

Public Works (1899) Department.

G.O., No. 1782 W

DATED 11th July 1899

13/7/99

[Despatch Abstract.]

Dy. Collector's Office at Sirdhavartham:

The estimate, amounting to Rs 21,245, as allowed by the Chief Engineer, for constructing a ———, Cuddapah District, sanctioned, with remarks, for execution when funds are available.

T
B
C.S.

120/1

12/7

Government {1899} of Madras.
PUBLIC WORKS.

} 1899.

Spare copies

JULY.

The estimate, amounting to Rs. 21,245, as altered by the Chief Engineer, for constructing a —, Cuddapah district, sanctioned, with remarks, for execution when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From H. O. D. HARDING, Esq., Acting Collector of Cuddapah, to the Secretary to Government, Public Works Department, dated 30th June 1898, Dis. No. 3037/Rev.

- 1 Site plan.
- 1 Report.
- 1 Specification.
- 1 Collector's letter with its enclosure No. 1105, dated 14th March 1898.
- 4 Sheets of data.
- 1 Detailed estimate, 10 sheets.
- 1 General abstract, 7 sheets.

10

I have the honour to forward herewith an estimate (with enclosures as noted in the margin) for Rs. 21,700 for constructing the Sidhout Deputy Collector's office, duly countersigned, for the sanction of Government.

From H. O. D. HARDING, Esq., Acting Collector of Cuddapah, to the Secretary to Government, Public Works Department (through the Superintending Engineer, III Circle), dated 12th June 1899, dis. No. 1354/Rev.

I have the honour to submit herewith, countersigned, the revised estimate for constructing a Deputy Collector's office at Sidhout, received from the Superintending Engineer, III Circle, Bellary, with his letter No. 1984, dated 27th May 1899, and to request that early sanction may be accorded for its construction as an urgent work as requested in my letter, C. No. 4449/Rev., dated 13th December 1898.

No. 2310 W.

Forwarded.

20th June 1899. (Signed) W. L. C. BADDELEY, Lieut.-Col., R.E.,
Supg. Engineer, III Circle.

Note by the Chief Engineer, Public Works Department.

Submitted for the sanction of Government, with the following remarks:—

- (1) The provision of Rs. 2,925 for iron record-racks has been expunged and the amount of the estimate reduced from Rs. 24,170 to Rs. 21,245.
- (2) A supplemental estimate for the racks may be submitted when the revised design now under preparation by the Consulting Architect is sanctioned.
- (3) The wire fencing used should be Morton's patent.

4th July 1899.

(Signed) W. B. DEWINTON,
Chief Engineer.

ORDER—No. 1782 W., dated 11th July 1899.

The estimate, amounting to Rs. 21,245, as altered by the Chief Engineer, for constructing a Deputy Collector's office at Siddhavattam, Cuddapah district, is sanctioned for execution when funds are available.

2. The allotment of Rs. 10,000 provided for this work in the Provincial Civil Works budget for 1899-1900, has been withdrawn in G.O., No. 1708 W., dated 4th July 1899.

3. Attention is drawn to the Chief Engineer's note read above.

4. The sanction accorded in paragraph 1 of these Proceedings has been registered as Provincial No. 35 W. of 1899-1900, and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

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

Exd. T. K. Narayana Aiyangar.

Urgent

P. W. DEPARTMENT

Read the following:-

Letter from the Collector of Cuddapah, Dis No 3037 of 1898, dy 30.6.98.
- 8 - Disposal No 1354 of 1899, dy 12th June 1899
Endorsement by the Supty Engineer, III Circle, No 2310W dy 20th June 1899
Note by the Chief Engineer, P.W.D. dy 4th July 1899.
Circulated to H & the Engineer

ORDER.

No 1782 W dy 11-7-99

The Collector describes this as an urgent work. But, in view of the fact that our resources are nearly exhausted, I think it might be postponed to the next financial year. P.W.D. dy 7.9.99
The Revenue Dept for payment of
Contract - initials

50

2 items 16 after budget
Placed K.

H. E. to me after 9.6 resuming the
allotment for certain unsanctioned works
sent down to Madras on 1.7.99.

Issue as altered
in ink. H. E. 7.2.11

To the S.E. III circle with
.. Excer P.W.A.
.. Revenue Dept

P. W. 42-A.
1,000-2-3-99.

Revenue Dept 1/7/99 25/7 14/8/99 27/7

The estimate, amounting to Rs 21245, as altered by the Chief Engineer for constructing a Deputy Collector's Office at Siddharvattam, Cuddapah District, is sanctioned for ~~early~~ execution when funds are available.

2. The allotment of Rs 10,000 provided for this work in the Provincial Civil Works Budget for 1899-1900 ^{has} been withdrawn in G.O No 1708 W dated 4th July 1899. The amount is ~~re-allotted~~ from the reserve with the Public Works Department.

3. Attention is drawn to the Chief Engineer's note read above.

4. The sanction accorded in para of these Proceedings has been registered at Provincial No 35 W of 1899-1900, and classified as Civil buildings, Original Works.

18/11/99
417/99

H. E. 7.2.11

Note In July 1898, an estimate of Rs 21,700 for constructing a Deputy Collector's Office at Siddharatham, Cuddapah District, was submitted by the Collector of Cuddapah. The estimate was returned for revision with the Chief Engineer's memo No 3550 dated 11th August 1898. A revised estimate has now been submitted, which it is proposed to sanction.

The technical details of the estimate are explained in the accompanying note flagged D.

[Signature]
W. J. S. W.

P.K.

P. W. Dept

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

Submitted for the sanction of Government with the following remarks:-

- (1) The provision of Rs 2925 for iron recast racks has been expunged, and the amount of the estimate reduced from Rs 24,170 to Rs 21,245.
- (2) A supplemental estimate for the racks may be submitted when the revised design now under preparation by the Consulting Architect is sanctioned.
- (3) The wire fencing to be used should be Morton's patent.

P.K.

[Signature]
W. J. S. W.

The main building in both first and second estimates comes Rs 19050 but in the second there is a saving of over Rs 1000 owing to new roofing

	1st	2nd
Teakwood	3050	4036
Thatched roof	2144	1308
Ceiling plaster	1238	
	<u>6422</u>	<u>5344</u>

What extra items are there which make up the amount so saved

W
30/6

The following Successes

	Estimate	Actual	Balance
Concrete rubble masonry	3410	3947	
Concrete			
g. Est.	P. Est.	Sum.	
Concrete Hammer	3410	3947	537
rubble			
Archwork	623	643	20
Windows	1991	2213	222
Floor	977	1103	126
Plaster & painting	4604	455	51
Painting woodwork	375	423	57
		<u>1013</u>	

Savings as shown above 1078.

Success in other items 1013

To Contingencies 65.

Last December, when the budget programme for the current year was under consideration, a letter from the collector was received in which it was represented that the work was ^{very} urgent. Hence an allotment of Rs 10,000 was provided for the work in the current year's budget. This allotment was, however, recently withdrawn, as the estimate had not been sanctioned. The collector's letter above referred to has not been put up with the file. It may, if desired, be called for and the question resubmitted to H. & C.; or the estimate may be sanctioned for execution when funds are available. The work may, however, be entered in the list of appropriations promised in view to an allotment of being given when surpluses of funds come in during the course of the year.

Sanction when funds are available. 7/1/99. AS our reserve is about Rs 31,000 which will be reduced to Rs 21,000 if the allotment of Rs 10,000 proposed in the draft G.O. be approved.

Public Works Department.

Current No. 4973
Letter No. 2310
Dated 20th June 1899.
From the S.E. III Circle

TECHNICAL NOTE.

Name of Work Constructing a Deputy Collector's Office at Sidhouth
(Cassapat Bui)
Amount of Estimate, Rs. 24170

PARTICULARS OF ESTIMATE.

Main Building	Rs. 18550
Subsidiary Buildings	
Record Rack	2925
Ryoti shed	1230
Latrine	215
Well	500
Contingencies	700
Petty Supervision	462
Land Compensation	50

Total Rupees 24170

PARTICULARS OF CONSTRUCTION.

Surface soil	Loose sand mixed with small stones
Sub-soil	Hard gravel below 2 feet
Foundations	3 ft. deep - bottom 2 feet. Concrete in lime mortar - remainder Coursed rubble in lime mortar.
Basement	2 ft. high - Coursed rubble in lime mortar.
Walls	Coursed rubble in lime mortar.

To W. for order.
The estimate may be sanctioned but I would prefer wooden record racks

W
30/6

Omit record racks from the estimate, & lay a supplemental estimate, can be submitted when the revised design is under preparation by CA is sanctioned.

Plastering or Pointing Inside plastering
with 2 Coats of lime mortar -
outside flush pointing with lime
mortar

Flooring mirsi (stone) slabs 2" thick on
4" concrete bonded with tar
and sand.

Roofing Flat than tiles with teak
rafters and chumam borders.

Doors and Windows Teakwood as de-
-tailed in Estimate

Roof timbers Teak wood

Scantlings as per type design.

Rates as per detail data attached.
appears fair for the locality.

The plinth area of the main building is
5878 square feet, and the cost per square
foot will be Rs. 3-1-10

The plans and estimates have been countersigned
by the Collector
and may be approved by the Rev.
Agent.

REMARKS.

The Estimate was called
for in G.O. No 223 W dated
20.1.96 and has been prepared
in accordance with the Standard
design circulated with G.O. 2122 W
of 8.8.91 for a Tiled building.

An Estimate for Rs. 21700
was once submitted (vide flag B)
which was returned with memo
3550 C of 11.8.98 (vide flag C) to be
altered in accordance with the
following remarks.

- (1) Flat Pan tiles substituted
for Mangalore tiles
- (2) Twelve ft. parapet walling should
be allowed round the building.
The present Estimate has been
altered accordingly but exceeds the
former by Rs. 2470.

The savings due to the
substitution of flat and pan
tile roof for Mangalore tiled
one amount to about Rs 1000
but this is covered by the
increased rates now allowed

WLF

	Estimate	Estimate
Main building & well	19050	19050
Ryoti shed	1190	1230
Latrine	210	210
Washing place	700	700
Record room	500	2925
Compensation	50	50
Total Rs.	21700	24170

The excess difference Rs. 2470 is due
due to the provision of Record room
on iron standards as per type de-
-sign circulated with G.O. 1098 W
of 12-4-88, costing Rs. 2925, against
teakwood racks previously pro-
-vided at a cost of Rs. 500.

- The deviations from the Standard
design for the office are as follows
- (1) Thickness of walls increased from
1'1 1/2" to 1'6" owing to the use of rough
stone masonry in construction
 - (2) Lintel stones substituted for flat
arches.
 - (3) Outside walls to be plastered - not
plastered.

Floor The floor of slab stones is to
be pointed with tar and sand -
Current pointing would be better
- able.

Record room.

Record racks on iron standards
as per type design with G.O. 1098 W
of 12-4-88 have been provided at a
cost of Rs. 2925

The windows provided are fitted with
iron bars and Venetian shutters -
but better shutters opening outwards
should be provided.

Ryoti shed This has been considered
necessary as is estimated at the type
with G.O. 1709 W of 7-9-94 Rs. 1230

Have found tar and sand
when not exposed to the sun
answers very well WLF

Yes. Thank you

This is very expensive and
as a fire proof roof has not
been provided, I doubt whether
the extra expenditure is worth
the possible extra security gained

See above - I don't
Why. And I see no point in
having these outer shutters
like to see the Standard
plan.

about. Estimate prepared after
type with G.O. 1709 W 7-9-7-94
Rs. 215.

Well. A lump sum of Rs. 500 is provi-
ded for a well 6' dia. and 40' deep.
- but of what kind is not specified.

Plain wire fencing and gates:

The fencing is 1100 ft

long round the boundary of the
compound - one gate and one
handgate are provided.

Cost Rs. 700.

Compensation Rs. 50 provided
and considered sufficient.

Side plan - sum is the estimate -
but is not countersigned by the
Collector.

The cost per sq. ft. of building
at 3-6-10 is rather high and is
apparently due to the heavy cost
of carriage of the stone used.
If tiles can be had - perhaps
bricks also could be procured, and
from the schedule of rates, the rate
for brickwork is about 15 Rs 4
unit against Rs 24 provided in
the Estimate for covered rubble
masonry. - Similarly by substituting
brick instead of cut-stone,
the cost of brickwork will also
be considerably reduced.

The Collector in submitting
this Estimate through the S.D.
requests that the work be
treated as urgent.

It may be presumed that
good bricks are not available
in the S.D. would propose
to employ them. A tiled
floor is not nearly so durable
as the tile might have to be
carried a long way.

For orders whether the
estimate may be sanctioned.
A sum of Rs 10,000 has been
provided for the work in
the current year's Provincial
Civil Works Budget.

Sent up for Mr. P.
Sanctioned by 29/6/99

3-7-99

Am. 29.6.99