

*Proceedings of the Madras Government, Public Works Department,
16th August 1875.*

No. 284. Read the following letter from W. A. GOODCHAP, Esq., District Engineer, Kurnool, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Chief Engineer, Public Works Department, dated Kurnool, 26th June 1875, No. 38 :—

I HAVE the honor to report that when I took charge of the district, on the 14th August 1874, the improvements and repairs to the roof of the new Court-house at Kurnool were completed, as follows :—

Repairs.—Repairing the roof, using one-third new and two-thirds old pan-tiles and chunam borders.

Improvements.—Fixing twelve side lights, each $4\frac{1}{2}' \times 2\frac{1}{2}'$ with glass shutters and perforated zinc ventilators.

2. During the rains of August, September, and October 1874, the roof leaked much, and I instructed the Range Officer, as soon as the rainy season was over, to ascertain the cause of leakage as anticipated; the pot and pan-tiles were found to be of a bad description, many of the under ones being broken, at the same time they were the best procurable at Kurnool at that time.

3. While the coolies were employed removing the tiles several of the couple rafters and collar-pieces broke, and on examining them it was found that the couples were made of country-wood, called in Telugu "Buttaganapee," and that they had been attacked by an insect (known as the carpenter's or black bee, of a large size,) which had bored holes in every direction (not perceptible to the eye from the outside) from half to one inch diameter; a piece of the wood that formed one of the couple-rafters is sent for inspection.

4. As the Government appeared by their orders marginally noted to be anxious to remove the Court from the old to the new building, arrangements were at once made to renew the couple-rafters and collar-pieces that were broken and others that could be detected by the eye as having been injured. The principal couples near the side lights and ventilators were also strengthened with Y angle iron straps and bolted with half inch round iron. The tiles, bamboo reapers and mats were also renewed wherever it leaked.

5. As there is a doubt with reference to the strength of the couples, as it is probable that all the timber composing the roof, with the exception of the new rafters lately fixed, is more or less injured by the insects above referred to, I think it my duty to inform you that it is possible that the roof during heavy rain may give way, although it has been strengthened to a certain extent as above pointed out.

6. I would respectfully suggest that a new brick terraced roof (lately introduced into this district), in lieu of the present tiled one, be put on the main building during the next vacation in April and May 1876, *vide* sections enclosed.

* Will follow.

7. An estimate is herewith* forwarded for the work suggested to be carried out.

8. As seasoned teak-wood for the beams, and yagee-wood for the joists is required, it will be necessary to sanction the estimate as soon as possible, as also allot sufficient funds to enable this department to purchase the wood and make the bricks and tiles during the current year.

9. I beg to report that the Court has been held in the building from the 14th instant.

16th August 1875.

Nos. 285 & 286. ORDER THEREON, 16th August 1875, No. 2,306.

CIVIL WORKS, No. 21.

THE District Engineer will carry out any work which, after examination, may be considered necessary for the security of the building, and report the expenditure when a grant of funds will be made.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

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

Notes of Remark

In Estimate for re-roofing the Court House at
Kurnool

The following rates differ
from the District Schedule
of the current year -

Masonry Stone in Chumari -

Flat Arch work.

Glazed windows & ventilators -

Teakwood beams -

Terraced roof -

Plastering 2 coats.

White lead paint 3 coats

Wood oiling 2 coats.

The figures in the
Estimate have been
checked and found correct.

21/10/75

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March 20 1878

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General

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C. No: 4302

Major Scott has
directed this paper to be
sent to the Joint Secretary
with reference to the
question of funds. The
balance at the disposal
of Genl. at present is
\$3631. The Mil. Dept.
carries nothing.

R.P.

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the whole of the
the whole of the

C.P.

2/1

Comparative Statement showing difference in Rates between the Estimate submitted by the District Engineer, and the District Schedule, for Demolishing the New Court-house at Turnout.

Description of Work	Rates as per Estimate submitted by the District Eng ^r	Rates as per District Schedule	Difference.	Remarks.
<u>Remaining Old Work</u>				
Roof including Cornices, tiles &c. <u>Sq. ft.</u>	3	"	"	"
Old Masonry <u>Cy.</u>	4	"	"	"
<u>Improvements</u>				
Masonry Cline in Churnam <u>Cy.</u>	3 8	5 8	" 2	
Flat Arch. work <u>do.</u>	4	2 8	" 8	
Glazed Windows & Ventilators <u>Sq. ft.</u>	1 4	1 5	" 1 4	
Teakwood beams <u>Cft.</u>	4	2	" 2	
Yagu Wood Loints <u>do.</u>	2 8	2 8	"	
Demolish Roof Pucca <u>Sq. ft.</u>	32	31	" 1	
Cornice <u>Sq. ft.</u>	4	4	"	
Plastering 2 Coats <u>Sq. ft.</u>	2 8	2 11	" 3	
White lead paint 3 Coats to beams <u>do.</u>	3	3 15	" 15	
Wood Oiling 2 Coats <u>do.</u>	1 8	1 2	" 6	

Govt. Little Department.
Jah. V. George.
Madras. 9th August 1875.

JP

DOCUMENTS IN FILE.

From District Engineer— *Kurnool*

1 Covering letter No. 38, date 26-6-75-

1 Letter from Range Officer, No. , date

1 Detailed Estimate.

1 Abstract

1 Plan

1 Specification Report.

From Office

Original sanction, No. , date
for detailed estimate preparation.

Nil

Orders and Proceedings.	No.	Date.	Under P. W. D. G. O.
P. W. Department			No. Date.
Public do.			
Revenue do.	666	12/5/74	1257 12-5-74
Financial do.			
Military do.			

Report to accompany the Estimate
for removing the present tiled roof and
re-roofing the New Court house at Kurnool.

As the woodwork comprising
the couple roof of the old Military Hospital,
lately converted into a new District Court
house at Kurnool; has been attacked
by insects (known as the Carpenter's or
Black bee) which have bored holes in every
direction in the couple rafters. It is
thought advisable to remove the old
tiled roof, and cover in the Main building
with a new brick toraced roof, for which
the following is the estimate.

Removing old work — 170-1-

Proposed improvements — 4539-8-8

4709-9-8

Deduct value of old materials 77-9-

4632-0-8

Sundries & Superintendence — 467-15-4

Total Rupees — 5100 --

The old tiled roof is to be removed as
also the Main walls to a height of two
feet, and rebuilt with stone & chunam
to a height of 4'25. This admits of a
glazed window ventilator 5 x 2½ being

Kurnool District.

From

The District Engineer
Kurnool

To The Chief Engineer
D. P. W.
Madras

Dated 1st July 1875.
Received 63 En. 1

Report to accompany
the estimate for removing
the present tiled roof
& re-roofing the new
Court house at Kurnool.

N. B. 4302/75
2
G. B. 16 August 75
N. B. 284

No. 36 District Engineers Office
Kurnool
26 June 1875

From The District Engineer
Kurnool

To The Chief Engineer D. P. W.
Madras

Sir I have the honor to report
that, when I took charge of the District,
on the 14 August 1874 the improvements
and repairs to the roof of the New Court
house at Kurnool were completed as follows.

Repairs

Repairing the roof using 1/3 new and 2/3
old pan tiles and chunam borders.

Improvements

Fixing 12 side lights each $4\frac{1}{2} \times 2\frac{1}{2}$ with
glass shutters and perforated zinc
ventilators.

2. During the rains of August
September and October the roof leaked
much, and I instructed the Range
Officer, as soon as the rainy season was
over, to ascertain the cause of leakage

1702
as anticipated; the pots and pan tiles were found to be of a bad description, many of the under ones being broken, at the same time, they were the best procurable at Harvard at that time.

3. While the coolies were employed removing the tiles, several of the couple-rafters and collar-pieces broke, and on examining them, it was found that the couples were made of country wood, called in Telugu (Buttaganapoo) and that they had been attacked by an insect (known as the Carpenter's or black bee, of a large size) which had bored holes in every direction (not perceptible to the eye, from the outside) from $\frac{1}{2}$ to one inch diameter, a piece of the wood that formed one of the couple-rafters, is sent for inspection.

4. As the Government appeared by their orders, marginally noted to be anxious to remove the Court from the old to the new building, arrangements were at once made to renew the couple-rafters and collar-pieces that were broken and others that could be detected by the eye, as having been injured. The principal couples near the side lights and ventilators

were also strengthened with angle iron strips and bolted with pinch round iron. The tiles, bamboo reapers and mats were also renewed, wherever it leaked.

5. As there is a doubt, with reference to the strength of the couple, as it is probable that all the timber composing the roof, with the exception of the new rafters lately fixed, is more or less injured, by the insects above referred to, I think it my duty to inform you that it is possible that the roof during heavy rain, may give way, although it has been strengthened to a certain extent, as above pointed out.

6. I would respectfully suggest that, a new brick terraced roof (lately introduced into this District) in lieu of the present tiled one, be put on the Main building during the next vacation in April and May 76 vide sections enclosed.

* will follow

7. An estimate is herewith forwarded for the work suggested to be carried out.

8. As seasoned teak wood for the beams, and Yagee wood for the joists, is required, it will be necessary to sanction the estimate as soon as possible, as also

to sufficient funds, to enable this
Department to purchase the wood, and
make the bricks and tiles during the
current year.

I beg to report that the Court
has been held in the Building from
the 14 instant.

I have the honor to be
Sir
Your Most Obedient Servant

E. Goodchap
District Engineer.

Comd. Gen.
I have the honor to acknowledge the receipt of your letter of the 14th inst. in relation to the purchase of wood for the use of the Department. I have the honor to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,
Your obedient servant,
E. Goodchap
District Engineer.

Rate particulars
1 lot of 25000.
8012-100/74 to 202-303
* 16 Aug 75 284-286

P. J. S. 1875 Dept.
Kurnool District.

No: 4302

From

The District Engineer
Kurnool

To The Chief Engineer
D. P. W.
Madras.

Dated 26th June 1875
Received 2 July 1875

Encl. 3

Forwards certain estimate
and requests to
allot sufficient funds
to purchase certain
articles.

No 284

Recd. 7-10-75

Recd. 10-8-75

CP-16 August 1875 No 2366

Public Works Dept.

No 2366

Proceedings of the Madras Government
Under date the 16 Aug 1875
Read the following

From The Dist. Engineer } (S.C. No 38 of 26th June 1875)
Kurnool

The District Eng.
will carry out any
work which, after ex-
amination, may be con-
sidered necessary for the
security of the building,
and report the expendi-
ture, when a grant of
funds will be made.

Dist. Eng. Kurnool
Cont. of P. W. Accts.
Jud. Dept.

SC Prop. 3-9-75

Ad. S.

34

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[Faint, mostly illegible handwritten text on the right side of the page, possibly bleed-through from the reverse side.]

N^o 284/86.

4302

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Cott. of 1875: Madison
PUBLIC WORKS.

2.
The High
Mural

Dated

Issued

Recd.

Excl

G. O., 16 Aug: 1875, No. 2366

Nos. 247-251

New Court House at Huron
The Str. Congr: to carry out
any work which he may
consider necessary for the
security of the building
& to report the expenditure,
when a grant of funds will
be made.