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Public Works (1897) Department.

G.O., No. 258 I

DATED 15. March 1897

16/3/97

[Despatch Abstract.]

Pinnapally tank: Estimate of Rs. 36600 for restoring and improving —, Bellary Dt, sanctioned under "33. Famine Relief".

90/6

1897

Indexed 6/4/97

BACK PAPERS.

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

FURTHER PAPERS.

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

IRRIGATION.
ACCOUNT.

Government (1897) of Madras.
PUBLIC WORKS.

of

Recd. } 1897. *Enclosures*
Regd. *Spare copies*

G.O., No. 258 I., 15th March 1897.

MARCH.

Pinnapally Tank

Estimate of Rs. 36,600 for restoring and improving —, Bellary division, sanctioned under "33. Famine Relief."

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers :—

From K. C. MANAVEDAN RAJA, Esq., B.A., Acting Collector of Anantapur, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture (through the Chief Engineer for Irrigation), dated 16th February 1897, Ref. on C. No. 81.

In reply to Board's Proceedings, Mis. No. 66, dated 6th January 1897 (Revenue Settlement, Land Records and Agriculture), I have the honour to submit herewith, for the sanction of Government, duly countersigned, plans and estimates amounting to Rs. 45,800 for restoring and improving the Pinnapally tank, Tadpatri taluk.

2. Copy of the Superintending Engineer's letter, No. 3854, dated 10th February 1897, expressing his opinion on the above work is also submitted for information.

ENCLOSURES.

REPORT to accompany the estimate for restoring the Pinnapally old tank, Tadpatri taluk.

	RS.
Estimate	36,600

The tank is situated to the north of Pinnapally village, latitude 15° 4′ 0″ and longitude 77° 55′ 0″. The bund has been twice badly breached. It is now proposed to restore it as a famine work.

The catchment, 13·29 square miles, is hilly and free from other tank. The maximum flood discharge will therefore be 2,240 cubic feet per second, taking C = 400.

With F.T.L. at 59·00, the capacity will be 33·6 millions cubic feet, sufficient for 155·5 acres with one filling of the tank.

The total length of the proposed bund will be 4,370 feet (*vide* sheet No. 2 of the accompanying levels). The head at which it is proposed to pass the calculated flood discharge is 1·5 foot; the length of byewash required being 520 feet. This will consist of a paved byewash 10 feet broad (*vide* plan).

Sluice.—A new sluice with sill level at 45·00 will be required; its site is proposed near C.S. No. 60 (*vide* sheet No. 2); this sluice will cost Rs. 1,000.

The existing sluice will require a new head, and slight repairs in rear estimated at Rs. 534.

The estimate provides for forming the bund with top level at 66·00 crest of escape 59·00, M.W.L. 60·50, top width of bund of 9 feet front slope revetted to one above M.W.L.

Provision has been made for compensation of land, but not for the capitalized value of the revenue abatement, Rs. 152–10–0.

The work will not be a productive one.

The correspondence marked A, B and C herewith enclosed give the history as to the preparation of the estimate.

The capacity of the tank at contour + 59 is 33·6 millions, sufficient for 155·5 acres.

The adjoining Bogasamudram tank sometimes irrigates as much as 24 acres per 5·9 mile of catchment, and I have allowed this.

The total cost stands as under work :—

	R.
Estimate	30,600
Land compensation	6,000
Revenue abatement capitalized at 15 years Rs. (153 × 15) ...	2,280
Establishment and tools and plant at 23 per cent. on Rs. 30,400, say	7,120
	36,600

The possible result would be 314 acres at Rs. 4, or Rs. 1,256 giving a percentage of Rs. 2·7. It has not been practicable to go into details very closely on the ground, and the estimate is forwarded, as if it is done at all, it should be now.

(Signed) J. F. SOMERS-EVE,
Executive Engineer.

From W. B. DEWINTON, Esq., Superintending Engineer, III Circle, to the Collector of Anantapur, dated Bellary, 10th February 1897, No. 3854.

With reference to your Ref. No. 81, dated 10th January 1897, to the address of the officer in charge of Bellary division, I have the honour to forward, for your countersignature and transmission to the Board of Revenue for obtaining the sanction of Government, plans and estimate amounting to Rs. 45,800 for restoring and improving the tank (Pinnapally), near Yadiki, Tadpatri taluk, Anantapur district.

2. The report attached to the estimate explains the work it is now proposed to carry out and also shows that the revenue obtainable is unlikely to pay more than 2·7 per cent. on the cost of the estimate.

3. It is only, therefore, as a fa ne-relief work that I recommend the estimate for sanction; and for this purpose it is specially suitable, because it is situated in an affected district and adjacent to a large village of over 4,000 inhabitants, the head-quarters of a Deputy Tahsildar who could supervise payments, kitchens, &c.

No. 58 I.

Note by the Chief Engineer for Irrigation.

The estimate, as corrected in this office, amounts to Rs. 36,600 and is recommended for sanction as a famine-relief work. The reduction of Rs. 9,200 is due to the elimination from the estimate of the provision made for establishment, tools and plant, &c., charges which are required to be provided only in the case of minor works costing the aggregate more than Rs. 50,000 (*vide* paragraph 8, chapter IX, Volume II, blic Works Department Code).

2. From the best data available it is considered that the tank should irrigate 314 acres in ordinary years, the revenue from which, after allowing for maintenance, would be over Rs. 1,000, or about 2 per cent. on the cost of the work.

9th March 1897.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

ORDER—No. 258 I., dated 15th March 1897.

The following estimate is sanctioned :—

Irrigation.
33. Famine Relief.
Minor Works for which neither Capital nor Revenue Accounts are kept, P.W.D.
Bellary Division.
Original Works.
Restoring and improving Pinnapally tank.

	RS.
Estimate	36,600

2. This sanction is registered as No. 201 I. of 1896–97.

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, III Circle, with twenty-one enclosures.
,, Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar,

Restoring & Improving Pennapalli tank

A

In Ms 55 I III Circle

H.E. N° 258 I of 15.3.97

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

Public Works (1897) Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Current No: 2628

Recd: 13-3-97

UNDER date the

Enclos: 24 (+10 plans)

READ the following

From Collector of Anantapur No. 81 d/ 16 Feb /97.

Print with Read & Estimate

No. 58: I d/ 9.3.97

Note by the Chief Eng. for Irrigation.

5 P

The estimate as corrected in this office amounts to Rs 36,600 & is recommended for sanction as a famine relief work. The reduction of Rs 9,200 is due to the elimination from the estimate of the provision made for establishment, tools & plant &c charges which are required to be provided

DS

Issue

W.H. 12.3.97

I

Kcc 12/3/97

only in the case of Minor works costing in the aggregate more than Rs 50,000 - vide para 8, Chapter IX, Vol II, P.W.D. Code.

2. From the best data available it is considered that the tank should irrigate 314 acres in ordinary years, the revenue from which after allowing for maintenance would be over Rs 1000 or about 2 per cent on the cost of the work.

Order thereon.

5 The following estimate is sanctioned:—

Irrigation

33. Famine Relief

Sanctioned as a famine Relief work.

ASH
11.3.97

80

Minor Works for which neither Capital nor Revl. Accounts are kept P.W.D.

Bellary Dist.

Original Works.

Restoring & improving Pinnapally tank.

Estimate Rs 36,600

2. This sanction is registered as No. 201 I of 1896-97.

9/3
97

WH
9/3/97

F.E.I.
12/3/97

15/3/97

Regd
15/3/97

To
The Chief Engr for I.
Supdg Engr III Circle
Ex Engr P.W.D. in MSS. with encls.

9/3/97

E. I. Form No. 1—500—3-12-96.

C.E.
23-2

Public Works (1897) Department.

CURRENT No. 5. A.N.

Order 1.

From The Collector of Anantapur.

To The Bd of Rev: Sett. Thro E. I.

No. 81

Dated 16. 2. 97

Received 19. 2. 97

Enclosures

Spare copies

SUBJECT.

Pinnapally Tank, Tadpatri Taluq, Anantapur Dt — Forwards for sanction plan and Estimates amounting to Rs 45,800 for restoring and improving the —

BR

BACK PAPERS.

No.	Date.
R 4AN	9/15-2-97

FURTHER PAPERS.

No.	Date.

2

25.8

Report to Accompany the Estimate for restoring the Pennapully old tank Tad-patry Taluq.

Estimate Rs. ~~45800~~ 36600/

The tank, is situated to the north of Pennapally Village Latitude 15°-4'-0" and Longitude 77°-55'-0". The bund has been twice badly breached. It is now proposed to restore it as a famine work.

The Catchment 13.29 sqr miles is hilly and free from other tank the maximum flood discharge will therefore be 2240 Cft per second taking C = 400.

With F.T.L at 59.00 the Capacity will be ~~59558771~~ 33.6 Millions Cft sufficient for ~~275.73~~ 155.5 acres with one filling of the tank.

This was the figure taken in [illegible]

The total length of the proposed bund will be 4370 ft vide Sheet No: 2 of the accompanying levels. The head at which it is proposed to pass the Calculated flood discharge is 1.5 ft, The length of byewash Escape required being ~~400~~ ~~766~~ 520 ft. this well consist of a paved bye wash 10' broad vide plan.

Sluice

A new Sluice with Sill level at 45.00 will be required, its site is proposed near C. S. No: 60 vide Sheet No: 2 ~~&3~~ this Sluice will Cost Rs ~~1044~~ 1000.

The Existing Sluice will require a new head, and slight repairs in rear Estimated at Rs 534.

The Estimate provides for forming the bund with top level at 66.00 crest of Escape 59.00 M. W. L 60.50 top width of bund of 9 ft front slope revetted to 1 above M. W. L.

Provision has been made for Compensation of land, but not for the Capitalized value of the revenue abatement Rs 152-10.

---

3 S. R

The work will not be a productive one

The Correspondence marked A. B & C herewith enclosed give the history as to the preparation of the Estimate.

The Capacity of the tank at Contour + 59 is ~~59 558 717~~ 33.6 Millions Sufficient for ~~275.7~~ 155.5 Acres

The adjoining Bogasamudram tank some times irrigates as much as 24 acres per 5.9 miles of Catchment, and I have allowed this in anticipation

vide Cl's inspection notes of 1872 it is there said that this tank irrigates 60 acres per sq. m. of catchment

The total Cost stands as under work

Rs

Estimate ——— ~~30 180~~ ~~30 400~~ 36600

Land Compensation ——— 6000

(Indirect charges)

Revenue abatement Capitalized at 15 years. Rs (153 x 15) ——— 2280

Establishment and Tools & Plant at 23 per cent on ~~30180~~ 30400 ——— say 7120 6940

This is more than 6½ %

~~45 400~~ ~~40800~~ 36600

The possible result would be 314 acres @ Rs 4 or Rs 1256 giving a percentage of Rs $\overset{2.7}{2.8}$. It has not been practicable to go into details very closely on the ground, & the Estimate is forwarded as if it is done at all it should be now

J. Somerve
Executive Engineer

ANANTAPUR COLLECT. OFFICE REC... 12 FEB. 97 REGISTE...

CHIEF ... FOR IRRIGATION ... 97 No. 5-A-N 6

P.W. Est/262 8/97

No 3854

Superintending Engineers
Office, III Circle
Bellary 10th February 1897

From
W. B. de Winton Esqr.
Superintending Engineer
III. Circle

To
~~The~~ Collector of
Anantapore

Enclos 19.
1 Report
1 Tabular Statement
4 files of detd Calculation sheets
1 Estimate for Sluice
1 do for an Escape
1 Estd Abst.
9 Tracings
1 Plan.

Sir,

With reference to your reference No. 81 of 10th January 1897 to the address of the Officer in Charge of Bellary Division, I have the honor to forward for your Countersignature and transmission to the Board of Revenue for obtaining the Sanction of ~~the~~ Government Plans and Estimate amounting to Rs 45,800/ for restoring and improving the tank Pinna Pally near Yadiki Tadpatri Taluq Anantapore District.

2 The report attached to the estimate explains the work, it is now proposed to carry out and also shows that the tainable is unlikely

of Rs 2.8 2.7. It has not been practicable to go into details very closely on the ground, & the Estimate is forwarded as if it is done at all it should be soon

J. F. Somerville

Executive Engineer

ANANTAPUR COLLECTOR
RECEIVED
12 FEB. 97
REGISTER

CHIEF ENGINEER
FOR IRRIGATION
No. 5

Put E.I. 26/2/97

Superintending Engineer's
Office, III Circle
Bellary 10th February 1897

No 3854

From
W. B. de Winton Esqr.
Superintending Engineer
III Circle

To
The Collector of
Anantapore

Enclos 19.
1 Report ✓
1 Tabular Statement ✓
4 files of detd Calculation sheets ✓
1 Estimate for Sluice ✓
1 do for an Escape ✓
1 Estd Abst.
9 Tracings
1 Plan.

Sir,

With reference to your reference No 81 of 10th January 1897 to the address of the Officer in Charge of Bellary Division, I have the honor to forward for your Countersignature and transmission to the Board of Revenue for obtaining the Sanction of the Government plans and Estimate amounting to Rs 45,800/ for restoring and improving the tank Penna pally near Yadiki Tadpatri Taluq Anantapore District.

2 The report attached to the estimate explains the work, it is now proposed to carryout and also shows that the [illegible]ainable is unlikely

to pay more than 2.7 o/o on the Cost of the Estimate.

3. It is only therefore, as a famine relief work that I recommend the Estimate for Sanction and for this purpose it is specially suitable because it is situated in an ~~afflicted~~ affected district and adjacent to a large village of over 4000 inhabitants the ~~head~~ quarters of a Deputy Tahsildar who could supervise payments, kitchens &c.

CHIEF ENGINEER FOR IRRIGATION
No. 5 AN

I have the honor to be
Sir
Your most obedient Servant
(Signed) W. B. de Winton
Superintending Engr. III Circle

(True copy)

For Collector

E
16/2/97

81
2-97

Anantapur
COLLECTOR'S OFFICE,

No. 11 1/2 P.

Dated 16th February 1897.

From

K. C. Manavedan Raja Esqr B.A.
Acting Collector of
Anantapur

Enclosures 20
viz; the letter of the Superintending Engineer and its 19 Enclosures.

To

The Secretary to the Commissioner
of Revenue Settlement Land Records
And Agriculture
Madras.
Through the Chief Engineer for Irrigation, Madras.

SIR,

Ireply to Board's Proceedings No 66/6.1.97 Mis: Revenue Settlement Land Records and Agriculture I have the honor to submit herewith for the sanction of Government duly countersigned plans and Estimates amounting to Rs 45,800/ for restoring and improving the Pinnapalley tank Tadpatri Taluq.

2. Copy of the Superintending Engineer's letter No 3854/10.2.97 expressing his opinion on the above work is also submitted for information.

I have the honor to be
Sir
your most obedient Servant

For Acting Collector

16/2/97
1.50

From
The Collector of
Anantapore

CHIEF ENGR.
FOR IRRIGATION,
MADRAS
5 AN

To
The Secretary to the Commissioner
of Revenue Settlement Land
Records and Agriculture
Madras.

Through
The Chief Engineer for
Irrigation, Madras

Dated 16th }
Despatched 17 } February 1897
Received }

Rev. No. 81
Rev. S. E.24 2628/97
Enclosures 20

Subject

Submitting for the sanction
of Government plans and
estimates of the Pennapally
tank, Tadpatri Taluq