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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No. <i>198</i>	Press
B.P. No.	Mis,
Dated <i>23-1-</i>	195 <i>7875</i>

Original

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Read the following:—

No. 1,019.

No. 411.

Note by the Chief Engineer for Irrigation.

THE approximate estimate submitted by the District Engineer, Nellore, will allow of the requisite expenditure being made in the Budget of 1875-76 for the works rendered necessary by the late flood in the Pennair.

2. Of the several items in this estimate, the following will be chargeable to the Capital outlay on the Southern Delta:—

Lengthening the Pennair Anicut, 120 yards.

This is shown as likely to cost Rupees 53,200, but the northern wings and approaches are entered at Rupees 53,800, and the wing is a part of the extension. It is not understood how this very large sum should be necessary, and it is thought that the wing will not cost more than about 16,800 rupees at the outside, so it is recommended that Rupees 70,000 be taken as the cost of the extension; but, if the space will allow of the extension being made 130 yards long, another 5,000 rupees will be needed, and so the approximate estimate for this work may be taken as 75,000 rupees. Mr. R. Smith has not stated the probable expenditure on this individual work in the current year; but assuming it to be Rupees 25,000, the remainder, Rupees 50,000, should be entered in the Budget for expenditure in 1875-76, as the anicut will not be safe until the whole work of the extension shall have been carried out, so that this should be done by September 1875 at latest.

3. I am not sure that the raising of the head sluices of the main channel, for which an item of Rupees 2,500 is entered, is necessary, for, as far as I remember, the roadway was made at 6 feet above the flood level of 1852, and, if so, it had a margin of $3\frac{1}{2}$ feet, or thereabouts, above the flood of this year. If, however, it be shown to be necessary, the cost, as not exceeding Rupees 2,500, will be a Revenue work under extensions and improvements.

4. The improvements to the Nellore Tank head sluice will be an "extension and improvement" chargeable to Revenue.

5. Three of the items will come under the head of Miscellaneous. They are—

- | | |
|--|--------|
| 1. Raising the embankment on right bank of Pennair to $4\frac{1}{2}$ feet above flood level from Nursimmakonda to the anicut head sluice | RS. |
| ... | 44,320 |
| 2. Making up embankment from anicut toll-gate to east of Anicut Office | 7,500 |
| 3. Raising embankment from near Nabobpett to the village of Kuditapalem | 28,500 |

I do not feel sure about the necessity for the second item. The office is many feet above highest flood level, and it is thought that spoil from the channel must have made the intermediate ground high enough. However, the levels, which will be submitted with the regular estimates, will enable a decision to be arrived at. In the meantime one estimate, item Rupees 80,000, may be entered in the Budget for raising embankments on right bank of Pennair from Nursimma-

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23rd January 1875.*

konda to Kudatapalem," and for it Rupees 25,000 may be the allotment for 1875-76. I do not think that in the current year any thing can be done beyond repairing the old embankment. There is no money, and obtaining security against a flood like that of this year must be a work of time. It is also too much still more emergent work to be got through within the months to allow of any large amount of labor being employed on the

6. The item Rupees 6,000 for repairing the anicut apron is chargeable to Agricultural Repairs, and should be sanctioned locally in the usual manner, unless the total of the repair estimate be such as to render desirable or necessary the approval of Government.

7. I am not disposed to recommend the employment of a Company of Sappers at Nellore. A Company would make but little impression on the work to be done, and it is believed that the District Engineer will have but little difficulty in providing petty superintendence over the coolies.

8. It will be necessary to authorize the District Engineer to proceed vigorously with the anicut extension. There is not the slightest doubt, as has been already stated, of its necessity; and there is no time to be lost. Government have no money at their disposal, and there is none which can be transferred, so far as is known, unless there be some to spare from the Madras Water Works, but the cost of the extension will, no doubt, be chargeable to Loan Funds, and some of the money surrendered from Tinnevely (Striviguntum Anicut Project) may be utilized upon it. All other new work must be postponed.

9. Mr. R. Smith deserves credit for the promptitude with which his approximate estimate has been submitted.

SURAMUNGALAM, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
7th December 1874. Chief Engineer for Irrigation.

No. 412. ORDER THEREON, 23rd January 1875, No. 198.

IRRIGATION, No. 44.

HIS EXCELLENCY the Governor in Council approves the approximate estimate submitted by the District

Engineer, Nellore, with the modifications proposed by the Chief Engineer for Irrigation, and authorizes the entries in the Budget of 1875-76 as recommended by the latter.

2. All new work other than the anicut extension must clearly be postponed until next year, first, because funds are not available; and, secondly, because all the labor that can be obtained will be wanted on the anicut works and on the repair of damage.

3. With regard to the anicut extension which cannot be postponed and which must, if possible, be completed before the north-east monsoon of 1875, the Government do not doubt that the Government of India will sanction the execution of this work from Loan Funds, and application will accordingly be made

• Rupees 58,000.

to that Government for permission to utilize 25,000 rupees, out of the amount surrendered from the Striviguntum Anicut Project, in this way. In the mean-

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23rd January 1875.*

time the District Engineer will be authorized to push on the extension as rapidly as he may be able.

4. His Excellency notices with satisfaction Mr. R. Smith's exertions in getting the approximate estimate prepared, and the regular estimates should be submitted as soon as possible.

5. The several items referred to in the District Engineer's general estimate will be dealt with in the manner recommended by the Chief Engineer for Irrigation.

(True Extract.)

(Signed) G. V. WALKER, Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
District Engineer, Nellore.
Controller of Public Works Accounts.

Exd. A
Spare Copies

Govt. of 1875-76
PUBLIC WORKS.

CHIEF ENGINEER FOR IRRIGATION,

as, ac, do

Dated January 23rd.

Recd.

Encl

G. O., 23rd January 1875, No. 198.

JANUARY.

Nos. 411-412

Pennair Anicut, Nellore District.—The approximate estimate for lengthening the anicut and raising and strengthening embankments approved, with certain instructions, and the entries, as recommended by the Chief Engineer for Irrigation in the Budget of 1875-76, authorized. Application for utilizing Rupees 25,000, out of the amount surrendered from the Strivigntham Anicut Project, to be made to the Government of India.

No. 1019.
Note by the Chief Engineer for Irrigation.
The approximate estimate submitted by the District Engineer, Nellore, will allow of the requisite entries being made in the Budget of 1875-76 for the works rendered necessary by the late floods in the Pennair.
2. Of the several items in this estimate the following will be chargeable to the Capital outlay on the Southern Delta.
Lengthening the Pennair Anicut
120 yards.

This is shown as likely to cost Rupees 53,200 but the northern wings and approaches are entered at Rupees 53,800 and the wing is a part of the extension. It is not understood how this very large sum should be necessary and it is thought that the wing will not cost more than about 16,800 Rupees at the outside, so it is recommended that Rupees 70,000 be taken as the cost of the extension. But if the space will allow of the extension being made 130 yards long another 5,000 Rupees will be needed.

needed, and so the approximate estimate for this work may be taken as 75000 Rupees. Mr. R. Smith has not stated the probable expenditure on this individual work in the current year, but assuming it to be Rupees 25000, the remainder, Rupees 50000, should be entered in the Budget for expenditure in 1875-76, as the Aqueduct will not be safe until the whole work of the extension shall have been carried out, so that this should be done by September 1876 at latest.

3. I am not sure that the raising of the head sluice of the main channel, for which an item of Rupees 2,500 is entered is necessary for, as far as I remember, the roadway was made at 6 feet above the flood level of 1852 and, if so, it had a margin of 3 feet or thereabouts above the flood of this year. If however it be shown to be necessary the cost, as not exceeding Rupees 2500, will be a Revenue work under extensions and improvements.

4. The improvements to the Yellow Tank head sluice will be an extension and improvement chargeable to Revenue.

5. Three of the items will come under the head of Miscellaneous. They are:
1. Raising the embankment on right bank of Pennair to 4 feet above flood level from Nursimmakonda to the Aqueduct. Head sluice Rupees 44,320
2. Making up embankment from Aqueduct toll gate to East of Aqueduct Office — 7,500
3. Raising embankment from near Nabobpett to the Village of Kudatapalem 28,500
I do not feel sure about the necessity for the second item. The Office is many feet above highest flood level, and it is thought that spoil from the channel must have made the intermediate ground high enough. However, the levels which will be submitted with the regular estimates will enable a decision to be arrived at. In the mean time one estimate item, Rupees 80,000, may be entered in the Budget for "Raising embankments on right bank of Pennair from Nursimmakonda to Kudatapalem" and for it Rupees 25,000 may be the allotment for 1875-76. I do not think that in the current year

year any thing can be done beyond repairing the old embankment. There is no money and obtaining security against a flood like that of this year must be a work of time. There is also too much still more emergent work to be got through within the next few months to allow of any large amount of labour being employed on the embankment.

6. The item Rupees 6000 for repairing the Ariat Aprow is chargeable to agricultural repairs and should be sanctioned locally in the usual manner unless the total of the repair estimate be such as to render desirable or necessary the approval of Government.

7. I am not disposed to recommend the employment of a Company of Sappers at Mellore. A Company would make but little impression on the work to be done and it is believed that the District Engineer will have but little difficulty in providing petty superintendence over the Coolies.

8. It will be necessary to authorize the District Engineer to proceed vigorously with

the ancient extension. There is not the slightest doubt, as has been already stated, of its necessity, and there is no time to be lost. Government have no money at their disposal and there is none which can be transferred, so far as is known, unless there be some to spare from the Madras water works, but the cost of the extension will no doubt be chargeable to Loan Funds, and some of the money surrendered from Tinnevely (Sivaguntam Ancient project) may be utilized upon it. All other new work must be postponed.

9. Mr R. Smith deserves credit for the promptitude with which his approximate estimate has been submitted.

Suramungalain G. Sundaram
7th December 1874
Chief Engineer for Irrigation

2250
P.W. 1874 Sept.
No. 7836

The Chief Engineer
for Irrigation

The Secretary Govt.
P.W. D.

N 1019.

Dated 7
Sept 12
Rece 14

Decr 1874.

Encl 21

Note on the approx-
imate estimate for
lengthening the Puccis
ancient & access &
strengthening embank-
ments of river

Sl. No. 158.22-1-75.

Public Works Dept
Proceedings of the Madras Government

Read the following:

From
The Chief Engineer
for Irrigation

198
H. E. No. 1019 of 7th Dec 74

His Excellency the Governor in
Council approves the approximate
estimate submitted by the
District Engineer, Bellary with
the modifications proposed by
the Chief Engineer for Irrigation
and authorizes the entries in
the Budget of 1875-76 as re-
commended by the latter.

Ms 112

Has suffic. provision been
made for execution of work

All new work, other
than the ancient extension,
must clearly be postponed
until next year, first because
funds are not available and

secondly

10/18-12-74
10/16-12-74 11/17-12-74

secondly because all the la-
bour that can be obtained
will be wanted on the
Ancient works and on the re-
pair of damage.

3. With regard to the
Ancient extension, which can-
not be postponed, and which
must, if possible, be completed
before the N. E. monsoon of
1875, the Government do not
doubt that the Government
of India will sanction the
execution of the work from
Public funds, and application
will accordingly be made to
that Government for permis-
sion to utilize 25,000 Rupees,
out of the amount surrendered
from the Strimington Ancient
project in this way. On the
main line the District
Engineer will be authorized
to push on the extension
rapidly.

* Rupees 58,000

rapidly as he may be able.
4. His Excellency notices
with satisfaction Mr. R. Smith's
exertions in getting the approxi-
mate estimate prepared, and
the regular estimates should
be submitted as soon as possible.
5. The several items of
work referred to in the Dis-
trict Engineer's general esti-
mate will be dealt with in
the manner recommended
by the Chief Engineer for
Irrigation.

W. 9/12/74
C.M.

To the Chief Engr. for Irr. with letter ✓
" D. C. N. Moore ✓
" Controller with Estimate ✓
Sept 25/1/75.

7836

Govt. of 1874 Madras.

PUBLIC WORKS.

To

Letter India
The Hon. Secy. to Govt. of India
to J. J. S. S. S.

Dated

Recd.

Encl.

23rd Aug. 1878

Nos. 411-412.

Pennair Ancient Well

D. - The approximate Estimate for lengthening the Ancient drains and strengthening embankments approved with certain instructions and the estimates as recommended by the Chief Engr. for Drains in the Budget of 1875/76 authorized Application for utilizing Rs. 25,000 out of the amount surrendered from the ~~General~~ *Strengthening Ancient Drainage* Project to be made to the S.D. of India.