

(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. 39

(14)

Press
Mis.

Dated 7-5-

1877

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

9th May 1877, No. 39 W.

Buildings and Roads.
Civil Works.

Read the following papers:—

No. 75. Proceedings, Revenue Department, dated 4th April 1877, No. 1,326.
No. 75-A. " " " 21st " " " 1,507.

No. 76. ORDER THEREON, 9th May 1877, No. 39 W.

IN continuation of G.O. No. 1,413, dated 24th April 1877, the Superintending Engineer, Chingleput, will lose no time in taking in hand the systematic clearances of the canals in his district north of the Sheddiancoopum lock, and south from the Adyar river to Sadras, taking care that the expenditure shall not exceed the average annual outlay of the past five years, viz., Rupees 21,821, after deducting the value of the work done and ordered to be measured up in the Government Order above quoted. The Superintending Engineer's attention is called to G.O. No. 702 of the 1st March 1877, and he will take steps to construct a dam at the Elephant Gate Bridge, so that when water is admitted south of the Sheddiancoopum lock, the clearance of the section between the Elephant Gate and Hospital Bridges may be carried out as Government may hereafter decide. He will also take early steps to advertise in the Fort St. George and District Gazettes for tenders for maintaining the canals in question in a navigable condition during the year 1878-79, and, having regard to the localities and the average amount of silting to which experience has shown them to be exposed, divide the canals into certain convenient lengths or sections varying from 3 to 5 miles, specifying the mile stones between which they are situated, and taking as No. 1 section on the Northern Canal that portion lying between the Hospital Bridge and the Boat Basin. The Government approve of the specification for the work proposed by the Chief Engineer, and direct it to be adopted in all tenders for contract for the canal maintenance; and in the clearances now to be undertaken by the Superintending Engineer, he will be guided by the instructions therein laid down.

2. The Superintending Engineer will, however, from the experience gained in the maintenance of past years, and in reference to the grant now fixed, determine and report to Government the proportionate outlay he deems sufficient for each section, reserving two-thirds of such outlay for extraordinary repairs due to exceptional floods or other causes, the cost of which has now been included in the annual maintenance grant.

3. The advertisement for tenders should note that they will be received up to noon of the 31st October 1877, and the Superintending Engineer will submit a schedule of them to Government, stating which he recommends for acceptance.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To the Superintending Engineer, Chingleput.
" Revenue Department.

Exd. E. C. Shunker.
Spare Copies

SPECIFICATION, NORTH CANAL.

THAT the Contractor shall from the 1st March 1877 maintain the bed of the canal in Section No. _____ at a uniform level of one foot six inches above the sill of the Sheddiancoopum lock, the depths representing such level at each furlong stone along the canal being supplied by the Superintending Engineer. That the bed of the canal at the depth specified be maintained with a minimum bottom width of 30 feet, with side slopes of two to one. That the spoil removed from the canal be placed in such convenient localities as may be determined upon by the Superintending Engineer, either for improving the towing-paths or strengthening the embankments, or where it cannot again be washed back into the canal.

That the Contractor shall maintain all towing-paths now existing in the section which he contracts to work. That, as security for the fulfilment of the work specified the payment of the monthly maintenance allowance (Rupees _____) shall be made one month in arrears, that is, provided the Contractor shall have fulfilled the terms of the specification, he shall on the first day of each month, commencing from the 1st of May, receive the sum of _____ Rupees per mile for the number of miles in his section. That the Superintending Engineer shall deal with the Contractor or his representatives, and in case of failure on the Contractor's part to carry out the full terms of his contract, it shall rest with the Superintending Engineer to cancel the contract, and declare the arrears due to the Contractor, or any portion of them, forfeited.

That the Superintending Engineer's decision on the subject shall be final. The specification for the South Canal is to be exactly the same as that for the North Canal, except that the minimum bottom width is to be 20 feet only.

(Signed) E. A. FOORD, Colonel, R.E.,
Chief Engineer, P.W.D.

27th April 1877.

Specification North Canal

That the Contractor shall from the 1st March 1877 maintain the bed of the Canal in Section No. — at a uniform level of One foot six inches above the sill of the Shadden Coppen lock, the depth represented by such level at each furlong stone along the Canal being supplied by the Supg Engineer. That the bed of the Canal at the depth specified be maintained with a minimum bottom ^{width} of 30 feet, with side slopes of two to one. That the spoil removed from the Canal be placed in such convenient localities as may be determined upon by the Supg Engineer, either for improving the towing paths or strengthening the embankment, or where it cannot again be washed back.

back into the Canal.

That the Contractor shall maintain all towing paths now existing in the section which he contracts to work. That, as security for the fulfilment of the work specified, the payment of the monthly maintenance allowance (~~Rs 1000~~) shall be made one month in arrears, that is, provided the Contractor shall have fulfilled the terms of the specification, he shall on the first day of each month commencing from the 1st of May render the sum of Rs 1000 per mile for the number of miles in his section. That the Superintendant shall deal with the Contractor or his representatives, and in case of failure on the Contractor's part to carry out the full terms of his Contract, it shall be dealt with the Supt Engineer.

cancel the Contract, and declare the arrears due to the Contractor, or any portion of them, to be forfeited.

That the Supt Engr's decision on the subject shall be final. The Specification for the South Canal is to be exactly the same as that for the North Canal, except that the minimum bottoming is to be 20 feet only.

267
27/4/77

X. Atty

No. 507

THE SUPERINTENDING ENGINEER,
Chingleput.

Tc

The Chief Engineer
Department Public Works

SIR

I have the honor to request that I may be furnished with a copy of the specification for the work proposed by the Chief Engineer to be carried out in maintaining the canals alluded to in G.O. No. 39 N. dated 9th May 1877.

I have the honor to be
Sir

Your most obedient servant

Humboldt Colonel R.E.
Super Engineer Chief Dept

Roads and Buildings

15th May 1877

No. 1283

From the Super. Engineer
Chingleput Dist.

No 507

Dated 14th May 1877
Rec^d

Maintaining the Canal -
Requests that he may be
furnished with copy of
the specification for the
work proposed by the
Chief Engineer to be
carried out in -

409: May/22 1875

Revenue Dept^l

Proceedings of the Madras Government
Read the following Proceedings
of the Board of Revenue dated 19th April
1877 No. 5710 on letter from Collector
of Chingleput dated 29 March 1877 No.
227.

In continuation of my
letter of the 24th Instant No. 217, I
have the honor to report for the Board's
information that from a statement re-
ceived from the Superintendent of the
Cochran's Canal; it appears that owing to
the very shallow state of the Canal, there
was no traffic whatever & no collection
of tolls during the fortnight ending
Saturday the 17th instant.

Submitted to Government
in

in continuation of the Board's Proceed-
ings dated 2 April 1877 N^o —

Order thereon 21st April 1877 N^o 1507

Communicated to the
Public Works Department in conti-
nuation of G. O. 4th instant N^o —
1326.

Ans 306
did not
separate

(True & Exact)

W. B. Smith

A. G. Under Secy to Govt.

The Public Works Department

Exd: W

11.12.
31877
11.12.77

Communicated to the
Superintending Engineer
Chingleput

11/12
24.4.77

Chingleput

4 April 1877 No 1326.
" " 1130.
1 March " 702.

By G. J. [unclear] 13.12.77

By 30.1.77

*Proceedings of the Madras Government, Revenue Department,
4th April 1877.*

No. 102. Read the following Proceedings of the Board of Revenue, dated
2nd April 1877 :—

Read the following letter from R. W. BARLOW, Esq., Collector of the Chingleput
District, to H. E. STOKES, Esq., Secretary to the Board of Revenue,
dated Saidapet, 24th March 1877, No. 217.

I HAVE the honor to forward, for the information of the Board, copy of a letter,
dated the 17th instant, No. 132, from the Deputy Collector in charge of the Salt
Department, reporting that the canal between Kattiwak and Pulicat is unnavigable,
even for boats without burden.

2. I would address Mr. Woolley, but am not yet aware of the terms of his
contract.

ENCLOSURE No. 1.

From D. V. NARASINGA ROW, Salt Deputy Collector, Chingleput District, to R. W.
BARLOW, Esq., Collector of the Chingleput District, dated Ennore, 17th March 1877, No. 132.

REFERRING to paragraph 2 of my letter of the 15th February last, No. 59, I have the honor to
state that the main canal is so shallow that it cannot admit of the passage of even empty boats, and
the navigation has entirely stopped between Pulicat and Kattiwakam.

2. I came here on the 13th instant and kept the Ennore Bar daily open during the springs of
the new moon, and a small quantity of water ran through the opening into the channels.

3. The additional cost during the last three days was only Rupees 20 per day.

SUBMITTED for the information and orders of Government.

2. The terms of Mr. Woolley's contract have not yet been communicated to
the Board, but they believe that he is now responsible for the clearance of the
main canal.

(A true Copy and Extract.)

(Signed) H. E. STOKES,
for Sub-Secretary.

No. 103. ORDER THEREON, 4th April 1877; No. 1,326.

Separate Revenue, No. 3.

Salt.

REFERRED to the Public Works
Department for orders.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Officiating Chief Secretary.

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

Ed. A. F. Goodall.

P. W. D.
No. 39 W
Proceedings of the Madras Government
Under date the 9th May/77
Read the following

Pro. in the Revenue Dept. (No. 1326 of 4th April 1877)
— do — do — (No. 1507 of 21st —)

In continuation
of G.O. No. 1413 dated
24th April 1877, the
Superintending Engineer,
Chingleput, will lose no
time in taking in hand
the systematic clearances
of the Canals in his
District north of the
Shiddiam Coopers Looch
and south from the
Adyar

LB

AD
2/5

see order
No. 575

Adyar river to Sadras,
taking care that the ex-
penditure shall not exceed
the average annual out-
lay of the past 5 years
viz. Rs 21821, after de-
ducting the value of the
work done and ordered
to be measured up in the
G.O. above quoted. The
Supg. Engineer's attention
is called to G.O. No. 702
of the 1st March 1877
and he will take steps
to construct a dam at
the Elephant gate bridge
so that ^{when} water is admitted
south of the Sheddian Cas-
pium lock, the clearance
of the section between

the Elephant Gate and
Hospital Bridges may
be carried out as Govt.
may hereafter decide.
He will also take early
steps to advertise in the
Fort Saint George and
District Gazettes for
Tenders for maintaining
the Canals in question
in a navigable condition
during the year 1878-79
and having regard to
the localities and the
average amount of silt-
ing to which experience
has shown them to be
exposed, divide the Canals
into certain convenient
lengths or sections varying
from

from 3 to 5 miles, specifying the mile stones between which they are situated and taking as No. 1 section on the Northern Canal that portion lying between the Hospital Bridge and the Boat Basin.

The Govt. approve of the specification for the work proposed by the Chief Engineer and direct it to be adopted in all tenders for contract for the Canal maintenance, and in the clearances now to be undertaken by the Superintending Engineer, he will be guided

by

by the instructions therein laid down.

The Superintending Engineer will, however, from the experience gained in the maintenance of past years, and in reference to the grant now fixed, determine and report to Govt. the proportionate outlay he deems sufficient for each section, reserving $\frac{2}{3}$ of such outlay for extraordinary repairs due to exceptional floods, or other causes, the cost of which has now been included

included in the annual
maintenance grant.

The advertisement
for Tenders should
note that they will be
received up to noon of
the 31st October 1877,
and the Sup^r Engineer
will submit a schedule
of them to Government,
stating which he recom-
mends for acceptance.

Oct 30/4/77

I would say ^{31st} October for
tenders - & let
them run from Jan^y
By 3/5-

S. C. Chingletuk
Gen. Dept.

Desd 9-

5-77-

W. H. H.

Govt. of 18

PUBLIC WORKS.

12/5/11
No. 1. C. Chongkaf

Dated

Issued

Recit.

Encl.

E. O., 9th May 1877, No. 39

Nos. 75-70

Cochranes and Sadras
Canals. The Supplying
Chingleput directed to
take in hand the syste-
matic clearances of
portins of the —

But in 1872

J. D. Allen