Revenue (1898) Department.

MISCELLANEOUS SERIES.

G.O., No. 4446

DATED 14th November 98.

[Despatch Abstract.]

Communicating to the Board of Revenue G. O. Pub. Wks. Department, sanctioning with remarks, revised estimate of Rs. 9,600 for constructing a Sub-Magistrate's office at Dindigul in the Madura Dt.

3-58 II

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Revenue Dept

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1898} of Madras.

PUBLIC WORKS.

Current No. 7597.
Dt 14-11-98

Read. 5/11 } 1898. *Enclosures*

Regd. 7/11 *Spare copies*

G.O., No. 2705 W., 17th October 1898.

SECRETARIAT
9 NOV 98
RECORD

OCTOBER. Encl Gov. Lr No 4446 7/14 Nov 1898.
Communicated to the Board of Revenue.
RS 11-11-98

17 To the Board of Rev (Land Rev) dt 8/11/98 Dis. 16-11-98

Stationary Sub-Magistrate's Office at Dindigul

Revised estimate of Rs. 9,600 for constructing a — in the Madura district, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 7th September 1898, No. 1239 M.D.

I have the honour to forward for sanction a revised estimate amounting to Rupees 9,570, in supersession of that for Rs. 8,500 sanctioned in G.O., No. 2451 W., dated 24th August 1896, for constructing a Stationary Sub-Magistrate's court-house at Dindigul, Madura district.

2. The excess is Rs. 1,070.

3. The cause for the revision of the original estimate is partly due to the unsuitability of the site, and partly to making provision for certain additions and alterations since found to be necessary.

4. From the accompanying site plan it will be seen that two other Government buildings, viz., the taluk cutcherry and Sub-Registrar's office, with their out-houses, exist in the locality. The ground on which these buildings are built is low and swampy causing dampness to floors. A better site might have been selected; for administrative purposes the Collector prefers the present site. The following alterations are therefore proposed to be made. To keep the building dry the basement is proposed to be raised by one foot, or to level 39·50 substituting cutstone flooring for concrete and cement; further, the top level of concrete foundation has now been fixed at 34·00 instead of 35·00, the lowest natural ground surface being at about 34·02. This makes the height of the masonry above concrete 5½ feet instead of 3½ feet as shown in the sanctioned plans.

5. A uniform depth of 2 feet for concrete was provided for the foundations, but on actual excavation it has been found that the depth (2 feet) is insufficient owing to the inferior nature of soil, and the foundation therefore has now been taken down till good hard or rocky soil is met with. The depths thus fixed are noted on the foundation plan in red ink.

6. Provision is made in the estimate for change of materials, especially in the item stone work. The verandah pillars and skewbacks over them were proposed to be built of burnt stone in mortar; owing to difficulty in getting the work done properly and to the dressing to shape required, they are now proposed to be built of rock-faced stone work with neat dressing on the margins and on the sides. Curbing stone for verandahs and plinths and rough-dressed cutstone for steps have been provided instead of the burnt stone and ordinary pointing provided in the original estimate. This permits of much better work at no very great extra expense. The Executive Engineer reports that, at the instance of the magisterial authorities, the cost of a witness box and prisoner's dock has been provided in the estimate.

7. The other petty increases and savings effected by tendered rates are fully explained in the report and comparative statements accompanying the estimate.

8. Recasting the figures shown in the comparative statements in another shape, the items affected by the above deviations will be as follows:—

(*a*) On extra works not originally provided for, namely, for a witness box, prisoners' dock and dressing and setting of stones at corners and at sides of doors and windows and chiselling edges, Rs. 149 (excess).

(*b*) On substitution or change of materials, viz., cutstone flooring for concrete and cement rock-faced and roughly-dressed stone work for burnt stone, Rs. 915 (excess).

(*c*) On account of alteration in the concrete foundation and increase in the item burnt stone work, owing to the depth of basement having to be increased from 3½ to 5½ feet and other incidental items, Rs. 303 (excess).

(*d*) Owing to tendered rates being higher for the items, ventilators with glazed shutters (Rs. 1-4-0 to Rs. 1-8-0), terracing complete (Rs. 24 to Rs. 25), Cuddapah slab work (Rs. 38 to Rs. 40), and teakwood railings (Rs. 1-8-0 to Rs. 2-12-7), Rs. 86, excess.

(*e*) Savings on other items due to tendered rates being low, Rs. 323 (saving).

Thus the total excess is Rs. 1,453 (see margin), while the total saving is Rs. 323.

Excess. Rs.		Saving. Rs.	
149 915 303 86		323	
1,453	—	323	= 1,130.

9. It is pointed out that in the Government Order sanctioning the estimate, Rs. 60 was added for the alteration made by the Chief Engineer in the concrete foundation, raising the amount to Rs. 8,500; deducting this amount, the actual net excess is Rs. 1,070.

10. The estimate was sanctioned in 1896-97, and the work was not commenced before the beginning of the present year, for want of funds. The work is in progress and the expenditure up to end of July is Rs. 1,213.

11. The estimate is recommended for sanction.

Note by the Chief Engineer, Public Works Department.

The principal alteration of the estimate, as proposed by the Superintending Engineer, is the substitution of cutstone flooring for concrete and cement plaster. Though this alteration will involve an excess of Rs. 403 on the original estimate, it is clearly advisable and is recommended for sanction.

2. Owing to defective examination of the sub-soil and to defective estimating, an excess of Rs. 291 in cost of foundations and basement is unavoidable, and can be passed.

3. The remaining excesses are due to the original estimate providing only for burnt stone, and to the necessity, as pointed out by the Superintending Engineer, for substituting dressed stone in portions. This deviation is recommended for approval.

4. The revised estimate also makes provision for a witness box and prisoners' dock, as asked for by the Judicial authorities.

5. If it is not now too late to substitute steel girders for wooden beams, it is advisable that this alteration should be made, the excess thereby caused being only Rs. 37. The girders required will be—

Two steel girders,	9″ × 7″,	weighing	58 lb.	per foot run,	for court room.
Two „	12″ × 5″	„	39 lb.	„	for clerks' room.
Three „	10″ × 5″	„	35 lb.	„	for record room.

6. The attention of the officers concerned is called to the fact that if the estimate had been prepared with proper care in the first instance, there would have been no need for this revision.

(Signed) W. B. DEWINTON,
Chief Engineer.

26th September 1898.

ORDER—No. 2705 W., dated 17th October 1898.

The revised estimate, amounting to Rs. 9,600, as altered by the Chief Engineer, for constructing a Stationary Sub-Magistrate's office at Dindigul, Madura district, is sanctioned in supersession of the estimate of Rs. 8,500 sanctioned in G.O., No. 2451 W., dated 24th August 1896.

2. There is a provision of Rs. 8,500 for the work in the current year's Provincial Civil Works budget. The Superintending Engineer will, if necessary, apply for an additional allotment to cover the balance of the estimate.

3. Attention is drawn to the Chief Engineer's note read above.

4. The sanction accorded in paragraph 1 has been registered as Provincial No. 75 W. of 1898-99, and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, VI Circle,
with twelve enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. T. K. Narayana Aiyangar.

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READ AGAIN G.O., No. DATED
189 ,

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT .. .. .. A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.