M.R.O. 1—10,006—28-2-50.

(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. / B.P. No.	1728	Press / Mis.
Dated	28-6-	1950

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
18*th June* 1875.

Read the following papers:—

No. 417. From Lieutenant-Colonel J. F. FISCHER, R.E., District Engineer, Madura, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Uttamapoliem, 6th February 1875, No. 4,566.

ADVERTING to paragraph 1 of G. O. of the 21st January 1875, No. 179, I have the honor to submit an estimate for another hand-dredge and mud boats, amounting to Rupees 17,840, as required by the Government. This will enable the work to be proceeded with more systematically, but I have great doubts if these means will ever maintain the channel at the proposed depth.

No. 418. From the Controller of Public Works Accounts, dated 23rd February 1875, No. 10,221.

No. 419. From the District Engineer, Madura, dated 5th April 1875, No. 44.

No. 420. Do. do. do. „ 29th May „ „ 730.

No. 421. *Note by the Officiating Chief Engineer P. W. D.*

THE District Engineer has not yet supplied the information called for by this Office Memorandum of the 30th April 1875, No. 462. With a balance of estimate to work out of Rupees less than 8,000 he proposes an expenditure of Rupees 17,840 on dredge and mud boats. It is first necessary to know definitely what work has been really done for the previous expenditure, and how much more remains to be done.

Estimate Rupees 22,810 sanctioned in G. O., 2nd March 1866, No. 721.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Officiating Chief Engineer.

9th June 1875.

No. 422. ORDER THEREON, 18th June 1875, No. 1,728.

CIVIL WORKS, No. 46A.

THE District Engineer, Madura, is informed that the particulars called for by the Chief Engineer in his Note above recorded must be supplied before the Government can consider the question of the proposed increase to the dredging plant.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,
Offg. Joint Secretary to Government.

To the District Engineer, Madura, with Sections referred to in paragraph 3 of Memorandum, No. 462, dated 30th April 1875.

Exd. A. Grubert.
Spare Copies

District Engineers Office

No 4566 Uttamapalliam the 6th February 1875

37

From

Lieutenant Colonel J.F. Fischer R.E.

District Engineer Madura

To

Colonel C.W. Walker R.E.

Secretary to Government P.W.D.

Madras.

Sir,

Encls: 1 / 1 Estimate

Adverting to para 10 of the 21st January 1875, No 179, I have the honor to submit an Estimate for another hand dredge and mud boats amounting to Rs 17,840 as required by the Government. This will enable the Work to be proceeded with more systematically but I have great doubts if these means will ever maintain the Channel at the proposed depth.

I have the honor to be

Sir

Your most obedt Servt

J.F. Fischer Lieut Colt R.E.

District Engineer

Madura

Inland Engineers Office
Trivandrum 29th May 1875

No 730

From

Lieut Colonel J. F. Fischer RE
District Engineer, Madura

To

Colonel G. H. Waller RE
Secretary to Government MD

Sir,

With reference to your Memo of the 30 April 1875 No 1462 and Standing Order of the 27 January 1879 I have the honor to request you will be good enough to inform me if another Hand dredge for which estimates have been submitted is likely to be sanctioned for the use of the Shandan channel opening I beg to add that no

G.O. 24 July 73 No 1876 A
" 2 July 74 " 749
" 6 Nov " 3154
" 21 Jany 75 " 179

P. W. 1875 Despl No 4566

From No 886.

The District Engineer
Madura

To

The Secretary to Govt
Public Works
Department

Dated 6 February 75
Rect 10th

G.O. 1728 dy 18/6/75

Encl 1
Rect Encl C No 7287 dy 1876

Forwards an Estimate for a hand dredge & 2 boats amounting to Rs 17,840 - for Sanction

Memo No 208 d/22nd/2/76.
" " " 624 30/4/76

No 417

are not likely to make any advance
with the single dredge available
and I greatly fear that Government
will be much disappointed by the
results of the estimate now handed
with such a quantity of sand
always moving about and through
this channel it is quite impossible
to keep it clear with a single dredge
even if this had never to go into dock
for repairs.

I have the honor to be
Sir
Your most obedient servant
Charles Vallancey
Captain & Chief Engineer

Rule by Ulick Burke Esq. Provincial Engineer
For District Limerick
Colonel Sir Charles Vallancey
Chief Engineer
Dublin Castle

Rec'd 4

District Engineer's Office
Madras 5th March 1875

To
Lieutenant Colonel J. Hawkins R.E.
District Engineer Madras

Sir

Colonel G. H. Hall R.E.
Secretary to Government P.W.D.
Madras.

I have the honor to forward herewith
for the information of Government
a report from Lieutenant Colonel
Hall on the Madras Pier and Harbour
Project and to request that I may be informed whether another
Plan & Estimate are required for the
final Section of the Channel to be
carried out by Steam Dredging.

2. Should Lieutenant Colonel Hall's
Plan be approved I would request
that the Government Steam Dredger
may be ordered to Madras as soon
as possible after the 15th April
1875.

I have &c.
(Signed) J. Hawkins
Lieut Colonel R.E.
District Engineer

Rec'd 5-5

Letter to Lieut Colonel Hawkins R.E.
District Engineer Madras
dated 3rd March 1875
with Report on Madras Pier and Harbour Project
and Plan & Estimate for Channel Section

Requesting to be informed whether another Dredger is likely to be sanctioned for deepening the Pamban Channel.

No 120

G.O. 1728 dt 18/6/75

Ans: 10/6/75

G.O. No: 3857 dt 5th May 1875

From
The District Engineer
Madras

To
The Secretary to Government
Madras

Madras 25th
May 1875
Received

Requesting to be informed whether another Dredger is likely to be sanctioned for deepening the Pamban Channel.

G.O. 16-6-75 & 16-6-75

G.O. 16 Comp / 74 pp 274-275
" 6 Road / " " 99-100
" 21 Surg / 75 " 373-376
" 9 Com / 73 " 167-168
" 26 Road / " " 1675-1677
" 28 Com / " " 708
" 28 Rev / 72 " 173
" 5 Sept / " " 67-52
" 29 Comp / " " 604-606
" 9 " / " " 139-141
" 12 Com / " " 184
" 7 Fin / 66 " 52-63

The charge used 2¼ lbs to each blast hole for too small and the Dredge very inefficient as noticed by Mr Robertson & had the charge increased to 3 lbs at once and the Overseer reports that these have been far more successful and he has been ordered to increase them ½ lb at a time to 5 lbs and report the results. He has been instructed also to conduct the blasting so as to blast out as uniform a channel as possible and if necessary will be instructed at once as much the same design as the Board & hand no doubt we shall be able at last to make something of this work which has now been in hand over 30 years.

I have the honor to be
Sir
Your most obedient
Wm. Hutchison Lieut Col
Royal Engineers Secy

No 462 137

Fort St. George
30th April 1875

Memorandum

Letter from the Dist. Engr.
Madras No 44 of the 5th
April 1875.

It is desirable that the
present condition of the
Channel should be contrasted
with its state at some definite
previous date, in order that by
comparing the expenditure in
the interval with the work done,
notably the extent of that work,
& the cost may be approximately
Calculated. It will then be
possible to form some idea as
to whether the balance of the
estimate of Rs 22810 sanctioned
in G.O. No 721 of the 2nd March
1866 will be sufficient to carry
out

No 462
Fort St. George
30th April 1875.

Memorandum

Letter from the Dist. Engr.
Madras No 44 of the 5th
April 1875.

It is desirable that the present condition of the Channel should be contrasted with its state at some definite previous date, in order that by comparing the expenditure in the interval with the work done, notably the extent of that work, & the cost may be approximately Calculated. It will then be possible to form some idea as to whether the balance of the estimate of Rs 22810 sanctioned in G.O. No 721 of the 2nd March 1866 will be sufficient to carry

out the work as originally intended, that is, to excavate to a uniform depth of 14 feet at low water.

2. It would be most convenient to select the date of sanction given above as that which should limit the interval of comparison, and, if the District Engineer has amongst the records of his office, sections, showing the depths at that date at various points, they should be plotted on the sections recently prepared, and the quantity of excavation dredged out in the interval should be recorded.

3. The proposed line of bed should also be shown on the sections and the quantity still requiring to be taken out should be stated.

4. If there should be no record of the depths of the Channel in February or March 1866, the nearest date at which measurements were taken should be selected for comparison, and the expenditure between that and the present date should be given.

(By Order)

(Signed) A. de Lert Brayon R.E.
Under Secy. to Govt. N.D.

To The District Engineer
Madura.

154

Note by the Chief Engineer P.W. Dept.

The District Engineer has not yet supplied the information called for by this Office Memo of the 30th April 1875 No. 462. With a balance of estimate to work out of Rs. 5,000 he proposes an expenditure of Rs. 17,840 on Dredge and Mud boats. It is first necessary to know definitely what work has been really done for the previous expenditure and how much more remains to be done.

Asst. E.
7-6-75.

N.B.
Est.: 22 810. Sanctioned in
G.O. 2nd Mar.: 66 No. 721.

GO. 16th June/75
No. 1728.

Civil Works. Public Work Dept.

Proceedings of the Madras Government

Under date the 1875

Read the following

From

The Dist: Engr. Madura (H.C. No. 4506 of 6th Feby. 1875,

" Contr. P.W. Accounts (" — " 10221 of 23d — " — ")

" Dist: Engr. Madura (" — " 44 — " 5th April — ")

" —— do —— do — (" — " 730 — " 29th May — ")

Note by the Chief Engr. P.W.D. (" — " —— " 9th June — ")

G.O. No: 1728 of 18th June/75-

The District Engineer Madura is informed that the particulars called for by the Chief Engineer in his Note above recorded must be supplied before the Govt. can consider the question of the proposed increase to the dredging plant.

Asst. Sd

To, The Dist. Engr. Madura with sections referred to in para 3 of Memo No. 462 of 30th April 75 (1st Endt. on Endt. C. No. 7287 of 18th)

Rec'd 3-7-75

G.O. 1728 dy 18/6/75.

Vide proceedings 16-6-75

886
1210 Inclosg.
2307
3857
Ch. Engr's Memo:

Govt. of [1873] Madras.

PUBLIC WORKS.

To

D. E. Chadwick

Dated

Issued.

Read. Encl.

R. O. 18 June 1873. No. 728

Nos. 417-422

Increase to the dredging Plant, Madura. — The Dist. Engineer informed that the particulars called for by the Chief Engineer in his Note must be supplied before the Government can consider the question of the proposed ——.