M.R.O. 1—77,000—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

R. & L. DEPARTMENT.

G.O. No. 2240 Press/Mis.

Dated 1 7 18 .

Not to be folded or roughly handled

No. 27. Read the following letter from the Superintending Engineer, 3rd Division, to the Chief Engineer for Irrigation, dated Bellary, 24th July 1871, No. 770 :—

I HAVE the honour, with reference to G O., No. 2,921, dated 6th September 1869, to forward, for the information of Government, the enclosed rough plans, etc., in connection with the tanks proposed to be constructed at Kalavatala and Talarycheruvu Dyalla in the Koilgoontla and Tadpatry Talooks.

2. The papers now submitted are, with reference to preliminary investigations made by the Supervisor in charge of Nundial Range, with a view to ascertain if the projects would repay. I have visited the localities myself (*vide* entries on 15th and 16th in my Diary for December 1869), and am now of opinion that it would be better to have these projects regularly investigated before anything decided can be arrived at, as to whether a fair return would or would not be realized; I therefore request that the sanction of Government be obtained for the following temporary establishment for six months :—

	RS.
1 Surveyor, at Rupees 100 per mensem	600
1 Lascar, at Rupees 7 per mensem	42
2 Do. at ,, 6 ,, ...	72
3 Coolies as required, or at Rupees 6 for four months ...	72
Contingencies	54
Total for six months...	840

I request the return of the enclosed plans, etc.

Enclosures.

6 Sheets of Cross Sections.
1 Sheet of Longitudinal Sections.
1 Survey.
1 General Report.
2 Reports.
2 Detailed and Abstract Estimates.

No. 28. ORDER THEREON, 2nd September 1871, No. 2,240.

IRRIGATION, No. 4.

THE Superintending Engineer submits with the above letter certain reports relative to the proposed reconstruction of two tanks at Kalavatala and Talarycheruvu in the Koilgoontla Talook, Kurnool District, together with rough estimates and cross sections of the valleys at proposed alternative sites for the new embankments in reference to G. O., No. 2,921, of the 6th September 1869, which was passed on Proceedings of the Board of Revenue, No. 2,211, relative to a report from the Collector on the irrigation wants of the district.

2. It is gathered that as regards the tank at Kalavatala the cost of restoration is estimated at Rupees 50,000 and the return from irrigation Rupees 7,856, or $15\frac{3}{4}$ per cent. on the expended capital, while, on the other hand, the cost of re-constructing the tank at Talarycheruvu called Dyalla is calculated to be Rupees 20,000 and the return Rupees 812, or only 4 per cent. on the outlay.

3. Government, in their order above referred to, remarked that information on the subject of the water-supply was the first requirement and should be a primary object of investigation, but the information given on this subject in the papers forwarded is very meagre. No expenditure can be incurred on works, nor is it even desirable to allow any outlay on detailed plans and estimates till it has been ascertained with a tolerable degree of certainty what is the average quantity of water which can be secured within the given area.

4. In the absence of recorded observations of the rainfall in the locality some approximation may probably be made to the value of any proposed gathering ground, by comparing the catchment basin area of some of the larger tanks in the district with the average cultivation under them, and if there are tanks of which the capacity is so great that they discharge surplus only during extraordinary season, the element of uncertainty which such discharges introduces into the calculation would be reduced to a minimum.

5. The Superintending Engineer's proposition that the projects should be more regularly investigated and that a temporary establishment for the purpose, the cost of which is estimated at Rupees 840, as per margin, should be sanctioned for six months is approved of.

	Rs.
1 Surveyor, at Rupees 100 per mensem ...	600
1 Lascar, at Rupees 7 per mensem ...	42
2 Da at ,, 6 ,, ...	72
3 Coolies as required, or at Rupees 6 for four months	72
Contingencies	54
Total for six months...	840

6. The papers and sections accompanying the Superintending Engineer's letter will be returned.

(True Extract.)

Captain, R.E.,
Under Secretary to Government.

To the Superintending Engineer, 3rd Division.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.

Exd. S. T. Augustin.

No. 770. *Superintending Engineer's Office.*
3rd Division.
Bellary 24th July 1871.

From,
The Superintending Engineer
3rd Division.

To,
The Chief Engineer
for Irrigation
Madras

Enclosures. 13.

Sir,

I have the honor to refer to your G. O. No. 2921 dated 6th September 1869, to forward for the information of Government the enclosed rough plans &c. in connection with the tanks proposed to be constructed at Kalavatala and Talary Cheruvu (Ryalla in the Hindgoontla and Tadpatry Talooks.

2. The papers now submitted are with reference to preliminary investigations made by the Superviser in charge of Nundial Range with a view to ascertain if the projects would repay. I have visited the localities myself (Vide entries on 15th and 16th in my Diary for December 1869) and am now of opinion that

it would be better to have these projects regularly investigated before any thing decided can be arrived at, as to whether a fair return would or would not be realized, I therefore request that the sanction of Government be obtained for the following temporary Establishment for six months.

1	Surveyor @ Rs 100/	per mensem	600
1	Kasher @ 7 "	do	42
2	do @ 6	do	72
3	Coolies as required or @ Rs 6 for 4 months		72
	Contingencies		54
	Total for 6 months		Rs 840

3. I request the return of the enclosed plans &c.

I have &c

W. Mobbs Lt. R.E.
Supdg. Engineer 3rd Div.

Enclosures.
6 sheets of Cross Sections
1 " 1 Longitudinal Sections
1 Survey
1 General Report
2 Reports
2 (Detailed and Abstract Estimates

13.

P.W. Dept

No. 2240.

Proceedings of the Madras Government.

Under date the 2nd August 1871

Read the following

From the Supt Engineer
of the 3rd Div (Rec'd under No 3702 of 24th July 1871)

The Supt Engineer submits with the above letter certain reports relative to the proposed reconstruction of two tanks at Kalavatala and Salaycheruvu in the Koilkuntla Salug Kurnool district together with rough estimates and cross sections of the Valley at proposed alternative sites for the new embankments in reference to G.O. No 2921 of the 6th September 1869 which was passed

and

P.W. Dept

No. 3802.

Dated Bellary 18th July 1871.

Received 24th July 1871.

From,

The Superintending Engineer
3rd Division.

To,

The Chief Secretary
to Government
Fort St George

Sir

I have the honor to forward herewith for the information of Government two reports with estimates and plans relative to the proposed reconstruction of two tanks at Kalavatala and Salaycheruvu in the Koilkuntla Salug Kurnool district.

2. The Collector of Kurnool has been addressed on the subject.

I have &c

(Signed) [illegible]
Supt Engineer

No 2240 - 2nd Aug 1871

ow proceedings of the Board of Revenue Do. 2211 relative to a report from the Collector ow the irrigation wants of this district.

2. It is gathered that as regards the Sank at Kalavatala the cost of restoration is estimated at Rs 50,000 and the return from irrigation Rs 7,856 or 15 3/4 per cent ow the expended Capital while ow the other hand the cost of reconstructing the Sank at Salanjcheruvu called Dyalla is calculated to be Rs 20000 and the return Rs 812 or only 4 per cent ow the outlay.

3. Government in their order above referred to remarked that information ow the subject of the water supply was the first requirement and should be a primary object of investigation but the information given ow this subject in the papers forwarded is very meagre. No expenditure can be incurred ow works, nor is it even desirable to allow any outlay ow detailed plans and estimates till it has been ascertained with a tolerable degree of certainty what is the average quantity of water which can be secured within the given area.

4. In the absence of recorded observations

of the rainfall in the locality some approximation may probably be made to the value of any proposed gathering ground by comparing the catchment basin area of some of the larger Tanks in the district with the average cultivation under them and if there are tanks of which the capacity is so great that they discharge surplus only during extraordinary seasons, the element of uncertainty which such discharges introduces into the calculation would be reduced to a minimum.

5. The Supt Engineers proposition that the projects should be more regularly

1 Surveyor @ Rs 100 per mensem - 600
1 Lascar @ - 7 do - 42
2 do @ - 6 do 72
3 Coolies as required or @ Rs 6- for 4 months } - 72
Contingencies - - - - 54
Total for 6 months - Rs 840

regularly investigated and that a temporary establishment for the purpose the cost of which is estimated at Rs 840 as per margin should be sanctioned for 6 months is approved of.

6. The papers and sections accompanying the Superintending Engineers letter will be returned.

Add'l

7

Dated 19/11

28
4

No.
1 The Supt Engr. 3d Cir. with thirteen enclosures
4 " Chief Engr. for Irrign
5 " Controller P. Ds. Accts

Dated 4/9/71.

Yo-3813

Govt of [1871] Madras.

PUBLIC WORKS.

To

The Superintending Engr
3rd Division

Dated

Rec'd. Fasl.

G. O. 2 Sept. No. 2240.

Nos. 27 & 28

Works in the Kaiffanabla Talukq

Talugu, Kurnool &c. Passing
letters on the letter from the
Superintg Engr 3rd Division, submitting
Estimate, plans &c for
Constructing two Bunds in
the Kurnool &c Districts
Sanctioning the Entertainment
of a temporary Establishment
for Regularly investigating
the projects.