

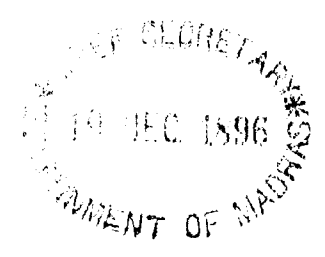
G.O. 1701 : 28/10/62. publ
351 : 21/2/96 publ (copy)

L.D.

BUILDINGS AND ROADS.
CIVIL WORKS.

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1353

Government 1896 of Madras.
PUBLIC WORKS.



Civ. 2640/98 (P.W.D.)

Recd. 1896. Enclosures
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G.O., No. 3467 W., 4th December 1896.

DECEMBER.

N^o 1353 of 28-12-96.
forwarded to the Surgeon General.

S.D.B.
22/12/16

The Surgeon General.

Lunatic Asylum at Madras

Sanctioning, with remarks, estimates, aggregating Rs. 25,594, for additions to the —, for execution when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From G. S. FORBES, Esq., Collector of the Chingleput district, to the Secretary to Government, Revenue Department, dated Saidapet, 11th June 1896, Ref. on No. 530 G.L.

I have the honour, at the instance of the Consulting Architect to the Government of Madras, to forward, for publication in the *Fort St. George Gazette*, a draft notification for the acquisition of 0.51 acre of land required for the construction, at Ayanavaram, of huts for the sweepers attached to the Madras Lunatic Asylum.

2. A statement of consent taken from the owner is enclosed, with a translation thereof.

R. No. 1247, Revenue.

Transferred to the Public Works Department.

OOTACAMUND,
22nd June 1896.

(Signed) A. T. ARUNDEL,
Ag. Secretary to Government.

G.O., No. 1701, Judicial, dated 28th October 1896.

Read—letters from the Surgeon-General, Madras, Nos. 169, T/39, Tour/115 and 320, dated 4th March, 27th April, 19th May and 22nd July 1896, respectively.

Order—No. 1701, Judicial, dated 28th October 1896.

The first of the foregoing papers contains proposals for providing in-door and out-door recreation for the inmates of Lunatic asylums in this Presidency; and in the other three the Surgeon-General submits plans and estimates, together with the particulars, called for in G.Os., No. 1511, dated 17th July 1895, and No. 351, dated 21st February 1896, of various additions and improvements needed in the Madras Lunatic Asylum.

2. *Recreation for inmates of asylums.*—The Surgeon-General's proposals on this subject in his letter, No. 169, dated 4th March 1896, meet with the approval of Government. Lawn tennis and badminton would also serve to amuse Native as well as European and Eurasian insanes, and the Surgeon-General will be requested to consider the desirability of starting these games in the three asylums.

3. The Government proceeds to pass orders on the various estimates which have been submitted.

4. *Drainage and flushing scheme.*—The drainage and flushing arrangements proposed for the Madras Asylum are set forth in paragraph 2 of the Consulting Architect's report accompanying the plans and estimates, and the cost of these arrangements is estimated at (a) Rs. 883 for the erection of a flushing cistern, (b) Rs. 11,516 for laying pipes for the distribution of water from this cistern to all the blocks of the asylum, and (c) Rs. 12,877 for the construction of drains. In his letter, No. 320, dated 22nd July 1896, the Surgeon-General reports that the Madras Municipality has lately

increased its free issue of Red Hills water to the asylum to 600,000 gallons a month, that this quantity will admit of a sufficient supply for flushing the wards and drains, and that the wells in the asylum need not therefore be utilized for flushing purposes. It is presumed that the Red Hills water has been laid on to the whole of the asylum grounds and that it is available at convenient centres. In these circumstances, it appears to be unnecessary to erect a flushing cistern and to distribute the water from this cistern by means of pipes to all parts of the asylum as suggested. The Government, therefore, proposes to disallow the estimates for these works, and the Surgeon-General will be requested to state whether there are any objections to the adoption of this course.

5. The construction of drains in the several places shown on the ground plan is approved. The proposed acquisition of the Operpalliem paracheri is however unnecessary. Before passing orders on the proposal to acquire and breach the Madavakam tank, the Surgeon-General will be requested to state whether, if this suggestion is approved, he can arrange (in communication, if necessary, with the President of the Municipal Commission, Madras), for grass or other cultivation in the tank bed by means of the water which the drains will discharge, and, if so, what area of the tank bed he can thus place under cultivation; and, if not, how he proposes to dispose of the sewage and sullage water of the asylum.

6. It is observed that a major portion of the drains (and all the larger of them) now proposed to be constructed are of V section and that only the smaller drains round the buildings are of the rounded U section which is usually approved by sanitarians. The estimates will be returned to the Surgeon-General with the request that he will report whether the provision made therein for V shaped drains is an oversight, and, if so, that he will revise and retransmit them to Government.

7. The Consulting Architect has not furnished the statement called for in paragraph 2 of G.O., No. 351, dated 21st February 1896, showing the probable amount of the surface, sewage and sullage water requiring to be dealt with. The attention of the Public Works Department will be invited to this omission. The Surgeon-General will now be requested to obtain this statement from the Consulting Architect and submit it to Government.

8. *Filtering cisterns, estimated cost Rs. 4,020.*—The Government does not consider that the necessity for the erection of the proposed filter beds has been sufficiently demonstrated and it is not therefore prepared to sanction the present estimate. It is observed that the Madras Municipality has taken steps to purify the Red Hills water.

9. *Day and feeding shed for criminal insanes, cost Rs. 3,467—Day and feeding shed for female insanes, cost Rs. 1,587.*—The estimates for these works have not been prepared in accordance with the orders of G.O., No. 1949, dated 17th Sept. 1895; and G.O., No. 2462, dated 27th Nov. 1895. Government noted in the margin. They will therefore be returned to the Surgeon-General for revision.

10. *Covered passages connecting all blocks in the male hospital, Rs. 9,439—Covered passages connecting the nurse's room and latrine in the female hospital, Rs. 549.*—The passages proposed are unnecessarily elaborate and expensive. They should be rendered less costly by omitting retaining walls, by laying out an ordinary gravelled path raised 3 inches above ground level and by putting up a light roof of corrugated iron sheets.

11. *Bath-rooms and latrines in the wards of the male hospital, Rs. 4,247.*—The area of the bath-rooms should be reduced to 8 feet square, and endeavours should be made to cut down the cost of the work in other directions as well. The estimate now submitted is excessive and seems susceptible of reduction.

12. *Lean-to shed for attendants in the isolation enclosure, Rs. 323.*—For roofing ordinary country tiles or corrugated iron sheets should be used instead of Mangalore tiles.

13. *Bath-room in the female hospital, Rs. 536.*—The estimate for this work is high and should be reduced.

14. *Quarantine block of six cells, Rs. 6,113—Latrine in the quarantine block, Rs. 217.*—The Surgeon-General will be requested to explain the necessity for these works, which do not appear to have been previously approved by Government.

15. *Twenty huts for sweepers, Rs. 5,275.*—In G.O., No. 109, dated 17th January 1896, sanction was accorded to the execution of this work by the agency of the Public Works Department on the understanding that the cost of each hut would not exceed Rs. 155-12-9. In the estimate now submitted, however, the average cost amounts to Rs. 264. The attention of the Surgeon-General will be drawn to the correspondence recorded in G.Os., No. 874, dated 26th April 1895, and No. 109, dated 17th January 1896, and the estimate will be returned to him for revision in accordance with these orders.

16. *Four huts for the horse-keepers of the Superintendent, Rs. 733.*—Verandahs for these huts are unnecessary and should be omitted.

17. *Day-shed in the noisy enclosure, Rs. 3,548.*—This work should be rendered less expensive by reducing its width and by using ordinary tiles, instead of Mangalore tiles, for roofing. Pending the receipt of a revised estimate, no orders will be passed on the estimate for the construction of a latrine in the noisy enclosure.

18. *Kitchen with a circular cooking range, Rs. 4,172.*—The attention of the Surgeon-General will be drawn to G.Os., No. 3212, dated 28th December 1894, and No. 1949, dated 17th September 1895, and the estimate will be returned to him for revision in accordance with these orders.

19. The plans and estimates for the following works are approved and will be transferred to the Public Works Department:—

Name of work.	Estimated cost. RS.
<i>Criminal Enclosure.</i>	
(i) Enlargement of the present weaving shed	2,711
(ii) A new block containing 16 cells	2,785
<i>Male Hospital.</i>	
(iii) A block to contain 12 beds, a day room for the nurses on duty, a store-room and a room fitted with stove and boiler for cooking purposes ...	4,721
(iv) Lowering the south and east compound wall to 8 feet, and demolishing the wall between the hospital and noisy enclosure	1,070
<i>Female Hospital.</i>	
(v) Conversion of block No. 74 into a nurse's room fitted with a cooking stove and boiler	236
<i>Isolation Enclosure.</i>	
(vi) A kitchen	379
(vii) A disinfecting room	254
(viii) A latrine	217
(ix) A mortuary	1,132
(x) A dhoby's washing place	84
(xi) A cinerator	44
(xii) One shed 20' x 30' for six beds for males	2,976
(xiii) Do. 20' x 10' for two beds for males under observation	1,692
(xiv) Do. 20' x 10' for females under observation	1,692
(xv) Do. 20' x 20' for four beds for females	2,255
(xvi) Conversion of the block known as the "three rooms" into Hospital Assistant's quarters	1,247
(xvii) Conversion of the Superintendent's office into Steward's office and linen store-room	2,059

20. *A new residence for the Superintendent.*—It is understood that Surgeon-Captain Palk, the present Superintendent of the Asylum, does not complain of the unsuitability of the quarters now occupied by him. No action need, therefore, be taken at present towards constructing new quarters.

21. *Accommodation for two European attendants.*—The Surgeon-General will be requested to report what arrangements have been made for the accommodation of these attendants and whether they cannot without inconvenience be continued.

(True Extract.)

(Signed) W. FRANCIS,
for Chief Secretary.

Note by the Chief Engineer, Public Works Department.

In the estimate for a ward for 16 patients, drawing No. 5, planking under tiles has been omitted. This item should be added to the estimate.

2. The planking proposed is of teakwood. It is thought that white cedar wood is more suitable for planking under tiles. White cedar wood planking wrought and put up is estimated to cost Rs. 21-8-0 per square against Rs. 30 allowed for teak.

3. The rate for corrugated iron for the roofing of disinfecting room and latrine, drawing No. 11, appears excessive. Allowing 20 per cent. for lapping, the heaviest corrugated iron will cost Rs. 22 per square. Rs. 5 per square for working up seems excessive.

4. Dhoby's washing place, drawing No. 13. The dhoby's store ought to be placed more in the centre or turned round.

5. With the above remarks the estimates are recommended for sanction.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Chief Engineer.
26th November 1896.

ORDER—No. 3467 W., dated 4th December 1896.

The estimates, aggregating Rs. 25,594, for additions to the Lunatic Asylum at Madras, as detailed in paragraph 19 of the Proceedings in the Judicial Department recorded above, are sanctioned for execution when funds are available.

2. The publication of the notification for the acquisition of the land required for the sweepers' huts will be deferred pending receipt of the revised estimate referred to in paragraph 15 of the Proceedings.

3. The attention of the Consulting Architect is drawn to the Chief Engineer's note, and paragraph 7 of the Proceedings in the Judicial Department recorded above.

4. The sanction accorded in paragraph 1 has been registered as Provincial No. 120 W. of 1896-97, and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

To the Consulting Architect to Government, with twenty-four enclosures.
" Examiner, Public Works Accounts.
" Public Department.