

4TH JUNE 1883, No. 1549 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Major S. C. CLARKE, R.E., Officiating Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated Bellary, 26th May 1883, No. 578:—

I have the honor to submit an estimate for constructing a Sub-divisional Officer's

1 Estimate in duplicate.

1 Plan.

dodge at Cumbum, which is very much needed, for the existing building (to be maintained as an inspection-house) which

the Sub-divisional Officer now occupies is too small to accommodate any subordinate with a family, and constructed on an unhealthy site.

2. It is of paramount importance that such men should be carefully housed to save them, as far as may be practicable, from the constant attacks of sickness that now so often paralyse them and their families in that part of the Kurnool District.

3. It is hoped that the Government will see the necessity and advisability of giving the Public Works Department Subordinate of Cumbum as good house accommodation as possible, for which a reasonable monthly rent will be charged, viz., about 6 per cent. on the actual value of the building.

ORDER—dated 4th June 1883, No. 1549 W., Public Works.

The estimate, amounting to Rs. 3,000, for the construction of a Public Works Department Sub-divisional Officer's bungalow at Cumbum, in the Kurnool District, is sanctioned for execution when funds are available.

2. The amount of rent to be paid by officers and subordinates of the department will be fixed in accordance with paragraphs 1229 and 1230 of the Public Works Code.

3. This sanction has been registered as Provincial No. 43 W. of 1883-84 and classified as Civil Buildings, Original Works.

4. The Superintending Engineer, when the work is put in hand, will consider whether more ample provision for ventilation than what is shown in the plan is not desirable in the climate of Kurnool.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Third Circle, with two Enclosures.
,, Examiner, Public Works Accounts, with duplicate Abstract Estimate.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1883 Madras.

PUBLIC WORKS.

Dated June, 4th.

Recd.

Encl.

G.O., 4th June 1883, No. 1549 W.

JUNE.

Sub-divisional Officer's
Bungalow at Cumbum

Estimate for constructing a —, in the Kur-
nool Distret, sanctioned.

Public Works Department, 1885-86.

Current No. 5599

Letter No. 1407

Dated the 5th October 1885

From the S.E. III Circle

NOTE OF REMARKS.

1. This is a revised estimate for constructing a D. P. W. Sub-divisional officer's residence at Cumbum in the Kurnool district, and amounts to Rs. 4,055 — being Rs. 1,055 in excess over the original estimate, Rs. 3,000, sanctioned in G. O. No. 1549 W. of the 4th June 1883.
2. A report, very desirable in this case, has not been submitted. — The excess is mainly attributed to increased rates and, with reference to the high rates now obtaining at Cumbum, it is stated — "Increased rates necessary owing to high prices paid by Railway authorities in the immediate vicinity." — It may however be doubted, subject to approval, whether this can be

considered as a satisfactory
explanation of some striking
differences shown in the com-
parative statement between
'revised' and 'original' rates.

The revised rate for roughly
dressed stone-in-mortar, (Rs.
22-4-3 per 1000 ft³) is nearly 50
per cent. greater than the
original rate (Rs. 15 per 1000 ft³);
the revised rate for flooring
with slabs and concrete (Rs. 17-12-0
per square) is more than three
times the original rate (Rs. 5-13-6
per square); and the revised
rate for Bengal terracing (Rs. 23-4-0
per square) may, roughly, be said
to be nearly double the original
rate (Rs. 12-8-0 per square).

3. Subject to approval, it would
appear with reference to the dif-
ferences between revised and
original rates that it is intended
importance should be attached
to the fact that the original
estimate was not prepared
by E.E. for a total bene is
added at the foot of the
comparative statement

to the following effect:-
"Original sanctioned esti-
-mate prepared in Super-
intending Engineer's office."

The stonework in the
Original Estimate was
very low rated, but the
total increased cost seems
to want special explanation.

It might be mentioned
when & by how much the
divisional rates rose.

W.H.

Oct. 9. 1885

9th October /85

B.H.

Ch. 4699
For a Sub: Div: of Pro
bungalows at Jumbun }

Memo.

In returning
revised &
the estimate recd
with the Chief Eng's
letter no: 1407, dated
5th Oct: 1885, the
Chief Engineer requests
that the documents
may be resubmitted
with a full report
on the necessity for
the greatly in-
creased rates now
quoted.

It is noted that
the rates entered in
the revised estimate
for roughly dressed
stone in mortar is
nearly 50 per cent
greater than that
quoted in the
original estimate

Flooring with slates
and concrete is
now ~~estimated~~ estimated
at Rs: 17-12-0 per
square, the original
rate being Rs: 5-18-6;
and Bengal terracing
at Rs: 23-4-0 per
square as against
Rs: 12-8-0 originally
estimated.

It would appear
that these ^{large} ~~small~~
increases cannot
be entirely due
to high prices
paid by Railway

5-13-6.

authorities in the
vicinity.

In cases ^{of} ~~and~~
Considerable ~~Excess~~
~~and~~ the remarks
entered in the
Comparative state-
ment are not
sufficient ^{and} a full
report by the S.E.
should invariably
accompany the
revised Estimate.

W.H.

Oct. 10. 1885

To
The S.E. iii Circle.
with C. 8699.
& Enclor complete.

Desd 21-10-85

13-10-85

1549 W 4-8-83

Memo

No 1663 Cap 20-10-83

J - 83/14
20/10
B W

1549 W 4-8-83

SUPERINTENDING ENGINEER'S OFFICE,

No. 1407

Bellary ~~Chepauk~~, ^{Mannar} 5th October 1885.

From

Lt Col W M Vibart R.E.
~~The~~ SUPERINTENDING ENGINEER,

~~the~~ CIRCLE,

To

The Chief Engineer
P. N. D.

SIR,

Enclosures.

1 Details and
Abstract of
Comparative
Statement.

I have the honor to submit for sanc-
tion of Government a revised Estimate of Rs 1055
accompanied by a Comparative Statement
for constructing the Public Works Department
Sub Divisional Officers Bungalow at Cumbum.
2. The revised Estimate exceeds the Estimate
of Rs 3000 sanctioned in G.O. No. 1549 W. of 4th
June 1883 by Rs 1055 and the excess is attri-
buted to high rates now prevailing on
account of State Railway Works.

I have the honor to be
Sir
Your most obedt servant.

Wm Vibart Lt Col R.E.
Superintending Engineer
III Circle

1549 W 4-8-83

From

The Superintending Engineer,

1st Circle,

To

The

Chief Engineer
P. W. Dept.

P. W. Dept.

To be returned with
reply.

Dated

Recd.

5th } October 1885.

ENCLOSURES. 2

No. 1407.

Sub Divisional Officer's
Bungalow at Chumbum

Submitting for sanction
a revised Estimate for
Rs 4055 for constructing
the —

No. 1331

Superintending Engineer's Office,

Camp, Coorapah 3RD CIRCLE

Bellary 7th October 1886.

FROM,

Major A. C. Smith R.E.
SUPERINTENDING ENGINEER,
IIIrd CIRCLE.

To,

THE Chief Engineer
P. W. D.

Madras

SIR,

Enclosures.

Revised
1 Det. & Est.
estimate.
1 Compara-
tive state-
ment.
1 Brief Encl.
Ref. 8699.

With reference to your me-
morandum No. 1663.6 dated 20th
October/85, I have the honor to
submit a fresh revised estimate
of Rs 4456 accompanied by a
comparative statement for con-
-structing a Sub Divisional offi-
-cer's Quarters at Chumbum.

2. The principal excesses have
occurred on the undermentioned
sub heads.

	Original rates	Revised rates	Excess.
1. Stone in chunam —	15-0-0	21-9-10	405
2. Flat arch work —	18-8-0	27-14-9	49
3. Semi circular arch work —	19-0-0	30-0-0	108
4. Plastering —	2-5-0	3-15-0	96

5. Pointing	1-8-0	2-7-6	30
6. Flooring with slabs	5-13-6	12-0-0	76
7. Roofing with flat & pan tiles	14-0-0	20-0-0	94
8. Roofing with slabs in place of Bengal terrace as originally proposed	"	"	157
9. Yaghee wood wrought and put up	2-8-0	3-8-0	300
10. Chupper	6-0-0	12-1-4	43
Superintendence & contingencies			169

3. The quantities of certain Sub heads also slightly exceed owing to inaccuracies in the original estimate. There is an increase of 34 c ft in the wood work due to increase of scantling of rafters.

4. Ordinary rates were allowed in the original estimate which was framed in 1883. But the extensive railway works since opened in the Kurnool District has made it extremely difficult to procure labour and high wages have to be paid to very indifferent work men. The Executive Engineer has furnished data for the high rates and he

states that the rise in prices is due beyond doubt to the progress of railway works in the neighbourhood of Burnburn.

Item No (1). A class of work superior to that provided in the original estimate appears to have been sanctioned by the then Executive Engineer Captain Jackson and Mr. Garrett does not consider the rate excessive.

Item No (8). Roofing with stone slabs is substituted for Bengal terracing, as good materials for the latter description of roofing are not procurable.

Item No (9). A greater portion of wood was conveyed from Mandya to Burnburn and high rates paid for labour.

Item No (10). Original rate allowed nothing for posts and bressumme.

5. In addition to the excess of Rs 1456 on the original estimate, the undermentioned losses &c have to be finally debited to the work.

(1). Value of bricks collected for flat and circular arch work but rendered useless } Rs. 14-0-0

(2). Value of burnt and unburnt flat tiles at site but of no use } 29-3-2

(3). Bengal terracing executed with bad materials and pulled down } 39-3-2

(4). Wood and other materials belonging to other works transferred to this work, but found unfit for use after the wood was sawn up } 173-12-9

(5). Cartage and sawing charges on the above } 61-9-8

(6). 2 Venetian and pannelled doors with frames 6 venetian windows & 7 pannelled door frames procured in excess of actual requirements. } 94-0-0

6. Item (4) can be written back since the materials which belonged to some ruined buildings were found unfit for use.

Item (6). It would appear that the then Executive Engineer Captain Jackson first ordered the doors and windows to be made up at Kurnool, but on the Sub Divisional Officer's representation that valuable

2 Venetian and pannelled doors with frames, 6 venetian windows and 7 pannelled door frames procured in excess of actual requirements. Rs. 94-0-0

ready made teak doors and windows are procurable at Bumbum, he sanctioned their purchase but forgot to remand his own orders given for them at Kurnool. The doors and windows may either be transferred to "Stock" or the value may remain charged to this work till they can be used on some other work.

7. Items (1) (2) & (3) These losses are no doubt due to mismanagement, but the Executive Engineer states that the work has passed through so many hands that it is difficult to say who is to blame in the matter.

8. Omitting item (4) proposed to be written back, the total loss to be debited to the work amounts to Rs 338 and the revised estimate including this sum will stand at Rs (4456 + 338) 4794 against the original estimate of Rs 3000 sanctioned in G.O. No. 1549 D dated 4th June/83.

I have the honor to be
Your most obed^t Servant
Alfred E. Major R.E.
Superintending Engineer

13477
G.O. No. 1594 Wd/23.6.86.
No. 1663 C 7 20-10-85

From,
The Superintending Engineer,
IIIrd Circle.

To,
The Chief Engineer
P.W.D.
Madras



Camp Cuddalore
Dated 7 } October 1886.
Received 11 }

Enclosures. 3

No. 1331

Sub Divisional Officers
Quarters at Cumbum.

Submitting fresh
revised Estimate of Rs
4456 for.

D.W.

The reasons for the large excess
on this estimate are given here
by me in the S.E.'s letter.

The principal cause of excess
is due to increased rates and
this is stated to be caused by
the number of railways works
in progress.

Some excess is also said to be
due to inaccuracies in the original
estimate.

As 330 has also to be written
off on losses, the S.E. says that
though probably due to mismanagement,
the E.E. states that the work
has passed through so many hands
that it is not possible to say
who is to blame.

OP.

14/10/86.

Public Works Department.

Current No. 7873

Letter No. 1331

Dated the 7th October/86

From the S.E. III Circle

NOTE OF REMARKS.

1. The accompanying is a revised estimate for constructing a D.P.W. Sub-Divisional Officer's residence at Cumbum in the Kurnool district, and amounts to Rs. 4,794 - being Rs. 1,794 in excess over the original estimate for that work, Rs. 3,000, sanctioned in G.O. No. 1549 W. of the 4th June/83.
2. In October/85 S.E. III. submitted a revised estimate, Rs. 4,055, for the proposed residence at Cumbum which however was returned to him that it might be resubmitted with a full report on the greatly increased rates quoted in it leading to the revision (E.W.'s Memo No. 1663 C of the 20th Octr/85). S.E. III. now submits a fresh revised estimate for that building and, subject to approval, his enclosing letter, No. 1331 of the 7/10/86, may be accepted.

Enc. 19. 10. 86. 21. 10. 86

as a substitute for the report which should have been one of the documents submitted. — S.E. III. appears to class the causes of the present excess Rs. 1,794, under three headings: — Inaccuracies in the original estimate; increased rates; and losses. — The 'inaccuracies' as shown in the comparative statement are chiefly omissions from the original estimate as in the case of the flat and circular arches and increase in woodwork. The increased rates are attributed, as before, to the great extension of railway works in the Kurnool district since the original estimate was framed — the year 1883. Probably the following remarks by S.E. III. relative three items of the losses is applicable to the whole class: — "These losses are no doubt due to mismanagement; but the Executive Engineer states that the work has passed through so many hands that it is difficult to say who is to blame in the matter." — The losses amount to Rs. 338.

- The Causes of excess are stated to be
- 1 Increased rates
 - 2 Inaccuracy in original estimate
 - 3 Losses during construction

The increased rates are due to military work & military work may be increased. Inaccuracy. The original estimate was made on the basis of the plan of the work. The losses are due to the fact that the materials were not collected, but were taken from the store & the materials were not purchased & from the store & the materials.

Officer on taking charge of a work fails to bring to notice the work or such materials he renders himself responsible for any excess expenditure that may really be incurred.

Jole
14/1/86

1770-1547 W a 4-6-83

This shows that the
 in appearance in the
 pair of them in each
 of the work but in
 there have been many
 officers. Officers & clerks
 employed in it, it is not
 possible to give the block
 in any in particular.

14/10/86

Revised estimate may be
 sanctioned, but remarks on
 Census 2 & 3 that have been
 evidently been great carelessness
 on the part of the officers
 & subordinates in charge of
 the work, but the frequent
 changes in the staff renders
 it impossible to fix the
 responsibility on any one individ-
 ual. Attention should be called
 to the fact that if a lettering

Note by Budget Section.

Work Remarks and References.

Sub Divisional Officers
 Quarters at Cumbum.

Fund	Provincial
Service Head	Civil Buildings
Departmental Head	Original Works
Amount of Estimate	Rs. 4794
Expenditure in previous year	3993
Allotment in current year	"
Balance required to complete	463
	801
Total Rs.	

Note of available funds.

A reference to item No 63 of Appendix B to
 G.O. No 1594W dated 23 June 1886 will show
 that against the sanctioned estimate of Rs 3000
 for the work an expenditure of Rs 3993 was
 incurred up to 1883-86, and that in the Statement
 of demands for incomplete works of that year a sum
 of Rs 560 was applied for during the current
 official year. As the estimated outlay on the
 work was in excess of the estimate, the question
 of providing additional funds was deferred pending
 receipt of the revised estimate. As the revised
 estimate has been ordered to be sanctioned the
 difference of the estimate required for completion of
 the work will be provided if approved.

15710

Note by Budget Section.

sub div officers
quarters at
Cumtum

In G.O. No. 19 10-86

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following

Letter from S. E. III Circle H.E. No. 1407 d/5 October 1885

Do ————— Do ————— H.E. No. 1331 d/7 October 1886

The revised estimate, amounting to Rs ⁴⁷⁹⁴~~4456~~ for constructing quarters for the sub divisional officer at Cumtum, is sanctioned.

2. The excess of Rs ¹⁷⁹⁴~~4456~~ over the original estimate of Rs 3000/sanctioned in G.O. No. 1549W dated 4 June 1883, is stated to be due chiefly to

- (1) Increased rates
- (2) Inaccuracies in the original estimate
- (3)

(3) Losses during Construc-
-tion.

The increased rates
are said to be due to
the opening of extensive
railway works in the
neighbourhood, and
probably could not be
avoided. With respect
to causes (2) and (3),
the Govt observe that
there has evidently
been great carelessness
on the part of the
officers and subordinates
in charge of the work,
but the frequent changes
in the staff renders it
impossible to fix the
responsibility on any
one individual. Atten-
-tion is however drawn
to the fact that if a
relieving officer, on
taking charge of a
work, fails to bring

to notice bad work or
bad materials, he
renders himself res-
-ponsible for any
excess expenditure
which may thereby
be entailed.

3. The sum of Rs ⁸⁰¹ ~~452~~
required to complete
the work, is allotted
from the Provincial
reserve with Govt.

4. This sanction has
been registered as
Provincial No. 124 W. of
1886-87 and classified
as Civil Buildings
Original Works.

J. A. M.
18/10/86

To.
The Suptg. Engr. III Circle ✓
with 2 enclosures ✓
" Examiner P. W. Acels ✓
with abstract estimate.

P 18/11
J. A. M.
19/10/86
Cu

3-10-13 ✓

2106613
No. 11 & 2 for the water

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20. 10. 56

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