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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	1265- (2)	Press
B.P. No.		Mis.
Dated	11 - 5 -	195
		6874

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
11th May 1874.*

Read the following papers:—

No. 252. From Major J. O. HASTED, R.E., District Engineer, Kistna, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Nandigama, 28th February 1874, No. 121.

I HAVE the honour to submit revised estimates and comparative statement for make-shift head sluices to supply-channels in Divi Island, together with letter* from the Range Officer on the subject.

5 Plans.
5 Detailed and Abstract Estimates.
1 Comparative Statement.
1 Data of rates.
* Copy, No. A, of 29th January 1874.

2. Some time back the Range Officer sent me in revised estimates

which I returned to be more carefully considered, and I then learned that the original estimate was framed hurriedly and without proper measurements. The present estimate was prepared after your late visit to one of the works, and I believe provides for carrying out the works satisfactorily.

From Lieutenant D. McN. CAMPBELL, R.E., Officer in charge of 7th or Masulipatam Range, Kistna, to Major J. O. HASTED, R.E., District Engineer, Kistna, dated Masulipatam, 29th January 1874, Extra No. A.

I HAVE the honour to forward revised estimates and plans for the shift sluices in Divi, together with a comparative statement. The estimates are prepared in accordance with the instructions given by the Chief Engineer for Irrigation when he visited Divi. The rates allowed in the original estimates were altogether insufficient; it is found that the stone must be unloaded from dhonies at a considerable distance from the sites of the work. The amount allowed for earthwork was much too little; and as no good palmyra trees can be obtained near the sites of the work, the cost of carting them is increased.

No. 259.

No. 253. *Note by the Chief Engineer for Irrigation.*

IN G. O. of the 19th September 1871, No. 2,385, an estimate, amounting to Rupees 6,700, was sanctioned for 24 temporary or make-shift head sluices for enabling the Divi ryots to prevent excessive floods entering their inundation channels, and the District Engineer now submits a revised estimate for Rupees 8,209 for these and an additional sluice.

2. The difficulties experienced in transporting stone to the island have been found very great, and the slow progress of the work is due to this cause. I visited Divi in December, and found that the sluices were not being constructed quite in the manner necessary to admit of the water-way being readily closed, and some modifications were considered desirable.

3. I am of opinion that the exceptional circumstances of the locality render the increased estimate a reasonable one, and its sanction is accordingly recommended.

TANJORE,
31st March 1874.

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 254. ORDER THEREON, 11th May 1874, No. 1,265.

IRRIGATION, No. 20.

THE revised estimate, amounting to Rupees 8,209, for constructing temporary sluices at the inundation channel

12

*Proceedings of the Madras Government, Public Works Department,
11th May 1874.*

Read the following papers:—

No. 252. From Major J. O. HASTED, R.E., District Engineer, Kistna, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Nandigama, 23th February 1874, No. 121.

I HAVE the honour to submit revised estimates and comparative statement for make-shift head sluices to supply-channels in Divi Island, together with letter* from the Range Officer on the subject.

5 Plans.
5 Detailed and Abstract Estimates.
1 Comparative Statement.
1 Data of rates.
* Copy, No. A, of 29th January 1874.

2. Some time back the Range Officer sent me in revised estimates

which I returned to be more carefully considered, and I then learned that the original estimate was framed hurriedly and without proper measurements. The present estimate was prepared after your late visit to one of the works, and I believe provides for carrying out the works satisfactorily.

From Lieutenant D. McN. CAMPBELL, R.E., Officer in charge of 7th or Masulipatam Range, Kistna, to Major J. O. HASTED, R.E., District Engineer, Kistna, dated Masulipatam, 29th January 1874, Extra No. A.

I HAVE the honour to forward revised estimates and plans for the shift sluices in Divi, together with a comparative statement. The estimates are prepared in accordance with the instructions given by the Chief Engineer for Irrigation when he visited Divi. The rates allowed in the original estimates were altogether insufficient; it is found that the stone must be unloaded from dhonies at a considerable distance from the sites of the work. The amount allowed for earthwork was much too little; and as no good palmyra trees can be obtained near the sites of the work, the cost of carting them is increased.

No. 259.

No. 253. *Note by the Chief Engineer for Irrigation.*

IN G. O. of the 19th September 1871, No. 2,335, an estimate, amounting to Rupees 6,700, was sanctioned for 24 temporary or make-shift head sluices for enabling the Divi ryots to prevent excessive floods entering their inundation channels, and the District Engineer now submits a revised estimate for Rupees 8,209 for these and an additional sluice.

2. The difficulties experienced in transporting stone to the island have been found very great, and the slow progress of the work is due to this cause. I visited Divi in December, and found that the sluices were not being constructed quite in the manner necessary to admit of the water-way being readily closed, and some modifications were considered desirable.

3. I am of opinion that the exceptional circumstances of the locality render the increased estimate a reasonable one, and its sanction is accordingly recommended.

TANJORE, (Signed) J. MULLINS, Lieut.-Colonel, R.E.,
31st March 1874. Chief Engineer for Irrigation.

No. 254. ORDER THEREON, 11th May 1874, No. 1,265.

IRRIGATION, No. 20.

THE revised estimate, amounting to Rupees 8,209, for constructing temporary sluices at the inundation channel

Proceedings of the Madras Government, Public Works Department,
11th May 1874.

heads of the island of Divi is sanctioned, and the unexpended balance on the 31st March should be applied for in the District Engineer's statement of incomplete works of 1873-74 under Agricultural, Ordinary.

2. The island of Divi being unconnected with the Kistna Delta, the expenditure will be chargeable to works for which no Capital and Revenue Accounts are kept.

(True Extract.)

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Detailed Estimate for Constructing Shift Sluice of Supply
Channel of Machavarum Chinna Tank in Divi Division
of Bundel Talug

Particulars	Number	Length	Breadth	Depth	Cubical Contents
Flooring	1	16-0	10-0	2-0	320 ✓
Side walls	2	10-0	2-0	10-6	420 ✓
					<u>740</u>
					Qd Cubeyards of Packing Stone <u>27 1/2</u>
Palmyrah trees					
For uprights	14				✓
Do Supports	14				✓
Do Longitudinal beams	6				✓
Do Tie Splits 1/2	2				✓
Do Planting Splits	14				✓
Do Hand railings &c	5				✓
Total	<u>55</u>				
Digging holes for uprights &c	28				
Earth work					Cubeyards 300
Superintendence & Sundries					

Detailed Estimate for Constructing a Shift Sluice of Supply
Channel of Padethalunka Tank in Pini Division
of Bundar Talug

1296 of 1873-74

Particulars	Number	Length	Breadth	Depth	Cubic Contents
Flooring	1	24-0	10-0	2-0	480-0
Sidewalls	2	10-0	2-0	10-6	420-0
					900-0
At Cubic yards of stone packing					33 1/3
Palmyrah trees					
For uprights	18				
Do Supports	18				
Do Longitudinal beams	8				
Do Tie Splits	3				
Do Planking Splits	17				
Do Hand Railings &c	6				
Total	70				
Digging holes of uprights & supports	38				
Earthwork					300
Superintendence & Sundries					

Detailed Estimate for Constructing a Shift Shield of Supply
Channel of Hooded Annuity Tank in Division
of Banded Valley

Particulars	Number	Length	Breadth	Depth	Cubic Contents
Flooring	1	220	10-0	2-0	440-0
Sidewalls	2	10-0	2-0	10-8	420-0
					<u>860-0</u> 00
Palmyrah Trees					32
For uprights	18				
Do Supports	18				
Do Longitudinals	8				
Do Tie Splits	3				
Do Planking Splits	16				
Do Hand Railings &c	6				
Total	69				
Digging holes of uprights & supports	36				
Probable amount for Turfing	"				
Earthwork	500				
Superintendence & Sundries					

Detailed Estimate for Constructing a Shift Sluice of Supply Channel of Barodabarapilly Turannah Tank

No. 96 of 1872-73

Particulars	Number	Length	Breadth	Depth	Cubic Contents
Flooring	1	31-0	10-0	2-0	620-0
side walls	2	10-0	2-0	10-0	420-0
					1040-0
Qty of stone packing					38½
Palmyra trees					
For uprights	24				
Do supports	24				
Do Longitudinal beams	9				
Do Tie Splits	4				
Do Hand railings	7				
Do Planking splits	18				
	86				
Digging holes for uprights	48				
Earthwork	300				
Superintendence & sundries					

Witnessed by
Camp & sundries

Enclosure in a letter
No 121 dated 28th Feb/74
from the District Engineer
written to the Chief Engineer
for Irrigation.

Estimate for Constructing
Make Shift head Sluice
in Divi Division of
Bunder Taluk for Rs 8209.

Pg. 7 of 11th May/74
In No. 252.

P. No. 2098/74.
14

Oct 11/74

P. No.

No 259.

15th

Note by the Chief Engineer for Irrigation

Serial 14

In G. O. of the 19th September
1871, No. 2385, an estimate amounting to
Rupees 6,700 was sanctioned for 24 tem-
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excessive floods entering their inunda-
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2 The difficulties experienced in
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3 I am of opinion that the exceptional
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increased

ne 4

Wilmington Smith Co. RR
Cheffingues for Arigation

The Secretary to Government,
D. P. W.

1265 P. W. Department
Proceedings of the Madras Government
Read the following:-

Note by the Chief Engineer
for Irrigation } (H. B. No. 259 of 31st March 1874)

The revised estimate, amounting to Rupees 8209 for constructing temporary sluices at the inundation channel heads of the island of Divi is sanctioned, and the unexpended balance on the 31st March should be applied for, in the District Engineers statement of incomplete works of 1873-74 under Agricultural Ordinary.

2 The island of Divi being unconnected with the Kistna Delta, the expenditure will be chargeable to works for which no Capital & Revenue Accounts are kept.

The Chief Engineer for Irrigation
with the sanction of
District Engineer Kistna
Controller of P. W. Account
with an order
S. Capri despatched to all 20/5/74

W. 1/4/74

W. 1/4/74

Pub. Works 1874, 28th
H. B. No. 259 of 31st March 1874
The Chief Engineer
for Irrigation
to the Secy. Govt.
(P. W. Dept.)
H. B. No. 259

Noted 31st March 1874
Recd 9th April 1874
H. B. No. 14

Note on the revised estimate for works at the head sluices in the Divi island
H. B. No. 1265-11-5-74

Ch. 252

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25254

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Madras
Govt.
Govt. of 1874 Madras.

PUBLIC WORKS.

To

The Secy. for Engrs
The Secy. for Engrs

Dated

Recd.

Encl.

G. O. 11/11/1874, No. 1265-

11/11/74
Nos. 252-254.

Davi Island. Krishna

02 - The revised Estimate
for temporary sluices at
the inundation channel
heads of the — Sand
with instructions —

Encl.