

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1296	Press
380-381	Mis.
Dated 14-5	1872

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th May. 1872.*

No. 380. Read the following letter from the Superintending Engineer, 8th Division, to the Secretary to Government, Public Works Department, dated Madura, 8th May 1872, No. 532:—

I HAVE the honour to submit, for the sanction of Government, a comparative statement and a revised estimate, amounting to Rupees 940, for repairing the Police barracks at Madura.

- 1 Estimate of Rupees 940.
- 1 Specification Report.
- 1 Comparative Statement.

2. The original estimate of Rupees 620 for the above-mentioned work was sanctioned in G. O., No. 1,273, dated 9th May 1871; on unroofing the building numerous rafters, reepers, and purlins were found to have been destroyed by white-ants, these defects not being perceivable when the original estimate was framed, hence it has been found necessary to revise it, whereby the amount exceeds that of the original sanction by Rupees 320.

3. To estimate accurately for the repair of an old kutch building like that of the Police Barracks under reference is not feasible, for it is only when the roof is removed that the actual defects of the building are visible. The excess in the present instance is chiefly attributable to a considerable increase in the quantity of wood-work to be provided in lieu of the decayed reepers, rafters, and purlins as already mentioned, and also to a slight increase of rate in substituting vengay wood instead of jungle-wood, which latter cannot be procured in this place of the required scantlings given in the original estimate.

4. The work being considered very urgent, I have, as usual, forwarded to the Superintendent of Police the comparative statement and the revised estimate of Rupees 940 above-mentioned for submission to Government for sanction, and provision of the extra sum of Rupees 320 now required for the work as per revised estimate.

5. Captain Guthrie has, however, returned the above two documents to me, stating that he has entered the said sum of Rupees 320 in his scheme for the current official year under the head "construction," and he suggests that I should obtain the sanction of Government for the transfer of that amount from "construction" to "repairs."

6. Under these circumstances I request that Government will be pleased to sanction the estimate, and to authorize the transfer of funds as suggested by Captain Guthrie.

No. 381.

ORDER THEREON, 14th May 1872, No. 1,296.

CIVIL WORKS, No. 17.

THE revised estimate of Rupees 940 for repairs to the Police Barracks at Madura is sanctioned. The Inspector-

General of Police will provide for the excess in the statements to be submitted by him, showing the manner in which he proposes to appropriate the Police grants included in the Budget.

(True Extract.)

Colonel, R.E.,

Officiating Secretary to Government.

To the Superintending Engineer, 8th Division, with Specification.
,, Controller of Public Works Accounts.
,, Judicial Department.
,, Inspector-General of Police.

Exd. E. C. Shunker.

V^o 532 Superinty Engineer's Office S.D.
Madurai 8 May 1872

From

Lieut. Colonel A. A. Roberts R.E.

Superinty Engineer S.D.

To

Colonel G. W. Walker R.E.

Secretary to Government S.D.

Sir

Enclosures-3

- 1 Estimate of Rupees-940
- 1 Specification Report.
- 1 Comparative Statement.

I have the honor to submit for the sanction of Government a comparative statement and a revised estimate amounting to Rupees 940 for repairing the Pphi Barracks at Madurai.

2 The original estimate of Rupees 620 for the above mentioned work was sanctioned in G.O.

No 1273 dated 9 May 1871. on un-
roofing the building numerous
rafters, reefers and purlins were
found to have been destroyed by
white ants, these defects not being
perceivable when the original
estimate was framed, hence it has
been found necessary to revise it,
whereby the amount exceeds that
of the original sanction by
Rupees 320.

3. To estimate accurately
for the repair of an old catcha
building like that of the Police
Barracks under reference is not
feasible, for it is only when the
roof is removed that the actual
defects of the building are visible.

the excess in the present instance
is chiefly attributable to a considerable
increase in the quantity of wood
work to be provided in lieu of the
decayed reefers, rafters, and purlins
as already mentioned, and also
to a slight increase of rate in
substituting Vengay wood instead
of jungle wood, which latter cannot
be procured in this place of the
required scantlings given in the
original estimate.

4. The work being considered
very urgent, I have, as usual,
forwarded to the Superintendent of
Police, the comparative statement
and the revised estimate of
Rupees 940, abovementioned, for

5 Bapam Luthrie has, however, returned the above 2 documents to me stating that he has entered the said sum of Rupees 320 in his scheme for the current official year under the head "construction," and he suggests that I should obtain the sanction of Government for the transfer of that amount from "construction" to "Repairs".

b. Under these circumstances
I request that Government will be
pleased to sanction the estimate,
and to authorize the transfer.

of funds as suggested by Captain
Guthrie.

I have the honor to be,

du

Wm. Westcott

Henry West. Dec. 1840.
Mumfordsburg, England & Dr.

2) Purkins 4" Diameter	18'	1/4	1/4	1-1/2
------------------------	-----	-----	-----	-------

Pro 9 May/71 R 150-151.

P. W. 1871 Repair.
(1) ~~Pro 9 May/71~~ 532
From ~~the Sup. Engineer~~ 2359.
8. Division

The Secretary & Genl
S. S. W.

Dated 8.
Recd. 11 } May/72
Eu. 3.

Forwarded for sanction
a Comparative Statement
& a Revised Estimate of
R 940 for repairing the
Police Barracks at Madura
and to authorize the trans-
fer of funds as suggested
by Captain Juthic the Police

380

6/15/72

Supp. R 1296-14 Aug/72

Revised

Detailed Estimate for 1871-72

District. Madura Salug. Madura

Work: Repairing Police Barracks at Madura

Particulars of work	Measurements in feet & inches			Contents		
	Length	Breadth	Height	Feet	Inches	Parts
Room No. 1 from east						
3 Vengaywood { 2 Rafter 10' long	20	3 1/2	2	"	11	8
1 Do. { 1 Do.	8	3 1/2	2	"	4	8
		Total 3 Rafter 1			4	4
4 Junglwood Purlins 4" diameter each	8	1/4	1/4	1/2		
	9	1/4	1/4	7/8		
	5 1/2	1/4	1/4	11/32		
	3	1/4	1/4	3/16		
		Total 4 Purlins		1 1/32		
5 Do. Uprights Do.	4 1/2	1/4	1/4	2 1/2		
	9	1/4	1/4	2 1/16		
	8	1/4	1/4	1/2		
	7	1/4	1/4	7/16		
	4 1/2	1/4	1/4	2 1/32		
		Total 5 Uprights		2 1/16		
1 Vengaywood P. Beam	19	9	7 1/2	6	1	1 1/2
		Total 1 Beam		6	1	1 1/2
1 Do. Lintel	4 1/2	1 1/2	1/4	1 1/16		
		Total 1 Lintel		1 1/16		
Room No. 2						
5 Vengaywood { 3 Rafter 6' long	18	3 1/2	2	"	10	6
	10	3 1/2	2	"	5	10
	9	3 1/2	2	"	5	3
		Total 5 Rafter		1	9	7
3 Junglwood { 2 Purlins 4" diameter	18	1/4	1/4	1 1/8		
	8	1/4	1/4	1/2		
				1 5/8		

5	Junglewood Uprights 4" diameter each	18	1/4	1/4	1 1/8		
		8	1/4	1/4	1/2		
		14	1/4	1/4	7/8		
	Total 5 Uprights				2 1/2		
2	Vengaywood Planks	3	3	1 1/2	"	1	1 1/2
		6	5	3	"	7	6
	Total 2 Planks				"	8	7 1/2
Room No. 3							
36	Vengaywood	15 Rafter 6' lang	80	3 1/2	2	3	10 8
		2 Do 9' Do	27	3 1/2	2	1	3
		2 Do 12' Do	24	3 1/2	2	1	2
		6 Do 16' Do	96	3 1/2	2	4	8
		10 Do 17' Do	170	4	2 1/4	10	7
	Total 36 Rafter					21	7 1/2
8	Junglewood 4" diameter	6 Purlin 8' lang	48	1/4	1/4	3	
		2 Do 9' Do	18	1/4	1/4	1 1/2	
	Total 8 Purlins					4 1/2	
4	Do Uprights	2 Uprights 2 1/2' lang	5 1/2	1/4	1/4	1 1/2	
		2 Do 9' lang	18	1/4	1/4	1 1/8	
	Total 4 Uprights of					1 5/8	
3	Vengaywood Planks	9	3	1 1/2	"	3	4 1/2
1	Do Lintel						4 1/2
	Total 3 Planks					3	4 1/2
	Total 5 Uprights of	5 1/2	1	1/4	1 3/8		
	Total 1 Lintel					1 3/8	
Room No. 4							
17	Do	5 Rafter 14' lang	14	4	2 1/4	1	6 1/2
		2 Do 16' Do	32	4	2 1/4	2	
		8 Do 16' Do	128	3 1/2	2	6	2
		2 Do 6' Do	12	3 1/2	2	"	7
	Total 17 Rafter					9	10

3	Junglewood Uprights 4" diameter each	8	1/4	1/4	1/2		
		6	1/4	1/4	3/8		
		5	1/4	1/4	5/16		
		Total 3 Uprights			1 3/16		
6	Vengaywood	1 Plank	10	4	2 1/4	"	7 6
		2 Do 3' lang	6	4 1/2	1 1/2	"	3 4 1/2
		3 Do 1 1/2' lang	4 1/2	4	3	"	4 6
		Total 6 Planks			1	3 4 1/2	
<u>Room No. 5</u>							
15	Vengaywood	4 Rafter 17' lang	119	4	2 1/2	8	3 2
		3 Do 9' Do	27	4	2 1/4	1	8 3
		4 Do 16' Do	64	3 1/2	2	3	1 4
		1 Do	6	4	2 1/4	"	4 6
		Total 15 Rafter			13	5 3	
8	Junglewood 4" diameter	7 Purlins 8' lang	56	1/4	1/4	3 1/2	
		1 Do 9' Do	9	1/4	1/4	9/16	
		Total 8 Purlins			4 1/16		
2	Do Uprights	8	1/4	1/4	1/2		
		6	1/4	1/4	3/8		
		Total 2 Uprights			7/8		
1	Vengaywood wall plate	10	4	2 1/4	"	7 6	
		Total 1 wall plate			"	7 6	
<u>Room No. 6</u>							
2	Junglewood purlins 4" diameter	10' lang	20	1/4	1/4	1 1/4	
			Total 2 Purlins			1 1/4	
			4 1/2	1/4	1/4	3/8	
2	Do Uprights		8	1/4	1/4	1/2	
			Total 2 Uprights			2 5/8	
			2	4	3	"	2 "
1	Vengaywood Plank		Total 1 Plank			"	2 "

Room No. 7

1 Junglwood Burtin 1/4 diameter	8	1/4	1/4	1/2		
Total 10 Burtin				1/2		
1 Do. Uprights	18	1/4	1/4	1-1/8		
Total 1 Uprights				1-1/8		
7 Vengaywood { 1 Rafter 13' long	52	3 1/2	2"	2	6	4
1 Do. 17' do.	17	3 1/2	2"	"	9	11
1 Do. 8' do.	8	3 1/2	2"	"	4	8
1 Do. 6' do.	6	3 1/2	2"	"	3	6
Total 7 Rafter				4	"	5
4 Vengaywood { 1 Beam	10 1/2	10 1/2	4 1/2	3	5	4-1/8
1 Do.	8	10 1/2	4 1/2	2	7	6
2 Do. 13' long	26	9	7 1/2	12	2	3
Total 4 Beams				18	3	1-1/8
1 Vengaywood Plank	4 1/2	4 1/2	3"	"	5	3/4
Total 1 Plank				"	5	3/4
45 Vengaywood Verandah Rafter	540	4 1/2	2"	30	"	"
Total 45 Vengaywood Rafter				30	"	"
Plastering walls of room No. 1	20	3	"	60		
Do. Floor	10	10	"	100		
Do. South room wall	30	4	"	120		
Do. Floor of room	32	14 1/2	"	319		
Plastering 2 Doorway room	4 1/2	3 1/2	"	15 1/4		
Do. Do. of Do. No. 2	16	22	"	352		
2 Doorway & 1 Window way	6	3 1/2	"	21		
Painting 1/2 Bricks with fine ground chunnam in room No. 2	38	22	"	836		

Revised

Abstract Estimate No. of 1871-72
District Madurai Taluque Madurai

Work Repairing Police Barracks at Madurai

Original cost		Valuation		Last repair	
Indian Rupee		300		year	Amount
				1865-66	720 11 6
				1866-67	
				1867-68	
Quantity	Description of works		Rate	Amount	Total
24	5 Vengaywood Beams	3	73	10	
51	82 Do. Rafter	3	156	4 4	
30	45 Do. Verandah Rafter	3	90		
2	13 Do. Planks	3	8	9 9	
	1 Do. Wall plate	3	1	14	
3 1/2	2 Do. Centels	3	9	3	
13 1/2	26 Junglwood Burtins	2	22	14 3	
10	20 Do. Uprights	2	25		396 14 2
203 1/2	of Plastering with 2 coats of chunnam	3	60	15 3	
1485	of Taking down the 1/2 Bricks of the floor & replacing with 1/2 portion of two 1/2 Bricks in chunnam	3	44	8 9	
1353	Painting floor with 1/2 Bricks with fine ground chunnam	6	5	1 2	
9152	Shifting flat & panicles repts chunnam border with 1/2 portion of the same materials	2	228	12 9	
600	Law repairs were made	"	4	150	
	Reps. Windows & fixture		13		
	Do. Doors & Do.		5		
				497	
				507	5 11

Sundries and Superintendence
Total of Papers 950

Police Officer's Office
Madurai 25th Sept 1871

(Signed) Perumal Naidoo
Acting S. Overseer

Perumal Naidoo
Superintending Engineer
8th Div. chary of Madurai Range

I do hereby certify that the above Revised Estimate for
 Rs. Police Barracks at Madurai amounting to Rs. 950
 provides for every thing necessary, and that no sup-
 plementary works will afterwards be required.

Signed, P. Peramaiah
 Acting Sd. Mag. Querser

For the Sd. Mag. Querser
 In Charge of Madurai Range

Plastering the 2 windows way in room No. 3	4	3	-	12
Pointing floor in Room No. 4	23 1/2	22	-	517
Plastering 2 windows and Doorway	8	4	-	32
Taking down the Sgs Bricks of the floor and placing with 1/4 portion of new Sgs Bricks	30	22	-	660
Do Do South Verandah	150	5 1/2	-	825
Plastering the Pillars & basement				200
Do East wall out	36	5	-	180
Do West wall Do	28	5	-	140
Do North wall Do	120	4	-	480
Total Sgs feet				4869 3/4
of which Plastering with 2 coats of chunnam Sgs				2031 1/4
Pointing floor with Sgs Bricks with fine ground chunnam Sgs				1353
Taking down the Sgs Bricks of the floor & replacing with 1/4 portion of new Sgs Bricks				1485
Shifting flat & pan tiles repairing chunnam borders with 1/8 portion of the new materials	208	44	-	9152
600 Saww reapers				

Revising
 P. Peramaiah at Madurai
 Estimate No. 950

Estimated to 1970 of 1871-72

For the Sd. Mag. Querser

Dist. Bricks, Madurai

Revised

Encls: 3.

In a letter from the
Superintending Engineer
No. 532 dated
8th May 1872,

To the Secretary to
Government W.P.W.

Estimate of Rs 940
P.W. 2359/72.

Recd 16th May 1872 L.L. 320.

No.		Amount		Total	
1	2	3	4	5	6
1	2	3	4	5	6
2	3	4	5	6	7
3	4	5	6	7	8
4	5	6	7	8	9
5	6	7	8	9	10
6	7	8	9	10	11
7	8	9	10	11	12
8	9	10	11	12	13
9	10	11	12	13	14
10	11	12	13	14	15
11	12	13	14	15	16
12	13	14	15	16	17
13	14	15	16	17	18
14	15	16	17	18	19
15	16	17	18	19	20
16	17	18	19	20	21
17	18	19	20	21	22
18	19	20	21	22	23
19	20	21	22	23	24
20	21	22	23	24	25
21	22	23	24	25	26
22	23	24	25	26	27
23	24	25	26	27	28
24	25	26	27	28	29
25	26	27	28	29	30
26	27	28	29	30	31
27	28	29	30	31	32
28	29	30	31	32	33
29	30	31	32	33	34
30	31	32	33	34	35
31	32	33	34	35	36
32	33	34	35	36	37
33	34	35	36	37	38
34	35	36	37	38	39
35	36	37	38	39	40
36	37	38	39	40	41
37	38	39	40	41	42
38	39	40	41	42	43
39	40	41	42	43	44
40	41	42	43	44	45
41	42	43	44	45	46
42	43	44	45	46	47
43	44	45	46	47	48
44	45	46	47	48	49
45	46	47	48	49	50
46	47	48	49	50	51
47	48	49	50	51	52
48	49	50	51	52	53
49	50	51	52	53	54
50	51	52	53	54	55
51	52	53	54	55	56
52	53	54	55	56	57
53	54	55	56	57	58
54	55	56	57	58	59
55	56	57	58	59	60
56	57	58	59	60	61
57	58	59	60	61	62
58	59	60	61	62	63
59	60	61	62	63	64
60	61	62	63	64	65
61	62	63	64	65	66
62	63	64	65	66	67
63	64	65	66	67	68
64	65	66	67	68	69
65	66	67	68	69	70
66	67	68	69	70	71
67	68	69	70	71	72
68	69	70	71	72	73
69	70	71	72	73	74
70	71	72	73	74	75
71	72	73	74	75	76
72	73	74	75	76	77
73	74	75	76	77	78
74	75	76	77	78	79
75	76	77	78	79	80
76	77	78	79	80	81
77	78	79	80	81	82
78	79	80	81	82	83
79	80	81	82	83	84
80	81	82	83	84	85
81	82	83	84	85	86
82	83	84	85	86	87
83	84	85	86	87	88
84	85	86	87	88	89
85	86	87	88	89	90
86	87	88	89	90	91
87	88	89	90	91	92
88	89	90	91	92	93
89	90	91	92	93	94
90	91	92	93	94	95
91	92	93	94	95	96
92	93	94	95	96	97
93	94	95	96	97	98
94	95	96	97	98	99
95	96	97	98	99	100

Drawn by
The Chief Surveyor
at
The Assistant Engineer
in charge of the
Dated 25th September 1871
Showing the difference between
original and required
Estimates for the Repair
of the Police Barracks
at Villadurga

1871-72

Comparative Statement Showing difference between Original & Revised Estimate for the Repairs of the Police Barracks at Madura

Description of charges	Original Estimate						Revised Estimate						Increase	Decrease	Remarks
	Quantity	Rate			Amount		Quantity	Rate			Amount				
1 Beam	12 1/2	2	8	-	21	4	6	24	1	28	5	3	-	-	
59 Rafter	35 1/2	2	8	-	88	9	6	82	1	11	128	3	-	-	
Planks					2	3	6	2	10	5 1/2	13	3	-	-	
Wall plate								6	1	3	-	1	14	-	
Lentils								3 1/2	-	2	3	9	3	-	
9 Purlins	5 5/6	2	8	-	13	4	6	13 5/6	-	26	2	8	32	14	3
4 Uprights	7/8	2	8	-	2	3	-	10	-	22	2	8	25	-	22
Plastering with 2 coats of chunnam dyph	303 1/2	3	-	-	60	15	3	203 1/2	1 1/2	305	3	-	-	-	10
Taking down the dyph Bricks of the floor & replacing with 1/4 portion of new dyph Bricks in chunnam	1485	3	-	-	44	8	9	1485	-	-	3	-	-	-	
Pointing floor with dyph Bricks with fine ground chunnam	1353	-	6	-	5	1	2	1353	-	-	6	-	5	1	2
Shifting flat and panicles repairing chunnam border with 1/8 portion of the new materials	9152	2	8	-	258	12	9	9152	-	-	2	8	228	12	9
Sawn reapers	400	-	4	-	100	-	-	600	-	-	-	-	50	-	-
Repairing Windows & fixtures					5	-	-			4	-	150	-	8	-
Doors and					5	-	-				-	13	-	-	-
Sundries and Superintendence					32	10	1				5	12	10	3	9
											45	12	11	13	1
Total					620	-	-				950	-	330	1	11

Taluk Officer's Office
Madura 25 Sept 1871

Sign: P. Perumal Naider
Acting Taluk Officer
Madura

Sign: A. Robert Esq. M. A.
Superintending Engineer
24 Dec

Sign: J. H. J. J.
In ch. of Madura Range

checked and approved, being submitted to the

checked					

12/
1 Encl: 1

In a letter from the
Superintg Engineer &
G. No 532 dated 8
May 1872.

At the Secretary to Govt
P. W.

P. W. 2359/72.
Comparative State
ment.

Done 11 May 72 L. 550.

Public Works Department
No 1296.
Proceedings of the Madras Government
Read the following

From The Supg Engineer 8th May / H. C. No 532 of 8th May 1872

The revised estimate of
No 940 for repairs to the
Police Barracks at Madras
is sanctioned. The Inspector
General of Police will provide
for the excess in the state-
ments to be submitted
by him, showing the manner
in which he proposes to
appropriate the Police grants
included in the Budget.

12

12

To J. R. & Dr. North-Spears
Controller
Jude Dept
Inspector of Police

Despe 23/5/72

C/2 2359

Govt. of Madras.

PUBLIC WORKS.

To the Superintendent
8th Division

Dated

Recd.

Encl. 2

G. O. 14th May 72, No. 1296.

Nos. 3804 & 381

Police Barracks at Madras.

The revised estimate of
Rs 940 for repairs to the
Police Barracks at
Madras, sanctioned
with remarks.

17/5/72
G. O. 14th May 72