Public Works (1898) Department.

G.O., No. 841 W

DATED 29 March 98

31/3/98

[Despatch Abstract.]

Well. The revised estimate of Rs. 7,300 for sinking a — in the Central Jail at Cannanore, Sanctioned.

—

100/4

1.3.98

P. W. 36.
1,000—12 3-98.

Indexed. [illegible] 3/5

BACK PAPERS.

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

FURTHER PAPERS.

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Government (1898) of Madras.

PUBLIC WORKS.

Recd. } 1898.
Regd. }

Enclosures
Spare copies

G.O., No. 841 W., 29th March 1898.

MARCH.

Well.

The revised estimate of Rs. 7,300 for sinking a — in the Central Jail at Cannanore, sanctioned.

No. 841 W., 29TH MARCH 1898.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From the Superintending Engineer, IV Circle, dated 4th February 1898, No. 48 W.

From A. G. CARDEW, Esq., M.A., I.C.S., Inspector-General of Prisons, to the Chief Secretary to Government, dated Madras, 31st January 1898, No. C. 342.

At the instance of the Superintending Engineer, IV Circle, I have the honour to transmit, for the approval and sanction of Government, a revised plan and estimate, amounting to Rs. 7,300, for sinking a new well in the Central Jail at Cannanore.

2. The original plan and estimate for this work (also enclosed) was sanctioned in G.O., No. 3520 W., dated 8th December 1896, and the Superintending Engineer states that the excess of Rs. 2,650 over the original estimate is mainly due to the well being carried down to 100 feet, instead of 80 feet. The comparative statement of differences shows, however, that less than Rs. 1,000 of the excess is due to the well being carried down to 100 feet, the balance being due to other causes, apparently to errors in excavation, the slipping of the sides, the "refusal" of the steining to "creep," &c.

3. On the 19th May 1897, the Superintendent of the Jail wrote that the well had then been carried to 67 feet with very little prospect of water, and up to the breaking of the south-west monsoon, it is stated that no water was forthcoming, though a depth of 85 feet was reached. Hence the proposal that the well should be carried to 100 feet.

4. As it was known that the arrival of the monsoon would stop work and fill the well with water, it is to be regretted that sufficient measures were not taken to complete the well by June 1897.

Endt. No. 418, Judicial.

Approved and transferred to the Public Works Department.

FORT ST. GEORGE,
15th February 1898.

(Signed) A. R. KNAPP,
Acting Under Secretary.

ORDER—No. 841 W., dated 29th March 1898.

The revised estimate, amounting to Rs. 7,300, for sinking a well in the Central Jail at Cannanore, in the South Canara district, is sanctioned in supersession of the estimate of Rs. 4,650 sanctioned in G.O., No. 3520 W., dated 8th December 1896, and as supplemental to the estimates, aggregating to Rs. 3,490, sanctioned in G.Os., No. 2130 W., dated 4th August 1897 and No. 661 W. of 12th March 1898.

2. This sanction has been registered as Provincial No. 96 W. of 1897-98 and classified as "Civil Buildings—Original Works."

(True Extract.)

(Signed) W. B. DEWINTON,
Ag. Secretary to Government.

To the Superintending Engineer, IV Circle, with enclosures.
„ Examiner, Public Works Accounts.
„ Judicial Department.

Exd. C. M. Thumbuswamy.

A
From order

P.W. DEPARTMENT.

Papers to be read in Proceedings:—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.

EP

Quote Current No. 1170 of 1898, dated 4th Feby 1898, from The S. E IV circle No 48 W
Print „ „ 1437 „ 1898, „ 15th Feby 1898, „ The Judicial Dept.
„ „ „ 189 , „

Bt & Rd
Civil works

N-841W d 29·3·98

Issue

ORDER.

The revised estimate, amounting to Rs 7.300, for sinking a well in the Central Jail at Cannanore in the South Canara District is sanctioned in supersession of the estimate of Rs 4.650 sanctioned in G.O. No 3520 W dated 8th December 1896 and as supplemental to the ~~estimate~~ estimates aggregating Rs 3490 ~~estimate of Rs 1.050 for strengthening the ventilators to the latrines in the same jail~~, sanctioned in G. Os Nos 2130 W dated 4th August 1897 & 661 W of 12th March 1898

2 This sanction has been registered as Provincial No 96 W of 1897-98 and classified as "Civil Buildings, Original Works".

DW.

G. O. No: 668 W of 12-3-98 having since been received from Press, the pencil correction in the draft is submitted for your approval.

SAW
Please verify [illegible]
Initialled
M
30/3/98

T
B

To
The S. E. IV circle with enclos
" Exar. P. W. Accts
" Judicial Dept

18/4/98

W
28.3.98
W

CMM
28/3/98

P. W. 4.

at that depth it is now

Public Works DEPARTMENT.

[$\frac{43}{500}$.]

C. No. 1170 & 1437

HIS EXCELLENCY THE GOVERNOR.

~~THE HON'BLE SIR HENRY BLISS, K.C.I.E.~~

~~THE HON'BLE MR. GROSE, C.I.E.~~

SUBJECT.

Revised Estimate (Rs 7300) for sinking a new well in the Central Jail at Cannanore - West Coast Division.

FOR ORDERS.

This is submitted in lieu of an original estimate of Rs 4650 sanctioned in G.O. No 3520 W dated 8th Decr 1896, and the necessity for the revision is fully explained in the accompanying technical note, the Executive Engineer's Report,* and the Comparative Statement of Differences.*

× Flag E

⁎ Flag F

A well estimate must necessarily be tentative as it is impossible to tell the depth to which it may ultimately have to be sunk while every extra foot below a certain depth adds materially to the cost.

Sanction is recommended.

CHBS W
15/3/98.

P.T.O

Sanctioned.

A.S.H
22.3.98

H.E. 21.3.98 R. 23.3.98

The excess is due to

(1) Insufficiency of the original rates provided, there being no accurate data to go upon, & the soil being found harder than was anticipated.

(2) the additional 20 feet of depth asked for by the Jail Dept. to ensure a proper supply of water.

(3) The fact that the original method of sinking provided for in the sanctioned estimate, viz by allowing the steining to creep downwards by its own weight, as it was built upon, proved impracticable. Such a method of well sinking is impossible because friction would always prevent the steining from creeping, & I do not know how it came to be sanctd..

The excess was unavoidable under the circumstances & may be passed.

18.3.98

seen
ASH

A 841W of 29/3/98.

C No. 1437

W/

With ref. to your pencil note at the foot of this note for orders, it is submitted that the origl. estimate was signed by Mr. W. V. Baker, Hony. Asst. Engr., who was then the Offg. Ex: [illegible] Engr., West Coast Division. Mr. Baker has since retired.

19.3.98.

Noted
WL
19/3/98

Public Works Department.

Current No. 1437

Letter No. C 342

Dated 31st January 1898

From the Inspector General of Prisons

NOTE BY TECHNICAL SECTION.

Name of work Revised Plan and Estimate for sinking a new well in the Central Jail at Cannanore, Malabar District. Est Rs 7300.

An original estimate amounting to Rs 4,650 for the above mentioned work was sanctioned in G.O. No 3520 W dated 8th December 1896.

The revised Estimate for Rs 7,300 or Rs 2650 in excess of the original Estimate is mainly due to the well being now carried down to 100 ft instead of 80 feet, or 20 ft deeper than originally proposed as suggested by the Inspector General of Prisons in his letter No C 2570 dated 9th November 1897.

The original Estimate provided for a well 80 feet deep but as sufficient water was not tapped at that depth it is now proposed to carry the depth to 100 feet. Of this proposed depth 87 feet had been completed with Masonry Steining when the work was suspended owing to heavy springs in consequence of the burst of the monsoon. The well has, at present, 50 feet of water but ~~of water~~ ~~but~~ nothing reliable can be said on this supply pending a test during the driest season – April and May.

The details connected with the sinking of the well while in progress is fully explained in the report accompanying the revised Estimate.

The Excess of Rs 2,650, or 57 per cent over original Estimate, is due to the following causes.

	Rs
1/ Increase in rates –	339 T
2/ Increase in quantity –	65
3/ Increase not originally provided for but subsequently asked for, or found necessary during construction	2,038
4/ Increase due to additional depth	1003
Total	3445
Deduct Savings	795
Net amount requiring Sanction	2650

Rates. Data for well sinking not being available, the schedule rate was allowed

(a) vide separate slip attached.

(b) It is not known whether work is a contract work but it seems immaterial in as much as the Ex Eng. explains that "data for well sinking not being available the schedule rate was allowed in Orig. Est, which was found sufficient from 0 to 20 ft in depth beyond this depth a rate was arrived at from actual work done & data now furnished. on which revised rates are based.

(c) (2) is increase due to increased quantity of work done over what was originally provided in Est.

(4) Increase due to additional work not originally provided for in Estimate.

H.C.U.
14.3.98

(a) (3). Increase in what account for an excess of Rs 2038?

(b) (1). Is this a contract work? If so why not hold the Contractor to the rate agreed on?

(c) What is the difference between (2) and (4)? Both simply increase in quantity.

CWBS
12/3/98.

(a)

	Rs
Sinking well through 5 ft of hard gravel soil not provided in Org. Est.	13
Cutting laterite rock 5 to 22 ft not provided in Org. Est	194
Well sinking 80 to 100 ft not provided in Org. Est	368
Wooden curb 13 ft dia with iron work &c not provided in Org. Est	160
alterations to curb 17' dia	30
Excess in No of guide rods with nuts &c	315
Iron clamps fitted to wooden bricks	58
Iron work in bolts connecting plates &c	207
Repairing damages to Steining	60
Laterite in surki for Steining not provided in Org. Est	486
Excess in laterite in mortar owing to diff in diameter of well not in Org. Est	30
Cut stone coping to well not in Org. Est	51
Tummy bamboo grating & wooden fence not in Org. Est	39
Laterite in clay & pointed with mortar not in Org. Est	20
Temporary fence	7
Total Rs	2038

H.C.U.
14.3.98

in the original Estimate
assumed for a
of 20 feet, but beyond
was found insuffi-
a working data
ed at from actual
is furnished.
ised plan & Estimate
countersigned by
spector General of
us and approved in the
ial Dept. H.C.U.
9/3/98.

proposed to carry the depth to 100 feet. Of this proposed depth 87 feet had been completed with Masonry Steining when the work was suspended owing to heavy springs in consequence of the burst of the monsoon. The well has, at present, 50 feet of water but ~~of water but~~ nothing reliable can be said on this supply pending a test during the driest season - April and May.

The details connected with the sinking of the well while in progress is fully explained in the report accompanying the revised Estimate.

The excess of Rs 2,650, or 57 per cent over original Estimate, is due to the following causes.

	Rs
1/ Increase in rates —	339
2/ Increase in quantity —	+ 60
3/ Increase not originally provided for but subsequently asked for, or found necessary during construction	2,03
4/ Increase due to additional depth —	10
Total	3 4
Deduct Savings	7
Net amount requiring Sanction	2

Rates. Data for well sinki not being available, the dule rate was allowed

12/3/98.

in the original Estimate. This rate answered for a depth of 20 feet, but beyond the rate was found insufficient. A working data as arrived at from actual work is furnished.

The revised plan & Estimate has been countersigned by the Inspector General of Prisons and approved in the Judicial Dept. H.C.U. 9/3/98.

C. 12/2
R. 14/2

Public works

~~Judicial~~ (1898) Department.

~~H. E. the Gov.~~

CURRENT No. ~~576~~ 1637

R41/97
1046/96
R1226/92
SC

CHIEF SECRETARY
2 FEB. 1898
GOVERNMENT OF MADRAS

X1170

From

The Inspector General of Prisons

Endt ~~Order~~ No. 418.

A.G.H.
12.2.98

No. C.342.

approved & transfd. to the Public Works Dept.

Fort St. George
7 Feby 1898 } A. W. Knapp.

Ag. Under Secretary.

7/2/98

A.K. 11.2.98

Dated 31st January 1898

Received } 2nd Feb 98

Registered } 16.2.98

Enclosures 11 (7 Plans) ~~10 (4 encl & [illegible] encls to cov 4774 [illegible] of 97)~~

Spare copies

Curs. 1170 & 1637

SUBJECT.

Transmits for the approval and sanction of Government a revised Plan and Estimate amounting to Rs. 7300 for sinking a new well in the Central Jail at Cannanore.

For sanction

17.2.98

To the Public Works Dept.

apparently to errors in excavation, the slipping of the sides, the "refusal" of the steining to "creep" etc.

3. On the 19th May 1897, the Superintendent of the Jail wrote that the well had then been carried to 67 feet with very little prospect of water, and upto the breaking of the South West Monsoon, it is stated that no water was forthcoming, though a depth of 85 feet was reached. Hence the proposal that the well should be carried to 100 feet.

4. As it was known that the arrival of the Monsoon would stop work and fill the well with water, it is to be regretted that sufficient measures were not taken to complete the well by June 1897.

I have the honour to be,
Sir,
Your Most obdt. Servant

A.G. Cardew.
Inspr. Genl. of Prisons.

OCS. 11 / 1037/98

Public Works (1898) Department.

CURRENT No. 1170

824/W

8143

From The Supg. Engineer
4th Circle

Order

No. 48/W

Dated 4th February 1898

Received
Registered } 8-2-98

Enclosure One.

Spare copies ✓

SUBJECT.

Central Jail at Cannanore.
Forwards a data sheet in Connection with the revised estimate for sinking a well in the — Submitted for sanction.

BACK PAPERS.

No.	Date.
5090C	26.11.97
742	9.2.98
3520W	8.12.97
2062W	16.7.96.
424D	8.6.97
290D	21.6.97
1914C	3.4.97
1512C	16.3.97
1367C	10.3.97
2130W	4.8.97

FURTHER PAPERS.

No.	Date.

No. 48
W

Superintending Engineer's office
4th Circle
Camp Anamalais 4th February 1898.

From

A H Garrett Esq
Superintending Engineer
4th Circle

To,

The Chief Engineer
P.W. Department
Madras.

Sir,

Enclosure
1. Data.
×742C
9.2.98

In continuation of my endorsement on copy of letter No. 47 dated 24th Ultimo addressed to the Inspector General of Prisons I have the honor to forward the data sheet referred to in the report which accompanied the revised estimate for sinking a well in the Central Jail at Cannanore.

I have the honor to be
Sir
Your most Obedt. Servant.

Superintending Engineer
4th Circle.