

- (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.	969-70 (9)	Press
B.P. No:		Mis-
Dated	11. 4.	1876.

Not to be folded or roughly handled

No. 227. Read the following endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 30th March 1876, No. 28 W.:—

From Lieutenant C. B. HENDERSON, R.E., Assistant Engineer in charge of the District, Nellore, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Nellore, 21st February 1876, No. 104.

In compliance with your No. 120, of the 28th January 1876, I have the honor to forward the required information.

2. If an officer be specially deputed for the work, the revised estimate might be submitted in a month.

State of the Revised Estimate for the Survapully Project at the death of Mr. R. Smith.

MAIN HEADS.

1. Constructing auxiliary head sluice and enlarging old channel and deepening the main feeder from the existing head sluice to the head of Survapully channel.

2. Constructing regulating sluice at the head of Jaffer Sahib's channel.

3. Deepening Survapully new cut and improving old Ramireddy channel.

4. Excavating Survapully channel and constructing the necessary irrigation and drainage works connected with it.

5. Converting the Survapully tank into main reservoir.

STATE OF ESTIMATES, &c.

Revised estimate approved, but not signed. Nothing to be added to estimate.

No revision of old estimate necessary.

a. Estimate for earthwork and revetment has been prepared.

b. Bridge across Survapully channel at Ranganayakulupett. Design and estimate prepared and approved, but not signed.

c. Bridge across Survapully channel at Kondiapalem Ford. Design and estimate prepared and approved, but not signed.

d. Compensation accounts for land have been prepared by Special Deputy Collector.

e. Deepening Kristnapatam channel from head up to Gundlapalem drop. Estimate prepared.

A. a. Excavation of Golagamudi channel. Estimate prepared and approved.

b. Head sluice for do. Plans and estimates incomplete.

c. Iron aqueduct across drainage channel. Plan and estimate sent to Range Officer for execution.

d. Plans and estimates for tunnels. Plans and estimates prepared and approved.

e. General plan of irrigation sluice. Plan and estimate prepared and approved.

B. a. Plan and estimate for syphon near Kaupartypal. Plan and estimate prepared and approved.

b. Aqueduct across surplus channel. Nothing done.

a. Estimate for works to be done to reservoir prepared and approved.

*Proceedings of the Madras Government, Public Works Department,
11th April 1876.*

MAIN HEADS.

STATE OF ESTIMATES, &c.

- b. Deepening and widening Isakapalem drainage channel. Prepared by Range Officer. Constructing aqueduct. Nothing done.
- c. Drainage channel from Pudiparty swamp to Pudiparty tank. Estimate prepared by Range Officer.
- d. Estimate for gravelling top of embankment of reservoir approved.
- e. Improving Sengamreddy drainage channel. Prepared by Range Officer. Plans and estimate for two aqueducts to be prepared.
- f. Main drain and two aqueducts across it at Pottampadu. Estimate to be prepared.
6. Excavating the Idagaly branch channel and constructing the required masonry works.
7. Excavating Velluru branch channel.
- Deepening Idagaly drainage channel. Prepared by Range Officer.
 - a. Improving Puntapalem channel. Estimate being prepared in Range Office.
 - b. Masonry inlet in the left bank at about 1 mile below head. Nothing done.
 - c. Masonry outlet in the right bank opposite to the above into Kalivalapad tank. Nothing done.
 - d. Sluice to supply Kalivalapalem tank. Nothing done.
 - e. Dividing dam below Penubarty sluice. Nothing done.
 - f. Two iron aqueducts across the channel to carry Nellore tank water for Kalivalapad fields. Nothing done.
 - g. Narikalapally drainage channel from old supply channel of Mutukuru large tank to the salt creek. Levels have been taken.
 - h. Compensation statements received.
1. A sketch map of Southern Delta of Pennair has been prepared.
2. Also a sketch of country adjacent to site for proposed bridge at Ranganayakulupett.
3. A statement showing amounts of original and revised estimates partly prepared.
4. A general abstract of revised estimate has been partly prepared.

NELLORE,
21st February 1876.

(Signed) C. B. HENDERSON, Lieutenant, R.E.,
Asst. Engineer in charge of the District.

From J. O'SHAUGHNESSY, Esq., District Engineer, Nellore, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Vencatagherry, 21st March 1876, No. 115.

In reply to your memorandum, No. 5 N. L., dated the 8th instant, I have the honor to report that I do not think it advisable to take Lieutenant Henderson entirely away from the anicut works even for the short period of a month at present; but in addition to the charge of the anicut works, he will be able to assist greatly in the preparation of the revised estimate of the Survapully Project. I therefore propose to take up the preparation of the estimate myself, and, with Lieutenant Henderson's assistance, I trust to be able to submit it at an early date.

*Proceedings of the Madras Government, Public Works Department,
11th April 1876.*

SUBMITTED for the information of Government.

2. Repeated calls having been made for the revised estimate of the Survapully Project, a work connected with the Pennair Anicut at Nellore, the late District Engineer, writing on the 3rd June 1875, reported that it would be despatched before the 10th proximo. On hearing of Mr. R. Smith's death in January last, inquiries

No. 120, 23th January 1876.

No. 104, 21st February.

were made as to the state in which the project had been left by him. The officer temporarily in charge of the district gave a detailed list of the several items of the

estimate showing which were ready and which incomplete, and reported that, if an officer could be specially deputed for the work, the revised estimate might be submitted in a month. It appearing that an officer unacquainted with the delta would, even if deputed, be of little assistance, the District

No. 5 N. L., 8th March.

Engineer was asked whether Lieutenant

Henderson's services could be specially employed on the project, and the correspondence concludes with the District Engineer's letter, No. 115, of the 21st instant, stating that Lieutenant Henderson cannot conveniently be taken away from the anicut works, but that, with his assistance, it is hoped that the estimate will be submitted at an early date.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

No. 228.

ORDER THEREON, 11th April 1876, No. 969.

IRRIGATION, No. 13.

RECORDED.

2. A copy of these Proceedings will be transmitted for the information of the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

No. 229.

(DOCKET No. 970, dated 11th April 1876.)

COPY of the above forwarded to the Government of India in continuation of letter, No. 1,449, dated 26th May 1875.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.
for Secretary to Government.

Exd. A. Grubert.

Spare Copies

2

State of the Revised Estimate for the
Suraipally Project at the death of
Mr. P. Smith.

Main Heads. State of Estimates &c.

1 Constructing an
auxiliary Sloop Sluice
and enlarging old
channel and deepening
the main feeder from
the existing head
Sluice to the head of
Suraipally Channel.

Revised Estimate
approved, but not
signed. Nothing to be
added to Estimate.

2 Constructing Regu-
lating sluice at the
head of Jaffer Sahib
Channel.

No revision of old
estimate necessary.

3 Deepening Suraipally
new cut and im-
proving old Gam-
peddy Channel.

a. Estimate for earthworks
and revetment has
been prepared.

b. Bridge across Sura-
ipally Channel at Pan-
garayathelupett design
and Estimate prepared
and approved but not
signed.

c. Bridge across Sura-
ipally Channel at Konde-
apalem Ford, design and
Estimate prepared and
approved but not signed.

d. Compensation accounts for land have been prepared by Special Deputy Collector.

e. Deepening Kristnapatam Channel from head up to Gundlapalem drop. Estimate prepared.

4. Excavating Sarva-pally channel and constructing the necessary irrigation and drainage works connected with it.

A. a. Excavation of Golaga-mudi channel. Estimate prepared and approved.

b. Head sluice for ditto. Plans and estimates incomplete.

c. How aqueduct across drainage channel. Plan and estimate sent to Range Officer for execution.

d. Plans and estimates for tunnels. Plans and estimates prepared and approved.

e. General Plan of Chugattur Sluice. Plan and estimate prepared and approved.

B. a. Plan and estimate for by pass near Kannaparty pad. Plan and estimate prepared and approved.

b. Aqueduct across Surplus Channel. Nothing done.

5. Converting the Sarvapally Tank into main Reservoir.

a. Estimate for works to be done to Reservoir, prepared and approved.

b. Deepening and widening Chakrapalku Drainage Channel. Prepared by Range Officer.

c. Constructing aqueduct. Nothing done.

d. Drainage channel from Oudiparty Swamp to Oudiparty Tank. Estimate prepared by Range Officer.

e. Estimate for graveling top of Embankment of Reservoir. approved.

f. Improving Singareddy Drainage Channel. Prepared by Range Officer. Plans and estimate for two aqueducts to be prepared.

g. Main drain and two aqueducts across it at Pottempalle. Estimate to be prepared.

6. Excavating the Adagaly Branch Channel and constructing the required masonry works.

Deepening Adagaly Drainage Channel. Prepared by Range Officer.

7. Excavating Kalluru Branch Channel.

a. Improving Puntapalem Channel. Estimate being prepared in Range Office.
b. Masonry built in the

left-bank at about 1 mile below head. Nothing done.

c. Masonry outlet in the right bank opposite to the above into Kalivalapad Tank. Nothing done.

d. Sluice to supply Kalivala-palem Tank. Nothing done.

e. Dividing dam below Penubarty Sluice. Nothing done.

f. Two stone aqueducts across the channel to carry Mellore tank water for Kalivalapad fields. Nothing done.

g. Marikra's ally drainage channel from old supply channel of Mutukurum large Tank to the Salt Creek. Levels have been taken.

h. Compensation statements received.

1. A sketch map of southern Delta of Pennair has been prepared.

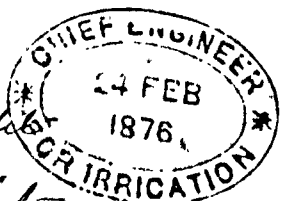
2. Also a sketch of country adjacent to site for proposed bridge at Punganaya Kulupett.

3. A statement showing amounts of original and revised estimates partly prepared.

4. A general abstract of revised estimate has been partly prepared.

Mellor
21st February 1876

A. B. Henderson
Asst Engineer in Charge of the D.



Ces 39/4/76

21st Feb 1876

No. 104

District Engineer's Office,
Mellor 21st February 1876.

From, Lieutenant J. B. Henderson, P. E.

Assistant Engineer in charge
of the District, Mellor.

To, Lieutenant Colonel J. Mullins, P. E.

Chief Engineer for Irrigation,
Fort Saint George.

Sir, In compliance with your

No. 120 of the 28th January 1876 I
have the honor to forward
the required information.

If an Officer be specially deputed for the work, the
Revised Estimate might be submitted in a month.
I have the honor to be

Sir.

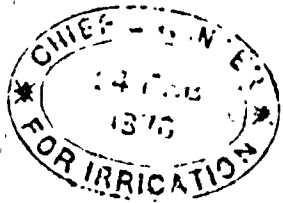
Your obedient servant,
A. B. Henderson, Lieut. P. E.

Assistant Engineer
in charge of the District

Q. B. C.

2 D.R. Kellie, N. 5 H.L. 1793/76.

C.E.'s No 394
Ref.



M. 2458/76.
2/76.

From the Assistant
Engineer in charge
of the District
of S. D. Kellie
the Chief Engineer
for irrigation
of the District
of S. D. Kellie
dated 21st February 1876.
Sent 22nd id.
Per D. H. M. Baker.
Forwarded as
per memo showing
the state of the
revised Estimate
for the above
project at the
Office of the District
with reference
to the 120 sheet
28th January 1876.

No 115

District Engineer's Office
Camp, Veneatagherry
21st March 1876.

From
J. O'Shaughnessy Esquire,
District Engineer of
Ireland.
To
Lieutenant Colonel J. Mullins R.E.
Chief Engineer for
Irrigation,
Fort St. George.

Sir,

In reply to your memorandum
No. 5 H.L. dated the 8th instant, I have
the honor to report that I do not
think it advisable to take Lieutenant
Anderson entirely away from the
Ancient works, even for the short period
of a month, at present, but in addition
to the charge of the Ancient works, he
will be able to assist greatly in the
preparation of the revised Estimate
of the Surwability project. I therefore
propose to take up the preparation

of the Estimate myself, and with
Lieutenant Henderson's assistance,
I trust to be able to submit it, at
an early date.

I have the honor to be,

Sir,

Your most obedient servant

Wm. H. Smith,
District Engineer.

1305

N:287

Page 3

Encls 3

Submitted for the information of Government.

Repeated calls having been made for the revised estimate of the Irrigability project, a work connected with the Pannair amant at Atallare, the late District Engineer, writing on the 3rd June 1875, reported that it would be despatched before the 10th Proximo. On hearing of Mr. A. Smith's death in January last, inquiries were made as to the state in which the project had been left by him. The Officer temporarily in charge of the District gave a detailed list of the several items of the estimate showing which were ready and which incomplete, and reported that, if an officer could be specially deputed for the work, the revised estimate might be submitted in a month. It appearing that an officer unacquainted with the

N:120 - 28th
Jan'y 1876

N:104 - 21st
Feb'y

Clk' Pro H. Ad.
Rydr.



M. 2455/96.

From,
The District Engineer
at Bellare
To,
The Chief Engineer
for Irrigation,
Madras.

Dated 21st March 1876
Desd 22nd do
Cc &

No 115

In reference to memo-
randum No 5 M.E. of 8th
instant, informs that
the preparation of the
revised estimate of the
Irrigability Project
will be taken up by
himself with the assistance
of Civil Engineer A.E.
He would be able to submit
it at an early date

To for P. M. N. 1158. D 30/1/76.

Delta would, even if deputed,
be of little assistance. The
District Engineer was asked
whether Lieutenant Henderson's
services could be specially
employed on the project, and
the correspondence concludes
with the District Engineer's letter
No 115 of the 21st Instant, stating
that Lieutenant Henderson
cannot conveniently be taken
away from the arduous work,
but that, with his assistance,
it is hoped that the estimate
will be submitted at an
early date.

No 512-8
Main

Wm. L. Williams
Chief Engineer for
Irrigation

Fort St. George

30th March 1876

The Secretary to Govt
P. W. D.

Cour. S. B. A.

6024th Jan'y/73 No 193 + 194.
 - 10 - Nov .. - 2812 + 2813
 - 5 - Feb'y/74 .. 289.
 - 26 - May/75 .. 1448 + 1449.
 - 12 - June .. - 115
 Memo: No 787 - May/75

1875 Sept.
 No. 2455

From
 The Chief Engr.
 for Irrig.

Dated 30th March
 Recd. 4th April 1876.

E. 2. / No. 28W.

Regarding the pre-
 parations of the re-
 vised Estimate of
 the Survapilly Project.

E. I. Form No. 22.

No 969.
 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 11th April/76

READ the following:—

From
 The Chief Engr. for
 Irrigation } (H.C. No. 28W dtd 30th March/76)

Recorded.

A copy of these
 Proceedings will
 be transmitted for
 the information of
 the Government
 of India.

W. 3/4
 (H.C. No. 970 dtd 11th April 1876.
 Copy of the above for-
 warded to the Government
 of

H. S. K. H. G.
 Secy to Govt.
 1876

N-227

Am 7-4-76.

of India in continuation of
letter N^o 1449 dated 26th
May 1875.

copy of
Forwarding Process:
since passed on Endorse-
ment of the Chief Secy.
for Secy. submitting
papers regarding the
preparation of the revised
Estimate for the Sewer-
age Project in the
Mellane Div.

N^o 227-229

Aug 4-76

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Col. of 1876 Madrid
PUBLIC WORKS.

No 14
13 B. Bellon

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11th April 1876 967
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227-228
229

Survival Project
Bellon Diets. - Endorsement
of the Chief Ins. for Surv.
Smelling papers regarding
the preparation of the re-
cord Estimate for the
recorded -

1876
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