

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2849-2850.		Press
		Mis.
353	354-355	
Dated	14-9	18/7

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department
14th September 1867.

No. 353. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Department Public Works, dated Camp at Dowlaishweram, 22nd August 1867, No. 113 :—

I have the honor herewith to submit, for the sanction of the Government of India, a revised estimate, amounting to Rupees 2,94,500, for Central Jail at Rajahmundry, with documents as per margin,* the plan of the Jail was forwarded with my letter No. 98, dated 24th July 1867, and has not been returned to me.

- 1 Abstract Estimate.
- 1 Comparative Statement.
- 1 Specification.
- 1 Memorandum.
- 1 Statement.

MEMORANDUM ON THE RAJAHMUNDY CENTRAL JAIL.

1. The first estimate for this work was sanctioned in October 1863, and amounted to Rupees 1,86,000, the design being furnished by the late G. O. No. 3,153 of 29th October 1863. Inspector General of Jails, the buildings arranged on the radial plan, the outer wall 16 feet high, and in figure a regular duodecagon, each side being $25\frac{1}{2}$ feet, the space intended to be enclosed was, therefore, 78,685 square-yards, inside the wall ran a *chemin de roude* for the Police, 12 feet wide, having a breast wall on its inner side 6 feet high, with a *banquette* $1\frac{1}{2}$ feet high; the centre of the inclosure to be occupied by a warder's tower of two stories, 25 feet high, with flat roof; round which a palisading hexagon of 100 feet side preserved a clear space. At every other angle of the outer wall a flanking tower of 10 feet inner diameter projected.

2. Two rows of palisading, 10 yards apart, inclosed an approach from the guard-room to the space around the central warder on radial line No. 1, the other radial lines are walls 12 feet high, and along these radii were to have been built —

- 5 Sets of 32-arched cells, each 24 feet by 8 feet.
- 1 Cooking-shed and 20 cells for females.
- 1 Do. and 20 solitary cells.
- 2 Open work cells, 180 feet by 24 feet.

2 Work-sheds, centrally divided into halves, each 180 feet by $10\frac{1}{2}$ feet.

In addition to these, on either side of the entrance roadway and along nearly the whole of two sides of the duodecagon were to be built Lunatic Cells, Juvenile Wards, Female Wards, solitary work-sheds, also a Jailer's house just without the entrance gate, was provided for.

3. On 9th January 1865, in Order No. 41, the Government sanctioned Rupees 7,105 for sinking a well 22 feet diameter and 76 feet deep.

4. On 9th February 1865, No. 378, Government sanctioned Rupees 12,708, on account of errors and omissions in the original estimate, the chief of which was a deficiency in length of the enclosure wall, apparently it was always intended that each side of the polygon should be 300 feet, and so have they been built from the commencement, but according to first estimate and plan, they were only $25\frac{1}{2}$ feet, as before stated; some extra palisading and division walls also were allowed for in this estimate.

5. The next estimate sanctioned by Government on August 24th, 1864, No. 2,469, amounting to Rupees 2,217, was for an alteration in the enclosure wall, the principal object of which was to improve the *chemin de roude* for the Police, now carried outside the Jail walls, and on a level with its crest with a parapet wall on the inside, and light iron railing on the outside, a very great improvement on the original design.

*Proceedings of the Madras Government, Public Works Department,
14th September 1867.*

6. The total amount, therefore, thus sanctioned by Government, is Rupees 2,08,030; had the Jail been completed according to the original design, or with only slight deviation from it, still this estimate would have been found insufficient, as very inadequate provision had been made for Hospitals and Latrine accommodation, and the question of water supply beyond the digging of one well had been overlooked; but after a good deal of correspondence between the Jail Committee, Medical men, and Engineers, the Inspector General of Jails, in a letter dated May 22nd, 1866, laid before Government proposals for very extensive alterations and additions to the Jail buildings, and Government having given their general approval to these proposals, called for the plans and revised estimate herewith submitted.

7. In accordance with the sanctioned estimates the following works have been completed :—

1. Four terraced-roof workshops.
2. One centre warder.
3. Two trussed-roof workshops.
4. Four radial blocks.
5. Jailer's quarters and out-houses.
6. Enclosure wall, six sides of the duodecagon with *chemin de route*.
7. All towers of enclosure wall, six in number.

8. As much of the inner partition wall, as is now considered necessary for about half that originally contemplated, palisading will be substituted.

9. Nearly all the palisading originally allowed for.

10. One well, 22 feet diameter and 75 feet deep; in addition to the above Rupees 7,440 have been expended upon the two sets of solitary cells for men and women, but these agreeably to orders received, have been pulled down.

8. The alterations and additions ordered for execution, but for which the estimates have not yet been sanctioned, are :—

1. Extending enclosure wall 70 feet on one side, beyond former assigned limits, and making semi-rectangular instead of semi-polygonal; this wall has been completed, also the Police *chemin de route*, except a portion of the iron railings, the effect of this measure is to increase the area enclosed from 1,11,960 square-yards to 1,38,396 square-yards.

2. In lieu of the one radial block of cells, not built, two new blocks (G and E in plan) 239 feet by 27 feet to be constructed; Barrack G is completed; Barrack E has walls raised to level of top of doors.

3. Two of the work-sheds to be converted into Barracks (H and F in plan) of three wards each, portions at the end being reserved for work-sheds; both these buildings are under conversion, and will shortly be completed.

4. Dividing two radial work-sheds, and cutting off a portion for a cook-room and adding a verandah; these works are by this time nearly, if not quite, completed.

5. Excavating two more wells; the excavation of one is completed to the low water level, that of the other about two-thirds completed, brick and stone are being prepared for the steining, but it is not advisable to sink the curb until after the rains.

6. Work-sheds for Barracks G and E and solitary work-sheds; those for G and the solitary work-sheds are completed, those for E are commenced.

7. Solitary Cells; these are not yet commenced.

8. Hospitals; wood-work of roof completed. Privy completed, other offices nearly completed.

9. Juvenile ward and work-shed; not commenced.

10. Female ward. Hospital for ditto matron's quarters, not commenced.

*Proceedings of the Madras Government, Public Works Department,
14th September 1867.*

11. Hospital for contagious cases, not commenced.

12. Large latrine, not commenced.

13. Palisading, mostly put up, the rest ready for fixing.

14. Guard-room, stores, offices, and entrance gates, about two-thirds completed.

9. The advantages attained by the recent improvements and additions are :—

1st.—The Jail area has been increased from 1,11,960 square-yards to 1,38,396 square-yards.

2nd.—The original plan provided only for 640 convicts, that now submitted as follows :—

Four blocks of radial cells	...	...	...	...	512
Two barracks of three wards each	...	...	...	...	144
Two do. of five do.	...	...	...	...	280
Barrack for females...	...	...	...	...	84
Juveniles	...	...	...	...	20

Total... 1,040 convicts exclu-

sive of those in Hospital.

3rd.—The accommodation for the female prisoners is entirely separated from the other buildings.

4th.—Store-houses, &c., and latrines are now amply estimated for, the latrine being designed on approved modern principles, and of course adapted for the dry conservancy system.

5th.—Three wells instead of one are allowed, and neither the distribution of water nor drainage has been overlooked.

10. The estimate now submitted is, I feel confident, ample for all the works as yet contemplated, and cannot well be exceeded; as 1,040 convicts will be securely housed for Rupees 2,94,500, the cost per head will be Rupees 283-2-9.

11. The rates of sanctioned estimates have not been increased, but for the new works, the following increase in rates has been made :—

1. Rough stone-in-chunam, 3 Rupees to 3 Rupees 3 Annas per yard. As the Municipality levy a toll of 4 Annas per yard, in reality a slight decrease in working rates has been effected.

2. Brick-in-chunam, 4 Rupees to 4 Rupees 4 Annas on account of tolls, and superior description of brick introduced.

3. Arch-work, Rupees 5-1-0 to Rupees 5-8-0, on account of toll, &c., I may remark here that I consider the rates allowed for brick-work rather high, and that there will be a saving on that item.

4. White-washing, 3 Annas to 4 Annas per square, on account of toll, and color mixed with lime to prevent glare.

5. Concrete, Rupees 1-12-0 to Rupees 2 on account of tolls.

6. Teak-wood, Rupees 2-4-0 to Rupees 2-12-0. Partly on account of tolls.

7. Iron work, 2 Annas 6 Pice to 3 Annas. Chiefly on account of increase in Workshop rates.

12. The cost in detail of each improvement or addition now proposed may be ascertained at once by a reference to the comparative statement herewith submitted.

13. With reference to paragraph 3 of Government Order, No. 931, dated 13th June 1866, I have the honor to state that no verandahs will be required to the blocks and ranges of cells, the wooden shutters provided affording ample protection from the weather.

CAMP, DOWLAISHWERAM,
22nd August 1867.

(Signed) T. BECKLEY, Captain, R. E.,
Acting Superintending Engineer, 1st Division.

*Proceedings of the Madras Government, Public Works Department,
14th September 1867.*

No. 354.

ORDER THEREON, 14th September 1867, No. 2,849.

CIVIL WORKS, No. 36.

Ordered that the estimate of Rupees 2,94,500 for the Central Jail at Rajahmundry be submitted for the sanction of the Government of India with the following letter:—

(Here enter No. 2,850, dated 14th September 1867.)

(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. S. T. Augustin.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE,
14th September 1867.

No. 355.
To

No. 2,850.

THE SECRETARY TO THE GOVERNMENT OF INDIA.

SIR,

CIVIL WORKS, No. 37.

1. Adverting to paragraph 7 of my letter No. 3,939 of the 14th December 1866, I am directed to transmit for the orders of His Excellency the Governor General in Council a revised estimate of Rupees 2,94,500 for the Central Jail under construction at Rajahmundry, together with plans and explanatory statements.

2. The original estimate for the Jail, sanctioned in 1863, amounted to Rupees 1,86,000; but as the work progressed, omissions in that estimate, and the necessity for improvements and modifications of the sanctioned design became apparent, and the supplemental demands sanctioned in consequence raised the estimated cost of the building to Rupees 2,08,030.

3. In the original plan of the Jail, accommodation was provided for 640 convicts, but the necessity for increased accommodation for at least 1,000 having lately arisen, the arrangements of the building had to be considerably extended. Proposals for providing the required additional space were accordingly submitted by the Inspector General of Jails in communication with the local authorities, and being considered suitable, were provisionally approved by this Government.

4. The accommodation to be provided is as follows:—

Four blocks of radial cells	512
Two Barracks of three wards each	144
Two do. of five do.	280
Barrack for females	84
Do. for boys	20

Total convicts (exclusive of sick)... 1,040

5. The Memorandum and Statements accompanying the estimate explain fully the works included in the original estimate which have been completed, the nature of the alterations and additions which it has been found necessary to carry out to accommodate the increased number of convicts, and the progress made with the building.

6. The expenditure on the Jail up to the past official year was Rs. 1,98,886, and Rupees 10,927 of the appropriation of Rupees 40,000 made for the work in the current year's Budget was expended up to 31st July 1867.

7. I am accordingly to request that the estimate now submitted may receive the sanction of the Government of India.

I have the honor to be,

Sir,

Your most obedient servant,

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

Exd. S. T. Augustin.

Memorandum on the Rajahmundry Central Jail.

G.O. No. 3153
of 29th Oct/63.

The first estimate for this work was sanctioned in October 1863 and amounted to Rs. 186,000, the design being furnished by the late Inspector General of Jails. The buildings arranged on the British plan - the outer wall 16 ft. high & in figure a regular duodecagon, each side being $25\frac{1}{2}$ ft. the space intended to be enclosed was therefore 78,685 sq. yds. inside the wall ran a *Chemin de Ronda* for the Police 12 ft. wide having a breast wall on its inner side 6 ft. high with a banquette 14 ft. high & the centre of the inclosure to be occupied by a warder's tower of two stories 25 ft. high with flat roof: round which a palisading hexagon of 100 ft. side preserved a clear space. At every other angle of the outer wall

wall a flanking tower of 10 ft. inner diameter projected.

2. Two rows of palisading 10 yards apart inclosed an approach from the Guard Room to the space around the Central Ward on radial line A. E. the other radial lines are walls 12 ft. high and along these palisades were to have been built.

5. Sets of 32 Arched Cells each 24 x 8

1. Cooking shed & 20 Cells for females.

1. — Do — & 20 Solitary Cells.

2. Open Work Cells 180 by 24

2. Work-sheds centrally divided into halves, each 180 x 10 1/2.

In addition to these on either side of the entrance Roadway & along nearly the whole of two sides of the duodecagon were to be built Lunatic Cells, juvenile wards, Female wards, Solitary work sheds, a Jailor's House just within the entrance gate, was provided for.

3. On 9th January 1865, in Order No. 41, the Government sanctioned Rs. 7105 for sinking a well 22 ft. diameter & 76 ft. deep.

4. On 9th February 1865, No. 378, Government sanctioned Rs. 12,708, on account of errors & omissions in the original estimate. The chief of which was a deficiency in length of the enclosure wall. Apparently it was always intended that each side of the polygon should be 300 ft. & so have they been built from the commencement. But according to first estimate & plan, they were only 257 1/2 ft. as before stated. Some extra palisading & division walls also were allowed for in this estimate.

5. The next estimate sanctioned by Government on August 24th, 1864, No. 2469, amounting to Rs. 2217 was for an alteration in the enclosure wall. The principal

principal object of which was to improve the Chemin de Ronde for the Police now carried outside the jail walls & on a level with its crest with a parapet wall on the inside & light iron railing on the outside - a very great improvement on the original design -

b. The total amount therefore thus sanctioned by Government is Rs. 30,80,000. Had the jail been completed according to the original design or with only slight deviation from it, still this estimate would have been found insufficient as very inadequate provision had been made for Hospitals & Latrine accommodation and the question of water supply beyond the digging of one well had been overlooked. But after a good deal of correspondence between the Jail Committee, Medical Men & Engineers, the Inspector General of Jails in a letter dated May

May 23rd, 1866, laid before Government proposals for very extensive alterations & additions to the Jail Buildings and Government having given their general approval to these proposals, called for the plans & revised estimate herewith submitted.

7. In accordance with the sanctioned estimate the following works have been completed:—

1. — 4 Terraced roofed Workshops.
2. — 1 Centre Ward.
3. — 2 Traped roof Workshops.
4. — 4 Radial Blocks.
5. — Jailers Quarters & out-houses.
6. — Enclosure Wall six sides of the duodecagon with Chemin de Ronde.
7. — All towers of enclosure wall six in number.
8. — As much of the inner partition wall as is now considered necessary for about half that originally contemplated palisading will be substituted.
9. — Nearly all the palisading originally allowed.

allowed for -

10. - 1 Well 22 ft diameter & 75 ft deep; in addition to the above Rs. 7440 have been expended upon the two sets of solitary cells for men & women but these agreeably to orders received, have been pulled down.

8. The alterations & additions ordered for execution but for which the estimates have not yet been sanctioned are;

1. Extending enclosure wall 70 ft on one side beyond former assigned limits & making it semi-rectangular instead of semi-polygonal; this wall has been completed also the Police Chemin de ronde, except a portion of the iron railings - the effect of this measure is to increase the area enclosed from 11,968 sq. yds to 18,396 sq. yds.

2. In lieu of the one Radical block of Cells not built - two new Blocks (G. & E. in plan) 239' x 27' to be constructed.

constructed; Barrack G. is completed; Barrack E. has walls raised to level of top of doors.

3. - Two of the Workshops to be converted into Barracks (H. & I. in plan) of three wards each, portions at the end being reserved for Workshops, both these buildings are under conversion & will shortly be completed.

4. - Dividing two Radical Workshops & cutting off a portion for a Cook room & adding a verandah; these works are by this time nearly if not quite completed.

5. - Excavating two more Wells; the excavation of one is completed to the low water level, that of the other about $\frac{2}{3}$ completed, brick & stone are being prepared for the steining but it is not advisable to sink the curb until after the rains.

6. Workshops for Barracks G. & E.
& solitary Workshops; those for
G. & the solitary Workshops are
completed. those for E. are commenced.

7. Solitary Cells; these are not yet
commenced.

8. Hospital; woodwork of roof
completed. Drury completed. other
offices nearly completed.

9. Juvenile ward & Workshop; not
commenced.

10. Female Ward. Hospital for do
Matron's Quarters; not commenced.

11. Hospital for contagious cases;
not commenced.

12. Large Latrine; not commenced.

13. Paliading; mostly put up the
rest ready for fixing.

14. Guard room, stores, offices, &
entrance gates; about $\frac{2}{3}$ completed.

9. The advantages attained by
the recent improvements and additions
are, -

1. The jail area has been increased
from 1,119 60 sq. yds to 1,38,396 sq. yds.

2. The original plan provided only
for 640 Convicts that now submitted
as follows: -

Four Blocks of racial Cells — 572

Two Barracks of 3 Wards each 144

Two — Do. of 5 Wards each 280

Barrack for females — 84

 Juveniles — 20

Total 1040 Convicts

exclusive of those in Hospital.

3. The accommodation for the female
prisoners is entirely separated from
the other buildings.

4. Store Houses & and Latrines are
now amply estimated for the Latrines
being designed on approved modern
principles & of course adapted for
the dry conservancy system.

5. 3 Wells instead of one are allowed
& neither the distribution of water nor
drainage has been overlooked.

10. The Estimate now submitted is I feel confident ample for all the works as yet contemplated and cannot well be exceeded; as 1040 Convicts will be securely housed for Rs 294,500 the cost for head will be Rs 283-2-9.

11. The rates of sanctioned estimates have not been increased but for the new works, the following increase in rates has been made:—

1. Rough stone in chunam. 3 Rs to 3 Rs 3^{as} per yard. As the Municipality levy a toll of 4^{as} per yard. in reality a slight decrease in working rates has been effected.
2. Brick in chunam 4 Rs to 4 Rs 4^{as} on account of tolls & superior description of Brick introduced.
3. Arch Work Rs 5-1-0. to Rs 5-8-0. on account of toll &c. I may remark here that I consider the rates allowed for brick work rather high & that there will be a saving on that

that item.

4. Whitewashing 3^{as} to 4^{as} per square on account of toll & color mixed with lime to prevent glare.
5. Concrete 1-12. to Rs 2. On account of tolls.
6. Teak wood 2-4 to Rs 2-12. } Partly on account of tolls.
7. Iron Work 2^{as} 6 to 3^{as} } Chiefly on account of increase in work = shop rates.

12. The Cost in detail of each improvement or substitution now proposed may be ascertained at once by a reference to the Comparative Statement herewith submitted.

13. With reference to para 3 of Government Order No 931 dated 13 June 1866. I have the honor to state that no Oranahs will be required to the floors & ranges of cells. the wooden shutters provided affording ample protection from the weather.

Supg Engr's Office, 1st Dec 22nd August 1867.

J. B. B. Esq. Supg Engineer

Enclosure in a letter
from the Acting Deputy
Engineer to the Engineer in
charge of the works at
Pondicherry dated 22nd
August 1867.
No 3307/67
Hence on the
very interesting
Central point -

Enclosure in a letter
from the Acting Deputy
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charge of the works at
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from the Acting Deputy
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charge of the works at
Pondicherry dated 22nd
August 1867.
No 3307/67
Hence on the
very interesting
Central point -

Supdt. Eng^r Office 1st Lt.
Camp Dowlaishwarum
22 August 1867.

No 113.
From,
Captain T. Buckley R.E.
M. Superintendent Engineer 1st
To,
Colonel C. F. Orr R.E.
Secretary to Government S. P. W.

Sir,
I have the honor herewith
to submit for the sanction of the go-
vernment of India, a revised esti-
mate amounting to Rs. 2,94,500, for the
Sail at Rajahmundry, with documents
as per margin the plan of the Sail
was forwarded with my letter No 98
dated 24th July 1867, and has not been
returned to me.

I have seen
J. Buckley. Capt R.E.
M. Superintendent Engineer 1st

2/11/67

Public Works Department

2879

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 14th Sept 1867

Read the following

From The Chief Engineer of the
1st Div. (Here enter No. 113 dated 22nd August 1867)

Ordered that the estimate
for 294,000 for the Central
Jail at Rajahmundry be
submitted for the sanction of
the Government of India
with the following letter:

To The Secretary to the
Government of India

Sir,
Adverting to the
of my letter 1st 3939 of the
14th December 1866, I am
directed to transmit for

The Chief Engineer
Controller
of Public Works
40 Sept 16/67

W. J.

Mr. Secretary to the Govt.

14th Sept 1867
No. 113 dated 22nd August 1867

The Chief Engineer
of the 1st Division
to the Secy to Government
113

14th Sept 1867
No. 2879

2879

and the fact that the
of the Government of India
is not yet received
for the Central Jail at
Rajahmundry

2879

2879 - 2879 - 14th Sept 1867

1917-18-1918-19

the order of His Excellency
the Governor General in Council
a revised estimate of Rs 2,94,500
for the Central Jail under
construction at Nagahamundry,
together with Plans and ex-
planatory Statements.

The original estimate
for the Jail, sanctioned in
1883, amounted to Rs 1,80,000;
but as the work progressed, various
improvements, and the
necessity for improvements
and modifications of the sanc-
tioned design became apparent,
and the supplemental demands
sanctioned in consequence raised
the estimated cost of the Jail
to Rs 2,00,000.

In the original
plans of the Jail, accommodation
was provided for 600 convicts,
but the necessity for increase

accommodation for at least
1000 ^{lately} having arisen, the ar-
rangements of the building
had to be considerably extended.
Proposals for providing the
required additional space were
accordingly submitted by the
Inspector General of Jails in
communication with the local
authorities, and being considered
advisable, were ^{provisionally} approved by the
Government.

The accommodation
to be provided is as follows:-

Four Blocks of Radial Cells	512
Two Barracks of three Radicals	160
Two do of five do	280
Barracks for females	80
do for boys	20
Total Convicts (exclusive of staff)	1052

The Memorandum
and Statements accompanying
the estimate explain fully the

27/10/1867

134

works included in the original estimate which have since been completed, the nature of the alterations and additions which it has been found necessary to carry out to accommodate the increased number of Convicts, and the progress made with the building.

The expenditure on the Jail up to the first of April year was Rs. 198,886, and Rs. 10,927 of the appropriation of Rs. 10,000 made for the work in the current year. Budget was expended up to 31st July 1867.

I am accordingly to request that the estimate now submitted may receive the sanction of the Govt of India.

Wm. St George
14th Sept 1867

9th Sept 1867 A 103

P. W. 186 . Department.

No.

PROCEEDINGS OF GOVERNMENT.

Dated

Recd 16/9/67 with one estimate, one specification and one copy of Genl Order of 1867 one general plan + one detailed plan of the Rajahmundry Central Jail Buildings forwarded to Govt of India on the 14th Oct 1867

Pub: Works 1867 Departs.

Pro: of Govt. of India

Chs. 2849 + 2850

Pro: of the Madras Govt.

14th September 1867

Passing orders on the
revised estimate of Rs 2,74,500
for the Central Jail under
construction at Rajahmundry.

Requesting the Govt.
of India to sanction the above
estimate

Chs. 353-354 @ 355