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MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. <u>2989</u>	Press ~~Mis.~~
<u>179-180.</u>	
Dated <u>10 - 12 - 1870.</u>	

Not to be folded or roughly handled

No. 179. Read the following memorandum from the Chief Engineer for Irrigation, to the Secretary to Government, Public Works Department, dated 12th November 1870, No. 224 :—

In G. O., No. 2,642, of the 4th instant, paragraphs 7 to 9 of the Proceedings of the Board of Revenue, No. 5,776, of the 17th September last, were referred for my consideration. The question raised in paragraphs 7 and 8 has already been disposed of in G. O. of the 1st April last, No. 920, which was communicated to the Revenue Department.

2. The Superintending Engineer, 2nd Division, has not yet reported in what state the estimates for the whole Kistna Delta now are; what further work has to be done before they will be ready for submission to Government, and how long it will take to complete them. Colonel Moberly should, I would suggest, be called upon to expedite the submission of this report, and the Government may then think it necessary to consider whether any special establishment should be employed on the completion of the estimates.

3. Paragraph 9 of the Board's Proceedings relates to the preparation of estimates for the repair of tanks, where the cost will exceed the amount which can be sanctioned locally. It appears to me that the proper course in this case is for the Superintending Engineer to prepare a statement showing, as nearly as can be ascertained without the preparation of estimates in detail, the outlay required to place each such tank in proper repair; that then this officer should discuss with the Collector the circumstances of each work, and decide for what tanks it will be advisable to prepare estimates for submission to Government. In some cases a large outlay may be found to be capable of being recommended on reasonable grounds; in others it will be apparent that expenditure would be a waste of money; in some probably it will be ascertained that the tanks are not now required. The conjoint action of the Revenue and Public Works Officers is requisite with a view to the settlement of the question as to what tanks of this class should be retained as irrigation works and made efficient, and what tanks should be recommended for removal from the list of Government works of irrigation.

4. It must not be overlooked that Government are unable to allot more than between 6 and 7 per cent. of the revenue derived from irrigation works for their up-keep, and it will be evident therefore that only a very limited number of works, which require a large expenditure to make them efficient, can be taken up year by year, and provided for from Repair funds; otherwise, in endeavouring to secure the efficiency of comparatively unimportant tanks, the Government will risk loss of revenue to a much larger amount under works of far greater importance. It seems to be necessary that Revenue Officers should consider, more than is sometimes done, what is possible, when making requisitions on the Public Works Department. The mere fact that it appears to be desirable to expend money, or that there are works which would be the better for expenditure, is not a sufficient reason for preparing estimates and submitting them for sanction. There must be evidence sufficiently strong to satisfy the Government that it is desirable to incur the outlay, and besides this it must be shown that this outlay would be so beneficial as to give the works a prior claim on the limited funds available. When a tank cannot be properly repaired, except at a cost which would involve the deprivation

*Proceedings of the Madras Government, Public Works Department,
10th December 1870.*

of many other works of their share of such limited repair grants, there are strong reasons for requiring that its circumstances should be fully enquired into; and similarly, as the preparation of estimates for such works must necessarily take up the time of an already inadequate establishment, some care should be taken to ascertain that there is a probability of the estimates being sanctioned before Range Officers are called upon to turn their attention from other duties to the examination in detail of the wants of works of this class. A Range Officer should know, and be able to give information regarding all Public Works in his Range, and the most practical course which I can suggest is that a list of works supposed to need a large outlay should be made out for each Talook; that a day should be fixed for the meeting of the Collector, the Superintending Engineer, and the Range Officer to discuss the subject; and that sufficient time be allowed, before the day fixed for the discussion, for the Revenue Officer to collect information regarding the circumstances of the works, and for the Public Works Officer to ascertain personally and generally their requirements. Then it may be determined what it may be desirable to do; and, secondly, what can be done with the men and money available, and in what order this should be done.

No. 180. ORDER THEREON, 10th December 1870, No. 2,989.

IRRIGATION, No. 20.

COMMUNICATED to the Superintending Engineer of the 2nd Division in continuation of G. O., No. 2,642, dated 4th November 1870.

2. Colonel Moberly will furnish the report referred to in paragraph 2 regarding the progress made in the preparation of the estimates for the Kistna Delta.
3. The Government concur in the views expressed by Major Mullins in paragraphs 3 and 4. Looking to the smallness of the grants which are annually available for the maintenance of irrigation works, His Excellency the Governor in Council considers it important that the time of Public Works Officers should not be needlessly taxed with the preparation of estimates for works for which funds may not be available or which, for other reasons, it may not be found expedient to undertake. Under the circumstances it seems desirable that some arrangement like that suggested by the Chief Engineer for Irrigation should be adopted with a view to only such repairs to tanks being estimated for as, in the opinion of both the Public Works and Revenue Officers, there is a reasonable prospect of its being advisable to carry out.
4. Major Mullins' remarks will be communicated to the Revenue Department for such further orders as may be necessary.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Superintending Engineer, 2nd Division.
" Chief Engineer for Irrigation.
" Revenue Department.
" All Superintending Engineers.
Exd. S. T. Augustin.

N^o 224

Memorandum

In G.O. N^o 2642 of the 4th Instant paras 7 to 9 of the Proceedings Board of Revenue N^o 5776 of the 17th September last were referred for my consideration. The question raised in paras 7 & 8 has already been disposed of in G.O. of the 1st April last, N^o 920, which was communicated to the Revenue Department.

2. The Superintending Engineer 2nd Division has not yet reported in what state the estimates for the whole Kistna Delta now are, what further work has to be done before they will be ready for submission to Government, and how long it will take to complete them. Colonel Moberly should, I would suggest, be called upon to expedite the submission of this report, and the Government may then think it necessary to consider whether any special establishment should be employed on the completion of the estimates.

estimates

3. Para 9 of the Board's Proceedings relates to the preparation of estimates for the repair of tanks, where the cost will exceed the amount which can be sanctioned locally. It appears to me that the proper course in this case is for the Superintending Engineer to prepare a statement showing, as nearly as can be ascertained without the preparation of estimates in detail, the outlay required to place each such tank in proper repair; that then this officer should discuss with the Collector the circumstances of each work and decide for what tanks it will be advisable to prepare estimates for submission to Government. In some cases a large outlay may be found to be capable of being recommended on reasonable grounds, in others it will be apparent that expenditure would be a waste of money, in some probably it will be ascertained that the tanks are not now required

required. The conjoint action of the Revenue and Public Works Officers is requisite with a view to the settlement of the question as to what tanks of this class should be retained as irrigation works and made efficient, and what tanks should be recommended for removal from the list of Government works of irrigation. It must not be overlooked that Government are unable to allot more than between 6 & 7 per cent of the Revenue derived from irrigation works for their upkeep, and it will be evident therefore that only a very limited number of works, which require a large expenditure to make them efficient, can be taken up year by year, and provided for from repair funds; otherwise, in endeavouring to secure the efficiency of comparatively unimportant tanks the Government will risk loss of Revenue to a much larger amount under works of far greater importance. It seems to be necessary that Revenue officers should consider, more than

is sometimes done, what is possible; when making
requirements on the P.M. Department. The mere
fact that it appears to be desirable to expend
money, or that there are works which would
be the better for expenditure, is not sufficient
reason for preparing estimates and submitting
them for sanction. There must be evidence suffi-
ciently strong to satisfy the Government that
it is desirable to incur the outlay, and be-
sides this it must be shown that this out-
lay would be so beneficial as to give the works
a prior claim on the limited funds available.
When a tank cannot be properly repaired except
at a cost which would involve the deprivation of
many other works of their share of such limited
repair grants, there are strong reasons for requiring
that its circumstances should be fully enquired into;
and similarly, as the preparation of estimates
for such works must necessarily take up the
time of an already inadequate establishment,
some care should be taken to ascertain that there

is a probability of the estimates being sanctioned.
Before Range officers are called upon to turn their
attention from other duties to the examination
in detail of the wants of works of this class.
A Range officer should know, and be able to
give information regarding, all Public works
in his Range, and the most practical course which
I can suggest is that a list of works supposed
to need a large outlay should be made out
for each Taluk, that a day should be fixed for
the meeting of the Collector, the Superintending
Engineer, and the Range officer to discuss the
subject, and that sufficient time be allowed, before
the day fixed for the discussion, for the Revenue
officer to collect information regarding the
circumstances of the works, and for the
Public Works officer to ascertain personally
and generally their requirements. Then it
may be determined what it may be desi-
rable to do, & ^{and} what can be done
with the men and money available, and

in what order this should be done.

Fort St George  Winturleins Major R.R.

15 November 1870  Chief Eng^r for Irrigation

To

The Secretary to Govt. R.M.D.

Public Works Department
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 Proceedings of the Madras Government
 Under date the 10th Dec 1870

Read the following
 From The Chief Engineer for
 Irrigation. } H. E. Esq. 224 of 12th November 1870

Public Works Department
 Secy of Govt for (December)
 From The Chief Eng^r for Irrigation
 To The Secretary to Govt
 P.W.D.

Dated 12th
 Dec 15th November 1870
 Rev 18th

N^o 224.

On the preparation
 of estimates for the repair
 of tanks when the cost
 will exceed the highest
 annual revenue obtainable
 from the lands irrigated.
 No 2989-10 Dec 1870

No 179
 623 Nov 170 A. 295

NO

Communicated to
 the Superintending En-
 gineer of the 2nd Divⁿ
 in continuation of G.O.
 No 2642 dated 4th
 November 1870.

Colonel Robert
 will furnish the report
 referred to in 'Circular 2'
 regarding the progress
 made in the prepara-
 tion of the Estimates
 for the Ristna Delta.
 The

London 2nd April 1861
The Government
concern in the views
expressed by Major
Halliday in reference to
and 4. Looking to
the expediency of the
grants, which are
usually available for
the maintenance of
Irrigation works, &c.
Excellent, the Government
in Council consider
it important that the
Manager of Public Works
should not
be unduly taxed
with the preparation
of estimates for

works for which funds
may not be available
or which, for other reasons
it may not be found
expedient to undertake.
Under the circumstances
it seems desirable that
some arrangement
like that suggested
by the Chief Engineer
for Irrigation should
be adopted with a view
to only such repairs to
tanks being estimated
for as, in the opinion
of both the Public Works
and Revenue Officers,
there is a reasonable
prospect of its being
advisable to carry out

(7)

Major Mullins
Remarks will be com-
municated to the Re-
venue Department for
such further orders
as may be necessary

Inspector

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6 23 Nov 1902

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The L. & N. G. & F. S.
* all other *
* Chief for *
* Rev Dept *
* Desps 19/1/71 - Desps 12/12/70

Sept 13
Govt. of 1870 Madras.

PUBLIC WORKS.

To the Superintending Engineer
2nd Division

Dated

Recd.

Ind.

11 Dec 1870, No 2989

Nos. 149 & 180

Thanks Memo. from the Chief
Engr for Irrigation on the pre-
paration of estimates for the
repair of Banks where the
cost will exceed the annual
revenue obtainable from
the lands irrigated, and to
the Supergr of the 2nd Div &
to the Rev. Dept. with in-
structions.