Public Works (1898) Department.

√

G.O., No. 2893 E.S

DATED 15th Nov 98

17/11/98

[Despatch Abstract.]

Taluk office at Alur

Revised Estimate of Rs 14,481 for improvements to the —— in the Bellary Dt, sanctioned, with remarks.

120/C

7/B/Ed √

Indexed. 15/11

[P. W. 26. 1,000—12-2-98.]

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. }
Regd. } 1898.

Enclosures
Spare copies

G.O., No. 2893 W., 15th November 1898.

NOVEMBER.

Taluk Office at Alur

Revised estimate of Rs. 14,481 for improvements to the — in the Bellary district, sanctioned, with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Lieutenant-Colonel W. L. C. BADDELEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 24th September 1898, No. 2388 W.

I have the honour to submit, for sanction of Government, a revised estimate amounting to Rs. 14,581 for improvements to the Taluk cutcherry at Alur in the Bellary district.

2. The excess of Rs. 2,881 over the original estimate of Rs. 11,700 sanctioned in G.O., No. 1612 W., dated 28th August 1896, is due to extra work that had to be done (*vide* copy of Executive Engineer's letter, No. 5571 of 25th July 1898, which is forwarded).

3. The data list for higher rates referred to in paragraph 1 of Colonel Campbell's note printed with the Government Order quoted above, has been forwarded to you with this office endorsement No. 1370, dated 6th August 1896.

Note by the Chief Engineer, Public Works Department.

The revised estimate for improvements to the Taluk cutcherry at Alur, Bellary district, amounting, as corrected in this office, to Rs. 14,481, is recommended for the sanction of Government, with the following remarks :—

(1) The original estimate, amounting to Rs. 11,700, was sanctioned in G.O., No. 1612 W., dated 28th August 1896. It was considered, before this estimate was prepared, whether it was not advisable to construct an entirely new building on the standard design rather than to merely improve, alter and adapt the existing building. The latter alternative was ultimately preferred on the score of economy.

(2) The necessity for the revised estimate is mainly due to the old structure having been found, during the progress of execution of the improvements, to be unsound in places. These unsound portions had thus to be demolished and rebuilt, and relieving arches had to be introduced over existing doors and windows. Again, some of the old woodwork, which was thought, at the time the original estimate was prepared, to be sound, was found, when worked, to be decayed, and new timber had in consequence to be provided.

(3) The revised estimate now submitted is the result of these excesses, as well as of some minor items of excess, which are noticed in full in the following paragraphs. The excess of Rs. 2,781 on the original estimate is, however, reduced by Rs. 1,071, the amount realized by the sale of old materials ; so that the total excess, now requiring the sanction of Government, is Rs. 1,710, or 14·6 per cent., over the original estimate.

(4) The excesses, as exhibited in the comparative statement, comprise numerous items, and can be grouped under the following main heads :—

	RS.
(*a*) Increase in quantity	1,484
(*b*) Increase in rate	349
(*c*) Deviation in material	472
(*d*) Additional items	373
(*e*) Increase in petty supervision and in contingencies	307
	2,985
Deduct—Savings on a few items and Rs. 1,071 realized by the sale of old materials	1,275
Net excess ...	1,710

(5) The increase due to (*a*) is shown in the following table :—

Item.	Sub-head.	Quantity as per original estimate.	Quantity as per revised estimate.	Causes of increase.
1	Dismantling masonry	59·65	104·50	Increase in quantity due to the necessity for dismantling the unsound west wall.
2	Concrete with stone in chunam ..	50·96	67·91	Due to deeper foundations for the wall enclosing the court yard, and for portion of other walls, being found necessary during execution.
3	Coursed rubble stone, first sort, in chunam for superstructure.	76·08	90·86	Due to re-building the dismantled west wall (item 1) and to the necessity of taking the depth to the top of the joists and, at end walls, to top of terrace.
4	Archwork	0·70	1·20	Due to relieving arches over the existing doors and windows being found necessary.
5	Plastering with chunam, two coats ..	82·37	114·26	Due to necessity for plastering inside of the existing walls.
6	Pointing with chunam	57·30	66·98	Due to depth of walls (*vide* item 3).
7	Woodwork, teak	755·87	803·10	Due to the old timber being found unsound, and to the joists having to be made longer than estimated for.
8	Teak, strong, batten door	55·18	86·49	Due to one extra door being provided to record-room.
9	Teak venetian window with glazed shutter inside.	115·50	134·75	Due to a new window in the court-room in place of an existing one.
10	Terrace roofing	35·17	44·20	Increase due to provision for overlapping half the breadth of walls.
11	Wooden lattice work	462	493	Due to increased dimensions.
12	Painting doors and windows ..	26·60	37·06	Due to one extra door and window being provided.
13	Sill stone 4 inch thick	220	278	Due to the substitution of a window to court-room.
14	Flooring with Cuddapah slabs, &c. ..	33·41	36·36	Passage and the proposed verandah had to be floored, as flooring was not provided for in the original estimate.
15	Excavating foundations	5·096	6·666	Due to deeper foundations found necessary (*vide* item 2).

The main excess was entirely unavoidable, and can be passed, the net result being a cheap building, considerably less than would have been the expense entailed by constructing an entirely new structure.

(6) The excess on (*b*) is due to extra rates for Cuddapah slab floor, clamps to stores and windows, and sill stones to the latter. The revised rates are fair and can be passed.

(7) The excess on (*c*) is due to painting of woodwork being substituted for wood-oiling, and to the use of new stone for pavement, the old stone being found too small to be utilized. These deviations were advisable and can be approved.

(8) Items (*d*) and (*e*).—The former excess is due to necessary outlay not foreseen when the original estimate was prepared, and the latter is the proportionate increase due to the extra work done. These items can be passed.

5th November 1898.

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

Order—No. 2893 W., dated 15th November 1898.

The revised estimate of Rs. 14,481, as corrected by the Chief Engineer, for improvements to the Taluk office at Alur in the Bellary district, is sanctioned in supersession of the original estimate of Rs. 11,700 sanctioned in G.O., No. 1612 W., dated 28th August 1896.

2. The expenditure incurred on the work to end of 1897–98 was Rs. 6,915, and the current year's allotment is Rs. 5,710. The Superintending Engineer will apply for such additional grant as may be necessary.

3. This sanction has been registered as Provincial No. 83 W. of 1898–99 and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

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

Exd. T. K. Narayana Aiyangar.

~~A~~
~~# E~~

Public Works DEPARTMENT.

Papers to be read in Proceedings:—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Print { Current No. 7999 of 1898, dated 24th September, from the S.E. III Circle.
„ „ „ 189 , „ , „
„ „ „ 189 , „ , „
Note by the Chief Engineer, P.W. Department, d/ 5-11-98

ORDER.

No: 2893 W d/ 15-11-98

~~(To The Revenue Department for favour of counter-initials)~~

The revised estimate of Rs. 14,481, as corrected by the Chief Engineer, for improvements to the Taluk office at Alur in the Bellary district, is sanctioned in supersession of the original estimate of Rs. 11,700 sanctioned in G.O. No. 1612 W dated 28th August 1896.

2. The expenditure incurred on the work to end of 1897-98 was Rs. 6,915 and the current year's allotment is Rs. 5,710. The Superintending Engineer will apply for such additional grant as may be necessary.

3. This sanction has been registered as Provincial No. 83 W of 1898-99 and classified as Civil Buildings, Original Works.

A.S.H 11.11.98

T.
B
CS

AEK 2-11-98.

5.11.98

The Suptg. Engr. III Circle with 9 enclosures.
,, Examiner, P.W. Accounts.
,, Revenue Department.

Note.

[P. W. 4. 500—17-6-98.]

Note

The causes of excess are explained in the Chief Engineer's note read above.

5-11-98

W.

Ma/

R.S. 7-11-98. R 14.11.98

28

Note by the Chief Engineer

The revised estimate for improvements to the Taluq Cutcherry at Alur, Bellary District, amounting, as corrected in this office, to Rs 14,481, is recommended for the sanction of Government with the following remarks:—

(1) The original estimate, amounting to Rs ~~14,700~~ 11.700 was sanctioned in G.O No 1612W, dated 28 August 1896. It was considered, before this estimate was prepared, whether it was not advisable to construct an entirely new building on the standard design rather than to merely improve, alter and adapt the existing building. The latter alternative was ultimately ~~prepared~~ prefered on the score of economy.

(2) The necessity for the revised estimate is mainly due to the old structure having been found, during the progress of execution of the improvements, "to be unsound in places." These unsound portions had thus to be demolished and rebuilt, and relieving arches had to be introduced over existing doors and windows. Again, some of the old woodwork, which was thought, at the time the original estimate was prepared, to be sound, was found, when worked, to be decayed, and new timber had in consequence to be provided.

(3) The revised estimate now submitted, is the result of these excesses, as well as of some minor items of excess, which are noticed in full in the following paragraphs. The excess of Rs 2,781 on the original estimate is, however, reduced by Rs 1071, the amount realised by the sale of old materials; so that the total excess, now requiring the sanction of Government, is Rs 1710 or 14.6 per cent over the original estimate.

(4) The excesses, as exhibited in the Comparative statement, comprise numerous items, and can be grouped under the following main heads:—

	Rs
(a) Increase in quantity —	1,484
(b) Increase in rate —	349
(c) Deviation in material	472
(d) Additional items	373
(e) Increase in petty supervision and in contingencies -	307
	2,985
Deduct savings on a few items & Rs 1071 realised by the sale of old materials.	1,275
Net excess	1,710

(5) The increase due to (a) is shewn in the following table—

tem	Sub head	Quantity as per original estimate	Quantity as per revised estimate	Causes of increase
1	Dismantling masonry	59.65	104.50	Increase in quantity due to ~~dismantling~~ the necessity for dismantling the unsound West Wall.
2	Concrete with stone in Chunam	50.96	67.91	Due to deeper foundations for the wall enclosing the Court yard, and for portion of other walls, being found necessary during execution.
3	Coursed rubble stone 1st sort in Chunam for superstructure	76.08	90.86	Due to rebuilding the dismantled West wall (item 1) and to the necessity of taking the depth to the top of the joists and, at end walls, to top of terrace.
4	Archwork	0.70	1.20	Due to relieving arches over the existing doors and windows being found necessary.
5	Plastering with Chunam 2 coats	82.37	114.26	Due to necessity for plastering inside of the existing walls.
6	Pointing with Chunam	57.30	66.98	Due to depth of walls vide item 3
7	Woodwork Teak	755.87	803.10	Due to the old timber being found unsound, and to the joists having to be made longer than estimated for.
8	Teak strong batten door	55.18	86.49	Due to one extra door being provided to record room.
9	Teak Venetian window with glazed shutter inside	115.50	134.75	Due to a new window in the Court room in place of an existing one.
10	Terrace roofing	35.17	44.20	Increase due to provision for overlapping half the breadth of walls.
11	Wooden lattice work	462	493	Due to increased dimensions.
12	Painting doors + windows	26.60	37.06	Due to one extra door and window being provided.
13	Sill stone 4" thick	220	278	Due to the substitution of a window to Court room.
14	Flooring with Cuddapah slabs &c	33.41	36.36	Passage and the proposed verandah had to be floored as flooring was not provided for in the original estimate.
15	Excavating foundations	5.096	6.666	Due to deeper foundations found necessary, vide item 2.

The main excess was entirely unavoidable, and can be passed, the net result being a cheap building, considerably less than would have been the expense entailed by constructing an entirely new structure.

(6) The excess on (b) is due to extra rates for Cuddapah slab floor, clamps to stones and windows, and sill stones to the latter. The revised rates are fair and can be passed.

(7) The excess on (c) is due to painting of wood work being substituted for ~~work~~ wood-oiling, and to the use of new stone for pavement, the old stone being found too small to be utilized. These deviations were advisable and can be approved.

(8) Items (d) + (e). The former excess is due to necessary outlay not foreseen when the original estimate was prepared, and the latter is

the

the proportionate increase due to the extra work done. These items can be passed.

AGH
2.11.98.

Seen. A.G.H

EW 5.11.98

7999

This is a very lucid note

5.11.98

28934

Fair copy & send to HC.

HC

Done

Note by S.W.

The revised estimate for improvements to the Taluk Cutcherry at Alur, Bellary district, amounting, as corrected in this office, to Rs 14,481, is recommended for the sanction of Govt. with the following remarks:—

(1) The original estimate, amounting to Rs 11,700, was sanctioned in G.O. No 1612 W, dated 28 Aug. 1896. It was considered, before this estimate was prepared, whether it was not advisable to construct an entirely new building on the standard design rather than to merely improve, alter and adapt the existing building. The latter alternative was ultimately preferred on the score of economy, ~~because~~ there appeared to be no reason to suppose that the building was unsound.

(2) The necessity for the revised estimate is mainly due to the old structure having been found during the progress of execution of the improvements, to be unsound in ~~many~~ places. These unsound portions had thus to be demolished & rebuilt.

and relieving arches had to be introduced over existing doors and windows. Again, some of the old woodwork, which was thought, ~~the sound~~ at the time the original estimate was prepared, to be sound, was found, when worked, to be decayed, and new timber had in consequence to be provided.

(3) The revised estimate now submitted, is the result of these excesses, as well of as of some minor items of excess, which ~~will be~~ are noticed in full in the following paragraphs. The excess of Rs 2,781 on the original estimate is, however, reduced by Rs 1031, the amount realized by the sale of old materials, so that the total excess, now requiring the sanction of Govt. is Rs 1710, or 14.6 per cent over the original estimate

(4). The excesses, as exhibited in the Comparative Statement, comprise numerous items, & can be grouped under the following main heads:-

	Rs
(a). Increase in quantity . .	1484
(b). Increase in rate . .	349
(c). Deviations in material .	472
(d). Additional items	373
(e) Increase in Petty supervision & in Contingencies }	307
	2,985
Deduct savings on a few items & Rs 1031 realized by the sale of old materials }	1275 1,295
Net excess	1,710

(5) The increase due to a is shown in the following table:— (N. B. Table at page 2 of the technical note)

The main excess was entirely unavoidable, & can be passed, the net result being a cheap building, considerably less than would have been the expense entailed by constructing an entirely new structure.

(6) The excess on (b) is due to extra rates for Cuddapah slab floors, clamps to doors & windows, & sill stones to the latter. The revised rates are fair & can be passed.

(7) The excess on (c) is due to painting of woodwork being substituted for wood-oiling, & to the use of new stone for basement, the old stone being found too small to be utilized. These deviations were advisable & can be approved.

(8). Items (d) & (e). The ~~former~~ former excess is due to necessary outlay not foreseen when the original estimate was prepared, & the latter is the proportionate increase due to the extra work done. These items can be passed.

ASR
23. 10. 98

H.C.

Fair copy of my note can be made, & a draft G.O sanctioning estimate.

A.K
23.10.98.

5.11.98

W

P. W. 60
200—2-9-96.

Public Works Department.

Current No. 7999

Letter No. 2388 W

Dated 24th September 1898

From the Superintending Engineer 3rd Circle

NOTE BY TECHNICAL SECTION.

Name of work Revised Estimate for improvements to the Talug Cutcherry at Alur - Bellary District.-

Amount of Estimate as received	Rs 14,581
" as now corrected in this office owing to error in Calculation in Coursed rubble 1st sort in mortar	14,481
Deduction by the sale of materials.........	1,071
	13,410

An estimate amounting to Rs 11,700 for additions and improvements to the Talug Office at Alur in the Bellary District was sanctioned in G.O. No. 1612 W dated 28th August 1896.-

The S. E. 3rd Circle now submits a revised estimate for Rs 14,581 - 1071 (deduction by the sale of materials) = 13,510, altered in this Office to Rs 13,410, shewing an excess of Rs 1,710 or 14.6 P.C over the Original estimate.-

The Comparative statement is composed of many items and the causes of excess is grouped under the following main heads.-

(a) Increase in quantity	Rs	1,484
(b) Increase in rate	"	349
(c) Deviation in materials	"	472
(d) New items	"	373
(e) Increase in Contingencies & petty Supervision	"	307
		2,985
Deduct - Sum due to savings on a few items and Rs 1,071 by the sale of materials		12
Net Excess Rs		1,710

~~The increase due to (a) is shewn below.~~

2

em	Sub head	Quantity as per Original estimate	Quantity as per revised estimate	Causes of increase
1	Dismantling masonry	59.65	104.50	Increase in quantity due to the necessity for dismantling the unsound West wall ~~(from window sill to terrace) which was not strong~~.
2	Concrete with stone in Chunam	50.96	67.91	Due to deeper foundations for the wall enclosing the Court yard and portion of other walls being found necessary during execution.
3	Coursed rubble stone 1st. sort in Chunam for Superstructure	76.08	90.86 ~~94.80~~	Due to rebuilding the dismantled West wall (item 1) and to the necessity of taking the depth to the top of the joists and, at end walls, to top of terrace.
4	Archwork	0.70	1.20	Due to relieving Arches over the existing doors and windows being found necessary.
5	Plastering with Chunam 2 Coats	82.37	114.26	Due to necessity for plastering inside of the existing walls ~~being found necessary~~
6	Pointing with Chunam	57.30	66.98	Due to depth of walls vide item 3.
7	Woodwork Teak	755.87	803.10	~~New bressummers and Wall plates had to be used both for the existing front Verandah and proposed East Verandah,~~ ~~Due to that~~ old timber being found unsound, and to ~~Also~~ the joists ~~had~~ having to be made longer than estimated for.
8	Teak strong batten door	55.18	86.49	Due to one extra door being provided to record room.
9	Teak Venetian window with glazed shutter inside	115.50	134.75	Due to a new window in the Court room in place of an existing one.
10	Terrace roofing	35.17	44.20	Increase due to provision for overlapping half the breadth of walls.
11	Wooden lattice work	462	493	~~[illegible]~~ Due to increased dimensions.
12	Painting doors & windows	26.60	37.06	Due to one extra door and window being provided.
13	Sill stone 4" thick	220	278	Due to the Substitution of a window to Court room.
14	Flooring with Cuddapah slabs	33.41	36.36	~~Due to an omission in the original estimate~~ Passage & the proposed Verandah had to be floored, as flooring was ~~[illegible]~~ not provided for in the Original estimate.
15	Excavating foundations	5.096	6.666	Due to deeper foundations found necessary, vide item 2

Item (b) The excess is due to extra rate for clamps to doors and windows, and sill stones to the latter. Also to Cuddapah slab floor

Item (c) The excess is due to the use of new stones for basement instead of old stone provided, being too small to be utilized, and for painting woodwork instead of woodoiling

Item (d) Some items which have not bee foreseen when the original estimate was prepared were found necessary during the execution of the work.

Item (e) Proportionate increase.

19.10.98

S.D
19-10-

Public Works (1898) Department.

CURRENT No. 7999

From The Supdg Engineer
III Circle
Bellary

No. 2388 W

Order

Dated 24-9-98.

Received } 27.9.98
Registered }

Enclosures 9 (1 Plan)

Spare copies

SUBJECT.

Tq: Cutcherry Alur

Submitting for Sanction of Govt: a revised estimate for improvements to the —

For scrutiny
29.9.98.

1612 W
28/12/56

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.
3218 C	28-8-96 ✓		
1612 W	28-5-96 ✓		
361 W	29-1-96 ✓		
1512 C	18-3-96 ✓		

No. 2388 W

Superintending Engineer's Office,
3RD CIRCLE,
Bellary 24 September 1898.

VP

FROM Lieut. Col. W. L. C. Baddeley R.E.
SUPERINTENDING ENGINEER,
IIIRD CIRCLE,

To

THE Chief Engineer,
P. W. Department,
Madras.

7 6 Enclosures.

1 Revised detailed estimate.
1 comparative Statement.
1 Data
1 File of original estimate containing 4 enclosures.
1 Plan of building
1 Copy of letter No. 5571 of 25-7-98.

(Sent by book post)

3218 C 28-8-96

Sir,

I have the honour to submit for sanction of Government a revised estimate amounting to Rs. 14,581 for improvements to the Taluq Cutcherry at Alur in the Bellary District.

2. The excess of Rs. 2,881 over the original estimate of Rs. 11,700 sanctioned in G. O. No. 1612 W dated 28th August 1896 is due to extra work that had to be done vide copy of Exe: Engineer's letter No. 5571 of 25th July 1898 which is forwarded.

3. The data list for higher rates referred to in para 1 of Colonel Campbell's note printed with the G. O. quoted above has been forwarded to you with this Office endorsement No. ~~1379~~ 1370 dated 6th August 1896.

I have the honour to be,
Sir,
Your most obedient servant,
W. Baddeley Lieut. Col. R.E.
Supdg: Engineer, III Circle.

22-9-98

From
The Superintending Engineer,
IIIrd Circle,
Bellary.

To

The

Dated
Received
189 .

Enclosures.

No.

Subject.