

C.N. 3135

Govt. of (1894) Madras.
PUBLIC WORKS.

Dated

4/6/91

Recd.

Encl.

G.O. 2nd June 1894 No. 1372 W

Deputy Collector's
Office, Markapur

Estimate of Rs 2,530
for Constructing a —
Kurnool District, sanctioned
with remarks.

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INDEXED
4/6

H.C.

Estimate for a Deputy
Collector's office at
Markapur, Kurnool
Dt.

T
B

Sent again 25/5

1887
M. 23/5/94

Plastering or Pointing

The interior faces of walls are to be plastered with 2 coats of cement & the interior painted with cement.

Flooring is to be of slate stones laid over 3" of concrete. The interior except the rear room which is to be of 3/4" asphalt laid over 6" of concrete.

Roofing is to be of Mangalore tiles laid over teak rafters & ceiled with 1/2" pine wood planks.

Doors and Windows are to be of the descriptions noted in the estimate of teakwood & painted with 2 coats of silicate paint.

Roof timbers are to be of teakwood & painted with 2 coats of zinc white paint.

Scantlings are correct.

Rates are fair except for a few items as remarked below.

The plinth area of the main building is 5868 square feet, and the cost per square foot will be Rs. 3.7.6.

The plans and estimates have been countersigned by the Collector of Kurnool and approved in the Public Works Department.

REMARKS.

This estimate has been framed with reference to G.O. No. 195 W dated 30th Jan'y 1893 & provides for constructing a Deputy Collector's Office at Markapur, in the Kurnool District, as per type design circulated with G.O. No. 2122 W dated 8th Aug't 1891. The site selected is private land for which compensation to the owner of Rs. 300 has been provided in the estimate.

The following rates are in excess of the Divisional schedule:-

Reinforced masonry 2 nd class	Rs. 13.8.0	against	12.8.0
Cuddapah slabs 6" thick	37.8.0	- do -	28.2.0
Mangalore tiles in price	40.0.0	- do -	35.0.0
Asphalt flooring 3/4" thick	23.7.0	- do -	25.8.0
Plastering interior 2 coats	3.8.0	- do -	3.12.0
Pointing with cement	3.0.0	- do -	4.12.0

Saving will be about Rs. 700, but in the report accompanying the estimate it is stated, that the rates allowed are those lately sanctioned for buildings in the vicinity.

If the foundations be of concrete throughout to ground level in view of one foot of concrete & 3 feet of rubble masonry, the amount of the estimate will be increased by Rs. 50.

The rafters are proposed to be laid 18" apart from centre to centre, as the roof is to be covered with Mangalore tiles which is a much lighter roof than flat & pan tiles. It is thought that the rafters may be laid 2 1/2 feet apart from centre to centre, whereby a saving of about 1/3 the quantity of roof timbers will be effected.

Submitted, with draft S.W. note, &c. for approval.

No. 1372 W. d. 2nd June 1894.

Public Works

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Pros. of the P^o of Rev. (Land Rev.) No: 1760 mis. d/2. April 1894
Endorsement thereon in the Rev. Dept. No: 1551 mis. d/21 - "
Note by the Chief Engineer, P.W. D dated 28th May 1894
48

The estimate, amounting to Rs. 21,530, for constructing a Deputy Collector's office at Markapur in the Kurnool District, is sanctioned subject to the modifications suggested by the Chief Engineer in his note recorded above.

- No allotment can be made for the work at present.
- This sanction has been registered as Provincial No: 184 of 1894-95 and classified as Civil Buildings, Original Works.

The S. E. III Circle with bundle.
Exar. P.W. acct.
Rev. Dept.

12/6

1.55 Cpr of link repairs at 50 lbs
 16. Cpr { 3 3/4 barrels of lime } at 106 lbs
 { 7 1/2 - do - of sand }
 repair nails only
 Total for 1 Square, Flat & pointed
 masonry

The
 25.8.54

W.
 I think that the foundations
 should be of concrete to pound
 load.

2. The rafters need not be
 18" apart (vide T's reply to
 my query and the accom-
 panying Catalogue, paragraph
 in page 4. marked in blue
 pencil) - If placed 2' 6"
 apart there will be a considerable
 saving.

3. Some of the rates are very
 high compared with the
 schedule rates of the division.
 And this raising of the rates will
 entail an excess of Rs 700. It
 is stated in the report that the
 rates allowed in the estimate
 are those sometimes for other
 buildings in the vicinity. But only
 some high rates were originally
 given is not explained.

C.H.P.B.

28/5/54

Public Works Department.

Current No. 3135
 Letter No. 1551 Dis.
 Dated 21st April 1954
 From the Revenue Dept.

NOTE BY TECHNICAL SECTION.

Name of Work Constructing a Deputy
 Collector's office at Markapur, Kurnool
 District.
 Amount of Estimate, Rs. 21,530

PARTICULARS OF ESTIMATE.

Main Building	Rs. 18,957
Wire fencing & gate shutters	560
Subsidiary Buildings	"
Draining compound & forming wall.	250
Contingencies 5%	983
Petty Supervision for 25 months at 20%	500
Land compensation	300

Total Rupees ... 21,530

PARTICULARS OF CONSTRUCTION.

Surface soil brown to an average depth of 3 feet
 at site of work.
 Sub soil gravel.
 Foundations are proposed to be laid 4 feet
 deep, the lower one foot to be laid with
 concrete & the upper 3 feet to be built
 of rubble masonry in chunnam.
 Basement is to be raised 2 1/2 feet high &
 built of rubble masonry in chunnam.
 Walls are to be raised to the height indicated
 on the type design & built of rubble
 stone in chunnam 1 1/2" with arch
 marks over doors, windows etc.

W.

There is no separate design
in angular tiled roof. The standard
ign submitted is for tiled roof
the nature of the roof to be
provided is left to the discretion of
the officer preparing the estimate. Please
see page 10 of the annexure to G.O. No.
2122 Wd/8 August 1891.

May 23/94

T. Before I can approve
your proposal to lay the
rafters $2\frac{1}{2}$ feet distant
 $1\frac{1}{2}$ feet apart I must see

the "Dimensions" page 4. It will
be observed that the manufac-
turers suggest a distance of $2\frac{1}{2}$
to $2\frac{3}{4}$ feet apart between rafters
& this they consider as being
quite strong enough to bear the
weight of the tiles.

The difference in weight between
angular tile roofing & flat
pan tiles will be as follows:-

150 tiles at 6.5 lbs each	Rs 947.0
155 Cps of tiles requires $2\frac{1}{2} \times 1\frac{1}{2}$	
at 50 lbs per Cp	77.5
4 Ridge tiles at $7\frac{1}{2}$ lbs each.	30.0
Rafter nails say	10.5

Total for 100 sq feet, Rs 1065.0

Against

500 flat tiles at 100 lbs per 100 =	500
2000 pan tiles at 124 lbs - do =	
	C.O.

Public Works Department.

Current No. 3135
Letter No. 1551 Dis.
Dated 21st April 1894
From the Revenue Dept.

NOTE BY TECHNICAL SECTION.

Name of Work Constructing a Deputy
Collector's office at Chankapur, Kumbhari
District.
Amount of Estimate, Rs. 21,530

PARTICULARS OF ESTIMATE.

Main Building	Rs. 18,437
Wire fencing & gate shutters	560
Subsidiary Buildings	"
Draining compound & forming wall.	250
Contingencies	570
Petty Supervision for 25 months at 20 Rs	500
Land compensation	300

Total Rupees ... 21,530

PARTICULARS OF CONSTRUCTION.

Surface soil hard & an average depth of 3 feet
at site of work.
Sub soil gravel.
Foundations are proposed to the hard & feet
deep. The lower one foot to the hard with
concrete & the upper 3 feet to the built
of rubble masonry in chunam.
Basement is to be raised $2\frac{1}{2}$ feet high &
built of rubble masonry in chunam.
Walls are to be raised to the height of 10 feet
on the type design & built of rubble
stone in chunam 1st class with arch
work over doors, windows &c.

(1894)

REVENUE DEPARTMENT.

ABSTRACT.

Current Number 2559.

Endorsement No. 1551. Mis

From

The Board of Revenue
(Land Revenue)

The plan and estimate are
approved and will be
transferred to the Public
Works Department for
sanction.

W. H. P. H.

for Secy. to Govt.

Dated 2-4-94

Received 4-4-94

Enclosures 7 (1000)

Ootacamund. }
21st April 1894 }

No. 1760. Mis.

SUBJECT.

Submitting for the early
sanction of Govt. estimate
for constructing a Dy. Collection
office at Kurkapur, Kurnool
dist. Mich.

The P.W. Dept. with 7 enclosures
" Commissioners of Land Revenue

26-11-94

27/6

C. No. 3135

No. 1372 W. dy 2nd June 1894. 33P

Note by the Chief Engineer, P.W.D.

The undersigned
Considers that the founda-
tions, instead of being built
1 foot of Concrete and 3 feet
of rubble masonry as proposed,
should be of Concrete through-
out to ground level.

2. The quantity of roof tim-
bers estimated for can
be reduced. The roof being
of a light kind, the rafters
may be placed $2\frac{1}{2}$ feet
apart from Centre to Centre
instead of 18 inches as pro-
vided for in the estimate.

S

205

E.W.

Curran
29.5.94

Read the following
to O. dated 2nd April 1894, No. 1760.
Proceedings of the Board of Revenue. | P
(Land Revenue)

Dated 2nd April 1894 No. 1760. Mis.

Read the following letter from C. M. Mulla Esq.
acting Collector of Kurnool of 10th March 1894
No. 526. Esq. —

I have the honor to forward copy of letter
No. 3105 dated 12th March 1894 with its enclosures
from the Superintending Engineer, for early sanction
of the estimate.

Resolution dated 2nd April 1894, No. 1760.

The site plan and estimate for Rs 21,530.
for constructing a Deputy Collector's Office at
Markapur are submitted for the early sanction
of Government with reference to G.O. dated
24th December 1892 No. 1294. Revenue.

(True Copy & Extract)

(SD) L. M. Wynne.

Secretary.

To.
The Secretary to Govt. Rev. Dept.
with 7 enclosures.

From
C. M. Mulla Esq.
acting Collector of
Kurnool.

Enclosure 7 to letter
No. 526 of 10th March 1894.

Enclosure
No. 3105 of 12th March 1894 from
the Superintending
Engineer, Kurnool.

1894
REVENUE DEPARTMENT
Enclosures No. 5
To Current No. 2553

erg. Collect.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated June, 2nd.

L. ced.

Encl.

G.O., 2nd June 1894, No. 1372 W.

June.

Deputy Collector's Office,
Markapur

Estimate of Rs. 21,530 for constructing
a —, Kurnool district, sanctioned with
remarks.

No 3105

Encl 6

Superintending Engineer's Office
3rd Floor

Bellary 12th March 1894.

From

Colonel C. J. Fraser R.S.

Superintending Engineer,
The Bellary

To the Collector.

Kurnool.

Enclosed are

five

I have the honor to

1. Report
1. Specification

1. Detail estimate forwarded for counter signature

1. Abstract

1. Site plan and transmission to Government

1. Compensation

6. Statement plan and estimate amounting to

Rs. 21,530 — for constructing

a Deputy Collector's Batcher

at Chalkafore Kurnool.

2/2/94
2/2/94

2ND JUNE 1894, No. 1372 W., PUBLIC WORKS.

ORDER—dated 2nd June 1894, No. 1372 W., Public Works.

The estimate, amounting to Rs. 21,530, for constructing a Deputy Collector's office at Markapur in the Kurnool district, is sanctioned subject to the modifications suggested by the Chief Engineer in his note recorded above.

2. No allotment can be made for the work at present.

3. This sanction has been registered as Provincial No. 18 W. of 1894-95 and classified as Civil Buildings, Original Works.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle,
with six enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

Proceedings of the Board of Revenue (Land Revenue), dated 2nd April 1894,
Mis. No. 1760.

Read—the following letter from C. M. MULLALY, Esq., Acting Collector of Kurnool,
dated 20th March 1894, No. 526-Eng.:—

I have the honour to forward copy of letter, No. 3105, dated 12th March 1894,
with its enclosures, from the Superintending Engineer for early sanction of the
estimate.

Resolution—dated 2nd April 1894, Mis. No. 1760.

The site plan and estimate for Rs. 21,530 for constructing a Deputy Collector's
office at Markapur are submitted for the early sanction of Government with reference
to G.O., dated 24th December 1892, No. 1294, Revenue.

(A true Copy and Extract.)

(Signed) L. M. WYNCH,
Secretary.

Mis. No. 1551, Revenue.

The plan and estimate are approved and will be transferred to the Public Works
Department for sanction.

OOTACAMUND,
21st April 1894.

(Signed) E. GIBSON,
Ag. Secretary to Government.

Note by the Chief Engineer, Public Works Department.

The undersigned considers that the foundations, instead of being built 1 foot of
concrete and 3 feet of rubble masonry as proposed, should be of concrete throughout
to ground level.

2. The quantity of roof timbers estimated for can be reduced. The roof being of
a light kind, the rafters may be placed 2 feet apart from centre to centre instead of
18 inches as provided for in the estimate.

28th May 1894.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.