

(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.	3256	Press
~~B.P. No.~~		~~Mis.~~
Dated	13. 11	195- 1875

Not to be folded or roughly handled

10

*Proceedings of the Madras Government, Public Works Department,
13th November 1875.*

Read the following papers —

No 289. From Major J N HUNTER, R E, District Engineer, Salem, to Major-General G W WALKER, R E, Secretary to Government, Public Works Department, dated Salem, 25th November 1874, No 163

WITH reference to paragraph 5 of G O, No 3,025, dated 16th December 1873,

1 Site Plan
1 Abstract Estimate
1 Specification

I have the honor to forward, for the sanction of Government and for entry in the Budget of 1875-76, an estimate of Rupees 26,600 accompanied by plans and

specification for constructing a Taluq Cutcherry at Darampoory

2 The room for a Post Office was omitted as per G O, No 1,709, dated 9th October 1874, in the Financial Department, as there already exists an Imperial Post Office at that station

No 290. From Major J N HUNTER, R E, District Engineer, Salem, to Lieut-Colonel J MULLINS, R E, Officiating Secretary to Government, Public Works Department, dated Salem, 14th July 1875, No 53

WITH reference to your memorandum, No 144, dated 5th February last, I have

1 Estimate (Abstract)
1 Specification
1 Copy of Range Officer's letter
1 Copy of detail data for terrace

the honor to forward copy of a letter from the Officer in charge of Oosoor Range, furnishing the required explanation on the several points therein referred to in

connection with the Darampoory Taluq Cutcherry

2 Having no plans of the Cutcherry with me, I am unable to include in the estimate the cost of compound wall, well, and tiled drain, noticed in paragraph 24 of the Range Officer's letter

From W C S WEST, Esq, Officer in charge of No 2 or Oosoor Range, Salem District, to Major J N HUNTER, R E, District Engineer, Salem, dated Oosoor, 23rd March 1875, No 2,053

I HAVE the honor, with reference to your No 952, dated 12th ultimo, endorsement on No 144, dated 5th idem, from the Under Secretary to Government, to submit the following explanation

2 The great differences in the earthwork and masonry foundations are owing to a greater depth of foundations having been allowed for the Darampoory Taluq Cutcherry, so that they may rest on firm soil, the site being made earth of the glacis of the Fort. The present foundations will rest on gravel. I further beg to invite your

Your endorsement, No 483, of the 4th October 1873, on the Inspecting Engineer for Civil and Military Buildings, No 1 226, of 30th September 1873, and my No 1,013, dated 12th December 1873, remarks on site No 2

attention to the correspondence marginally noted, and in the latter part of Colonel Foord's letter he suggests that "the foundations will

probably have to be taken through the made-earth of the glacis into the solid ground."

3 I have estimated for flat and circular archwork separately, as the rates for these works are higher than for brickwork.

4 In flooring 8-inch square bricks a deduction is made for the Post Office-room, which has been struck out, as my figures were for forty-six squares

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13th November 1875.*

5 On the reverse of page 12 of my detailed estimate, the excess in flooring with asphalt is accounted for in detail. I have included the record-room to be asphalted, so as to keep any white-ants which may come up the walls from destroying the records, also, as the floor will be made use of frequently, nothing else would stand the wear and tear better.

6 The discrepancies in plastering and pointing of my estimate are under the standard estimate, and is in consequence of the Post Office-room having been struck out.

7 With regard to the rate for terracing, I enclose a detailed data, and beg to state that I have taken into consideration that firewood (which will be largely used for burning bricks, tiles, &c,) will have to be carted from 20 to 25 miles, this will also affect the rate for masonry.

8 In the roofing with flat and pantiles, &c, I have included the teakwood rafters and teak reepers in the rate for roofing, the discrepancy is due to the Post Office-room having been struck out.

9 Cut-stone work being in excess of the standard estimate is due to cut-stone steps for turret, stones under trusses and all the outer edges of doors having been provided for under this head, besides the coping of the basement. If the Post Office-room had not been struck out, this item would have been much more.

10 The discrepancy with regard to honey-comb work is trifling and unimportant, it is 85 square, and not 85 squares as written in the statement.

11 The excess under cornice and dentil work is due to a provision having been made to work mouldings, cornice, and dentil work around all archways, and semi-circular at top doorways on both sides, and the exterior and interior of all the rooms as is shown in the standard plan, and on the reverse of page 8 of my detailed estimate the details are given.

12. The excess of wrought iron work over that in the standard estimate is due to iron bars proposed to be placed in the peep-holes, so that an entrance may not be effected, the peep-holes being 1 foot broad.

13 The square feet of doors, although separately divided by me in detail for the purpose of the different rates I had estimated the work to be done, are as under —

	Standard Estimate Sq FEET	My Estimate. Sq FEET
	192	150
	917	276
		645
Total	1,109	43
		Total 1,114

which correspond very nearly, but, as the Post Office-room has been struck out, my estimate will yet be in excess, but not very much, thus I can explain by having provided for two doors to the turret, so that the record-room may be securely kept shut and not left open for any one to go into at pleasure.

14 The great difference between the teakwood work is due to the trusses having been estimated for separately, and that the whole of the common rafters are included in the rate for roofing.

15 The discrepancies in windows, ventilators, fixed venetians, painting and zinc, and shutting valves are very trifling, which will hardly cause any difference in the working out of the estimate.

16 The wood-oiling is provided for all rafters, trusses, purlins, and ridge-poles, &c, which does not seem to have been provided for in the standard estimate, although I think it will be admitted that such would be necessary.

17 The trusses, as I said before, are estimated for separately; consequently they are shown in lump sums.

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13th November 1875.*

18 Lightning conductors and bands, &c, being a new item which was recently ordered to be attended to, this is an addition of mine which, I think, requires no further explanation.

19 Stones under trusses are included in cut-stone work as stated above.

20 Barge boards and finial for the entrance are entered under the sub-head of teakwood work.

21 I have left out the tiled drain under circumstances as stated below. The Government order, No 2,906, of 16th November 1871, regarding tiled drains for Taluq Cutcheries was received by Mr Paynter on the 15th December 1871, I did not therefore know of this or noticed it till lately, and was not aware that it should have been provided for.

22 Spiral stairs of cut-stone is included separately under cut-stone work.

23 The other items of excess in ryots' shed, jail cook-room, jail latrine and public latrine are due to high rates which will have to be paid for bricks, tiles, and country wood, as firewood and country wood will have to be carted from a distance of from 20 to 25 miles.

24 I have not included the compound wall, gate, and well, nor the tiled drain for this, as well as the Kristnagherry Taluq Cutcherry, and is an oversight of mine, for which I beg to be excused through pressure of office work. And, as I have not the plans by me, I beg these works may be entered in the plans and estimates in your office, if you think that they are necessary at the following rates —

Compound wall of brick in chunam and plastered with two coats of chunam according to the standard design with gate and turnstyle, 4 Rupees a running foot. The lengths will be according to the plan to be drawn in the site plan.

Tiled drain with 4 inches concrete and 9 inches tiles laid in mortar and finely pointed, as per standard plan, 5 Annas a running foot. The measurement for this also I am unable to give, as I have not the plans by me, these measurements can be had from the plan for the main building.

25 In conclusion, I beg to state that I had very carefully gone through the whole of the details of the estimate myself before it was submitted, and I have again very carefully compared the statement, together with the Under Secretary's remarks, with my detailed estimate, and cannot find that anything has been entered in excess or less than that which will be required to complete the work, excepting what I have stated to have been left out by mistake. Moreover, I have no standard revised estimate showing the quantities in the second column of Major deScott's statement. I do not think the Government order circulating this revised standard estimate was circulated to me, the only Government orders I have on the subject are as under —

No 2,791, dated 1st September 1868, estimate for Taluq Cutcheries.

No 1,366, of 22nd May 1874, estimate for Taluq Cutcheries.

The abstracts in these do not agree with the above revised standard estimate, excepting five or six items in the latter, and I think this is not the estimate referred to.

1 Detailed Estimate
1 Abstract do
1 Specification Report
1 Comparative Statement
1 Building data
1 Do from the Oosoor Range.

26 I beg to return the enclosures which accompanied the above-mentioned memorandum under reply.

No 291 From the District Engineer, Salem, dated 13th October 1875, No 90

No 292 ORDER THEREON, 13th November 1875, No 3,236

CIVIL WORKS, No 20-A

THE estimate for a Taluq Cutcherry at Dharampoory, as submitted by the District Engineer, amounts to Rs 26,600,

Proceedings of the Madras Government, Public Works Department,
13th November 1875.

but additional provision for a gate, boundary hedge, and tiled drain which are necessary raises it to Rupees 27,050.

2. The rates for some of the items are high, but they are accounted for by the Range Officer, and the exceptional depth to which it is shown to be necessary to sink the foundations is a further cause of expense

3. The estimate as revised is sanctioned, and the work will be included in the Budget for 1876-77.

(True Extract)

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

To the Judicial Department

„ District Engineer, Salem

„ Controller of Public Works Accounts.

with Abstract

No. 11

N^o. 103. District Engineer's Office,
Salem 25th November 1874
From

The District Engineer
Salem.

The Secretary to Government
Public Works Department,

Sir,

Enclosures 6

3 Plans
1 Site Plan
1 Abstract
1 Estimate
1 Specification

With reference to para 5 of G. O. N^o. 3025 dated 16th December 1873, I have the honor to forward for the sanction of Government and for entry in the Budget of 1875-76 an estimate of Rs. 26,600 accompanied by Plans and Specification for constructing a Taluk Cutcherry at Darampoor.

2. The room for a Post office was omitted as per G. O. N^o. 1709 dated 9th October 1874 in the Financial Department as there already exists an Imperial Post

Post office at that station.

I have the honor to be

Sir,

Your most obedt. Servant.

P. W. M. Major, R.E.,

District Engineer.

[Faint, mostly illegible handwritten notes and signatures in the left margin.]

No 30258/16 Dec 73.
73 6 10-1000/73

R. W. 1874 20th Dec 73.
No: 7462

The District Engineer

Salem

The Secretary to Govt.

S.P.W.

Date 27th 3rd November

Enclosure 6 +

Respecting the

construction of a

bridge for the

the 13rd Sept 1873

1873-74 an estimate

of the cost of the

construction of a

bridge for the

No 12 No 53 District Engineer's Office
Salem 4th July 1875
From the District Engineer
to the Secretary to Government,
Public Works Department.

Enclosures 4
1 Estimate
1 Specification
1 Copy of
Range Officer's
letter.
1 Copy of
detail data
for Terrace.
With reference to your
Memo: No 144 dated 5th Febru-
ary last, I have the honor
to forward copy of a letter
from the Officer in charge
of Osapur Range, furnishing
the required explanation
on the several points therein
referred to in connection with
the Durampoor Taluq
Cutcherry.
2. Having no plans of the
Cutcherry with me, I am
unable to include in the
Estimate the cost of Compound
wall

Ref to me 30-9-75

I have the honor to be,
Sir,
Your most Obedt. Servant,
J. Insbrentice Major, R.E.,
District Engineer, Salem.

South Arcot District Nullamangalam Taluq.
Building Data 134.

Building Data

For Terrace with Brick on Edge 3 Courses of flat tiles
and 3 Coats plaster, Exclusive of Woodwork.

Particulars		Rate	Per	Amount
2000	Jenae Bricks including Cartage	2	1000	4
1700	Flat Tiles	1	12	2167
100	Wall Bricks	3		52
3	Cart-loads of Brick jelly	7	Cart	15
18	Puaks of Chumau	6	Puak	612
27	do of Sand	9		143
9	Bricklayers	6	Fee	36
3	Men Coolies	2		6
20	Women	13		19
	Sundries			1

Re. Mar. 22--

Good Friday. Sept.
Sub. St. George. —
Madras. 3rd February 1875.
P. S. S. S.

Ans. State
Maj. N.B.
to Gov. - P.W.D.

Abstract Estimate shewing items omitted in the District Estimate for Salug Catchment at Daranpore & requested to be inserted - Vide Range Officer's Report No 2053 of 23rd March 1875.

Quantities	Particulars of Works	Rate. Per Amount Total			
	<u>Bundara Wall - length 100 ft -</u>				
9	Large Excavation for foundation	13	Cy	117	
3	do Concrete	3	do	9	
168	Sq ft Brick in Chumam	27	Cy	272	
220	Sq ft - Painting	2	sq ft	465	41
	<u>Gate</u>				
3	Large Excavation for foundation	13	Cy	39	
1	do Concrete	3	do	3	
86	Cy Brick in Chumam	27	Cy	1342	
9	do Teak wood including iron work & painting	5	do	45	
1	Square Painting	2	sq ft	2	64
600	Run: ft - Exterior Drain	5	Ry ft	1878	1878
520	Run: yd - Enclosing the Compound with Aloe hedge & a trench outside, including watering the Aloe &c	4	Ry ft	130	130

Subt. of Bundara & Gate 422.13

Pr. fees 450

Add Amount of Estimate submitted by the District Engineer Rs 26,600

Total Amount of Estimate Rs 27,050

Govt. Letter Department
To Mr. Ch. George
Madras 1st November 1875

J.P.

Major R.L.
Under Secy. to Govt. P.W.D.

No 1.—ESTIMATE-PARTICULARS

Main Budget Head to which chargeable

Provincial

Purpose of work as given by District Engineer

Constructing a Talag Cutcherry at Tharampore.

Original sanction for the preparation of the detailed estimate. Date and number sanctioning and Public Works Department.

Board of Rev. No 2141 of 18-10-73 & P. W. No 3028 of 16-12-75

Amount of present estimate and its district number

Rs 26,600 No 70 of 1874-75

Budget head to which chargeable if sanctioned (in detail)

Civil Works.

Provision has been made in the Budget of in anticipation

(Yes or No)

No

Funds can be made available during the current year

(Yes or No, and state how in former case)

Not probable

Brought forward as urgent.

(Yes or No, and if former, state by whom)

Not stated

Number on last revised list of works approved and brought forward in due order of precedence

No 1 - Was submitted in Nov. last but not disposed of pending supply of mfr. material required by the office from Jt. Engr.

The estimate for a Talag Cutcherry at Tharampore as submitted by the District Engineer amounts to Rs 26600 but additional provision for a gate, boundary hedge and tiled drain which are necessary raises it to Rs 27050.

2 The rates for some of the items are high but they are accounted for by the Manager Officer and the exceptional depth to which it is shown to be necessary to sink the foundation is a further cause of expense.

desired to interfere with
Captain Sturges' discretionary
power in this matter. It is
presumed that the nature of
the job requires this precaution
to the full extent shown

by the flooring. The necessity
for the quantity of telephone
flooring in excess of that
in the Standard Estimate
should be explained.

Trimming. The price for trimming
is much in excess of that
in South West the data
for which is abstracted
Cornice Detail. There must be
an excess provision
of cornice work in the
estimate see Standard
estimate

Doors. The Doors are apparently
somewhat in excess of the
Standard number.

File Drain This is omitted
This is shown in the
Standard Specification.

Spiral

25th
Spiral Stair Case.

Staircase is a separate
item in the Standard
abstract. It is presumed
that it is provided for in
the detailed estimate.

It is requested ^{that} in future
the arrangement of the detail
and abstract estimate
may correspond as far as
practicable with the Standard
for facility of comparison.

A revised Standard
Specification & Estimate
will be forwarded.

(By Order)

Adj. Adjt. Genl. Scott Major Genl.
Under Secy to Govt. Md.

Fort St. George.

5th July 1875

To The Dist. Ingt. Salem
with estimate & specifications
& 2 statements prepared in

The Lithographic Dept.

Memo
No. 619. 274

According to his letter No 53 d/14th
July/75 the Dist. Engineer Salem is
requested to be good enough to return the
his claimants forwarded from this
office for his information with Memo
No. 144 d/ 5th Aug/75.

(By order)
Signed by A. D. C. Secy.
Ingrs (A.D.)

Under Secy to Govt. P.W.D.
Muzumdar J. S.
6 Sept/75 B. Eng. Salem.

144
11/14
1/15

No 3236

Encl IV Nils 12
Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 13th Nov/75
Read the following—

From,
The District Eng. Salem. (H. E. No 163 d/25th Nov/75)
" do do. (H. E. No 53 d/14th July/75)
" do do. (H. E. No 90 d/14th July/75)

The estimate for a
Salug Cutcherry at
Sharampoory, as submitted
by the District Engineer
amounts to Rs 26,600
but additional pro-
vision for a gate, boundary
hedge and tiled drain
which are necessary
raises it to Rs 27,000.
2. The rates for some
of the items are high
but they are accounted
for

for by the Range Officer, Oct. of 1875, Madras.

and the exceptional depths PUBLIC WORKS.

to which it is shown

the necessary to sink

the foundations is a further
cause of expense.

3. The estimate as re-
vised is sanctioned and
the work will be in-
cluded in the Budget
for 1876-77.

Adm. S.

G.M.

Indl Deptt -
S. Salem -
Controller

with on

No 289-292

at 4-11-75 R12
R9-11-75

Judicial Dept.

15/11/75

Encl

G. O. 13th Nov 1875, No 3236

Nos. 289-292

Major Pitchayal Tharam
Salem Dist. The
District Engineer for Constructing
— sanctioned with re-
marks —

F. B. Cole

Depd - 24 - 11 - 75