.W. dated 17th October 1883 with 18 Enclos

In forwarding the accompanying letter from the Superintending Engineer 4th Circle submitting estimates amounting to Rupees 40,970 for constructing a close cellular prison at Vellore I have the honor to state that having been in personal communication with Colonel Beatty I have no further suggestions to offer than those stated in the Superintending Engineer's letter

2. With regard to funds

1

it is mentioned in the statement printed with G.O No 2276 W dated 15th August 1883 P.W. & that "appropriation "of funds can be considered after "the estimates have been sanctioned".

I would suggest that enquiry be made whether the whole of the allotment for the new District Jail now building at Tanjore will be spent during the current year. If not, a portion of the money surrendered may be transferred to this work.

I have the honor to be
Sir
Your most Obedient Servant
J. E. Taggart,
Inspector General of Jails

P.W. C. No. 9228

G.O. No. 2276 W. d/15.8.83
" " 2634 W. d/14.9.83
No. 1669 C d/6.9.83

Jail (1883) Department.

From
THE INSPR.-GENERAL OF JAILS,

To
THE CHIEF Engineer and SECRETARY TO GOVT.,
D.P.W.
Ootacamund.

Dated 18th } October 1883.
Received 19th }
Reg 23

No. 286.

Enclosures { 19 + 1 sheet attached
+ Vide C.No. 9227 & 6 plans

Subject.

Forwards letter from Superintending Engineer 4th Circle submitting plans and Estimates for constructing Cellular prison at Vellore.

O.L.S. 2/10 Circ. 10/11 [illegible]

Public Works Department, 1883-84.

3206/24

B.

How can funds be found for this work which will have to be sanctd?

C.J.
24/10

D.W.

Please see budget note put up.

[illegible]
21/10

Current No. 9227 and 9228
Letter No. 1760 W and 286
Dated the 17th Octr/83 and 18th Octr/83
From the Supdg. Engr. 4th Circle and Inspr. Genl. of Jails

NOTE OF REMARKS.

1. The plans and estimate now re-submitted provide for the construction of a Cellular Prison at Vellore – Estimated cost is Rs. 40,970.

2. The whole design has been well and carefully prepared and is submitted in correct form. By a mistake the word 'plastered' has been substit for 'pointed' in para. 7 of S.E.'s letter.

3. All the instructions convey in W.D. Memo. No. 1669 C. of the 6th Sept./83 have been attende to, with two trifling except – if indeed they can be termed such. Mud flooring for cells and omission of plastering were suggested in W.D. Memo., concrete flooring has been retained and 'pointing' has been introduced at the request

of the Inspr. Genl. of Jails.

4. Plans and estimate have been countersigned by the Inspr. Genl. of Jails.

24th Octr/83

C. No. 9227 and 9228

P. W. Secretariat.

3246/25

Note by Budget Section.

Work Construction of a Cellular Prison at Vellore.

Remarks and References.

Fund Provincial
Service Head Civil Buildings
Departmental Head Original Works
Amount of Estimate … … … … Rs. 40,970.
Expenditure in previous year … … „ –
Allotment in current year … … … „ –
Balance required to complete … … „ 40,970
Total Rs. – – – –

Note of available funds.

There are no funds with Govt. that can be allotted for the work.

The Inspector General of Jails suggests that enquiry be made whether the whole of the allotment for the new District Jail now building at Tanjore will be spent during the current year, & if not, a portion of the money surrendered may be transferred to this work ~~Budget Clerk.~~

If approved, the work will be entered for execution in the budget for 1884-85.

24/10

Note by Budget Section.

No. 3246 W.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the Novr 14th/83

READ the following

From the Inspector General of Jails — H.S. No. 239 dated 30th August/83

Memo by the Chief Engineer P. W. Dept — No. 1669C d/6th Septr/83

From the Supdg Engineer Fourth Circle — No. 1760/E.W. d/17th Octr/83.

From the Inspector General of Jails — No. 286 d/18th October/83

The estimate amounting to Rs 40,970, for Constructing a cellular prison at Vellore, is sanctioned for entry in the Budget for 1884-85

2. The Superintending Engineer Sixth Circle will report whether any portion of the current year's grant for the new district Jail at Tanjore

~~The Hon. [illegible]~~

Tanjore can be made available for immediate transfer to this work. Meanwhile an appropriation of Rs10,000 is made from the Provincial Reserve. Arrangements should be made for utilising the allotment.

3. This Sanction has been registered as Prov. No. 160 of 1883-84, and classified as Civil Buildings Original works.

29/10

12-11-83

14-11-83

12/11

To

The Supdg. Engr. Fourth Circle
with 15 enclos.
" Supdg. Engr. Sixth Circle
" Examr. P.W. accounts
with General abstract Estte
" Inspector General of Jails
" Judicial department
(Chief Secy for countersignature)

3246/27

9128 &c

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated

Encl. Encl.

G. O., 14 Nov 1883, No. 3246-W

Nos.

Cellular prison

=

An Est. for constructing a — at Vellore sanctioned for entry in the Budget for 1884-85

[illegible]