

IV 8

Please insert
the sketch in the
accompanying fair
copy of Pros: to the
S.E. IV Cuck and return
it to me.

W. H.

24/7

HC

Herewith

The 25. VII.

3
File
and
7/5

No 1839 W & 25 July 1895

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Presidency Port Officer, Madras, No 179 Gd/11 June 1895
Endorsement thereon in the Marine Deptt No 1448 d/24 June 1895
note by the Chief Engineer No 137-7-95

The estimate amounting
to Rs 2,490, for raising the level
of the Cruz Milagra Dam at
Cochin in the Malabar District,
is returned to the Suptg. Engineer,
IV Circle, for sanction and execu-
tion on funds, as shown below,
being made available by the
Financial Department:

Works	Rs 2,490
Establishment	573
Tools and Plant	37
Total	Rs 3,100

The S. E. IV Circle with 6 encs

- Examiners P. W. Accts
- Marine Deptt
- Financial Deptt

2. Attention is drawn to the
note by the Chief Engr. also sent.

C. S. 12/50

Raising the level of the Cochin
railroad down at Cochin

No 1839 W. 25 July 1895

T. H.

B. C.

~~15.11.95~~

6.29/7.

No. 1839 W of 25th July 1889

W

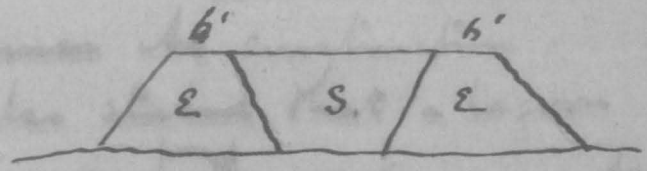
Memorandum for raising the level
of the Craig Milage Dam

R^s 2490

Note to the Chief Engineer

The dam is proposed to be raised
with earth at the rate of 11^s 10 per
1000 cubic feet and the top
width allowed varies from 30
to 80 feet. The 2^d of a top width
of 30 feet is sufficient ^{from} CSW
to CSW 2^d where the erosion has appar-
ently been greater it will do
throughout the cost of the
work considerably reduced.

(2) The cost of the work might also
be reduced by forming banks of
earth E. E. on both sides &



filling in the interior with
sand. There is no water
pressure against the bank
and the way of raising it
would probably be effected

W^m yes
11/7
But the
to the
the
bit
not

CURRENT No. 44

P. M. CURRENT No. 4915

Marine (1895) DEPARTMENT.

End No. 1448

From
THE PRESIDENCY PORT OFFICER,
Madras,
To
THE CHIEF SECY. TO GOVERNMENT,
MARINE DEPARTMENT,
Fort St. George.

H.E. The Governor
w
23 June
Approved and
transferred to the
Public Works Dept.
Ludrichie
Chief Secretary

No 1495W of 19-6-95

No. 179
149 G

Dated 11th } June 1895
Received 13 }
Recd 15th }
Encls: 4
+ 2 plans
No.

CHIEF SECRETARY
GOVERNMENT OF MADRAS
13 JUN. 1895

gdb.
19/6/5.
Recd 22-6-95
Encls 6 (2 plans)
Detained }
24 June 1895 }

To the P. W. D. (with plans.)

Rec 25/6/95

Subject.

Forwarding for sanction
an estimate for Rs.
2490 for raising the
Bund of the Cruz Milagru
Dam at Cochin.

Transferred

4492

Transamination
C. H. M.
25/6
5/163 0
A 9/7 sent again 15/7
20/7

No. 1839 W 8 25th July 1895

Public Works Department.

Current No. 4915

Letter No. 1448

Dated 24th June 1895

From the Marine Department

NOTE BY TECHNICAL SECTION.

Name of work Raising the level of the
Cruz Milagros Dam at Cochim.

Amount of Estimate Rs 2490

In the report accompanying
the estimate it is stated that
the Cruz Milagros Dam is con-
structed across a breach for-
med by the sea many years
back & that the High tide
mark is higher than any
part of the dam, which has
probably settled considerably
since its construction. It is
also stated that a lagoon
exists to the west of this dam
& beyond this lagoon a stretch
of sandy beach; further it is
reported that this sandy beach
is liable to erosion at any
time & thereby breach into the
lagoon & overlap the dam
& breach into the back water.

It is therefore proposed
to raise this dam to +34'00"
which is stated to be higher
than the High tide mark.

The estimate provides for raising
the dam to level + 34.00 with
side slopes 1/2 to 1 & covering
the left side of the escape
with rough stone for a length
of 90 feet.

The rates are fair & the
estimate is in order.

The estimate being within
the sanctioning power of the
SE IV Circle, it may be re-
turned to that office for
sanction & execution.

8.11.55