MRO 1—10,006—28-2-50

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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. 2481 - 2481A Press
~~B.P. No.~~ ~~Mis.~~

Dated 18 — 9 — 1876 ~~195 .~~

Not to be folded or roughly handled

No 184-W.

No. 270.

MEMORANDUM

THE District Engineer, Godavery, has submitted estimates for raising and strengthening the Godavery embankments, and as owing to certain of the data on which the estimates have been based requiring further explanation, it may be some little time before these can be laid before Government for sanction, it may be of advantage that the amounts of the estimates should be reported to Government in connection with the remarks of the Government of India in the Budget

Paragraph 14.

ordexs of 1876-77 on the provision of Rupees 30,000 made in the Budget on account of this work.

2 The estimates for *works* are as follow —

1*st*—From Rajahmundry to Yanam on the left bank of the Godavery above the anicut and of the Gowtami Godavery below the anicut, a distance of $43\frac{5}{8}$ miles . . . Rs. 43,200

Earthwork of the value of Rupees 4,800 has been assumed to be available from the excavations of the Bank canal now in progress, and further information as to the correctness of this estimate has been called for

In addition part estimates have already been sanctioned, viz, raising a wall in front of the Dowlaishweram Workshops, G O, 12th June 1875, No. 1,665 . „ 1,368

Raising the banks from 5 miles above to 5 miles below the anicut, G O, No 2,174, 27th July 1875 . „ 7,890

Total for *Works* „ 52,458 above anicut, Rs 8,835

below do „ 43,623

The embankments are intended to be 4 feet above maximum flood level and 12 feet wide at top. For the embankment above Rajahmundry to the limits of spill from the river at Purushottapatnam,

Proceedings of Madras Government, No 708, 18th March, 1876.

estimates have been sanctioned and are under execution, the cost with a road in conjunction being estimated at Rupees 1,25,110, of which the amount due to the embankments only and chargeable to Imperial Funds is . Rs 83,185

2*nd*—Eastern embankment of Central Delta forming right bank of Gowtami Godavery for 37 miles, and of Vrida Gastami for 12 miles In the first mile below the anicut no embanking is required . Rs 68,000

embankments 4 feet above M.F.L, and 9 feet wide at top.

3*rd*.—No estimate has as yet been rec eived for the western embankment of the Central Delta on the left bank of the Vasista Godavery or for those of the Vamtayem Godavery.

4*th*.—Right bank of Vasista Godavery in Western Delta.

From 0 to 35 miles ... Rs. 42,700
„ 35 to 45 „ „ 34,600
77,300

embankments to be 4 feet above M.F.L and 9 feet wide at top

The longitudinal section shows the emb ankments in the lower 10 miles to be generally in a very insecure state, and it is re ported that from 43¾ to 45 miles they have for the most part either already fallen o r are about to fall into the river owing to recent erosion, and that as it is very nec essary that this part should be recon-structed before the big freshes of the year come down, the District Engineer has authorized this part of the work to be proceed ed with at once. He has been instructed to see that the alignment chosen is in all respe cts suitable to a permanent arrangement

3. The District Engineer proposes to d ivide the 30,000 Rupees entered in the Budget for the improvement of the embankm ents generally into four equal parts for the section above the amcut, and for the th ree sections of the delta, and to use the money in raising the portions of the banks which are at present most dangerous Very little, if anything, can be done before t he high freshes of this year which usually occur in July; but, as will be seen when the p apers are submitted to Government, there is need of energetic action lest a higher than ordinary fresh should occur before due preparation has been made for it, and the pr ovision for the Western Delta should it is thought be increased before January next, if possible sufficiently to admit of some-thing more than patchwork being done.

OOTACAMUND, (Signed) JOHN MULLINS, Lt-Col, R.E,
1*st June* 1876. *Chief Engineer for Irrigation*

To the Secretary to Government, Public Works Department

No 271. ORDER THEREON, 18th September 1876, No. 2,481.

IRRIGATION, No. 28.
Account

ORDERED to be recorded.

2 Ordered also that a copy of these Proceedings be forwarded to the Government of India in continuation of those of reference to the Budget Orders of 1876-77, the 13th September 1876, No 2,448, with paragraphs 14 and 15.

(True Extract)

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

Proceedings of the Madras Government, Public Works Department,
18*th September* 1876. *No* 2,481-*A*

No 272 DOCKET No 2,481-A, dated 18th September 1876.

COPY of the above forwarded to the Government of India

(True Extract)

Colonel,
Offg. Under Secy. to Govt, P.W D

Exd E C Shunker.
Spare Copies

Irrigation on the Imp. Budget for 1876/77.
Ed 14-8-76 No 2081. 27/3/76.

P.W.D.
20 SEP 76
RECEIVED

From
The Chief Engineer for Irrigation
To The Secretary to Govt.
P. W. D.

Dated 1st June 1876.

No 184-W.

River Embankments-Godavery Delta — Reports the approximate amount of the Estimate for raising & strengthening the —.

No 270

Cir - 13/9/76 Ord 18-9-76
Ex. & Inst 18 Sept

E I Form No 22

1

No 2481 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 18 Sept 76

READ the following:—

From the Chief Engr for Irrign dated 1st June 1876 forwarding

Ordered to be recorded.

2 Ordered also that a copy of these Proceedings be forwarded to the Government of India in continuation of those of the 13th Sept 1876 No 2448 with reference to the Budget orders of 1876-77 paras

W.S. 8/76

Sept 1876
Sd/- No 2481 A dys.
Copy of the above forwarded to the Government of India —
Dated 4/10/76

D.E. Godavery
C. Engr for I.P.

Dated 4/10/76

11-2-1876

6204

Govt. of {1876} Madras.

PUBLIC WORKS.

To

The N. G. Godavery

Dated

Issued

Recd. Encl

G. O., 18th Sept. 1876, No. 1187 1188/14

Nos. 270/72

Entered Page 4-10-76

Forwarding Copy of Proceedings passed on Memorandum by the Chief Engr for Irrign reporting the approximate amounts of the Estimate for raising and strengthening the River embankments of the Godavery Delta —

River embankments Godavery Delta —

Memorandum by the Chief Engineer for Irrigation reporting the approximate amounts of the Estimates for raising & strengthening the —