M.R.O. 1—4,002—16 9-48.

(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.	583	(1)	Press
B.P. No.			Mis.
Dated	3 3.	1876.	

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
3rd March 1876.

Read the following:—

No. 236.

No. 42. *Note by the Chief Engineer for Irrigation.*

THE necessity for constructing a head sluice to the supply-channel of the Chintacommudinna Tank, Cuddapah District, has been made out, and the design has been approved subject to certain modifications noted on the plan.

2. The specification, though entering into many unnecessary particulars, was silent as to the way the foundations were to be laid, and this omission has been made good by an addition.

3. The recent expenditure on the tank has been small, Rupees 274, and the average revenue is Rupees 3,050. The estimate for the head sluice is Rupees 1,120.

CAMP, VILOOPPOORAM, (Signed) JOHN MULLINS, Lt.-Col., R.E.,
21*st February* 1876. *Chief Engineer for Irrigation.*

To the Secretary to Government, Public Works Department.

No. 43. ORDER THEREON, 3rd March 1876, No. 583.

IRRIGATION, No. 1-A.
Account.

THE following estimate is sanctioned:—

CUDDAPAH DISTRICT.

Irrigation—Capital—Ordinary.

I.—*Works.*—Chintacommudinna Tank. Constructing head sluice to supply-channel.

C.—Masonry works other than buildings... ... ... Rs. 1,120

Total Estimate... Rs. 1,120

2. This sanction has been registered as No. 17 I. of 1875-76.

(True Extract.)

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

To the District Engineer, Cuddapah, with Enclosures.
„ Collector of Cuddapah.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.
„ Revenue Department.

Exd. S. T. Austin.

Spare Copies

No. 254 of 1875-76. Cuddapah District Engineer's Office Camp Rajaekoly 1st May 1875.

From

The District Engineer

Cuddapah

To.

The Chief Engineer

for Irrigation

Madras

Sir

I have the honor to forward the accompanying Plan, Estimate, Report and Specification amounting to Rs 1190 for constructing a head Sluice of 3 Vents 4 feet each at the head of the Chintacommadinna Channel which feeds the tank in Cuddapah taluq and to request you will obtain sanction for the same for execution from the Irrigation Works grant

Encls 4

2 The necessity for the work is stated in the report and I will merely add that

the breaching of the Chintacommadimma
Bank in October 1878 caused the breaching
of the Ootkoos Bank & damage to the
Railway.

I have the honor to be
Sir
Your most obt Servant

W. Mobey Lt Col RE
District Engineer

Cuddapah
Engineer Office
12th February 1875

From The Assistant Engineer
In charge
Cuddapah

To The Executive Engineer
for Irrigation
Nellore

Sir

I have the honor to forward herewith an Estimate amounting to Rupees 1120 for constructing a Head Sluice of 3 Vents of 4 feet span at the Head of the Chenta Commadinna Channel & Channel & to request that you will move Government to obtain sanction to the same for execution from the Minor Works Grant.

I have the honor to be
Sir
Your Most Obedient Servant
A. Mitchell
Assistant Engineer

Nellore
Dated 15th February 1875

No 2306

From
The Executive Engineer
for Irrigation
Nellore

To
The Chief Engineer
for Irrigation
Madras

Sir

I have received & do myself the honor to forward herewith an Estimate amounting to Rupees 1120 for constructing a Head Sluice of 3 Vents of 4 feet span at the Head of the Chenta Commadinna Channel & Channel & to request that you will move Government to obtain sanction to the same for execution from the Minor Works Grant.

I have the honor to be
Sir
Your Most Obedient Servant
A. Mitchell
Executive Engineer

Nellore
Dated 15th February 1875

No 2306

From
The Executive Engineer
for Irrigation
Nellore

To
The Chief Engineer
for Irrigation
Madras

Sir

I have received & do myself the honor to forward herewith an Estimate amounting to Rupees 1120 for constructing a Head Sluice of 3 Vents of 4 feet span at the Head of the Chenta Commadinna Channel & Channel & to request that you will move Government to obtain sanction to the same for execution from the Minor Works Grant.

I have the honor to be
Sir
Your Most Obedient Servant
A. Mitchell
Executive Engineer

To The Dist. Engr. &c.
Cuddapah
No. 506 of 12th May 1875

No 2354

From
The District Engineer
Cuddapah

To
The Chief Engineer
for Irrigation
Madras

Dated 1st
Recd 3d } May 1875
Recd 5th

Encl 1 Estimate.

Forwards the written mentioned Estimate for amounting to Rs 1190 for constructing a Head Sluice of Chenta commadinna Channel and requests to obtain sanction for the same for execution from the Minor Works Grant.

No 354 Ek. 857
Recd 9 March 1875

No. 306.

Rec'd 15 Feb. 1876

CHIEF ENGINEER 15 FEB 1876 FOR IRRIGATION

From
The Secretary
of Government

Bombay 306

To
The Chief Engineer
Executive Branch
Poona

Sir

Revenue Department

Resolution No. 1120 of 2nd instant
a Report of Public Works
Department for the
Secretary of State's
Sanction to the
Chief Engineer

Rec'd 3 March 76. B.P. 42

No. 504 Memorandum

Memorandum from the Secretary with reference to the letter No 254 of 15th Feb. from the Chief Engineer D.C. Cantonments to request that the following observations on the proposed Land Revenue Chinta Commissioner channel, may receive consideration

1st As to the boundaries of the Estimate

(b). The Establishment will be chargeable to Capital.

(c) The irrigation under which the channel abstracts is probably the same name Hiranto Expenditure will have to be charged

2nd The nature of the soil is said to be sand, and if so the foundations do not appear to be adapted to that soil. Moreover the sand is probably only a superficial soil and there is likely to be the natural soil or stratum of the Country below it.

3rd It is not usually a good plan to put in separate foundations for the piers & abutments & to depart from the [illegible]

and a foot thick under the above M.S.W. sill
a better arrangement.

A rear rough sluice above is usually a necessity especially if the sill be raised, and a width of 4 feet & thickness of 2 feet would be a minimum. Also where the front wings are so designed a small rough sluice above midstream of the works is desirable & 6 feet by 4 feet would probably answer same.

The rear wings act better in turning the current if built as sketched in.

This sluice should be 15½ feet or more between returns and constructed wide enough for a clear opening of 4 feet. If the latter be further 8 feet returns will suffice.

~~2 It should be built~~

5th The sill should be built at least as high as the deepest part of the channel below the sluice should be dredged and should afterwards be marked on the wing.

6th H.W.M. in the stream which supplies the channel is shown at 5.07 feet above the watershed sill level. This should be verified whether this is the maximum

Level known, if so it should be marked M.F.L. & the date of observation stated. The top of the sill is about 3 feet above the water level which it will be necessary to keep up to sufficient margin above maximum flood level

2. It has not been stated to what volume the regulation of the sluice will be entrusted & this should be mentioned

if
sluice
to
to
lan
ing
da
e.
d.
ke
te
ther
).

From Dt Executive Engr
Cuddapah
Rec'd 16 May 1875.

W. 504.

To
The Dist.t Engineer
Cuddapah

Dated 12th May 1875
Disp.d 17th }

Enclosures 4.

Papers
R.R. 857 of 1.st May 1875.

Returns with pre-
-marks the estimates
submitted by him for
the construction of
the Chin.d Sluice to the Chin.
-tacommakdin Channel

Geo. S. Mundy 16/5/75

with necessary explanation
from

P.W. 1479/6.

C.E. No. 306 of 1876

From

The District Engineer
Cuddapah

No. 2306 - 12 February 1876.

Head Sluice at the head of the Chintacommadinna Channel.

S. P.T. Asst
16-2-76

No. 236

Note by the Chief Engineer for Irrigation

Encls 6.

The necessity for constructing a head sluice to the supply channel of the Chintacommudinna Tank, Cuddapah District, has been made out, and the design has been approved subject to certain modifications noted on the plan.

2 The specification, though entering into many unnecessary particulars, was silent as to the way the foundations were to be laid, and this omission has been made good by an addition.-

3 The recent expenditure on the tank has been small, Rupees 274, and the average Revenue is Rupees 3050. The estimate for the head sluice is Rupees 1120.-

Camp at Viloppooram
21 February 1876

Lieut. Col. R.E.
Chief Engr. for Irrigation

To, The Secretary to Government P.W.D.

FORMER CASES.

Current No. of 187 .

" "

" "

" "

" "

LATER CASES.

Current No. of 187 .

" "

" "

" "

M. Works Form No. 3.

Current No. 1479

From The Chief Engr for Irrig:

No. 236
Dated 21 Feb 1876.
Recd 28

Subject:— Note on letter from the D.E Cuddapah forwarding plans &c: & for constg a head sluice to the supply channel of the Chintacommudinna Tank. Cuddapah Dist.

Enclosures. 6

From	to
"	"
"	"
"	"

Orders and Proceedings in file.

Department.	No.	Date.	Endorsements. Department.	No.	Dated.
P.W.D	1968	10.7.75			
"	326	7.2.76			

No 583. P.W. Dept.

Proceedings of the Madras Government
Under date the 30th March 1876.
Read the following.

From The Dist. Engr. Cuddapah - (No. 254 dt 1st May 75)
" Do Do - (" " 2306 " 12th Feby 176)
" The Chief Engr. for Irrigation (" " 236 " 21st Feby 176)

The following Estimate is sanctioned.—

Cuddapah District.

Agricultural - Ordinary - Capital

I. Works - Chintacommudinna Tank - Constructing head sluice to supply channel.—

C. Masonry works other than buildings — Rupees - 1120.

Total Estimate - 1120.

	Ch	
1 Abstr —	1479	
1 Plan —	5 / 1479	
1 Plan —	1 / 1479	
1 Report —	2 / 1479	
1 Specification	5 / 1479	
	4	

To The Dist. Engr. Cuddapah with enc.
" Collector
" Chief Engr for Irrigation
" Ex Controller of P.W.S. Accounts.
" Rev. Dept.
Dispd - 13. 3. 76

† This sanction has been registered as No. 1/1 of 1875-76.

Gen. 24/3

1479

Govt. of 1876 Madras.

PUBLIC WORKS.

To The Dr Engr Buildings &c
Dr Engr

Dated

Cvrd

Rcvd Encl

G. O. 3 March 1876, No. 583

Nos. 42 - 43

Omit recommending Estt
Estimate herein Rs ——
The Estimate for Rs 1120
for Construction is based
Upon the Supply Estimate
Work of the —— Sanctioned