

- (1) Number of pages _____
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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works

DEPARTMENT

G.O. No.	712	Press
B.P. No.		Mis.
421-422		
Dated	16-3-1874	-195-

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
16th March 1874.*

No. 421. Read the following letter from R. SMITH, Esq., District Engineer, Nellore, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Nellore, 16th February 1874, No. 148:—

I HAVE the honour to submit a comparative statement and a revised estimate, the latter amounting to Rupees 1,200, for the Police Station-house* now in progress at Covurpilly in this district.

* Sanctioned in G. O., No. 1,781, dated 10th July 1873.

2. The excess of Rupees 210 is owing to the improved roofing, now under construction, to the substantial manner in which the railings forming the cells have been made, and to the increased rate charged for the iron-work by the General Superintendent of the Madras Public Works Workshops. This latter item, according to the bill received from that officer, amounts to Rupees 58-9-5.

3. The original estimate provided for palmyrah couples and reepers, but in consequence of really good timber of that description not being obtainable at the time, I authorized the Range Officer to substitute teak for palmyrah wood,* a proceeding which, I trust, will be approved of, as the roof will be more durable and probably as cheap, if not cheaper, in the end than the one originally proposed.

No. 422. ORDER THEREON, 16th March 1874, No. 712.

CIVIL WORKS, No. 40.

THE revised estimate of Rupees 1,200 for building a Police Station-house at Covurpilly in the Nellore District is sanctioned; the excess over the original estimate being chiefly due to the use of much better materials in the roof than those at first intended. The District Engineer will however be expected in future to make sure what materials are to be used before he sends up plans and estimates for sanction, and will not allow the use of other materials than those sanctioned if likely to cause great excess, without a previous reference to Government. He might easily have ascertained from the Public Works Workshops the exact cost of the iron frame work which now forms an item of the increased charge.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Nellore.
.. Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

and Chain and Borders Complete

Kellow District

Work. Constructing a Police Station House at
Koorpalli in Kaval Taluq.

Particulars of Work	Number	Measurements			Cubical Contents	
		Length	Breadth	Depth		
<u>Foundations</u>						
Main Walls		76-0	2-0	3-0	456-0	
Partition Walls		9-0	1-6	3-0	48-6	
Retaining Walls		36-6	1-6	3-0	164-3	
		Total cft			660-9	
<u>Basement</u>						
Main Walls		76-0	1-9	1-0	133-6	
Steps		4-0	1-0	0-6	2-0	
		Total cft			135-6	
<u>Superstructure</u>						
Main Walls		76-0	1-6	8-0	912-0	
Partition Walls		9-0	1-0	8-0	72-0	
Pillars	3	1-3	1-3	5-6	25 ³⁵ / ₃₂	
		Total cft			1009 ³⁵ / ₃₂	
<u>Deductions</u>						
Doors		4-0	1-6	6-6	39-6	
Windows	3	2-6	1-6	3-0	33-9	
Ventilators	2	1-6	1-6	10-6	2-3	
		Total deductions cft			75-0	
		Total cft			934 ²⁶ / ₃₂	
<u>Arch Work</u>						
Gate arch over door		5-6	1-6	1-8	9 ⁹ / ₃₂	
Do Windows	3	4	1-2	3-4	13 ¹ / ₂	
Do Ventilators	2	3	1-2	3-4	6 ³ / ₄	
		Total cft of archwork			29 ¹⁷ / ₃₂	
Running feet of cornice work						85
Roofing with flat and pantiles and Chuan borders complete						23-4 (21 ¹ / ₂) 49 ¹ / ₂

Roofing with 3 coats of flat tiles and plastering with 3 coats of chunam complete
Teakwood work

Rafters for couple	10	10-0	0-5	0-3	10-5-0	216
Collar pieces	5	9-9	0-4	0-2 1/2	3-6-7	2 1/2
Or	5	5-0	0-4	0-2 1/2	1-8-7	
Hip rafters	4	16-6	0-7	0-4 1/2	14-5-3	
Rafters	2	10-0	0-5	0-3	2-1-0	
Or	8	8-6	0-5	0-3	7-1-0	
Or	8	7-0	0-5	0-3	5-10-0	
Or	8	5-6	0-5	0-3	4-7-0	
Or	8	4-0	0-5	0-3	3-4-0	
Or	8	2-6	0-5	0-3	2-1-0	
Teakwood Brissummers	23	0-0	0-6 1/2	0-2 1/2	8-2-6	
Canoe boards	23	0-0	0-6	0-1	0-11-6	
Joists	16	10-0	0-3	0-5	16-8-0	
Brackets	7	2-0	0-6	0-1	3-1-0	
Brissummer over the brackets	23	0-0	0-6	0-6	2-6-8	
Total cft					86-9-0	

Teak reapers Rft 1750

Country wood
 Wall plates 84-0 0-6 0-3 10 1/2
 Total cft 10 1/2

Plastering squares 13
 Flooring the building with 20 1/2 6 1/2 133 1/4
 latents 3/4 thick and pointed 15 12 180
 Or for prison wards 2 7-0 9-0 112
 Total 445 1/4
 cft 44 1/2

Railings with Teakwood frames and 3/4 round iron bars in front 2 7 1/3 x 6 1/4
 Prison places 2 7 1/3 x 8

Teak wood battens doors with frames, hinges, bolts & complete 1
 4' x 6 1/2

Or Windows with iron bars shutters & complete 2 1/2 x 3' 3

Ventilators with iron bars & complete 1 1/2 x 1/2 2

Cartage of the above from Madras to Kovvempalli

Excavating foundations and filling in
 scaffolding, superintendence and sundries

Chd
 S. K. S. Office
 16th February 1876
 District Engineer
 J. K. S. Office
 J. K. S. Office

Work Constructing a Police Station House at
Koorpalli in Nawali Taluq.

Quantities	Description of Work	Rate	Amount	Total
660 $\frac{3}{4}$	Cft of Laterite in chunam	1 $\frac{1}{2}$	77 6 10	
135	Do	2 0	16 14 0	
934 $\frac{3}{4}$	Do	2 2	126 9 4	
29 $\frac{1}{2}$	Srch Work	2 9	5 1 2	
85	Plt Cornice work	4 0	21 6 0	
5	Plt Roofing with flat and Pan tiles and Chunam borders	10	50	
	Complete			
2 $\frac{1}{6}$	Sq of Madras Terrace roofing with 3 courses of flat tiles and 3 coats of Plastering	13 0 0	28 2 8	
86 $\frac{3}{4}$	Plt of Teak wood	3 2 0	271 1 6	
1750	Plt reapers	per 1000 yds 20	35	
10 $\frac{1}{2}$	Cft Country wood	1 8 0	15 12 0	
13	Sq Plastering	2 12 0	35 12 0	
4 $\frac{1}{4}$	Plt flooring	12 4 0	39 5 0	
2	Railings with Teak wood frames and $\frac{3}{4}$ round bar iron $7\frac{1}{3} \times 6\frac{1}{2}$ in front	80 12 10	161 9 8	
2	Do $7\frac{1}{3} \times 8$ top	82 3 10	164 7 8	
1	Teak wood Suttin doors with frames, hinges, bolts or Complete $4 \times 6\frac{1}{2}$	26 0 0	26 0 0	
3	Teak wood Windows with frames, shutters iron bars or Complete $2\frac{1}{2} \times 3$	10 0 0	30 0 0	
2	Iron Grated Ventilators $1\frac{1}{2} \times \frac{1}{2}$	2 0 0	4 0 0	

Carried over

1120 5 10
1108 5 19

Packing the above Railings 11 10 81
 Cartage of do from Marao 18
 to Kovurpalli
 Excavating foundations 5
 filling in
 Scaffolding, Superintendence 56
 and Sundries 48-4-6

Total Estimate Rs 1200

C. R. N.
 Central Range Office
 Camp. Vidiaji
 20th January 1874
 Sub. Engineer in charge
 Central Range

District Engineer
 16th February 1874

District Engineer
 of Nellore

No 216
 Nellore District

No. 716th March 1874.
 In B. A. 421.
 P. N. 1029/74
 2

Revised
 No 159 1873-74

Detailed & Abstract
 Estimates for the
 construction of
 Police Station house
 at Kovurpalli.

Amounting to Rs 1200

... brought forward ...

Attorney General

pg. 2716 18th March 1874.
 1873. 4. 21.

P. M. 1029/74

Comparative statements

for the construction
 of Public Stations
 here at Newcastle

Accounting notes 1870-71

8820. 8820000 2 190.200 2
 8810. 8820000 2 190.200 2

... side of ...

Comparative statement showing the difference between the Original and Revised Estimates for constructing Police Station houses at Hounsupalli sanctioned in G.O. No 1781 of 10 July 1870

As per Original Estimate & As per Revised Estimate Increase Decrease							
Particulars	Quantity	Rate	Amount	Quantity	Rate	Amount	Remarks
Concrete	per cft	260	1624	6			Soil rocky cannot be necessary -
Brick in Chumam	Do	1698	24247	10			
Lathwork in do	Do	23	29	65			
Chickwork	Do	29 1/2	4122	29 1/2	511		
Roofing with Calan Palmiraal Composites, Ropes, Nails, Glad and panels, Chumam	5	288	1428				
Borders &c complete, wood work being carried up							
Madras Terrace roofing, with 8 Courses of Rattles and 3 coats of Plastering	2	13	26	2 1/6	13	2828	
Teakwood	9 1/2	212	2549	86 3/4	32	27116	776 245129
Country wood for rafters at 1 1/2 cft per cft	3	2	6	1750			29
Plastering	13	212	3512	13	212	3512	
Flooring with brick on arys and powder	210	8	24129				24129
except person places	1 1/8	288	321				321
Flooring with Asphalt							
Railings teakwood frames & 1/4 iron bar iron 7 1/2 x 6 1/2 in front	2	538	107	2	801210	16198	5498
Do do for 2nd	2	668	133	2	82310	16478	3178
Cornice work	85	4	214	85	4	214	
Teakwood Backen doors and frames							
Swing bolts &c complete 4 x 6 x 6 1/2	1	23	23	1	26	26	3
Teakwood Windows and frames							
Shutters iron bars &c complete 2 1/2 x 3 1/2	3	8	24	3	10	30	6
Iron grates Ventilators 1 1/2 x 6 1/2	2	4	8	2	4	8	4
Carpeting foundations and filling in							
Scaffolding Superintendence Windows							
Lathwork in Chumam							
Do do							
Do do							
Roofing with Glad and Panels and Chumam lower Composites							
Packing the above Railings &c							
Cartage of Do from Madras to in Hounsupalli							
Flooring with 6 1/2 Galatide roofing on 3 1/2 Concrete							
Country wood for joists &c wrought and put up	18	45		4 1/4	94	395	4 1/4 395
				10 1/2	18	1512	22 3/4 294
Total Rs.		990				71502	50502
						50502	21000
							Net increase

2d Engr: Office Mellow

16th February 1874

Page

Committee

District Engineer

of Mellow

11/18

No 148

District Engineer's Office,
Vellore, 16th February 1878

From. R. Smith Esquire.

District Engineer of
Vellore.

To. Colonel G. W. Walker R.E.
Secretary to Government.
P.W. Department,
Fort Saint George.

Sir.

I have the honor to submit a
comparative statement and a revised
Estimate; the latter amounting to
* sanctioned in Rs. 1200, for the Police Station house.
G.O. No. 1781
dated 10th July 1878 now in progress at Kovoorpully in
this District.

2. The excess of Rs. 210 is owing to
the improved roofing now under
construction, to the substantial manner

Enclosures 2.

* sanctioned in Rs. 1200, for the Police Station house.
G.O. No. 1781
dated 10th July 1878 now in progress at Kovoorpully in
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3. The original estimate provided for Palmyrah, poles and reapers, but in consequence of really good timber, of that description, not being obtainable at the time, I authorized the Range Officer to substitute Teak for palmyrah wood, a proceeding which, I trust, will be approved of, as the roof will be more durable and probably as cheap, if not cheaper, in the end than

the one originally proposed.

I have the honor to be,

Sir,

Your most obedient servant,

G. M. T.
District Engineer

D. H.

P. W. D.

P. W. D.

Proceedings of the Madras Government,

Under date the *January* 1874.

Read the following:—

From the District Engineer
Nellore.

Received No 148 of 16th Feb 1874

The revised Estimate of Rs 1200 for building a Police Station house at Coverpilly in the Nellore District is sanctioned; the excess over the original Estimate being chiefly due to the use of much better materials in the roof than those

Md 28/2

P. W. 1874 *Revised*

From 11th No 1029.

The District Engineer

at Nellore

To the Secretary to Govt.

28/2/74

Madras.

Called 16th Feb 1874

No 148 of 16th Feb 1874

Substituting a Composite

Estimate and as

the Office has

now under construction

of Station partly in the

No. 712. 16-3-74.

No. 421.

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District Engineer will
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for sanction; and will
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cause great excess, without
a previous reference to
Government. He might
easily have ascertain-
ed from the Public
Works Workshops the
exact cost of the Iron
frame work which now
forms an item of
the

the increased charge.
C.M.W.

26
13

To The District Engineer
Controller of the
Dept. with L.C. 18/3/4

1029

Govt. of 1874 Madras.
PUBLIC WORKS.

To

The Dist. Engineer
Mellore.

Dated

Recd.

Encl.

7/2

G. O., 16 March 874, No. 7/2.

Nos. 421 & 422

Police Station House at
Kovurpally. Mellore Dist.

Period Estimate of
Rs. 1200 for a Police
Station House at Kovur-
pally in the Mellore Dist.
sanctioned with re-
marks -