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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Publications* **DEPARTMENT.**

G.O. No.	1657A	Press
334-26		Mis.
Dated	19-6-1871	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
19th June 1871.*

Read the following papers —

No. 334. From the Superintending Engineer, 2nd Division, to the Secretary to Government, Public Works Department, dated Camp at Vatapollium, 30th March 1871, No. 185.

I HAVE the honour to submit, for the sanction of Government, a plan and estimate for the construction of three Rest-houses, or Overseers' sheds, in the Eastern Delta of the Kistna District, amounting in the aggregate to Rupees 8,520, prepared after the plan approved of in G. O., No. 3,037, dated 14th December 1870, for the Godavery Delta. This estimate will cancel that for Rupees 3,480, sanctioned in G. O., No. 929, 2nd April 1870. The works proposed will be carried out from the savings likely to be effected in the the Upper Poolairoo project (Budget Item 82 of the current year).

No. 109.

No. 335 *Note by the Acting Chief Engineer for Irrigation.*

G. O., 2nd April 1870, sanctioned an estimate, amounting to Rupees 3,480, for three Rest-houses to be constructed in the Kistna Delta. The Superintending Engineer now proposes to build these houses on the plan approved of by Government for similar buildings in the Godavery District in Proceedings dated 14th December last, and submits an estimate, amounting to Rupees 8,520, for sanction in lieu of that amounting to Rupees 3,480 referred to above.

2. The circumstances attending travelling on Public Works duty being very similar in the two deltas, or if there be any difference being more unfavourable in the Kistna, there appears to be no reason why the Rest-houses in this district should not be built on the more roomy plan sanctioned for the Godavery.

3. There being no provision for Rest-houses in the estimate sanctioned in G. O., No. 747, dated 17th March 1865, the Superintending Engineer proposes to meet the cost from the savings likely to be effected in the Upper Poolairoo project. The probable amount of these savings should be reported, and, with a view to satisfying Government that the channel works are not stinted in order to provide funds for the Rest-houses, the report should show in detail how the savings are effected.

FORT ST. GEORGE, (Signed) J. G. RYVES, Captain, R. E.,
9th May 1871. *Acting Chief Engineer for Irrigation.*

No. 336. ORDER THEREON, 19th June 1871, No. 1,650A.

IRRIGATION, No. 15.

On a reconsideration of the question of Rest-houses or Overseers' sheds the Government are of opinion that the plan which was sanctioned in G. O., No. 929, 2nd April 1870, provides sufficient accommodation for the purpose, and they resolve to adhere to the sanction given in that order for the Kistna District.

(True Extract.)

Captain, R.E.,

Acting Joint Secretary to Government.

To the Superintending Engineer, 2nd Division.

„ Acting Chief Engineer for Irrigation.

Exd. S. T. Augustin.

N^o 109

Note by the Acting Chief Engineer for Irrigation

Encls 5

G.O. 2nd April 1870 sanctioned an estimate amounting to Rupees 3480 for three rest houses to be constructed in the Krishna Delta.

The Superintending Engineer now proposes to build these houses on the plan approved of by Government for similar buildings in the Godavary District in Proceedings dated 14 December last and submit an estimate amounting to Rupees 8520 for sanction in lieu of that amounting to Rupees 3480 referred to above.

2 The circumstances attending travelling on Public Works duty being very similar in the two Deltas, or if there be any difference being more unfavorable in the Krishna, there appears to be no reason why the rest houses in this District should not be built on the more roomy plan sanctioned for the Godavary.

There being no provision for Crest
houses in the estimate sanctioned in
GO No 717 dated 17 March the Superintending
Engineer proposes to meet the cost from the
savings likely to be effected in the upper
low Project. The probable amount of these
savings should be reported and with a view
to satisfying Government that the Channel
works are not started in order to provide funds
for the Crest houses, the report should show
in detail how the savings are effected.

Jat S. Ganga
9 May 1871 Acting Chief Engineer for Irrigation

The Secretary to Government

M. D. P.

Estimate No 111 of 1870/71
District Hista
Detailed estimate of the probable expense for Constructing

Sept	Actual
3-0	255-
3-0	210-
3-0	60-
3-0	56-3
1-0	98-0
3-0	108-
2-6	170-0
2-6	150-0
2-6	30-0
2-6	30-0
2-6	267-6
1-3	89-1
1-3	37-6
2-6	62-6
5-6	2351-3
	3975-1
am	147 ² / ₉

New walls
Do
Grandah Pillars
Do
Main Pillars
Grandah walls
Table
Floors
Do
Do

2	11-0	1-0	16-0	816-0
2	14-0	1-6	16-0	672-0
2	3-0	1-6	7-0	63-0
3	1-6	1-6	7-0	47-3
4	2-0	2-0	16-0	256-0
1	167-0	1-6	7-0	1753-6
1	30-0	1-0	2-6	75-0
1	15-6	16-0	6-6	124-0
2	10-6	16-0	0-6	168-0
2	10-6	8-6	0-6	89-3
				4064-

3

There being no provision for erect
houses in the
GO No;
Engineer for
savings like
law. By
savings sh
to satisfactory
works are
for the
in detail

For S. G. No 335
9 May 1871
The Secretary to Government
Sh. Dept

Estimate No 111 of 1870/71
District District
Detailed Estimate of the probable expense for Constructing
Quartermen's Sheds or Rest Houses

	No	Length	Bread	Depth	Area
<u>Foundation</u>					
Side walls of main room	2	17-0	2-6	3-0	255-
and do of do do	2	14-0	2-6	3-0	210-
Verandah Pillars	2	4-0	2-6	3-0	60-
do	3	2-6	2-6	3-0	56-3
Retaining walls	1	49-0	2-0	1-0	98-0
Main Pillars	4	3-0	3-0	3-0	108-
<u>Basement</u>					
Side and end walls	2	17-0	2-0	2-6	170-0
do	2	15-0	2-0	2-6	150-0
Verandah Pillars	3	2-0	2-0	2-6	30-0
do	2	3-0	2-0	2-6	30-0
Retaining walls	1	53-6	2-0	2-6	267-6
Steps	1	19-0	3-9	1-3	89-1
do	1	12-0	2-6	1-3	37-6
Main Pillars	4	2-6	2-6	2-6	62-6
Outer & Inner walls of Verandah including foundations	1	171-0	2-6	5-6	2351-3
					3975-1
					147 ² / ₉
<u>Superstructure</u>					
Main walls	2	17-0	1-6	16-0	816-0
do	2	14-0	1-6	16-0	672-0
Verandah Pillars	2	2-0	1-6	7-0	63-0
do	3	1-6	1-6	7-0	47-3
Main Pillars	4	2-0	2-0	16-0	256-0
Verandah walls	1	167-0	1-6	7-0	1753-6
Gable	1	30-0	1-0	2-6	75-0
Floors	1	15-6	16-0	0-6	124-0
do	2	10-6	16-0	0-6	168-0
do	2	10-6	8-6	0-6	89-3
					4064-

3	Floor	Brought Over	4064-0
	Do	1 9-6 8-6 0-6	40-4
	Do	1 4-0 10-0 0-6	20-0
One		1 43-6 10-0 0-6	217-6
			4341-10
GC	Dead net doors & windows		597-11
			3744-
Eng	Plastering floor & Coats of Chumam	Cy of brick in Chumam	138-2
Law	White or blue washing with 2 coats		13
Law	Thatched roof to main building	19- 30-0	570-
Law	Tiled roof to Verandah with bamboo	126-0 14-0	1764
Law			17-64
Law			17-10
Law			193 1/2
Law	Flat Archwork over doors & windows		
Law	Woodwork		
Law	Wall plates	54- 0-6 0-3	6-9-
Law	Brefs Summers	67- 0-5 0-7	16-3-5
Law	Wall plates	101- 0-5 0-3	10-6-3
Law	Rafters to main room	22 14- 0-3 0-4	25-8-0
Law	Corner	4 20- 0-4 0-5	11-1-4
Law	Verandah	4 22- 0-4 0-5	12-2-8
Law	Rafters to	46 16- 0-3 0-4	61-4-0
Law	Do	46 15-0 0-3 0-4	57-6-0
Law			201-4-8
Law	Cane boards (Seak wood)	180-0 0-6 0-1/2	3-9-0
Law	Batten doors with Seak wood	2 3-6 7-	
Law	Do with	7 3- 6-	
Law	Windows Variation with	3 3- 3-	
Law	Do with	1 3- 4-6	
Law	Do with	4 3- 5-	
Law	Swing shutters with pulleys & rope	6	
Law	Lin Ventilator on top of Roof	1	

Excavating foundations & filling in
Superintendence & sundries
H. Cusally
Capt. R. E.
Executive Engineer
M. Rang

Abstract Estimate of the probable expense for Constructing
Overseer, Sheds, or Rest houses.

Quantity	Description of work	For	Rate	Amount	Total amount
147 2/3	Cy of Rough stone in Chumam	Cy	5 8	809 11 6	
138 2/3	Do of Brick in Chumam	Do	5 8	762 10 8	
13	Squares of Plastering 2 Coats of Chumam	Sq	3 5	43 1 0	
49 1/2	Do of white or blue washing	Do	4 3	132 4	
5 7/10	Thatched roof with Bamboo reapers	Do	5	28 8	
17 64/100	Tiled roof to Verandah with bamboo	Do	5 8	97 3	
193 1/2	Flat Archwork for gates	Cy	3 6	425 3	
201-4-8	Cubic feet of Country wood	Do	1 8	302 1 4	
3-9	Do of Seak wood	Do	2 10	9 13 6	
2	Batten doors with Seak wood	Each	19	38	
7	Do " " " "	Do	14	98	
3	Windows Variation	Do	10 8	31 8	
1	" " " " "	Do	15 8	15 8	
4	" " " " "	Do	17	68	
6	Swing shutters with pulleys & rope	Do	4 8	27	
1	Lin Ventilator on top of roof	Do		6	
	Excavating foundations & filling in			10	
	Superintendence & sundries	Cub	5	125 10 2	
				Total	2529

Cook room, godown & Stables
as per other estimate attached
Privy as per
Sub. Secy. of Public Works
Camp, Dattapattinam
30th March 1871
Executive Engineer
M. Rang
9th February 1871
H. Cusally
Executive Engineer
M. Rang
Grand Total 2840
For two similar sets 5680
Total 8520

District Hista

Detailed Estimate of the probable expense for Constructing
Cow room, godown, and stable.

Particulars of work	Length	Breadth	Depth	Cubical Contents
Walls all round	130	2-0	3-0	780
	93	1-6	9-0	1255-6
	28-6	4-6	7-0	299-3
	8-6	1-6	4-6	57-4
Gable wall	15-0	1-0	3-0	45-0
				2437-1
deduct for Doors				60-1
				2377-1
Verandah Pillars	1	4-0	2-0	240-0
	4	1-6	1-6	54-0
Kitchen	1	12-0	2-9	99-0
				393-0
Cy of Raw built in mud				17-5
				9
Raising floor or levelling it, and	1	9	12	108
graveling well	1	12	12	144
	1	28 1/2	6	171
	2	13 1/2	8 1/2	229-6
				652-6
				6-52
				100
Plastering with mud & Cow dung				22
Roofing with Palmyrah leaves and bamboo	28-6	40		1140
reaper				
Wood work	1	87-0	0-5	9-9-9
Wall plates to godown	2	28-6	0-5	11-10-6
Door summer to door		13-0	0-6	22-0-0
Ridge pole to door	27	20-0	0-2 1/2	46-10-6
Door	2	14-0	0-5	5-10-0
Cross beams to door	4	6-0	0-3	2-6-0
Door		10-0	12-6	1-10-6
Planks over door				80-23
Cy of Country wood	2	3-0		6-0
Country wood Batten door				
Excavating & filling in				
Superintendence & Sundries				

H. Anshing Capt. R. E.

Executive Eng. Incharge & Mr. Ray

P. H. 2169/71

District Hietua

Abstract Estimate for Constructing, Cook Room,
Godown, and Stable.

Quantity	Description of work	Per	Rate	Amount	Total Amount
88	Cy of mud walls	Rs.	5	27 8	
14 5/9	D ^o of Raw bricks in mud	D ^o	1 8	21 13/4	
6 52/100	Squares of raising floor or level it and graveling well	Sq.	1	6 84	
22	Squares of Plastering with mud and Cowdung	D ^o	8	11	
11 4/10	Squares of Roofing with Palmyra leaves and bamboo reapers	D ^o	4 8	51 49	
80-2-3	Cy of Country wood	Cy	1 8	120 46	
2	Country wood Battens doors	each	14	28	
	Excavating foundation & filling			5	
	Superintendence & sundries			5	
				139 1	
					285

Executed by
Rang Masulipatam
9th February 1877

H. Quailley Capt R. E.
Executive Eng. Incharge of work

11/11/77
2189

District Hietua Detailed

Estimate of the probable expense for Constructing
Drivay.

Particulars	No	L	B	D	Cubic Contents
Walls	1	37-0	2-0	3-0	222
	1	9-0	1-6	10-0	135
	1	26-0	1-6	7-6	292-6
					649-6
					24 1/8
Cy of mud walls					
Graveling ground					Square 1/2
Plastering with Cowdung and whitewashing					D ^o 5 1/4
Thatched roof with bamboo reapers & ear.					D ^o 9/10
Wall plates		16-0	0-5	0-3	1-8-0
Rafter	5	6-0	0-2 1/2	4-5	2-7-3
					1-3-3
Cy of Country wood					
Excavating & filling in Superintendence & sundries					

H. Quailley Capt R. E.

Executive Eng. Incharge of work
Masulipatam Rang R. D.

Abstract Estimate for Constructing, Pring,

Abstract Estimate for Constructing, Pring,

Quantity	Particulars of an Rs	Rs	Paise	Amount	Total Amount
24-8	Cy of hind walls				
1/2	Sq of levelling floor framing	Cy	5	7	88
5 1/4	Sq of Plastering with	Sq	1	8	
	Corrug & white washing	Sq	8	2	10
9/10	Squares Thatched roof	Sq	5	4	8
4-3-3	Cy of Country wood	Cy	1	8	6
	Excavating & filling in			3	
	Super int endnce & Sundries			1	6
				1	6
				26	

Executive Order of the
7th Range by Kaloon
9th February 1871

H. Wadley Captain R. E.
 Exc. cut in Long. In charge of ^{the} m.
 H. R. H.

No 185

Superintending Engineer
Office 2nd. Div.
Camp Watapollim
30. March 1871.

Colonel J. J. Moberly R.E.
Superintending Engineer and
Colonel C. A. Orr R.E.

Secretary to Government (D. P.)

I have the honor to submit for the sanction
of the Government a plan and Estimate for the Con-
struction of 3 Rest Houses or Overseers Sheds,
within the limits of the Khetwa District amounting
aggregately to Rs 8520, prepared after the
approval of the G.O. No. 87 of 1904
Dumraon. This Estimate will cost
Rs 3480 Sanctioned in G.O. No 929. 22 April 1905
The proposed will be carried out from the
likely to be affected in the Upper Poonah
of Budget Item 82 of the Current year.
I have the honor to be

I have the honor to be
Sir

Your Most Obedt Servant
H. M. S. R.
Superintending Engineer

District District

Abstract Estimate for Constructing Pri

Quantity	Particulars of work
2 1/2	Cy of hind walls
1/2	Cy of levelling floor & frame
5 1/4	Sq of Plastering with Cowdung & white wash
7/10	Sq of Thatched roof with Bamboo reapers peak
4-3-3	Cy of Country wood for carrying & filling in superintendence & sundries

Executed in office
by K. R. Rao
9th February 1871

Enclosures in a letter
from the Supy Depy
& the Secy to Govt
G. P. No 185 of 30th March 1871

P. H. 2169/71

Delivered to the
Estimate for Constructing
3 Rest Houses or quarters
sheds in Eastern Beltho
of Krishna District
Amounting in aggregate
Rupees 8520-

Ex

P. H. 2169/71

No 185

Superintending Engineer
Office 2nd
Camp Vatapollam
20th March 1871

Colonel F. J. Moberly R.E.
Superintending Engineer
Colonel C. A. M. R.E.
Secretary to Government

Enclosures
1 Plan
1 Detailed estimate of Government
estimate
I have the honor to submit for the sanction
of a plan and estimate for the construction of 3 rest houses or quarters sheds
in the Eastern Beltho of the Krishna District amounting
in the aggregate to Rs 8520, prepared after the
plan approved of in G. O. No 929 of 22nd April 1870
for the Government Beltho. This estimate will cover
that for Rs 3480 sanctioned in G. O. No 929 of 22nd April 1870
the works proposed will be carried out from the
savings likely to be affected in the Upper Poolam
Project / Budget Item 82 of the current year.

I have the honor to be
Sir

Yours most Obedt Servant
F. J. Moberly Colonel R.E.
Superintending Engineer

The Rect house sanctioned by
 Co. O. 14. Dec. 1870 further Godown
 Or the works contain
 a Room for the Range Officer
 — Office
 — an overpass
 — Stores
 with two bath rooms and a
 veranda 10 1/2 ft wide along the
 front of the house.
~~and has a kitchen~~ In a detached
 building are kitchen godown and
 stable under one roof.
 Estd Cost at Kistna rates Rs 2840 -

The building sanctioned by Co. O.
 2 April 1870 further Kistna contains
 one room for the officer or overseer
 one for stores
 with a bath room and veranda
 8 ft wide ^{along the} front & part of the back
 of the house - walls only 1'-2" thick
 no kitchen or stable -
 Estd Cost Rs. 1160 -

To put up 1870
 1871

P.M. 1871
 1872
 1873

Head of Engineer
 and Division

to the Secretary
 to Government

Dated 20 March
 1871

to the Secretary
 to Government
 for the purpose of
 sanctioning a plan and
 estimate for building
 to replace 8500 ft of
 Conducing & Road
 houses & quarters
 in Co. O. District of
 Co. O. for the purpose
 of building a bridge
 over the river in the
 Co. O. District of
 1871

P 11 Sept

C/

Proceedings of the Madras Government.
Under date the 11th May 1871
Read the following

From the Chief Engineer } A.E. No 109 of 19 May 1871.
for Irrigation

The estimate
amounting to Rs 8520
submitted by the Super-
intending Engineer of
the 2nd Division for
constructing Resthouses
at Kaldiudy Slopadu
and Cowtarum on the
design approved of by
Government in Proce-
ding dated 14th Dec^r
last is sanctioned.

Before incurring
any expenditure under
this sanction Colonel
Inkerly will report
the

I don't see the least
connected with the
one. Until the
is proved to me for the
more shown: I don't
with hold my assent
-N?

Rest houses
Kistna & Godavari

the amount of savings
expected on the Poolair
Project. furnishing at the
same time the particulars
indicated in the con-
cluding paragraphs
of the Acting Chief Engineer's
note.

M.

J.

To.
The Sup^r Engr. 2^d Secy
" Controller P. W. Acty
" Asst Engr. for Irrig.

15 May 71

No. 1450 A. P. W. D. 23rd
Proceedings of the Madras Government
Read the following
from the Sup^r Engr. 2^d Secy (H. E. No. 155 of 30 March 1871)
" The Asst Engr. for Irrigation (H. E. No. 109 of 9 May 71)

On a reconsideration
of the question of rest houses
or Overseers' sheds the
Govt are of opinion that
the plan which was sanc-
tioned in P. O. No. 929
of 2^d April 1870, provides
sufficient accommodation
for the purpose, and they
request to adhere to the
arrangement given in that
order for the District
District.

To.
The Sup^r Engr. 2^d Secy
" Asst Engr. for Irrig.
Dec 21/71

J. June 9th

[Faint, mostly illegible handwritten notes on the left margin, possibly including names and dates.]

1/2 01
 601 of 1871 Dated.

PUBLIC WORKS.

To the Superintendent Engg.
 2^d. Division

Dated

Recd

5
 one Plan
 G.O. 19th Dec 1871, No 1550 A

Nos. 334 @ 336

[Handwritten notes in the center, including:]
 The plan of the
 road in the
 station of the
 Eastern District
 of the
 of the

601 of 1871 Dated