18-7-64/D6

P.W.D (I)

G.O.No. 574/25-7-1898

Scott. II-1.

of	From whom. (5)	Outside number and date. (6)	Submitted to officer. (7)
4/6/64	MWD D6	2	522/4/64

Public Works (1898) Department.

G.O., No. 578 I

DATED 25 July 98

29/7/96

[Despatch Abstract.]

Devagondanahalli Tank. Estimate of Rs 10000 for completing the construction of — in the Bellary Dn: sanctioned & the proposal of the Chief Engineer for Irrigation, in regard to date of commencement of work, approved.

100/4

R I

H 25/7/98

Indexed. ✓

[P. W. 26. / 1,000—12-2-98.]

18

BACK PAPERS.

G.O.	No.	Department	Date	G.O.	No.	Department	D

FURTHER PAPERS.

G.O.	No.	Department	Date	G.O.	No.	Department	Date

IRRIGATION.
ACCOUNT.

Government (1898) of Madras.
PUBLIC WORKS.

Recd. } 1898. *Enclosures*
Regd. } *Spare copies*

G.O., No. 578 I., 25th July 1898.

JULY.

Devagondanahalli Tank

Estimate of Rs. 10,000 for completing the construction of — in the Bellary division, sanctioned; and the proposal of the Chief Engineer for Irrigation in regard to date of commencement of work, approved.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers:—

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, III Circle, to the Chief Engineer for Irrigation, dated Bellary, 2nd February 1898, No. 5789 I.

I have the honour to state that completing the construction of Devagondanahalli tank in the Bellary division was taken in hand during the late famine, but the construction could not be completed before the famine works were closed, and the Executive Engineer, Bellary division, therefore, proposes to close the estimate for Rs. 8,630 sanctioned for the work in G.O., No. 16 I., dated 5th January 1897, and submit a fresh one for works still remaining to complete the construction.

2. In Government Order quoted above no provision was made for land compensation, but the amount will be included in the new estimate that will be submitted for sanction; in the meantime the Divisional officer, at the instance of the Collector, requests sanction of Government for paying the compensation which, as at present proposed, is Rs. 3,025, so that the Collector may submit to Government the draft declaration for approval and publication in the *Fort St. George Gazette.* I therefore request that you will be good enough to obtain the necessary sanction of Government.

To the Superintending Engineer, III Circle, dated 13th February 1898, No. 9 B.L.

With reference to letter, No. 5789 I., dated 2nd February 1898, from the Superintending Engineer, III Circle, the undersigned has the honour to observe that a provision of Rs. 3,025 is required for land compensation, and the work being no longer required for famine relief purposes, the conditions under which the sanction was originally given no longer exist. It is not reported how much work has been done, and what remains to be done, or to what extent Government is committed to further expenditure on the work.

It does not seem clear from the Superintending Engineer's letter whether the proposal to close the famine estimate and to submit a fresh estimate for works still remaining to complete the tank involves a still further increase in the amount of the estimate, besides the Rs. 3,025 for land compensation, or not, and it is therefore not clear whether Government should incur this expenditure of Rs. 3,025 for land.

(Signed) F. J. WILSON,
Asst. to Chief Engineer for Irrigation.

From H. E. CLERK, Esq., Executive Engineer, Bellary division, to the Superintending Engineer, III Circle, dated 4th June 1898, No. 4127.

With reference to your endorsement, No. 6114 of 21st February 1898, I have the honour to forward, herewith, plans and estimate amounting to Rs. 10,700 for completing the Devagondanahalli tank in the Hadagalli taluk.

2. The report which accompanies the estimate briefly describes the quantity of work done during the recent famine of 1897 and work still to be done to complete the tank. As stated in the concluding paragraph of the report, I do not recommend that the tank should be completed at once.

Enclosure.

Report to accompany Estimate for completing the Construction of the Devagondanahalli new tank in the Hadagalli Taluk, Bellary District.

	RS.
Amount of estimate	* 10,000

* *Note.*—Increased to Rs. 10,000 in the office of the Chief Engineer for Irrigation to provide for demarcating land.

A description of the previous history of the tank and full particulars of its situation, capacity and financial returns is given in the report which is embodied in G.O., No. 16 I., dated 5th January 1897, sanctioning the original estimate which please see.

2. The longitudinal section in sheet No. 4 shows the state of the bund before the work was undertaken for the second time as a relief work during the recent famine of 1897 when a sum of Rs. 43,460 was spent on it and charged to 33. Famine relief, and the following works were done:—

	UNITS.
(1) Earthwork for bund	1,289·951
(2) " for widening byewash	627·600
(3) Gravel backing	188·80
(4) Revetment	342·00
(5) The construction of two pipe-sluices except the front heads and rear cisterns.	

3. From the accompanying sections and hydraulic particulars of the tank, it will be seen that a great deal of work still remains to be done to complete it. The estimate now submitted provides for every thing necessary to render the tank complete and effective. It also provides a sum of Rs. 3,025 as compensation for lands submerged by the tank, the original sanction of Rs. 2,130 being found insufficient.

4. In connection with the catchment area of the tank, it must be mentioned that the fact of the existence of a dam across the drainage which enters the tank was lost sight off in the preparation of the original estimate. From this dam which cuts of about 6 square miles of the total area of the catchment, a supply channel is taken to feed a small tank called the "Mudinoor tank," which is situated about 2 miles west of the new tank, with an ayacut of 70 acres.

5. It is believed that the entire removal of this dam would contravene existing rights, and it is therefore proposed to construct a head sluice to the Mudinoor tank supply channel which will be closed as soon as the Mudinoor tank has its full supply. The work which will be a simple one has not been designed, but a lump sum provision of Rs. 400 is made for it in the estimate.

6. As stated in the previous report, the tank is capable of holding about 55 millions cubic feet, which at 2 cubic yards per hour per acre is sufficient supply for 143 days for irrigating 296·36 acres, or nearly a five-month's supply which is ample for raising a single crop.

7. But taking into consideration the scanty rainfall and judging from other tanks in this district, the irrigation duty of which seldom exceed 20 acres per square mile of catchment area, it is not likely that more than 190 acres can be irrigated even from the whole catchment area of 9·75 square miles.

8. Assuming, however, that the return estimated in the previous report, viz., Rs. 361, is realized, we get a return of 3·37 per cent. on the amount of the present estimate. This is not a brilliant prospect, and considering that there are other small projects on which the limited funds available may be more profitably employed, it is not recommended that the completion of the tank be taken up at once. Its execution should be deferred, or the work may be reserved for famine purposes.

9. The tank in its present state will not be a source of danger to life or property, as the water can be allowed to pass through the breach.

No. 578 I., 25th July 1898.

No. 928 I.

Forwarded to the Chief Engineer for Irrigation, Madras, with reference to his memo., No. 9 B.L., dated 13th February 1898, and with a recommendation that the completion of the Devagondanahalli tank be deferred until the work is required for famine relief purposes. In the meantime the head sluice to the channel that supplies the Mudinoor tank might, with advantage, be designed and estimated for and sanctioned, when there are signs of distress in the district.

This would not be a "famine relief" work, but a necessary preliminary to completing the Devagondanahalli tank.

16th June 1898. (Signed) W. L. C. BADDELEY, Lieut.-Col., R.E.,
Suptg. Engineer, III Circle.

No. 200 I.

Note by the Chief Engineer for Irrigation.

Devagondanahalli Tank.—A sum of Rs. 68,297 has already been spent on this work in the famines of 1877–78 and 1897. The accompanying estimate of Rs. 10,000 provides for completing the work. Of this sum, Rs. 3,025 is for compensation for land which must be taken up before the work is completed. As the loss of revenue on this would be very considerable, it is proposed to sanction the estimate and to defer taking up the land and completing the work until it may be required for famine relief purposes.

14th July 1898.

(Signed) J. C. LARMINIE,
Ag. Chief Engineer for Irrigation.

ORDER—No. 578 I., dated 25th July 1898.

The proposal of the Chief Engineer for Irrigation is approved.

2. The following estimate is sanctioned :—

Irrigation.
43. Minor Works and Navigation.
Minor Works for which neither Capital nor Revenue Accounts are kept,
P.W.D.
Original Works.
Bellary Division.
Completing the Construction of Devagondanahalli Tank.

	RS.
Estimate	10,000

3. This sanction is registered as No. 55 I. of 1898–99.

(True Extract.)

(Signed) J. C. LARMINIE,
Ag. Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, III Circle,
with twelve enclosures.
" Examiner, Public Works Accounts.

Exd., T. K. Narayana Aiyangar.

Public Works (1898) Department.

~~578 I~~ 578 928 I

CURRENT No. 6127

From the Chief. Engr for Irrgn

Order

No. 200 I

Dated 14-7-98

Received } 22-7-98
Registered }

Enclosures ~~13~~ 16 (4 plans)

Spare copies

SUBJECT.

Devagondanahalli Tank—Estimate of Rs 10,000 for completing the construction of—Note proposing to sanction the—and to defer completing the work until it may be required for famine relief purposes.

329

BACK PAPERS.

No.	Date.

FURTHER PAPE

No.	Date.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

42/

PROCEEDINGS OF THE MADRAS GOVERNMENT.

timate for completing Devagondanahalli Tank
Bellary Dt.

UNDER date the

READ the following

From Supg Eng. III Circle, No. 5789 I, d 2. 2. 98.
To do. 9 1 2. d 13. 2. 98
From do. 928 I, d 16. 6. 98

No 2009 I d 14-7-98

Note by the Chief Eng
for Irrigation

Devagondanahalli Tank.

A sum of Rs 68,297 has already been spent on this work in the famines of 1877.78 & 1897. The accompanying estimate of Rs 10,000 provides for completing the work. Of this sum Rs 3,025 is for compensation for land which must be taken up before the work is completed. As the loss of revenue on this would be very considerable, it is proposed to sanction

Ser 6

Issue
JCl
JI 18/7

the estimate and to defer taking up the land & completing the work until it may be required for famine relief purposes.

Order thereon No 5782 I 25.7.98

The proposal of the Chief Engineer for Irrigation is approved.

2. The following estimate is sanctioned:-

Irrigation

43. Minor works & navig.

Minor works for which neither Capital nor Revenue accounts are kept, I.W.D.

Original works.

Bellary Dt.

Completing the construction of Devagoundanahalli tank. Estimate Rs 10,000

Sem. A.221

A.34
16.7.98

3. This sanction is registered as No. 55. I of 1898-99.

14/7/98

JCL 14/7

D 15/7/98

To
The Chief Engr for Irrigation
Supdg Engr, III Circle
Ex Engr P.W.D. with 12 enc

ICS
12/7/98

1104 1899

ublic Works (1898) Department.

CURRENT No. 5113 L

rder

From the Superintending
Engr. III Circle
Bellary.

No. 928 I

Dated 16 - 6 - 98
Received 18 - do —
Registered
Enclosures 13
Spare copies (4 plans

SUBJECT.

Devagundanhalli tank

~~Forwards~~ plans and estimates amounting to Rs 10700 for completing the — with Superintending Engineer's opinion

Form No. 1 (a)—500—21-4-98.

BACK PAPERS.

No.	Date.

FURTHER PA

No.

1804 ~~1082~~

Report to accompany Estimate for completing the Construction of the Devagondanahally new Tank in the Hadagally Taluq, Bellary District.

Amount of Estimate Rs ~~10,700~~ ~~9850~~ 10,000

Note - increased to Rs 10000 in the office of the Chief Engr for Irrigation to provide for demarcating land

× Flag F.

A description of the previous history of the Tank and full particulars of its situation, capacity and financial returns is given in the report which is Embodied in G. O. No 16 I,× dated 5th January 1897 Sanctioning the original Estimate which please see.

2. The Longitudinal section in sheet No 4 shews the state of the bund before the work was undertaken for the second time as a relief work during the recent famine of 1897 when a sum of Rs 43,460 was spent on it and charged to 33 Famine Relief and the following works were done.

(1)	Earth work for bund	1289·951 Units
(2)	— do — for widening bye-waste	627·600 — " —
(3)	Gravel backing	188·80 — " —
(4)	Revetment	342·00 — " —
5	The construction of two pipe sluices Except the front heads and rear cisterns	

	Rs
Famine outlay 77-78	24,837
Do 1897	43,460
Estimate now submitted	9850
Total	78,147

Rev expected 361.

The Estimate is said to be for completing the tank & should have included the normal value of the work done during famine. This is the second occasion when the anticipated return has been compared with the estimated cost of work remaining to be done —

20/6/98

3. From the accompanying sections and hydrau-lic particulars of the Tank it will be seen that a great

great deal of work still remains to be done to complete it. The Estimate now submitted provides for Every thing necessary to render the tank Complete and Effective. It also provides a sum of Rs 3025 as compensation for lands submerged by the tank, the original sanction of Rs 2130 being found insufficient.

4. In connection with the catchment area of the tank, it must be mentioned that the fact of the Existence of a dam across the drainage which enters the tank, was lost sight off in the preparation of the original Estimate. From this dam which cuts of about 6 square miles of the total area of the catchment, a supply channel is taken to feed a small tank called the "Mudinoor Tank" which is situated about two miles west of the new tank, with an ayacut of 70 acres.

5. It is believed that the Entire removal of this dam would contravene Existing rights and it is therefore proposed to construct a head sluice to the Mudinoor tank supply channel which will be closed as soon as the Mudinoor Tank has its full supply. The work which will be a simple one, has not been designed but a lumpsum provision of Rs 400 is made for it in the Estimate.

6. As stated in the previous report the tank is capable of holding about 55 millions cubic feet which at 2 cubic yards per hour per acre, is sufficient supply for 143 days for irrigating 296·36 acres or nearly a 5 months supply which is ample for raising a single crop.

7. But taking into consideration the scanty rainfall and judging from other tanks in this District the irrigation duty of which seldom Exceed 20 acres per square mile of catchment area, it is not likely that more than 190 acres can be irrigated Even from the whole catchment area of 9·75 square miles.

8. Assuming however that the return Estimated in the previous report Viz Rs 361 is realized we get a return of 3·37% on the amount of the present Estimate. This is not a brilliant prospect and considering that there are other small projects on which the limited funds available may be more profitably Employed it is not recommended that the completion of the tank be taken up at once. Its execution should be deferred or the work may be reserved for famine purposes.

9. The tank in its present state will not be a source of danger to life or property as the water can be allowed to pass through the breach.

H E Clerk
Executive Engineer,
Bellary Division.

CHIEF ENGINEER
FOR IRRIGATION.
18 JUN. 1898
No. 57 BL

Copy of letter from H. E. Clerk Esquire Exec: Engineer Bellary Division to the Supdg Engineer III Circle Bellary dated 4th June 98 No. 4127.

With reference to your endorsement No 6114 of 21st February 98, I have the honor to forward herewith plans and Estimate amounting to Rs 10700 for completing the Devagondanahalli Tank in the Hadagally Taluq.

2. The report which accompanies the estimate briefly describes the quantity of work done during the recent famine of 1897 and work still to be done to complete the tank. As stated in the concluding para of the report I do not recommend that the tank should be completed at once.

(Copy)

No. 928 I of 16 June 1898. Forwarded

Forwarded to the Chief Engineer for Irrigation Madras with reference to his Memo No. 9 B.L. dated 13th February 1898 & with a recommendation that the completion of the Devagoondanahally Tank be deferred until the work is required for famine relief purposes.

In the meantime the head sluice to the channel that supplies the Mudinoor tank might with advantage be designed & estimated for & sanctioned, when there are signs of distress in the district.

This would not be a "famine relief" work but a necessary preliminary to completing the Devagoondanahally Tank.

W. Baldwin
Lieut. Col. R.E.,
Suptg. Engineer 3rd Circle.

Enc: 13.
4 sheets of levels.
1 Report.
1 Data sheet
1 statement.
2 sheets of Earth Calculations
3 – do – detailed Este.
1 General Abstract.
13.

CHIEF ENGINEER
FOR IRRIGATION
18 JUN. 1898
51 B.L.

Public Works (189~~7~~8) Department.

IRRIGATION BRANCH.
III

ISSUE No. 9 B.L.

To

The Suptg. Engineer
3rd Circle

(Reply to letter No. 5-78 P., dated 2-2-98

Dated 13. 2. 98
Despatched 16. 2. 98
Enclosures *

* Particulars of Enclosures.

SUBJECT

Devagondanahalli Tank–
Bellary.– States with re-
marks that it is not clear
whether Govt. should incur
the expenditure of Rs 3025
for land compensation for
the –

✓

Indexed

For
Irrig
his
1898
tho
Tan
re

E. I. Form No. 13—2,000—1-11-97.

BACK PAPERS.

No.	Date.
R13 B.L	2-2-98

Sent to Government with No. I., dated 1897.

Printed with G.O., No. I., dated 189

REMINDERS ISSUED.

No. 1, dated 189
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS.

FURTHER PAPERS.

No.	Date.
157 B.L	16-6-98

III

E.W. 9 B.L. d/13-2-98

Dwagondanahalli Tank
Bellary

With reference to letter No 5789 d/2-2-98 from the S.E. III Circle the undersigned has the honour to observe that ~~it being now reported that~~ a provision of Rs 3025 is required for land compensation and the work being no longer required for famine relief purposes — the conditions under which the sanction was originally given ~~[illegible]~~ no longer exist

It is not reported how much work has been done and what remains to be done or to what extent Government is committed to further expenditure on the work —

It does not seem clear from the S.E.s letter whether the proposals to close the famine estimate and to submit a fresh estimate for works still remaining to complete the ~~[illegible]~~ tank involves a still further increase in the amount of the estimate besides the Rs 3025 for land compensation or not and it is therefore not clear whether Govt. should incur this expenditure of Rs 3025 for land

~~for orders whether the S.E. should be addressed as above — a draft order sanctioning the Rs 3025 is also put up~~ J.H. 13/2/98

To
The Supdg Engnr
III Circle

J.H. 13-2-98

GUC 11
6/27/58

[illegible] L

ublic Works (1898) Department.

CURRENT No. 13 BL.

From the Supdt. Engineer
3rd Circle
Bellary

Order

No. 5789 I

Dated 2d February 1898

Received 5 — do —

Registered

Enclosures

Spare copies

SUBJECT.

Devagundumahalli
Tank:
Requesting sanction of Government to prepare a fresh estimate for works still remaining to complete the construction of —

F. E. I.

Draft proposal for approval

[illegible] 10/2

ICCS
4/2/98

7/2

Bg-2-98

[illegible] 4/2

BACK PAPERS.

No.	Date.
R 273 L	14-1-97

FURTHER PAPERS.

No.	Date.
J 9 B2	13-2-98
R 57 B2	16-6-98

Supdg: Engineer's Office, III Cir

No. 5789 J 2d February ~~January~~ 1898.

From

J. C. Larminie Esqr M. I. C. E.

Superintending Engineer, III Circle,

Bellary.

To

The Chief Engineer

for Irrigation,

Madras.

Sir,

I have the honour to state that completing the construction of Devagundanahalli tank in the Bellary Division was taken in hand during the late Famine but the construction could not be completed before the famine works were closed and the Executive Engineer Bellary Division therefore proposes to close the estimate for Rs 8,630 sanctioned for the work in G. O. No. 16 J dated 5th January 1897 and submit a fresh one for works still remaining to complete the construction.

Flag F.

2. In G. O. quoted above no provision was made for land compensation but the amount will be included in the new estimate that will be submitted for sanction; in the meantime the Divisional Officer at the instance of the Collector requests sanction of Govt.

Government for paying the compensation which as at present proposed is Rs 3,025 so that the Collector may submit to Government the draft declaration for approval and publication in the Fort St George Gazette. I therefore request that you will be good enough to obtain the necessary sanction of Government.

I have the honour to be,

Sir,

Your most obedient servant,

Depty: Engineer, III Circle.

19590

CHIEF [illegible]EER
FOR [illegible]ON.
5 FEB. 1898
No. 13BL

81