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(1) Number of pages 18

(2) Date of repair 24-1-1973

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

REVENUE DEPARTMENT

G.O. No. / ~~B.P. No.~~	1567-A	Press / Mis.
Dated	26-4-1877	~~197~~ .

Not to be folded or roughly handled

Famine Relief.

No. 654A. Read the following Proceedings of the Court Wards, dated 16th April 1877, No. 1,692 :—

Read the following letter from J. LEE-WARNER, Esq., Special Assistant Collector, to W. McQUHAE, Esq., Collector of Madura, dated Ramnad, 29th March 1877, No. 102.

WITH reference to your foot-note No. 25, dated 18th March 1877, to the Court's Proceedings, dated 12th March 1877, I have the honor to submit an original letter of Assistant Engineer Mr. Arbuthnot and estimate for remodelling the lower end of the Ragunatha Cauvery Channel from the 46th to the 60th milestone of the old survey. Mr. Arbuthnot's figures fall below the estimate of the Special Overseer; and in the completion of the remaining section it is hoped that a yet further saving may be effected. All the section, of which I now send in the abstract estimate, is ready for labor; but we have not more than 450 persons working at present, and even these work in the most independent fashion, throwing down their spades for a feast or a fair without giving the least notice of their intentions. Those who know the habits of the people predict that about the end of April the Maravers, &c., who have emigrated *en masse* for the lower parts of Tanjore District and Combaconum, will be returning to their homes, and that these will come upon the work gladly; but this is all guess-work. I have made my own inquiries in at least fifty large villages in the last fortnight; and the old women left in charge of the houses know neither where their young men and women now are or what they will do when they return. I have, therefore, contented myself with making it widely known that work is to be got if they choose to inquire for it.

No. 50.

SUBMITTED for sanction. I believe Mr. Lee-Warner is doing this work on piece-work, and the number employed is small nor is it likely to increase much unless the emigrants return.

MANAMADURA,
3rd April 1877.

(Signed) W. McQUHAE,
Collector.

ENCLOSURE No. 1.

From J. ARBUTHNOT, Esq., Assistant Engineer, to J. LEE-WARNER, Esq., Special Assistant Collector, Ramnad, dated Kodambaddy, 24th March 1877, No. 34.

I HAVE the honor to forward the estimate for the lower part of the Ragunatha Cauvery Channel, starting at the 46th milestone of the old survey and ending at the calingulah of the Kalair tank, mile 60 chain 15. Taking the maximum discharge at the head at Comidi as given before at 4,700 cubic feet per second, the mean will be 2,350 cubic feet per second. Of this, 1,743 cubic feet per second will be required to water the land (10,500 cubics) dependent on the channels north of and including Siripothna little south of which the present line starts. There will then remain for tanks south of Siripothna discharge of 600 cubic feet per second. The bed work of the new channel from Siripothna to Sikal main channel is 30 feet, a mean depth of 5 feet of water can be obtained at the head; the fall is 3·5 feet per mile. This gives a mean velocity of

3·75 feet per second, and a discharge of 356 cubic feet per second; this section is then simple. The Sikal channel requires 300 cubic feet a second; this leaves 300 cubic feet per second in the main channel. The bed width is reduced to 20 feet fall per mile, 3·5 feet depth of water 4 feet M. V. in 3·15 and D. is 302 cubic feet per second. The next alteration is at the take-off of the Sikal south channel; 100 cubic feet per second is required here, leaving 200 in the main channel. The bed width is reduced to 15 feet depth of water 4 feet fall, 3·5 feet per mile M. V. is 2·8, D. is 220 cubic feet per second. The last change is made at the take-off of the Yedambadal channel, 100 cubic feet per second is parted with here. Leaving 100 cubic feet per second to flow into the Kalary tank at the end. Bed width has consequently been reduced from 15 to 10 feet. The channel is capable of holding double the amount of water as shown throughout, as a good bank, 20 feet wide at top and 4 feet high on the south side of the channel, is being made from the spoil taken out of the channel. I have not sent the section, as I do not think it is necessary; as soon as the survey of the whole line is finished, a complete section can be sent.

ENCLOSURE No. 2.—Estimate.

THE estimate for remodelling the lower end of the Ragunatha Cauvery Channel, amounting to Rupees 27,700, is approved.

2. It is clear that there is no present need for relief works in that neighbourhood on a large scale, but employment will be available whenever necessity arises. The Court desire to be informed what other works are in progress in the Ramnad estate.

(True Copies and Extract.)

(Signed) C. A. GALTON,
Sub-Secretary.

No. 654B. ORDER THEREON, 26th April 1877, No. 1,567A.

Irrigation, No. 4B. RECORDED.

(True Extract.)

(Signed) J. H. GARSTIN,
Additional Secretary to Government.

To the Board of Revenue.
,, the Financial Department.
,, the Public Works Department.

Exd. A. F. Goodall.

Dated April 26th.

Read.

Treasury Chambers, Office of the Board of Revenue, Proceedings of the Board of Revenue regarding the estimate for remodelling the lower end of the —

GENERAL RELIEF, No. LOCKS.

APRIL.

Nos. 654A-654B.

G.O., 26th April 1877, No. 1,567A.

Govt. of [1877] Madras

REVENUE.

To

The BOARD OF REVENUE,

&c., &c., &c.

Read.

Encl.

No 34

Assistant Engineer Office

Capt. Kadambur 7th April 1877

To

The Special Assistant Collector

Ramnad.

Sir, I have the honor to forward the estimate for the lower part of the Rayanatha Canal starting at the 46th milestone of the old survey and ending at the Kalingapatti Tank bund 15 chains. Taking the maximum discharge at the head at Comidi as given before at 4700 Cft per second the mean will be 2850 Cfeet per second. Of this 1743 Cft per second will be required for watering the Lands (1050 acres) dependent on the channels

north

north of [illegible] including Kinpotwa
a mile north of which the
present line starts. There still
then remain six banks south
of Kinpotwa a discharge
of 600 cft per second.
The Bed work of the new
channel from Kinpotwa to
Sekal main channel is 30 ft.
& mean depth of 5 feet of
water can be obtained at
the head the fall is 3.5 feet
per mile. This gives a mean
velocity of 3.76 ft per second
and a discharge of 656 cft
per second. this section is then
ample: the sikal channel
requires 300 cft a second.
this leaves 300 cft per second

the main channel.
Bed work is reduced to 20
feet full per mile 3.5 feet
depth of water 4 feet V is
3.15 and D is 302 cft per
second. The next alteration
is at the take off of the Sikal
South Channel 100 cft per
second is required here leaving
the main channel. the
bed width is reduced to 15 ft
depth of water 4 ft fall
3.5 ft. per mile V is 2.9.
D is 220 cft per second.
The last change is made at
the take off of the Jebrain.
Sekal channel 100 cft per
second is parted with here
leaving 100 cft per second
to

Respects with the Halcon
Bank of the East the East
South has consequently been
reduced from 15 to 10 feet.
The channel is capable of
holding double the amount
of water as above Monument
X a good bank 20 feet wide
at top and 4 feet high on
the South side of the channel
is being made from the
spoil taken out of the chan
nel. I have not sent the
section as I do not think
it is necessary as soon as
the survey of the whole
line is finished a complete
section can be sent.

I have &c
(Sgd) Johnston Brunet
(True Copy)

(True Copy)

Wilcox
Sub Secretary

Revenue Department

Proceedings of the Board of Works

Dated 10th Sept. 1877

Read the following Letter

Dated 27th Aug. 1877

From

A. Lee Warner Esqre

Special Asst. Collector

Rammund

To W. McDuhar Esqre

Collector of Madras

Sir

With reference to your

post note etc. 25/18.3.77 to the Board's

Proceedings dated 12th March 1877

I have the honor to submit an

original letter of Assistant Engi-

neer Mr. Isbenthwat and Esti-

mate for remodelling the lower

end of the Rajmatta Canveri

channel from the 4th to the 6th

milestone of the old survey etc.

Isbenthwat requires all below

the

Ex 25/33

Enclosure

Revenue Dept

Proceedings of the Board of Works

Dated 10th Sept 1877

Read the following Letter

Dated 21st Sept 1877 Re 1502

the estimate of the Special
Directors, and in the comple-
tion of the remaining sections
it is hoped that a yet further
saving may be effected. All
the sections of which I now can
in the Abstract Estimate, is
ready for labour; but we have
not more than 450 persons work-
ing at present; and even these
work in the most independent
fashion, throwing down their
spades for a feast or a fair
without giving the least notice
of their intentions. Those who
know the habits of the people
predict that about the end of
April the Mareweo &c. who
have emigrated in quest

for the lower parts of the
District and (probably) will
be returning to their homes; and
that there will come upon the
work gladly; but for all
grave work. I have made
my own enquiries in at least
50 large villages in the last
fortnight; and the observations
left in charge of the homes
from neither where their young
men and women now are or
what they will do when they
return. I have therefore content
-ed myself with making it
widely known that work is to
be got if they choose to en-
quire for it.

I have &c.
(Sd) J. Rea Warner
Spl Asst Collector

Spl Asst Collr's Office
Rhima 29th March 1877

(True

No 56

/ True Copy /

Intimate to send
herewith Mr Collectors
to employ the work on peace work
and the number employed is
small nor is it likely to increase
much unless the emigrant
returns.

Camp Chingleput
3rd April 1877

/ sd/ W. McDonnell
Collector

The Estimate for
remodelling the Lines and
of the Regimental Convey Draw-
rel amounting to Rs 27,700
is approved.

2. It is clear that
there is no present need for
relief works in that neighbour
hood on a large scale but
employment will be available
[illegible]

[illegible]
to

whenever necessity arises. You
[illegible]
cannot desire to be informed
what other works are in progress
in the Ramnad District.

/ True Copy & Extract /
/ sd/ G. et Carter
Actg Secretary

To
The Collector of Madura
with 2 mat. returned.

/ True Copy /

Collector
for Secretary

To
The Chief Secretary to Govt
P.W.

with copy of enclosure

Mc

Rec. 1877 Dept

7 No. 2573

Proceedings of the
Courts of Wards
16th April 1877.

Dept 6

Note. The estimate
is not forwarded

do 15 & 7th

Recd

11/477

26 April 1877

Forwarding
the Estimate for
Rs. 2[illegible] for removal of
the Lower End of the
Raj Mahal Canal
Channel in
Bhadrua District

C19-4-7 12 21-6-77