

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

• **Government of Madras**

Public Works DEPARTMENT

G.O. No.	1887	Press
B.P. No.		Mis. _____
Dated	24. 7. 195	6876

Not to be folded or roughly handled

No. 113-W.

No. 389. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, estimate in connection with the Gunga-paroor Gungal Tank situated in the Sidhout Taluq, Sidhout Range.

2. The nature of the work proposed for execution and the heads of account to which it is chargeable are as follow :—

ORDINARY AGRICULTURAL.

Original Works.						RS.
Extending the east weir ...	...	...	...	...	...	960
Constructing a masonry weir at the west end of the bund to replace the ruined rough stone weir ...	...	...	...	...	...	850
Repairs.						
Raising and strengthening the bund ...	...	...	...	...	...	1,830
Total ...						3,640

3. The following particulars of this tank are recorded—

Ayacut area. Acres 342 ...	...	...	...	{ Circar 216 Inam 126 }	ACRES.
Assessment. Rupees 2,613 ...	...	...	...	{ Circar 1,749 Inam 864 }	RS.
Average Revenue. Rupees 2,115 ...	...	...	...	{ Circar 1,982 Inam 133 }	"
Highest do. .. 2,318 ...	...	...	...	{ Circar 2,084 Inam 234 }	"

Expenditure during the previous four years— Not stated.

The area of the catchment basin is 85 square miles ; the maximum flood supply is calculated at 11,200 cubic feet per second for discharging which, as surplus, there are two weirs, a masonry weir 332 feet in length at the east end, and a rough stone weir 170 feet in length in a ruined condition, at the west end of the bund.

It is proposed to add an additional length of 68 feet to the eastern weir which will increase its length to 400 feet, and to construct a masonry weir at the western end on the site of the rough stone weir stated to be in ruins. Both of these weirs aggregate a length of 624 feet.

The estimate provides for the above as well as for raising and sectioning the bund and repacking the revetment.

4. Some of the rates in the estimate appear to be higher than should be necessary, *e.g.*, Rupees 3-7-0 a cubic yard for rough stone in chunam, Rupees 1-3-0 for rough stone apron, the tank being situated in a part of the country where stone is abundant. Rebuilding revetment 9 Annas a cubic yard, 6 Annas being an outside rate and 4½ Annas a common rate.

5. Each separate item of the estimate should have been totalled, *e.g.*—

Earthwork.

Reconstructing revetment ...	...	...	} Repairs.
Gravelling top of bund ..	...	...	
Extending weir (east) ...	...	...	} Original Works.
Reconstructing weir (west) ...	...	...	

Proceedings of the Madras Government, Public Works Department,
24th July 1876. No. 1,867.

and there should have been a total for repairs and another for original works. An enlarged section showing exactly how the revetment was to be reconstructed should also have been given.

6. It has not been stated whether there has been any expenditure of late years on this tank. This information should always be given.

The estimate is recommended for sanction, and it is observed that the work to one of the weirs has been commenced as emergent.

OOTACAMUND,
24th July 1876.

(Signed) A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation.
for Chief Engineer for Irrigation.

No. 390.

ORDER THEREON, 24th July 1876, No. 1,867.

1876, No. 1,867.

IRRIGATION, No. 40-A.

Account.

THE following estimate from the
 Sidhout Range forwarded by the District
 Engineer, Cuddapah, is sanctioned :—

Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
Gungal Group.	Ordinary Agricultural.	Original Works. Do.	Gungaparoor Gungal Tank.	1. Extending the east weir... ..	960
		Repairs.		2. Constructing a masonry weir at the west end of the bund to replace the ruined rough stone weir ...	850
				3. Raising and strengthening the bund	1,830
					Rs. To be carried out by the Public Works Department Officer in charge of Sid- hout Range.

2. This sanction...

2. This sanction has been registered as No. 75-I. of 1876-77.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Cuddapah.
" Collector of do.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

Exd. W. H. French.

Spare Copies

E. I. Form No. 2.

OFFICE OF THE CHIEF ENGINEER

FOR IRRIGATION.

Ootacamund, 24th July 1876.

No. 113-W.

Not by Chief Engineer for Irrigation.

Encls. 9. THE District Engineer, Cuddapah

No. 402 forwards, with his letter marginally noted, Estimate in connection
Dated 18 May 1876 with the Gungaparoor Gungal Tank situated in the
Sidhout Taluq, Sidhout Range.

2. The nature of the work proposed for execution and the heads of account
to which it is chargeable are as follow:—

Ordinary Agricultural
Original Works.

Extending the east weir — Rs. 960
Constructing a masonry weir at
the west end of the bund to re-
place the ruined rough stone weir. — 850
Repairs.
Raising & strengthening the bund — 1,830
Total Rs. 3,640

3. The following particulars of this Tank are recorded—

Ayacut area. 342 Acres (Giscar 216 2/3 acres
Inam 125 2/3 acres)
Assessment. 2618 Rs. (Giscar 1749 2/3 Rs.
Inam 868 2/3 Rs.)
Average revenue. 2115 Rs. (Giscar 1982 2/3 "
Inam 1333 "
Highest do. 2318 Rs. (Giscar 2084 2/3 "
Inam 2323 "
Expenditure during the previous four years. Not stated

The area of the catchment basin is 85 square miles; the maximum flood supply is calculated at 11200 cubic feet per second for discharging which, as surplus there are two weirs, a masonry weir 332 feet in length at the east end and a rough stone weir 170 feet in length, in a ruined condition, at the west end of the bund.

It is proposed to add an additional length of 65 feet to the eastern weir which will increase its length to 400 feet, and to construct a masonry weir at the western end on the site of the rough stone weir stated to be in ruins. Both of these weirs aggregate a length of 624 feet.

The estimate provides for the above as well as for raising and sectioning the bund and repacking the revetment.

4. Some of the rates in the estimate appear to be higher than should be necessary, e.g. Rupees 3.7.0 a cubic yard for rough stone in chunam, Rupees

1. 3. 0 for rough stone apron the Tank being situated in a part of the country where stone is abundant. Rebuilding revetment 9 annas a cubic yard, 6 annas being an outside rate and 4 1/2 annas a common rate.

5. Each separate item of the estimate should have been totalled e.g.

Earthwork	
Reconstructing revetment	} Repairs
Gravelling top of bund	

Extending weir (east)	} Original work
Reconstructing weir (west)	

and there should have been a total for repairs and another for Original Works. An enlarged section showing exactly how the revetment was to be reconstructed should also have been given.

6. It has not been stated whether there has been any expenditure of late years on this tank. This information should always be given.

The estimate is recommended for

P. 4: 1876 R. 1/2

SP. 5259

sanction and it is observed that
the work to one of the ovens has
been commenced as urgent.

Ans. Lett

Majord. b.

by Chief Engineer for Eng.
for Chief Eng. for Eng.

To
The Secretary to Govt. Br. d.

6 Oct 1876

FORMER CASES.

No. of 187 .

" "

Issue No.

Dated 24th July 1876

LATER CASES.

No. of 187 .

" "

Sent to Government with No.

18

W. of

Printed with G. O. No.

dated -

REMINDERS ISSUED.

No. 1, dated	187 .
" 2, "	"
" 3, "	"
" 4, "	"
" 5, "	"

KEEP-WITHS.

Cir - 26.7.76 P.W. 28/7.76
P.H. Shet 40 July

Issue Case.

I. E. Form No. 31.

1876 No. 54 59

Chief Engineer for Irrigation.

Receipt No. 2508

Dated 24th July 1876.Recd. 31st July 1876S^d 113. 4.

Subject:—

Gungaparoor Gungol Tank.
Buddapah District. Sub-
mits estimate for repairs to the —

ENCLOSURES. 9

E. I. Form No. 4.

P. W. Dept.

No 1867

Proceedings of the Madras Govt.

Under date the 24 July 76.

Read the following:—

Note by the Chief Eng^r for Irrigation No. 113 W
of 24th July 1876

The following Estimate from the Sidhout Range forwarded
by the District Engineer, Buddapah is sanctioned:—

Group or Project	Form	Class	Name of Tank, Canal or channel	Particulars of Work	Amount Rs.
Gungol Group	Ordinary Residential	Original works	Gungaparoor Gungol Tank	Extending the east weir	960
		- do -		Constructing a masonry weir at the west end of the bund to replace the ruined rough stone weir	850
		Repairs		Raising & strengthening the bund	1830

To be carried out by the P.W. Department
Officer in charge of Sidhout Range.

S. G. Buddapah
Collector
C. E. for S. P. W. of Buddapah
S. P. W. D. W.
Recd. 26/7/76

This sanction has been registered as No. 75. I. of 1876-77.

52/ 11-8-76

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No 389-395

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5459 (A)

Govt. of 1870 Madras.
PUBLIC WORKS.

To

The H. E. Giddapato

Debit

Credit

Real

Fictitious

G. O. 24th July 1867, No. 1867

Nos. 780-785

Gungapoor Gungal
Tank - Cuddalore D.

Estimate for the
repairs to the —
sanctioned.

Ente in P.O.
14-8-71