Proceedings of the Madras Government, Public Works Department,
24th January 1866.

Read the following papers :—

No. 598. From the Officiating Superintending Engineer, 1st Division, to the Under Secretary to Government, Public Works Department, dated Waltair, 5th October 1865, No. 1,166.

1 Report.
1 Plan.

* Judicial Department.

1. I have the honor to transmit herewith the Report called for in G. O. No. 877* of 16th June 1865 of a Committee on the Berhampore Jail.

2. I need only observe that the Executive Engineer at Berhampore has been called on to furnish the requisite Plans and Estimates as early as possible, in accordance with the Committee's Report.

3. I have also furnished him with a copy of the Proceedings of Government of 5th September, and called his attention to the Order regarding the distance of the wall from the Jail buildings, the opinion of the Waltair Committee that a latrine for females is unnecessary, in connection with the Hospital, as they would be treated in their own ward, and that it is advisable to have the large privy a hundred yards off outside the Jail wall.

REPORT.

1. In accordance with the instructions of Government contained in the 5th paragraph of their Proceedings in the Judicial Department, No. 877, dated June 16th, we have the honor to submit the following Report to illustrate the accompanying Plan of alterations and improvements in the Jail at Berhampore. We will first mention the alterations we would propose in the present Jail, and then the additions which we consider to be absolutely necessary for its improvement.

2. A NEW INNER GATE.—To render the entrance more secure, and to prevent attempts at escape, we think an interior iron gate should be placed across the entrance arch, and that a wicket gate should be made in it and in the present outer gate, so that neither of them need be opened to admit people entering the Jail. Both wicket gates should not be opened at the same time. The new inner gate should open at the centre to admit of the entrance of a cart. The four inner windows of the Jailor's house and of the guard room opposite should be defended with strong iron bars.

3. SOLITARY CELLS.—We propose two solitary cells should be built in the entrance court of the present Jail, one at the end of each block to the right and left on entering. The one on the right should generally be used for prisoners sentenced to solitary confinement. The inmate will be entirely cut off from communication with the other prisoners, as the cell will be connected with the adjoining block only by a dead wall. Light will be admitted from above, and a grating can be put near the floor to admit of a free current of air. The other cell we would make larger and lighter, in order that it may be used for European prisoners should any be sent to the Jail, and may at other times be used for men sentenced to solitary confinement, for condemned prisoners, or for others who may require to be kept apart for a time. We would recommend that these cells should be built at once, as they have already been sanctioned.

4. INTERIOR WALLS TO BE PULLED DOWN.—Nine feet of the radiating walls which now connect each block and the outer wall should be knocked down to admit of a free circulation of air through the building. This space will be quite broad enough to permit of a cart being taken round the Jail to the latrines to carry away the *poudrette*.

5. PALISADES.—The walls which now divide the court-yards being thus pulled down, it will be necessary to separate the yards in a different manner, in order to prevent the prisoners from going about from yard to yard, or joining together in one court for the purpose of resisting the autho-

rities. A strong wooden palisade should therefore be erected across each yard parallel to the outer wall at a distance of nine feet. A second palisade will separate the new Hospital Court from the body of the Jail.

6. VENTILATION.—We do not think that more ventilation is required, with the exception of a ventilator to be placed in each gable of the inner Wards, which having one window less are not so airy as the inner Wards. The ventilation through the external wall, there being room enough for a pigeon to pass to and fro; it would be in addition to the openings that pierce through the solid stone walls to admit of more lateral ventilation, and [illegible] when the maximum number of prisoners in a Ward shall have been limited to twelve. Pantiles have, moreover, been exclusively used in the construction of the Jail, thus permitting a free exit of air between each tile in the roof.

7. PROTECTION FROM COLD AND RAIN.—We have experienced some difficulty in deciding on the best manner of protecting the inmates of the present Wards in the cold and rainy seasons. We object to verandahs, sun-shades, and other similar contrivances for several reasons. The circulation of air would be impeded by verandahs, no protection would be afforded by sun-shades, unless they came down very low, and it would be difficult to fasten them into the stone walls, and doors could not be placed over the present iron gratings which turn on centre pivots. We think the best protection will be afforded by chicks made of split bamboo, such as are used here, and these can be completed with cloth in the cold weather and tied to the iron work.

8. ADDITIONS.—We now proceed to notice the additions which we propose. The [illegible] building is a double hexagon having twelve faces. We would have the three faces exactly opposite the entrance pulled down, and the building extended [illegible] which will leave no superfluous space between the new and additional buildings. The only [illegible] ground is in this direction. The outer wall of the new Court might, perhaps, be a little [illegible] the present outer wall.

9. NEW COURT.—This Court is intended to contain a Hospital and its conveniences, a Ward for Civil defaulters, a shed for cooking, a bathing place, and a latrine.

Hospital.—The Hospital will consist of two rooms, one being intended for contagious diseases, a surgery, a bath-room, a privy for the use of those who may be very ill, and a verandah in front and rear. At a little distance from the Hospital will be a godown and cook-room on one side, and a dead-house and two latrines, one for male patients the other for female on the other side. The present surgery in the centre tower can be used as the Jail Office.

10. CELL FOR CIVIL DEFAULTERS.—As we think it right that Civil defaulters should be kept separate from the other prisoners, we propose that a cell should be built for their accommodation, a small cook-room, and a latrine being placed at a little distance.

11. COOKING SHED.—Facing the Civil defaulter's cell, and at right angles to the Hospital, will be a long shed for cooking: this position being chosen for it so that it may not keep the air from the Hospital nor incommode the patients.

12. WELL AND BATHING PLACE.—Behind the [illegible] we propose that a new well should be sunk, the water to be used entirely for the [illegible] bathing, and a bathing place constructed.

13. LATRINE.—Finally, we would recommend that a latrine of the most approved construction be built behind the Hospital; a third well could be sunk here solely for the convenience of those who use the latrine. A cast iron box, to be used as an urinal on the dry conservancy system, should be placed at the end of the working shed in each of the old Courts. The present latrines should be removed.

14. DRAINS.—Sub-soil drains will be dug throughout the Jail.

15. ESTIMATE.—We are unable to form an Estimate of the probable cost of the proposed additions and alterations, because a great proportion of the iron work required, especially that for latrines, will have to be obtained from Madras.

Proceedings of the Madras Government, Public Works Department.
24th January 1866.

16. JAILOR'S HOUSE.—Should the new system of intra-mural labor be introduced and a store of grain laid in, as provided in paragraph 364 of the proposed Rules, we would recommend, in preference to building new sheds, that the two rooms now occupied by the Jailor and his family be converted into a granary, and a separate house built for him outside the walls, but in the immediate vicinity of the Jail.

17. FEMALE WARD.—We do not recommend the construction of a new female Ward, as, with the proposed reduction in the number of prisoners, one of the present Wards can be still appropriated to the use of females: proper conveniences for them being made by the side of the smaller solitary cell.

18. PRESENT WELL.—We would observe, in conclusion, that the water in the present well has considerably improved it is now very good, and there seems to be an unfailing supply. It ought to be reserved entirely for drinking.

(Signed) H. MORRIS,
Officer in charge of the Jail.
(Signed) C. L. PHILIPPS, Captain,
Executive Engineer.
(Signed) R. W. COCKERILL,
Zillah Surgeon.

BERHAMPORE,
25th August 1865.

(Signed) J. BEATTY, Captain, R. E.,
Offg. Superintending Engineer, 1st Division.

Referred to the Judicial Department.

FORT SAINT GEORGE,
13*th October* 1865.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government, P.W.D.

No. 599. From the Officiating Superintending Engineer, 1st Divison, to the Secretary to Government, Department Public Works, dated Waltair, 7th November 1865, No. 1,644.

9 Plans.
1 Abstract Estimate.
1 Report, with Appendix II.

* Transmitted to Government with my letter No. 1,166 of 5th ultimo.

1. I have the honor to submit herewith the Plans and Estimate, prepared in accordance with the report* of the Committee assembled at Berhampore, under the instructions contained in G. O. No. 877 of 16th June last.

2. The original Estimate of this Jail, amounting to Rupees 17,730, was sanctioned in G. O., No. 1,594 of 26th September 1862, and the work was completed on the 27th February 1864 at a cost of 17,959 Rupees.

3. The present Estimate which provides for removing one-half the present enclosure wall, and extending it, so as to include the additional buildings now considered requisite, amounts to Rupees 14,318, so that the total cost of the Jail when completed would be Rupees 32,277.

4. A general Plan showing the disposition of the several new buildings in regard to the Wards now in use was forwarded with my letter No. 1,166 of 5th ultimo.

5. The additional works now proposed are as follows:—

Hospital with Out-houses.
Civil Debtor's Ward with do.
Cooking Shed.
Solitary Cell for Europeans
Do. for Natives.
Two Wells, and one Madras Latrine.

6. The cost of the "Madras Latrine" has been assumed at Rupees 2,600, as the cost of the iron work cannot be exactly determined.

7. A Report, by the Executive Engineer of Ganjam, accompanies the Estimate, and by an Appendix to it you will observe that the Committee re-assembled to consider the advisability or otherwise of enclosing a larger space of ground within the outer boundary wall, and of placing the large latrine outside the wall; but for reasons given they have adhered to their original plan.

APPENDIX.

Further remarks to accompany the estimate for the proposed *additions to the Zillah Jail at* Berhampore.

The Committee having again assembled at the Jail, and taken into consideration the Officiating Superintending Engineer's letter No. 1,181, dated 6th October, desired the Executive Engineer to report that they adhere to their original proposals for the following reasons:—

(1.) That the Jail cannot be extended more than 50 feet, instead of yards, on the west face without destroying the road made by the Officers of the Regiment for their evening exercise, and where only, in the hot season, can the sea breeze be felt.

(2) That a second road leading to the Telegraph Office would also be enclosed, and a portion of the compound of the best, perhaps, of the Berhampore houses be taken in, entailing the necessity of purchasing the entire property, as no one would willingly occupy a house so very close to the Jail.

(3.) That with 250 prisoners *now* in it, the Jail is particularly healthy, and as the number will shortly be reduced to 112 (on completion of the Central Jail), an enlargement of the area seems quite unnecessary.

(4.) That with nine feet of the cross walls removed, the circulation of air will be unimpeded, and the Committee think every necessary precaution will then have been taken to ensure the healthiness of the prisoners.

(5.) That with the introduction of the new system and intra-mural labor it seems essential that the latrine should be *inside* the walls, as the desired object would not be attained if prisoners could at any time of the day assert the necessity of their being taken outside, entailing constant labor of a very hateful description on the Police guard.

Berhampore,
31st October 1865.

(Signed) C. G. PHILLIPS, Captain, R. E.,
Executive Engineer, Tanjore.

(Signed) J. BEATTY, Captain, R. E.,
Officiating Superintending Engineer, 1st Division.

Referred to the Judicial Department.

FORT SAINT GEORGE.
17*th November* 1865.

(Signed.) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government, P. W. D.

No. 600. Memorandum from the Chief Secretary to Government in the Judicial Department.

(Here enter 3rd January 1866 No. 3.)

No. 601. ORDER THEREON, 24th January 1866, No. 289.

CIVIL WORKS, No. 103.

1. The Government approve generally of the manner in which it is proposed to improve the Jail at Berhampore, and they sanction the Estimate which is submitted by the Superintending Engineer of the 1st Division amounting to Rupees 14,318.

2. The present arrangement for protecting the convicts in the Wards from cold and wet, by means of chicks made of split bamboos, is objectionable, and as His Excellency the Governor in Council sees no reason why wooden batten doors, suspended on common broad butt-hinges, should not be fitted to open so as to allow of the iron grated doors swinging quite clear on their centres, he directs this method of sheltering the Wards to be adopted.

3. The work now sanctioned may be proceeded with in anticipation of an allotment later in the year.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 1st Division.
" Controller of Public Works Accounts.
" Accountant General.
" Judicial Department.

Exd, R. H. Lee.

No. 9 of 1865-66

Buildings.

Abstract

Estimate No. 1 of 1865-66.

Panjam District

Buildings

III E

Public Works

7 E

No. 3

Judicial Department

Memorandum

5th October 1865. No. 1166
7th Novr. — " — 1644.

In returning herewith the enclosed letters from the Officiating Superintending Engineer 1st Division, and their accompaniments, the Chief Secretary has the honor to state that he sees no objection to the recommendation of the local Committee, except in regard to that made in the 7th para, that the present arrangement for protecting the Convicts in the wards from cold and wet by means of chicks made of split Bamboo should be retained, and that in para 14 in regard to digging subsoil drains. It seems very advisable

Flooring with broken Stone and						
ter gally in Chunam	Do	3	10	187	8	8
Plastering in Chunam	Do	1	6	743	4	6
Carried over						

advisable that some expedient should be devised for placing wooden doors over the present iron gratings.

Fort Saint George
30th January 1866

C. J. Crawford
Chief Secretary

To
The Secretary to Government
Public Works Department

Flooring with broken Stone and						
ergally in Chunam	Do	3	10	187	8	8
Plastering in Chunam	Do	1	6	743	4	6
Carried on					13	2

3d July 1865 No 1855

9 Sckr — 2639-

Dy V 1865 Dyfto

Pbrs of Govt for January

No 30

Memo from the Chief Secy to Govt & Jud Dept

2d Dyfto

Comg Engrs

Dyfto

No 8.

Returning with certain observations, the Report &c of the Local Committee on the Berhampore jail in the Ganjam District-

No 600

C. 12 Jany 1866 Od. 18th

No 289 - 24th January 1866.

No. 9 of 1865-66

Buildings.

Abstract.

Estimate No. 1 of 1865-66.

Ganjam District

Judicial Buildings.

Work. Construction of proposed additions and alterations to the Zillah Jail at Berhampore.

Page of Measurement	Description of Works	Rate	Amount	Total
841 748/804	C. yards of Rough Stone work in Chunam	Rd. 1 9	131 9 3	
15 1553 10/24	C. yards of Brickwork in Chunam	Do. 2 2	3299 4 3	
10 1/2	C. yards of Archwork in Chunam	Do. 3	31 8	
15	C. yards of Cornice work in Chunam	Do. 4	60	
29 71/80	Squares of Terracing with brick on edge in Chunam, 3 inches thick Jelly, and 3 Courses of flat tiles and plastering 2 Coats in Chunam	Sqrs 12 8	373 9 6	
20 23/50	Squares of Sloping roof with Saulwood rafters rafters, nails, 3 Courses of flat tiles and plastering 2 Coats in Chunam	Do. 18	368 4 5	
27.	Squares of Roofing with Saulwood, wall plates Hip rafters, rafters, rafters, Couples, Nails, Pan and flat tiles & Chunam borders complete	Do. 18	485 15 11	
51 37/50	Squares of Flooring with broken Stone and Kunker jelly in Chunam	Do. 3 10	187 8 8	
5 10 5/10th	Squares of Plastering in Chunam	Do. 1 6	7 4 3 7 7	
	Carried over		1511 13 3	

	Brought Over								
25½	Squares of Coping with Glass in chunam	Sqrs	3	-	-	76	8	-	
6347/12	Cubic feet of Sandwood	Cft	-	13	-	245	5	11	
1320	Running feet of Wooden Railing	Rft	1	8	-	1980	-	-	
2.	Iron Bars with fixtures &c Complete	Each	35	-	-	70	-	-	
45	Pairs of Battened doors with frames &c Complete	Each	14	-	-	210	-	-	
2.	Ditto of Ditto Ditto Ditto		12	-	-	24	-	-	
5.	Ditto of Ditto Ditto Ditto		10	-	-	50	-	-	
4	Ditto of Battened Windows with Iron bars &c Complete	Each	14	8	-	58	-	-	
3.	Pairs of Battened windows with frames &c Complete	Do	6	-	-	18	-	-	
12.	Iron Ridged Ventilators with weather boards	Each	10	-	-	120	-	-	
6	Ditto Ditto Ditto Ditto		9	-	-	54	-	-	
11	Ventilators	Each	5	-	-	55	-	-	
3	Ditto	Do	4	-	-	12	-	-	
514.	Cubic Yards of old Compound wall blown Rock Red down	Sqyd	-	3	-	110	-	-	
	Excavating foundations and filling basement					191	-	-	
	Contingencies					1646	11	1	
	Total					1048	-	-	11580
	Wells.								
26 113/432	Cubic Yards of Rough Stone work in chunam	Sqyd	1	9	-	441	-	6	
	Carried over					41	-	6	11580

	Brought Over				41	-	6	11580
	of Brick work in chunam	Sqyd	2	6	321	13	8	
	of Cut Stone work in chunam	Do	8	-	26	2	8	
	of Plastering	Sqyd	1	6	32	10	-	
	of Excavating well and Closing under	Sqyd	-	3	353	4	-	
	with wooden frames	Each	6	-	12	-	-	
	Filling foundations & Pasterns				-	8	-	
	Filling				50	-	-	
	Engineers				82	9	2	
	Total							920 - -
								12.480 - -
	Cost of Prison labor; as per Memo given							762 - -
	Cable Cost of Latrines as per Standard & 10 Iron Urinals							11.718 - -
								2.600 - -
	Grand Total Rs							14.318 - -

Engineer's
Narrampore
September 1865

C. D. Whitfield
Executive Engineer, Salem

Work done by Prisoners

of Rough Stone work, including Masons at - 2 - - 105 - - -
of Brick work ditto at - 2 - - 194 - - -
of Plastering ditto at - 2 - - 67 - - -
of old Compound wall blown rocked down } 115 - - -
Filling foundations and filling } 281 - - -
Cement &c

Total 762 - - -

Executive Engineer
Officiating Superintending Engineer 1st Division

Superintending Engineer's
Office, 1st Dn. Waltair,
5th October 1865.

No. 1166

From

Captain J. Beatty R.E.
Offg. Supg. Engineer, 1st Dn.

To

Major J.A. M.Shaw Stewart R.E.
Under Secretary to Govt. P.W.D.
Madras.

Sir,

I have the honor to transmit herewith the Report, called for in G.O. No. 877 of 16th June 1865, of a Committee, on the Berhampore Jail.

2. I need only observe that the Executive Engineer at Berhampore has been called on to furnish the requisite plans and Estimates, as early as possible, in accordance with the Committee's report.

3. I have also furnished him with a copy of the Proceedings of

Government.

Encls. 2
1 Report.
1 Plan.

Judicial Deptt.

From
The Executive Engineer
Rec. 24 Oct. 1865
No. 1, dated 20th Oct. 1865
To
The Superintending Engr.
1st Division.

Sir,

I have the honor to forward herewith the Estimate No. 1 of 1865-66 for the Berhampore Jail.

Estimate for Construction of proposed Additions and Alterations to the Jail etc.

Berhampore
The 24th Oct. 1865.

Government of 5th September and called his attention to the order regarding the distance of the wall from the Jail buildings; the opinion of the Wattair Committee that a latrine for females is unnecessary in connection with the Hospital, as they would be treated in their own ward; and that it is advisable to have the large privy a hundred yards off outside the Jail wall.

I have the honor to be

Sir,

Your most obedient Svt.

C. Beatty. Capt.n R.E.

Off.g Superintending Engr. 1 Div.n

Superintending Engineer
Office, 1st Div. Akyab
4th November 1865.

No. 1644

From

Captain J. Beatty R.E.

Offg. Exec. Engineer, 1st Div.

To

Colonel C.A. Crommelin R.E.

Secretary to Govt. B.C.W.

Akyab.

Sir,

I have the honor to submit the accompanying Return of Estimates for Repairs and Additions to Public Buildings in accordance with the Resolution of Government No. 1166, of 6th October 1865.

I have the honor to be,
Sir,
Your most obedient
humble Servant,
J. Beatty
Capt. R.E.
Offg. Exec. Engineer,
1st Division.

Encls. 11.

9 Plans
1 Abstract Estimate
1 Report with Appendix.

Pro. 16th June 1865 No. 1562 to 1621
5th Septr. " 50 to 52.

Referred to the Judicial Department

Chas. H. Allen
Coll. R.E.
Secy. to Govt. Mily. Dept.
Fort St. George
13th Oct. 1865.

No. 598.

Mily. Dept.
R. 3 Nov.

Encl. 13 Oct. 1865.

C. 12th June 1866 No. 15.

Judicial Dept.
Judicial Cons. 8 Nov. 1865 No. 8784
From Govt. Fort St. George, 31st October
To The Offg. Supg. Engr. 4th Divn.
The Secy. to Govt. P.W. Dept. Madras.
Dated 5th
Recd 26th } October 1865.
Read 10th }

No. 1166

1 Encl. to Dft. Com. No. 2170

Transmitting the Report of a Committee on the Berhampore Jail.

No. 289. 24th January 1866.

and the work was completed on the 27th February 1864 at a cost of 17,959 Rs.

3. The present estimate — which provides for removing one half the present enclosure wall, and extending it so as to include the additional buildings now considered requisite — amounts to Rs. 14,318, so that the total cost of the Jail, when completed, would be Rs. 32,277.

4. A general Plan showing the disposition of the several new buildings in regard to the wards now in use, was forwarded with my letter No. 1166. of 5th ultimo.

5. The additional works now proposed are as follows:—

Hospital with out-houses
Civil Debtors' ward with do
Cooking Shed.
Solitary cell for Europeans
—Do— for Natives.

Two

Two Wells and
One Madras Latrine.

6. The cost of the "Madras Latrine" has been assumed at Rs. 2600, as the cost of the iron work cannot be exactly determined.

7. A Report by the Executive Engineer of Ganjam, accompanies the estimate, and by an Appendix to it, you will observe that the Committee re-assembled to consider the advisability, or otherwise, of enclosing a larger space of ground within the outer boundary wall, and of placing the large Latrine outside the wall, but for reasons given they have adhered to their original plan.

I have the honor to be
Sir, Your Most Obedient Sv.

L. Beatty. 1st Lt. & A.D.C.
Offg. Supg. Engineer, 1st Dn.

Enclos.

P.H.D.

Civil Station

Madras Government
Under date the 24th January/66
Read the following
papers.

A°289

Proceedings of the

From the Offg Superintg 1st Divn Transmitting the report of a Committee on the Cuddalore Jail	Fy G. 5th October 1865 No. 1166.
From Do. Do. Do Submitting plans and estimates for additions and improvements to the Cuddalore Jail	Fy G. 7th Nov. 1865. No. 2465.
Memo: Chief Secretary to Govt in the Judicial Depmt	Fy G. 3d January 1866 - 3.

The Government approve generally of the manner in which it is proposed to improve the Jail at Cuddalore, and they sanction the estimate which is submitted by the Superintending Engineer of the 1st Division amounting to Rupees 14,318-

The present arrangement for protecting the convicts in the wards from cold and wet by means of chicks made of split bamboos is objectionable, and as His Excellency the Governor in

WDM

The cost of this Jail will be very nearly double the original estimate. This is an evident proof of the slovenly manner in which the original plans were made and of the carelessness of the Superintendence of Public Works. WD.

Petition
Dated 10th June 1865 from Prisoners
Cuddalore

Respectfully
submitted for
Judicial Department
=ment.

Chas. Trevelyan
Offg Secy
Govt. Fort St. George
12th January 1866

Petitioners
Cuddalore
Jail

Prisoners of Cuddalore Jail
Praying for Compensation
for Labour performed
by them in the Construction
of the Jail

Cuddalore
Jail
Received 16th June 1865
No 411
Fy 2465

Plan & Estimate for additions
& improvements to the
Cuddalore Jail

Chief Secretary
to Govt
Judicial Department
Fort St George

Cuddalore
Jail
Received 16th June 1865
No 411
Fy 2465

Plan & Estimate for additions
& improvements to the
Cuddalore Jail

Chief Secretary
to Govt
Judicial Department
Fort St George

Pto 79

A°289 - 24th January 1866

Council sees no reason why wooden batten doors suspended on common broad butt Hinges should not be fitted to open so as to allow of the iron grated doors swinging quite clear on their centres, he directs this method of sheltering the wards to be adopted.

An application has been made to the Government of India for a grant of Rupees two Lacks for the construction of Jails in this Presidency, the work now sanctioned may be proceeded with in anticipation of an allotment later in the year.

W.H.

To the Supdt Engr, Ghats
" Collectors of Districts
" Chief Secretary
" Judicial Dept

With two Committee's reports & specifications

Dated 26th January

34
5

Jan 1866 Depth
Dec: of Govr for Jany

No 289.

Dec: of the Privy Council
of 24 Jany 1866

Jail at Berhampore
Bengal District - the
extent to which it is
for making certain additions
to —, sanctioned with
certain observations.

No 598 @ 601

12 Jan 1866 Dd. 18m