

- (1) Number of pages _____
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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	825	Press
B.P. No.		Mis.
Dated	23-3-1951	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23rd March 1875.*

No. 580. Read the following letter from R. SMITH, Esq., District Engineer of Nellore, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Nellore, 1st March 1875, No. 115.—

I HAVE the honor to submit revised estimates and comparative statements for the Police Station-houses at Tettoo

1 for Tettoo Station	...	...	Rs. 1,230	and Tanguturu. These buildings were
1 for Tanguturu Station	...	...	1,300	sanctioned in G. O., No. 1,781, dated
2 Comparative Statements.				10th July 1873. These station-houses

were originally estimated to cost Rupees 990 and Rupees 1,010, respectively. Some of the rates then allowed were rather low under the circumstances, and for this oversight I am responsible.

2. The original estimates have been considerably exceeded, and I am sorry to have to add that a portion of the excess is due to imperfect supervision. Mr. Overseer Tims was in immediate charge of the buildings and should have managed much better than he did under the direction of a Range Officer like Mr. Ottmann. The latter is, however, to blame for not insisting on a fair amount of work being secured for the sums charged. It is true that building operations have to be carried on in the sub-division under difficulties, but the obstacles are not so great as to warrant the high rates that have been paid for some of the items. The Range Officer admits this, and is prepared to refund a proportionate share of what I consider to be excessive. The balance, he suggests, should be made good by the Overseer. If the Government approve of this arrangement, the amounts to be recovered would be as follows:—

	Rs.	A.	P.
On account of Tettoo Station	...	...	...
On account of Tanguturu	...	...	...
	53	10	6
	83	7	3

3. In forwarding these estimates, I must observe the Range Officer should have submitted them long before he did; but in justice to him I beg to add that he has for some time past been in a delicate state of health.

4. As the current official year is fast drawing to a close, the early sanction of the accompanying estimates is solicited.

No. 581. ORDER THEREON, 23rd March 1875, No. 825.

CIVIL WORKS, No. 31.

THE revised estimates are sanctioned and the retrenchments proposed by the District Engineer will be made, but the Government cannot but censure the negligence of the Overseer Mr. Tims and the Range Officer Mr. Ottmann which has resulted in excessive outlay.

2. The net increase on the station house at Tanguturu is	...	Rs. 350
for that at Tettoo	...	210

Rs. 590

and deducting the retrenchment of Rupees 142-1-9 from the two officers concerned the net excess is Rupees 447-14-3.

Proceedings of the Madras Government, Public Works Department,
23rd March 1875.

3. It is observed that out of the revised estimate, amounting to Rs. 1,300, for the station-house at Tanguturu, Rupees 650 were spent up to end of 1873-74, and that Rupees 88 will be the amount of retrenchment on account of this work leaving Rupees 616 to be provided in the current year. This amount is made available by transfer from the sum of Rupees 2,120 surrendered by the Superintending Engineer, Tanjore, from the grant made for the Police huts on the Karical frontier in G. O., No. 52, of 6th August 1874.

4. Out of the revised estimate of Rupees 1,230 for the station-house at Tettoo, Rupees 932 were spent up to end of 1873-74, and Rupees 64 is the amount to be retrenched, leaving a balance of Rupees 214; but as this amount is below Rupees 500, no specific allotment of funds is necessary.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Nellore.
" Controller of Public Works Accounts
" Judicial Department

Est S. T. Austin.
Spare Copies

Revised Abstract Estimate
Nellore District

Work Constructing a Police Station House at Tanguturu Sanctioned by Government in G. O. No. 1781 dated 10th July 1873.

Quantity	Description of Charges	Rate	Amount	Total
257	Cft of concrete	2 5/8	39	132
1718 ¹ / ₁₆	D of Brick in Chumam	2 9/16	299	121
2 ¹ / ₃	D of Laterite in Chumam	52	120	
29 ¹ / ₂	D of Arch work	1 5/8	82	3
5 ²⁸ / ₁₀₀	Squares of Roofing with Ceylon Palmyrah Couplers, reapers nails flat and pan tiles Chumam borders etc Complete. Work being tamed.	41 0	216	78
2 ¹ / ₈	Squares of Madras Terrace roofing with 3 Courses of flat tiles and 3 Coats of plastering	19 3 6	40	135
9 ⁷ / ₁₆	Cft of Teak wood	2 6 2	22	11
<u>Carried Over</u>			<u>6289 6</u>	

	- Brought forward -	628 9 6
37 $\frac{3}{4}$	- Cft of Teak wood for joists wrought and put up -	2 9 $\frac{3}{4}$ 97 6 9
7 $\frac{3}{4}$	Cft of country wood - Teak for reapers at 1 $\frac{1}{2}$	2 1 6 16 3 7
	Cft for square -	
16 $\frac{52}{100}$	Squares of Plastering with Hydraulic mortar	3 13 5 63 10 9
3 $\frac{66}{100}$	Squares of Flooring with Brick on edge and plastering with Hydraulic mortar except prison places	13 4 6 118 9 9
1 $\frac{1}{8}$	Squares of Asphaltic flooring -	22 14 25 11 6
4	2 Railings with Teak wood frames and $\frac{3}{4}$ - Square bar iron $7\frac{1}{2} \times 6\frac{1}{2}$ in front 2 Do Do for top $7\frac{1}{2} \times 8$ -	80 7 6 32 1 14 2
85	Rft of cornice work	3 3 17 4 3
1	Teak wood batten door with frames, hinges, bolts etc complete $4 \times 6\frac{1}{2}$ -	36 11 7 36 11 7
3	Teak wood windows with frames, shutters, iron bars etc complete $2\frac{1}{2} \times 3$	11 7 $\frac{1}{2}$ 34 5 5
	Brought Over -	1290 7 3

	- Brought forward -	1290 7 3
2	Iron grated Ventilators $1\frac{1}{2} \times \frac{1}{2}$ -	3 7 4 6 14 8
	Excavating foundations and pelling, in -	2 6 0
	Scaffolding, Superintendence and Sundries -	60 4 1
	Total	1360 0 0

District Engineer's
Office
Kelloe
1st March 1875
R. H. C.

G. H. C.
District Engineer

Enclosure in a letter to 115 dated
1st March 1875 from the District
Engineer of Madras to the Secretary
to Government D. P. M. Fort Saint
George, Madras.

31/8/1874 25

Mr. 1456/75

G.O. No. 825 923-3

Revised Abstract Estimate

Constructing a Police Station
House at Tanguy, Santhor
by Government in G. O. No. 115
dated 10th July 1873.

Revised Abstract Estimate - 3 ✓

— Kollare District — 11 ✓

Work — Constructing a Police Station House at
Tettu sanctioned by Government in G. O. No. 115
dated 10th July 1873.

Quantity	Description of Charges	Rate	Amount	Total
257	Cft. of Concrete	1.6.24	1.6	✓
1718 $\frac{1}{8}$	D. of Brick in Chumam	2.3.24	1.9.3	
2 $\frac{1}{3}$	D. of Laterite in Chumam	5.2	12.1	✓
29 $\frac{1}{2}$	D. of Arch work with Brick in Chumam	4.2	7.11	
5 $\frac{28}{100}$	Squares of Roofing with Coiglon Palmirah couples, keepers, nails, flat and span tiles, Chumam borders etc Complete and wood work being tarred	35.13.42	189.35	✓
2 $\frac{1}{8}$	Squares of Madras Terrace Roofing with 3 Coats of flat tiles and plastering	14.10	28.7.8	✓
10	Cft. of Teak wood	2.6.6	24.1.4	
37 $\frac{3}{4}$	D. of Teak wood wrought and put up	2.6.6	99.13.4	✓

— Carried Over — 606.5.3

	Brought forward—	606 53
7 $\frac{1}{4}$	lft. of Teak wood for reapers—	2 07 19 49
16 $\frac{59}{100}$	Squares of Plastering with Hydraulic Mortar—	3 14 6 64 12 10
3 $\frac{66}{100}$	Squares of Flooring with Brick on edge and plastering with Hydraulic Mortar—	10 10 10 38 14 2
1 $\frac{1}{8}$	Squares of Asphaltic flooring—	15 12 10 21 25
4	Railings in front of Prison places Do— at top—	77 15 3 311 13 3
85	Rq. ft. of cornice work—	3 6 18 96
1	Teak batten Door— (4 x 6 $\frac{1}{2}$)—	36 2 9 36 29
3	Teak batten Windows (2 $\frac{1}{2}$ x 3)—	12 4 0 36 12 0
2	Ventilators (1 $\frac{1}{2}$ x 2)—	3 6 6 6 13 0
	Excavating foundations and filling in—	14 5 0
	Scaffolding, Superintendence and Sundries—	65 17
		<u>Total 1230</u>

District Engineer's
Office
Nellore
1st March 1875

G. N. S. N.
District Engineer

Enclosure in a letter no
dated 1st March 1875 from
the District Engineer to
the Secretary Government
C. P. P. Fort St. George
Madras

1820/1747

1256/75
4

G. O. No. 825923-3-75

Received by the District
Constructing Officer Madras
at Fort St. George
in G. O. No. 1781 dated 3rd July 1875

Comparative Statement for constructing a Police Station, Houses etc. & other sanctioned by Government in G. O. No. 1781 dated 10th July 1873.

Description of Work.	Estimate		As per Book		Increase		Remarks
	Quantity	Rate	Quantity	Rate	Quantity	Amount	

Concrete Cft. 260 . 16 246 . 257 . 16 2416 . 3 . 46

Brick in Chumam Cft. 1698 . 23 238126 171818 . 23 2419320 2 129 . . .

Laterite in Chumam Cft. 21 . 29 . 65 23 . 52 . 121 . 58 . . .

Arch work with Brick in Chumam 29 1/2 . 26 499 29 1/2 . 42 7 1/2 . 3 13 . . . The excess owing to the work having been done twice, the first arches were badly constructed.

Roofing with Eglom Salmyra Cables, ropes, Nails, flat and painted, Chumam boxes & v-c, Complete and wood work being tarred squares 5 288 . 1428 . 528 100 35 1342 189 35 28 115 . . . Rs. 38-11-9 of this excess is the result of bad management on the part of the Officer

Plastering
Roofing with 3
Coats of flat
tiles and
plastering squares

2 13 26 24 14 10 28 18 4

2 18

Sack Wood Cft 9⁵ 210 254 9 10 2 66 241 4⁵

1 39

Country wood
brought and
put up

30 2 60 37 2 66 90 134 7³

30 134

Sack was used instead of
the inferior Country wood
procureable at the time

Country wood
for the reapers

3 28 78 7 2 107 19 49 4⁴

11 129

Sack reapers were substituted
for the Country wood ones
estimated for. The estimate
did not provide for
wastage by sawing etc.

Plastering squares 13 2 12 35 12 16²⁹₁₀₀ 3 146 64 12 103²⁹₁₀₀

29 10

Superior plastering with
Hydraulic Mortar was
executed

Flooring with
Brick pavers and
pointed with
Chunam

3 10 2 4 12 9 3 66⁶⁶₁₀₀ 10 10 10 38 14 2

14 15

Plastering with Hydraulic
Mortar was substituted for
common pointing agreeably
to my orders.

Asphaltic
flooring spec. } 1 1/8 298. 333. 1 1/8 18 1210 21 25 " " " 12. 7

Railings in
front of Prison
place } 2 548. 109. 0
Do at top } 2 678. 135. 0
4 77 153 311 133 " 67 133 " " "

This excess is principally owing to the enhanced price of iron, and to the gratings having been made somewhat more substantial than estimated for,

Cornice Work
Reg. Put. } 85. 4. 214. 85. 36 1896 " " " 2106

Scap battens
Door (4' x 6 1/2') } 1 23. 23. 1 3629 3629 1829 " " "

Excess principally owing to the difficulty experienced in getting skilled labour in those parts. I must however add that I consider the door, including carriage, should not have cost more than Rs 28-0-0.

Scap battens
Windows (2 1/2 x 3') } 3 8. 24. 3 124. 3612. 1212. " " "

Excess owing to the difficulty experienced in getting suitable labour but I am of opinion that they should not have cost more than Rs 10 each.

Ventilators
 (1 1/2 x 2) } 2 4 8 2 3 6 6 13 13 .

Excavating
 foundations and
 filling in } " " 5 45 11 .

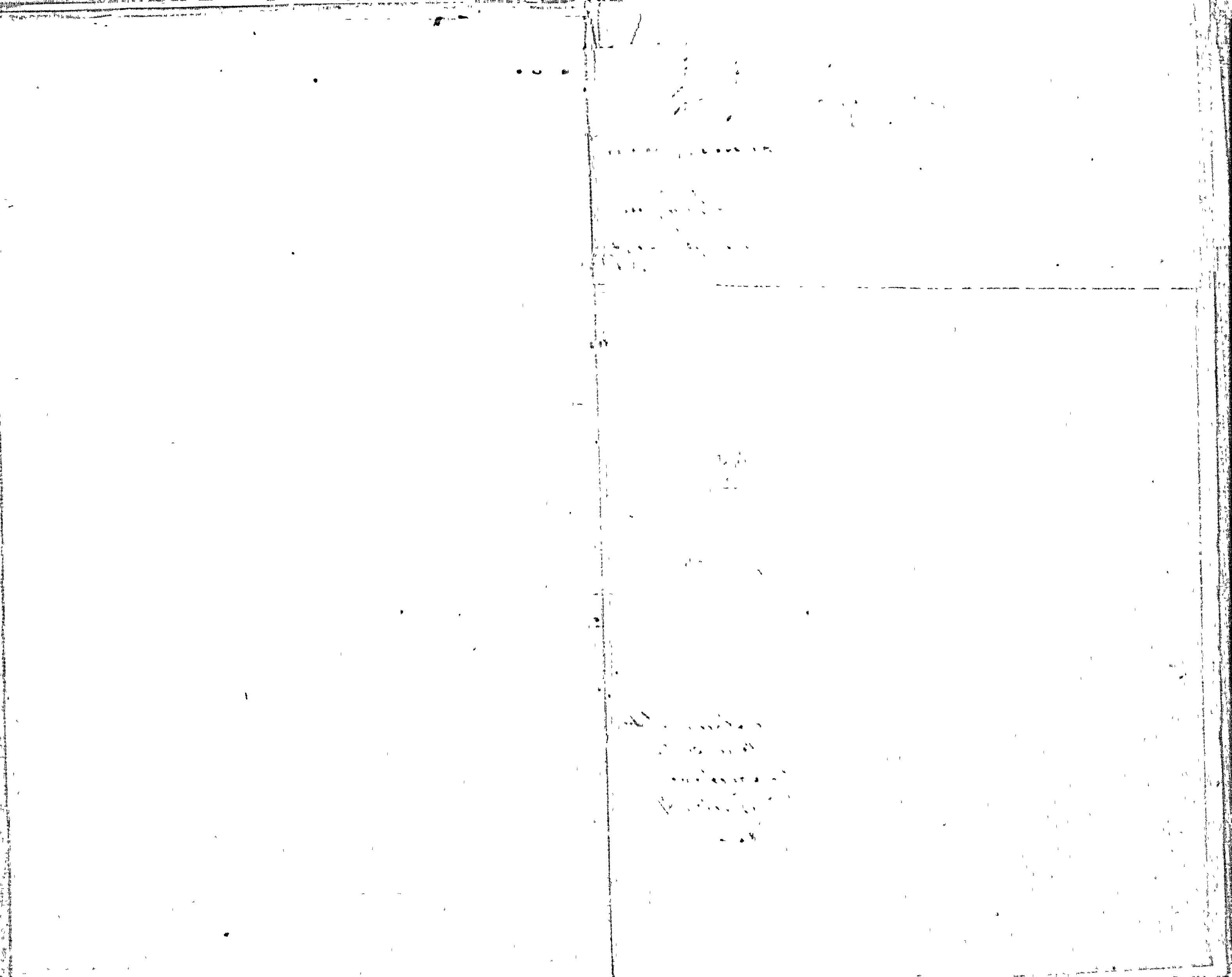
Scaffolding
 Superintendence
 & Messes } " " 41810 6511 . 2383

Considering the locality this
 charge is not excessive. A
 larger sum should have
 been allowed for Petty
 Superintendence in the
 Estimate

Total " " 990 1230 25814 " 1814
 Increase 240

District Engineer's
 Office
 1st March 1878. }

[Signature]
 District Engineer



Enclosure in a letter to 115 dated
1st March 1875 from the District
Engineer of Madras to the
Secretary to Government D.D.
Fort Saint George, Madras

Mr 1456/75

G.O. 825923-3-75

Comparative statement of
constructing a Police station
House at Pettah sanctioned by
Government in G.O. 1781
dated 10th July 1875 -

Comparative Statement for Constructing a Police Station House at Senguturam
Sanctioned by Government in G.O. No 1781 dated 10th July 1873.

Description of work.	Estimate		As per work executed			Increase		Decrease		Remarks.
	Quantity	Rate	Quantity	Rate	Amount	Quantity	Amount	Quantity	Amount	
Concrete - Cft 260	16	246	257	257	39 132	15	723			Excess principally owing to the difficulty experienced in getting suitable jelly for the Concrete - it had to be carted 7 miles.
Brick in Chumam do	1698	26	2655	17 18 1/2	29 1/2	299 121	20 1/2	3471		The actual rate of working is not excessive as great difficulty was experienced in getting suitable bricks.
Laterite in Chumam do	2 1/2	29	65	2 1/2	52	121		57		
Arch work do	29 1/2	29	51	29 1/2	45	823	3	12		The arch work first constructed was inferior, it was removed & rebuilt.
Roofing with Ceylon Palmyrah Couples, reapers Hails, flat and pan tiles, Chumam bosses & ear Complete work being tinned squares.	5	288	1428	5 28/100	41	21678	28/100	73158		Rs 58-1-3 of this excess is owing in my opinion to want of method and management on the part of the Overseer.

Masonry terrace
roofing with 3
courses of flat
tiles and 3 coats
of plastering & gres.

2 13 " 26 " 2 1/8 17 36 40 135

14 13 5

This work should not
have cost more than Rs 15
per square, the difference
Rs 8-15-5 should be
considered recovered
from the parties concerned.

Teak wood C feet 9 1/5 2 120 25 49 9 3/4 2 62 22 12 1/2

2 7 10

Country wood Teak
for joints wrought
and put up

30 1 8 45 37 3/4 2 9 3/4 97 69

7 3/4 52 69

As suitable Country
wood was not procurable
at the time Teak was
substituted for it.

Country wood
Teak for repairs
at 1 1/2 Cft for gres

3 2 6 7 3/4 2 16 16 3/4

4 3/4 10 37

Plastering gres 13 2 8 32 8 16 59/100 3 13 5 63 109

3 59/100 31 29

Superior plastering
with hydraulic mortar
was executed

Flooring with
Brick on edges
and pointed
except prison
places

3-10 8 0 24 12 9 3 ⁶⁶/₁₀₀ 13 46 48 99 ⁵⁶/₁₀₀

23 13

This rate is excessive
plastering with hydraulics
mortar was substituted
for the ordinary pointing
allowed for in the Estimate
I consider Rs 8-5-7 of the
excess should be recovered
from the parties concerned.

Asphaltic flooring
Squares

1 ¹/₈ 31 0 34 14 0 1 ¹/₈ 22 14 0 25 11 6

9 2 6

Painting with
Sap wood frames
and ³/₄ round bar
iron ⁷/₈ x ⁶/₄ in
front

2 55 8 0 111 0

4 80 7 6 32 14 2

73 14 2

Increase principally owing
to the enhanced price of
iron & to more substantial
gratings having been
constructed than was
originally contemplated.

Do. Do. Do.
for top ⁷/₈ x 8

2 68 8 0 137 0

Cornice work
Re feet

85 0 4 0 21 4 0 85 0 33 17 4 3

3 15 9

Sap wood battens
Door with frames
hinges, bolts & ca.
Complete 4 x 6 ¹/₂

1 23 0 23 0 1 36 11 7 36 11 7

13 11 7

Excess principally owing to the
difficulty experienced in getting
skilled labour in those parts
I must however add that I
consider the door including
carriage should not have cost
more than Rs 28-0-0.

Scaffolding with
 iron bars & complete
 2 1/2 x 3

3	8	24	3	11	7 1/2	34	55
---	---	----	---	----	-------	----	----

10 55

Excess owing to the difficulty
 experienced in getting suitable
 labour but I am of opinion that
 they should not have cost
 more than Rs 10 each.

Iron grates
 Ventilators
 1 1/2 x 1/2

2	4	8	2	3	7 1/2	6	148
---	---	---	---	---	-------	---	-----

114

Excavating
 foundations
 and filling in

5	26
---	----

210

Scaffolding
 Superintendence
 and services

48	10	60	41
----	----	----	----

11 101

Considering the locality
 this charge is not excessive
 A larger sum should have
 been allowed for Petty
 Superintendence in the Estimate.

Total 1010 1360

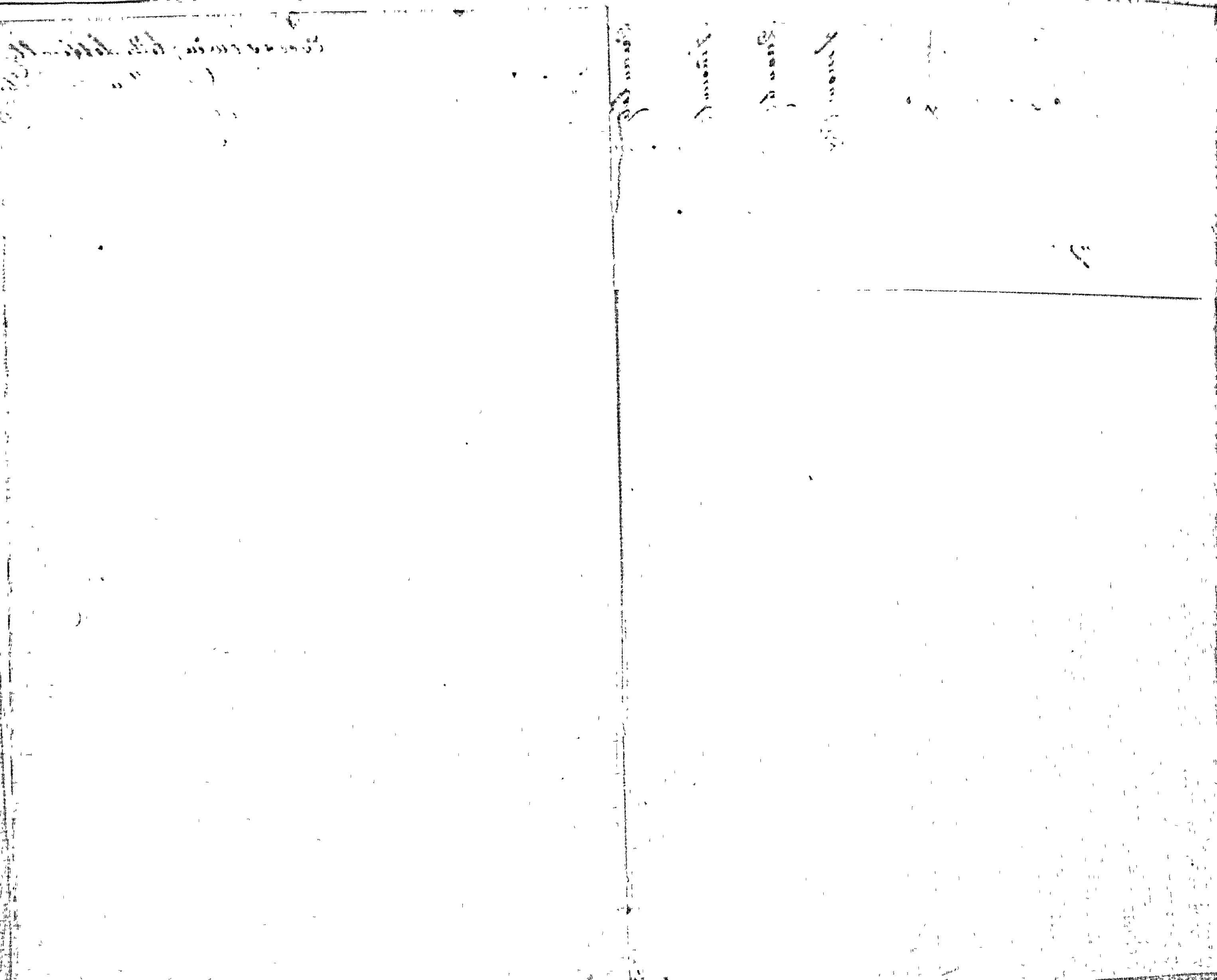
369 55 19 55

Net Increase

350

District Engineer
 Bellon Office

Smith
 District Engineer



Enclosure in a letter No 115 dated
1st March 1875 from the District
Engineer of Madras to the Secretary
to Government. D. P. W. Fort St. George
Madras.

M. 1456/75.

G. O. 8257 23-3-75

Comparative statement
of constructing a Police Station
House at Timgalur sanctioned
by Government in G. O. 1781
dated 10th July 1873

No 115 District Engineer's Office
Bellary 1st March 1875.
7
To
Mr. P. Smith Esquire,
District Engineer of Bellary
Colonel G. W. Walker R.E.
Secretary to Government
Public Works Department
Fort St. George

Enclosures

1 For Teloo

Station, Rs. 1230

1 For Timgalur

Station, Rs. 1360

2 Comparative

Statements.

4. Total.

I have the honor to submit
revised, estimated, and Comparative
Statements, for the Police Station
houses at Teloo and Timgalur.
These buildings were sanctioned
in G. O. No. 1781, dated 10th July 1873.
These Station houses were
originally estimated to cost
Rs. 990 and Rs. 1010 respectively.
Some of the rates then allowed
were rather low, under the
circumstances, and for the oversight

overight & supervision possible.
2. The original estimates have
been considerably exceeded,
and I am sorry to have to add,
that a portion of the excess, is
due to imperfect supervision.
Mr. Overseeer Sims was in
immediate charge of the buildings
and should have managed
much better, than he did, under
the direction of a Range Officer,
like Mr. Ottmann. The latter
is however to blame for not
insisting on a fair amount of
work being secured for the
sewers charged. It is true that
building operations have to be
carried on in the sub-division,
under difficulties but the
obstacles are not so great as to
warrant the high rates that
have

have been paid for some of
the items. The Range Officer
admits this, and is prepared
to refund a proportionate share
of what he considers to be excessive.
The balance, he suggests, should
be made good by the Overseer.
If the Government approve of
this arrangement the amount
to be recovered, would be as
follows—
Re-
(In account of the Station 53-10-6
Balance of August 1887—38-7-3
3 In forwarding these estimates
a much shorter Range Officer
should have submitted them
long before he did so, in
justice to him, I beg to add
that he has, for some time
past, been in a delicate
state of health.

As the current official
year is fast drawing to a close,
the early sanction of the
accompanying Estimates is
solicited.

I have the honor to be,
Sir,

Your most Obedient Servant.

[Signature]
District Engineer

P. M. D.
Proceedings of the Madras Government.
Read the following 8 ✓

From the District Engineer } (H. E. P. M. D. 15th March 1855)

825

[Initials]
The revised Estimates
are sanctioned and the re-
trenchments proposed by the
District Engineer will be made
but the Government cannot
but censure the negligence
of the Revenue Mr. Jinn and
the Range Officer Mr. Ottom
which have resulted in excessive
outlay.

The net increase on the str.
bon house at Tangutur is Rs 350
for that at Tellicherry 250
and deducting the 2000
ment of Rs 1200 from the
two Officers' accounts the balance is Rs 400

It is observed that out of the revised estimate amounting to Rs 1360 for the Station house at Tangur, Rs 656 were spent up to end of 1873 and that Rs 80 will be the amount of re-
 trenchment on account of this work, leaving Rs 616 to be provided in the current year. This amount is made available by transfer from the sum of Rs 2120 surrendered by the Superintending Engineer Tanjore, from the grant made for the Police barracks on the Karikal frontier in G.O. 53 of 5th August 1874.

Out of the revised estimate of Rs 1235 for the Station house at Tettoo, Rs 232 were spent up to end of 1873, and Rs 52 the amount to be retrenched, leaving a balance of Rs 244, but as this amount is below Rs 500, no specific allocation of funds is necessary under G.O. 3112 of 2nd and 12th 3162 of 7th November 1874.

G.O. No 3112 of 7th Nov 74
 " " 3162 - 7 " "

Adm

Wm

To The N.E. Bellamy
 " Controller of P.W.D.
 " Judicial Dept.

Staff. 331⁶⁵ made/ys.

11/50 ✓
Sd. of 1870 Madras
PUBLIC WORKS.

Brit Enquirer
Madras

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Vol. 580. 581.

Station houses at
Tanguturu - Madras

is revised estimate

the - construction

the remarks, a letter

from the same Research

Magazine

1870-581