~~Marine~~ P.W. (1899) Department.

G.O., No. 1113 W

DATED 25 April 1899

27/4/99

[Despatch Abstract.]

Old jail buildings at Chittoor.

Revised estimate of Rs 11,020, for converting the ——, North Arcot District, into quarters for Police Constables, sanctioned with remarks.

11/6

T/B/CS

2d 27/4

[M. 5. / 500—23-8-97.]

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 {1899} of Madras.

PUBLIC WORKS.

Recd.	1899.	*Enclosures*
Regd.		*Spare copies*

G.O., No. 1113 W., 25th April 1899.

APRIL.

Old Jail Buildings at Chittoor

Revised estimate of Rs. 11,020, for converting the —, North Arcot district, into quarters for police constables, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From H. A. STUART, Esq., I.C.S., Acting Inspector-General of Police, Madras, to the Chief Secretary to Government, dated 21st February 1899, No. 735.

I have the honour to submit, for the sanction of Government, a revised estimate, amounting to Rs. 11,020, for converting the old Jail buildings at Chittoor into quarters for 11 head constables and 68 constables and for the construction of two latrines (*vide* paragraphs 3 and 4 of Mr. Hammick's letter No. 1862, dated 26th May 1897, approved of in G.O., No. 824, Judicial, dated 12th June 1897).

2. The original estimates amounted to Rs. 10,150. The revised estimate now submitted exceeds this sum by Rs. 870, owing principally to new trusses proposed in the place of the old country-wood trusses which were found quite unsafe and to the provision of drains which are considered essential. A saving has been effected by the use of old bricks instead of new ones (*vide* report accompanying the estimate).

A comparative statement of differences between the original estimate and the revised one and the sanctioned plans are also submitted.

3. The repair of the Jailor's office for the use of the recruits' class (paragraph 5 of the letter referred to above) has not been undertaken as this building is reported to be in too bad a condition to admit of any repairs and it will be demolished.

No. 634, Judicial.

Approved and transferred to the Public Works Department.

3rd March 1899. (Signed) A. R. KNAPP,
Ag. Under Secretary.

Note by the Chief Engineer, Public Works Department.

An estimate, amounting to Rs. 10,150, for converting the old Jail lines at Chittoor, in the North Arcot district, into huts for police constables, was sanctioned in G.O., No. 3097 W., dated 6th November 1897. The Inspector-General of Police, with his letter No. 735 of 21st February 1899, submits, for the sanction of Government, a revised estimate, prepared by the Superintending Engineer, IV Circle, amounting to Rs. 11,020. The excess over the orginal estimate is inconsiderable, amounting to Rs. 870 or 8·5 per cent. of the original estimate, and thus exceeding the permissible limit by only 3½ per cent.

The causes of excess are as follows :—

	RS.
(*a*) Increase in quantity	501
(*b*) Omission in original estimate	614
(*c*) Deviation in material	313
(*d*) Increase in rate	67
...	1,495
Deduct—Sum due to savings ...	625
Net excess ...	870

The increase due to (*a*), together with the causes thereof, is shown in the following table :—

Sub-head.	Quantity in original estimate.	Quantity in the revised estimate.	Remarks.
Plastering one coat and whitewashing one coat.	59,800	65,600	Due to extra items found necessary during execution.
Roofing with bamboo reepers, pan tiles, &c., complete.	2,500	3,000	Due to the old roof falling in, in places.
Coping 9″ thick to compound wall	2,021	2,280	Due to actual measurement.
Dismantling brick in mud	480	1,200	Do. do. in cook-house.
Brick in mud	3,900	5,140	Do. do. female debtors' ward.

The above increases were all necessary and can be passed, as actual quantities of new work required cannot be accurately ascertained until old work is dismantled, and the quantity of old materials that can be made available ascertained by actual examination.

Item (*b*).—The increase is due to the following :—

(1) Omissions of drains and coverings in the original estimate. These are necessary to drain off water.
(2) Omission of relieving arches over all cross walls, now found necessary.
(3) Omission of lintel pieces over doors and windows.
(4) Omission in the original estimate for clearing site and levelling.
(5) Demolition of quarantine shed, ordered subsequent to the sanction of the original estimate and to other minor causes.

The first four omissions might have been obviated by more careful designing and estimating.

Item (*c*).—The excess is due to the substitution of sound for decayed timber, and to difference in cost between country-wood work as estimated and teakwood supplied.

Item (*d*).—Excess due to the use of a large proportion of new tiles and new bamboos and reepers, in place of those damaged, and to other minor causes. The cause of excess in items (*c*) and (*d*) could not have been foreseen.

(Signed) A. W. SMART, Col., R.E.,
5th April 1899. Acting Chief Engineer.

Order—No. 1113 W., dated 25th April 1899.

The revised estimate, amounting to Rs. 11,020, for converting the old Jail buildings at Chittoor, North Arcot district, into quarters for police constables is sanctioned in supersession of the estimate of Rs. 10,150 sanctioned in G.O., No. 3097 W., dated 6th November 1897.

2. An allotment of Rs. 10,150 was provided for the work in the Provincial Civil Works budget for 1898–99. The Superintending Engineer will apply for the unspent balance of the estimate in his statement of demands for incomplete works.

3. It is observed that the omissions in the original estimate, which the Chief Engineer considers might have been obviated by more careful designing and estimating, would not by themselves have caused an excess above the permissible limit, and that the other excesses were unavoidable and could not have been foreseen.

4. The sanction accorded in paragraph 1 of these Proceedings has been registered as Provincial No. 6 W. of 1899–1900, and classified as Civil Buildings—Original Works.

(True Extract.)

(Signed) A. W. SMART, Colonel, R.E.,
Ag. Secy. to Government.

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

Exd. T. K. Narayana Aiyangar.

Public Works DEPARTMENT.

READ the following :—

Print
From the Inspector-General of Police, No. 736 d/ 21st February 1899
Endorsement in the Judicial Department, No. 634 d/ 3d March 1899.
Note by the Chief Engineer, P. W. D d/ 5-4-99

4P

Circulated to His Excellency the Governor.

B & R
Civil works

ORDER. No: 1113 W & 28-4-99

18.4.99

t Flag Y

C.S.

The revised estimate, amounting to Rs. 11,020, for converting the old Jail buildings at Chittoor, North Arcot District, into quarters for Police Constables is sanctioned in supersession of the estimate of Rs. 10,150 sanctioned in G.O. No. 3097 W., dated 6th November, 1897.

2. An allotment of Rs 10,150 was provided for the work in the Provincial Civil Works budget for 1898-99. The Supdg. Engineer will apply for the unspent balance of the estimate in his statement of demands for incomplete works.

~~3. Though the excess is not great, His Excellency the Governor-in-Council agrees with the Chief Engineer in considering that the omissions in the original estimate it might have been avoided & ~~could have~~ ~~been~~ obviated by more careful designing~~

3. It is observed that the omissions in the original estimate, which the Chief Engr. considers might have been obviated by more careful designing & estimating, would not by themselves have caused an excess above the permissible limit, and that the

P. W. 4
1,000—14-11-98.

other excesses were unavoidable &
could not have been foreseen
~~designing and estimating.~~

4. The sanction accorded in para 1 of these Proceedings has been registered as Provincial No 6 W of 1899-1900, and classified as Civil buildings, original Works

ACK
30.3.99

W. 5/4/99

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

ACK
30.3.99.

W. 5/4/99

To The S. E. IV Circle with encls. (12)
" Exar. P. W. Accounts ✓
" Judicial Department. ✓

11/5/99

Xd. 29.3.99 H.E. 6/4/99. R. 21/4/99

P. W. D.

Note by the Chief Engineer.

An estimate, amounting to Rs 10,150, for converting the old jail lines at Chittore, in the North Arcot District, into huts for Police constables, was sanctioned in G.O. No 309, W, dated 6th November 1897. The Inspector General of Police, with his letter No 735 of 21.2.99, submits, for the sanction of Government, a revised estimate, prepared by the Superintending Engineer IV Circle, amounting to Rs 11,020. The excess over the original estimate is inconsiderable, amounting to Rs 870 or 8.5 per cent of the original estimate, and thus exceeding the permissible limit by only 3½ per cent. —

The causes of excess are as follows:—

(a) Increase in quantity	Rs 501.
(b) Omission in original estimate.	" 614.
(c) Deviation in material	" 313.
(d) Increase in rate —	" 67.
	Rs 1495
Deduct sum due to Savings	Rs 625
Net Excess	Rs 870.

The

The increase due to (a), together with the Causes thereof, is shown in the following table:—

Sub-Head.	Quantity in original estimate.	Quantity in the revised estimate.	Remarks.
Plastering one Coat & White washing one coat.	59,800	65,600	Due to extra items found necessary during Execution.
Roofing with bamboo reepers, pan tiles &c complete	2,500	3,000	Due to the old roof falling in, in places
Coping 9" thick to Compound wall.	2021	2280	Due to actual measurement.
Dismantling brick in mud	480	1200	— do — in Cook house
Brick in mud.	3900	5140	— do — Female ~~Doctors~~ ward

The above increases were all necessary & can be passed, as actual quantities of new work required cannot be accurately ascertained until old work is dismantled, and the quantity of old materials that can be made available ascertained by actual examination.

Item (b), the increase is due to the following:—

(1) Omissions of drains and coverings in the original estimate. These are necessary to drain off water ~~so essential to Sanitation~~.

(2) Omission of relieving arches over all cross walls, now found necessary.

(3) Omission of lintel pieces over doors and windows.

(4) Omission in the original estimate for clearing site and levelling.

(5) Demolition of Quarantine Shed, ordered subsequent to the Sanction of the original estimate and to other minor Causes. The first four omissions might have been obviated by more careful designing and Estimating.

Item (c). The excess is due to the substitution of sound for decayed timber, and to difference ~~[illegible]~~ ~~Causes~~ in cost between Country wood work as estimated and teakwood supplied.

Item (d). Excess due to the use of a large proportion of new tiles and new bamboos and reepers, in place of those damaged, & to other minor Causes.

The Cause of excess in items (c) & (d) could not have been forseen.

APK
10.3.99.

EW
6/4/99
E.W.

Public Works Depa

1113 W

Current No. 1972
~~Letter~~ Endorst No 634
Dated 3rd March 1899.
From the Judicial Department.

NOTE BY TECHNICAL SECTION.

Name of work. Converting the Old Jail lines at Chittoor into Police Lines
Est Rs 11,020.

Note by E.W

An Estimate, amounting to Rs 10,150, for converting the old jail lines at Chittoor, in the North Arcot district, into huts for Police constables was sanctioned in G.O. No 3097 W, dated 6th Novr 1897.

The Inspector-General of Police, with his letter No. 735 of 21-2-99, submits, for the sanction of Government, a revised Estimate prepared by the Supg Engineer, IV Circle, amounting to Rs 11,020. ~~is Rs 870 or 8.57 per cent in~~

The Excess over the original Estimate is thus ~~inconsiderable~~, amounting to ~~sanctioned in the order quoted above~~ Rs 870, or 8.5 per cent of the original ~~The Judicial Department have~~ estimate, and thus exceeding the ~~approved of the revised Estimate~~ permissible limit by only 3 ~~forwarded with endorsement~~ per cent. ~~No. 634/3.3.99 for sanction of Government~~

Sanction estimate & make fair G.O.
Note
AK
22.3.99

DW

[P. W. 60.
250—5-9-98.]

plans

~~in the P. W. Dept.~~

The causes of Excess are ~~grouped under the following heads.~~ as follows:—

(a) Increase in quantity — Rs. 501
(b) Omission in Original Estimate Rs. 614
(c) Deviation in material — Rs. 313
(d) Increase in rate —— Rs. 67

Rs. 1495

Deduct. Sum due to Savings —— Rs. 625

Net Excess Rs. 870

The increase due to (a), ~~xxx~~ together with the causes thereof, is shown in the following table.

Sub. head	Quantity in original Estimate	Quantity in the revised Estimate	Remarks.
Plastering one coat & White washing 1 coat	59,800	65,600	Due to extra items found necessary during execution.
Roofing with bamboo Reepers, pan tiles &c complete	2,500	3,000	Due to the old roof falling in in places ~~other than that provided in Orig. Estimate~~
Coping 9" thick to compound wall	2021	2280	Due to actual measurement.
Dismantling brick in mud	480	1200	—— do —— in Cook house.
Brick in mud	3900	5140	—— do ——

The above increases were all necessary & can be passed, as actual quan- ~~and generally, owing to the dilapidated condition of roof and timber~~ tities of new work, estimated, cannot be accurately ascertained until ~~the~~ ~~It was found necessary to dismantle the roof & reroof it with good material~~ old work is dismantled, & the quantity of old material that can be made available ascertained by actual examination.

Item (b), the increase is due to the following.—

1. Omissions of drains and coverings in the Orig. Estimate. These are necessary to drain off water & essential to sanitation. Such additions to works originally proposed ~~in an estimate~~ shd be provided for in future in a supplemental estimate, & are not proper items for inclusion in a revised Estimate, see P.W. Code

2. Omission of relieving arches over all cross walls, now found necessary.

3. Omission of lintel pieces over doors and windows.

Enclosure No. 6

(4) Omission in the original Estimate for clearing site and levelling.

(5) Demolition of Quarantine Shed ordered subsequent to the Sanction of the original Estimate and to other minor causes.

The first 4 omissions might have been obviated by more careful designing & Estimating.

Item C. The Excess is due to the substitution of Sound for decayed timber, and to difference in cost between countrywood work as estimated and teakwood supplied.

Item (d). Excess due to the use of a large proportion of new tiles and new bamboos and reepers, ~~which~~ in place of those damaged, & to other minor causes.

These causes of excess on items C & (d) could not have been foreseen

H. C. W.
22. 3. 99

APK
23. 3. 99.

P.W.
~~Judicial~~ (1899) Department.

CURRENT No. 1972 ~~872~~

3097 W 6.4/97

CS

2 P

From
H. A. Stuart Esquire, I.C.S.
Ag. Inspr Genl of Police,
Madras.

No. 735.

~~**Order**~~ Endorsement:- No 634 / dy 3-3-99.
Approved & transferred to the Public Works Department.

A.Ashnapp.
Ag: Under secretary

Dated 21st February/99.

Received } 6. 3. 99 ~~22. 2. 99.~~

Registered }

Enclosures 14 (5 plans) ~~Ten 13. (5 plans separate)~~

Spare copies

A.N. 28/2/99

SUBJECT.

Submitting for Sanction revised estimate for Rupees 11,020/. for converting the old jail buildings at Chittore into Quarters for the Police.

For check
A.K.
7-3-99.

D.W.
7-3-99

H.C.

The Public Works Deptt.
with plans

No 3097W of 6-11-97
" 2685C " 28-5-97
" 1397C " 11-3-97
" 4074C " 13-11-96
" 2966W " 20-11-95
" 2808W " 5-11-95

BACK PAPERS.

G.O.	No.	Department	Date.
	824	8 8 papers	12-6-97

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Enclosure No. 6
To letter No. 735 J/21-2-99.
From Inspector-General of Police.

Letter from S. D. Pears Esq Executive Engineer, North Arcot division, to the Supg Engineer 4th Circle No 673 SE dated 1st December 1898.

I have the honor to submit a revised estimate amounting to Rs 11020 for converting Chittoor old jail into Police lines.

The principal items of excess are three

(a) about Rs 400 is due to the fact of many of the old country wood trusses having been found to be in an unsafe state of decay.

(b) about Rs 300 is now provided for brick drains. As the buildings stand on a retentive soil with little or no surface slope these are essential to sanitation. They were not provided in the original estimate.

(C) About Rs 100 is now provided for clearing up debris in the compound. With so large an amount of demolishing work, this is more

than

than the piece worker who did the dismantling work can fairly be expected to do for the low rate allowed (12 annas per 100 cft)

(d) The existing woodwork is venteak. The general Superintendent having reported that the present rates for Venteak are practically the same as teak the latter wood will be used, and the rate has been raised accordingly.

Against these excesses a considerable saving has been effected by the use of old bricks instead of new, the work dismantled having furnished somewhat more of the former than was expected.

Other excesses and savings are trifling, the net result being an excess on the whole work of Rs 640.

Paras 1 and 2 of the Chief Engineer's note printed with G. O. No. 3097 W of 6th November 1897 have been attended to and the reply to para 3 of the same note is, that the two store rooms (about 6'-3" sqr. each) were of no use, were in bad order, and were not worth repairing and hence proposed to be demolished.

The sanctioned plans are at the workspot and if required will be sent.

17.12.98

No. O-48.

CURRENT No. 872 Jud.

8

DEPARTMENT.

No. 735.

CHIEF OFFICE OF THE INSPECTOR-GENERAL OF POLICE,

Madras, 21st February 1899.

1P

From H. A. Stuart, Esqre. I.C.S.,
~~M. HAMMICK, Esq., I.C.S.,~~
Ag. INSPECTOR-GENERAL OF POLICE,
Madras,

To

THE Chief Secretary to Government.
Fort Saint George.

SIR,

Enclosures.

I have the honour to Submit for the Sanction of Government a revised Estimate amounting to Rupees 11,020 for converting the old Jail buildings at Chittur into quarters for 11 head Constables and 68 Constables and for the Construction of two latrines. Vide paras 3. and 4 of Mr. Hammick's letter No. 1862 dated 26th May 1897 approved of in G. O. No. 824. Judicial, dated 12th June 1897.

A

2. The original estimates amounted to Rupees 10,150. The revised estimate now Submitted exceeds this Sum by Rupees 870, owing principally to new trusses proposed in the place of the old Country wood trusses which were found quite unsafe and to the provision of drains which are Considered essential. A Saving has been effected by the use of old bricks instead of new ones; vide report accompanying the Estimate.

A Comparative Statement of differences between the original Estimate and the revised one and the Sanctioned plans are also Submitted.

3. The

1899
Jud. Dept.
Enclos. No. 8
To
O. No. 872

Out
1272/99

3. The repair of the Jailor's office for the use of the recruits' Class - para 5 of the letter referred to above - has not been undertaken as this building is reported to be in too bad a condition to admit of any repairs and it will be demolished.

I have the honour to be,
Sir,
Your most Obedt Servant,

Douglas Robertson
for Ag. Inspr Genl of Police.

E.S. R.S.K.

OwS.9
1572/88

5P