

(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.	3532	Press
~~B.P. No.~~		~~Mis.~~
Dated	27 - 12	1876
		— 195 —

Not to be folded or roughly handled

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(2) Date of repair _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	3553	Press
~~B.P.~~ No.		~~Mis.~~
Dated	27-12-	195
		1876

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,552.*

Read the following:—

No. 310 W.

No. 601. *Note by the Chief Engineer for Irrigation.*

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, an estimate in connection with the Veerapully Peddachervoo tank, situated in the Royachoty taluq, Madanapully 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.

Repairs.

	Rs.
Repairing the bund	140
Do. the Waddoo	500
Repairs and improvements to the weir and sluices, &c.	4,450
Total ...	5,090

3. The following particulars of this tank are recorded:—

Ayacut area Acres	451	{	Circar	376
			Inam	75
Assessment Rupees	971	{	Circar	820
			Inam	151
Average revenue "	897	{	Circar	790
			Inam	107
Highest do. "	1,082	{	Circar	931
			Inam	151
Expenditure during the previous four years				Not stated.

The area of the catchment basin is 30 square miles; the maximum flood supply is calculated at 4,487 cubic feet per second, for discharging which as surplus there is a weir with a length of 356 feet available for the surplus discharge; this weir was breached by the heavy rains of 1874, and the breaching of some of the high lying tanks. It is proposed to repair and improve the weir. The estimate also provides for raising and sectioning the bund, repairing the "Waddoo" and constructing cisterns, &c., to three Irrigation sluices.

4. The sections and plans which accompany the estimate are numerous and well executed, but there is an absence of clear explanation as to the general circumstances of the tank such as a report should convey. There are several sheets of sections of what is called the "Waddoo," and it would seem to be a supply channel part of which is of very small section, and the soil required for the repair of the banks should apparently be taken from the channel. As there is no general plan of the tank and its surroundings, this supposition can only rest on vague conjecture. The orders against the use of local terms without the English equivalent should not have been overlooked.

The greater portion of the work provided for in the estimate has apparently been executed in anticipation of sanction on the ground of its being emergently necessary which was apparently the case.

*Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,553.*

No. 603. Read the following endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 23rd December 1876, No. 315 W :—

From Major J. O. HASTED, R.E., Superintending Engineer, Kistna, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Masulipatam, 12th December 1876, No. 116.

In accordance with instructions received by telegram* from Government, I have this day despatched my first telegram stating number of coolies employed on

* 4th instant.
Famine Relief Works. My subsequent telegrams will be despatched on Tuesday of every week, that being the day on which, I understand, the Collector has been directed to telegraph.

2. The arrangements made in this district, in making which I have followed the instructions conveyed in your demi-official letters, are—one relief work has been started to the east of the river, the river embankment from Yanamalacudooroo towards the sea, to provide employment for the ordinary labor of this part of the district, as also for those in want, as distress spreads; and the extension of the Commamoor Canal from near Santaravoor to Peda Ganjam, for the employment of all famine coolies not only from the Kistna west of the river, but also from parts of Nellore and Kurnool Districts is being marked out.

3. As stated in my letter No. 103, dated 24th ultimo, I considered it necessary to start some work in the Eastern Delta, as the population of Divi was absolutely without food, and the ordinary labor of the district was beginning to emigrate in search of employment. The river embankment and East Bank Canal was the only work that could be taken up in the delta, as the wet crops have not yet been cut, and this was promptly laid out at Yanamalacudooroo and Royyoor; here there are upwards of 1,500 men at work, and they are at present doing task-work within estimated rates. Having lately been informed, however, that a large number of coolies about Nandigama are in distress, I have directed that they should be sent down to Yanamalacudooroo, and I have drawn all the labor at present on the work down to Royyoor that I may be able to separate those who are able and willing to work at usual rates, and famine coolies who can barely earn subsistence. Mr. Norris, Executive Engineer, is in charge of the whole work, and I propose to place Mr. Supervisor Taylor under him on arrival, also two Overseers. Mr. Assistant Engineer Turner has been ordered to Masulipatam to carry on the ordinary work of the division under Mr. Norris.

4. The Commamoor Canal is being marked out as proposed in my letter No. 103, dated 24th ultimo, and I am expecting daily to hear that some 2,500 coolies who were at work on daily pay on the road from Chilakaloorpad to Perala, for which funds were provided by the Local Fund Boards, are on their way to the work. Lieutenant Boddy, R.E., is in charge of the work, and Supervisor Mahommad Khassim has been sent down to assist him. Materials for hutting and tools have been despatched, also a supply of grain in case the local markets fail on arrival of the work-people, the Collector has placed a Hospital Assistant at my disposal for the work, and I have applied for a small police guard.

5. At present the arrangements for supplying food are not satisfactory; the local Comaties are quite unable to supply a large body of men, and at one time we were

Proceedings of the Madras Government, Public Works Department,
27th December 1876. No. 3,552.

The expenditure is equivalent to about 5½ years average revenue and will have been chiefly incurred in the repairs to the waste weir. It should have been stated whether there had been repairs during the previous four years in accordance with the rules.

Sanction is recommended to the estimates.

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

FORT ST. GEORGE,
20th December 1876.

To the Secretary to Government, Public Works Department.

No. 602. ORDER THEREON, 27th December 1876, No. 3,552.

IRRIGATION, No. 44-C.
Account.

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

VEERAPULLY PEDDACHERVOO TANK.
Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal or Channel.	Particulars of Work.	Amount.
..	Ordinary Agricul- tural.	Repairs ..	.. Veerapully Pedda- chervoo Tank.	1. Repairing the bund.. 2. Do. the Waddoo. 3. Repairs and improve- ments to the weir and sluices, &c. ..	Rs. 140 500 4,450
				Total ..	5,090

To be carried out by the Public Works Department Officer in charge Madanapully Range.

2. This sanction has been registered as No. 232 I. of 1876-77.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

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

Exd. E. C. Shunker.
Spare Copies

E. I. Form No. 9.

OFFICE OF THE CHIEF ENGINEER
FOR IRRIGATION,

Fort St. George 20th December 1876.
No. 310-W.

Note by Chief Engineer for Irrigation.

Encls. 14
No. 751
Dated 4 July 1876

THE District Engineer, Cuddapah, forwards, with his letter marginally noted, an Estimate in connection with the Veerapully Peddacherwoo Tank situated in the Royachoddy Taluq, Madanapully 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 Repairs

Repairing the bund.	Rs. 140
do. Waddoo	500
Repairs and improvements to the weir and sluices	4,450
Total Rupees	5,090

3. The following particulars of this Tank are recorded—

Ayacut area.	451 Acres	376 3/4 Acres
Assessment.	971 Rupees	820 3/4 Rupees
Average revenue.	897 Rupees	780 3/4 Rupees
Highest do.	1082 Rupees	931 3/4 Rupees
Expenditure during the previous four years.	Not stated	

in great difficulty on the river embankment, as even the Bezwada bazaarmen refused to sell rice. Mr. Norris was able to obtain food for the coolies one day, only by going himself into the bazaar and purchasing himself what was necessary. I have offers from the merchants of Masulipatam to supply any quantity of rice, and the Collector informs me that he has received similar offers, but the merchants say they will only deliver here, and we must arrange for transport; at Bezwada they simply refuse to sell. Under these circumstances I thought it advisable to telegraph, suggesting that the Collector should enter into contracts for the supply of grain, and I have urged him to endeavour to draw our supply from the Godavery. The combination among the merchants here is insuperable, and I am sure prices are being kept up with the idea that we shall be obliged to supply all our famine coolies with rice purchased in the Masulipatam bazaar; at present the Collector has arranged with a merchant here to send up the quantity of grain required every two days to near Mr. Norris' camp.

6. The supply on the Commamoor Canal, I think, may be arranged better. Lieutenant Boddy writes that the merchants there are willing to supply, and a large quantity of grain is certainly being sent down from Ellore. I lately passed forty laden boats in 24 hours on that canal. I am in doubts however if sufficient supplies for a very large body of men will be available, but further inquiries will be made; meantime I have requested the Superintending Engineer, Godavery, who informed me he could keep the Ellore Canal open as long as necessary, to keep it navigable till middle of March, and I am removing the obstacles to navigation which exist in the Commamoor Canal.

7. I have been informed by Lieutenant Rawson that relief coolies under him are to be paid by task-work at certain fixed rates; those coolies we have employed hitherto have paid daily wages according to their strength and work, the highest rate being $2\frac{1}{2}$ Annas a-day. I think it will be well to adhere to this arrangement, if on trial it does not clash with Lieutenant Rawson's arrangement, the two parties being but 10 miles apart.

8. I am unable at present to give any idea of the numbers of people that will come for employment. There is undoubtedly the pressure of want on the poorer classes in most of the dry taluqs of this district, but it does not seem to have amounted to famine, as the people will not yet leave their villages. I have reports of their coming out and crying for work, but refusing to go more than a short distance from their own doors to get it. In communication with the Collector I have arranged that all able-bodied coolies shall be directed at once to proceed to the works above mentioned, and they are to be told that employment cannot possibly be found for them in their villages. When these people have moved out, the balance on Local Fund Works and such allotments as can be granted for clearing prickly-pear, repairing drinking tanks, &c., we believe will suffice to keep the people who must of necessity remain in their villages employed.

9. I may here refer to your telegram of the 20th ultimo, and report that I propose continuing the manufacture of tools until I have 3,000 mamoties, 1,000 crowbars, and 10,000 baskets ready for this district. I am, in addition, despatching tools to Lieutenant Rawson at Peda Ganjam. One thousand mamoties have already gone to him, and their payment will be adjusted by transfer. One thousand three hundred and

fifty are now available for this district, also a number of crowbars and the manufacture of tools and baskets is in rapid progress. Ten thousand bamboos have been ordered at Bezwada and upwards of 10,000 purchased by Lieutenant Boddy, R.E.

10. To the arrangements above described I have to request the approval of Government. It may be thought that I have raised an alarm unnecessarily soon, but I submit that the approach of famine is sufficiently near to compel us to have our plans matured, our work ready for all comers, and food prepared on the spot. I shall not be disappointed, but thankful, if the thousands that I expect shortly to flock to our works do not appear.

11. In connection with the completion of the East Coast Canal, I am making arrangements for building a lock at Santaravoor on the Commamoor Canal, and I hope shortly to be sending down materials in large quantities.

SUBMITTED to Government.

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

No. 604.

ORDER THEREON, 27th December 1876, No. 3,553.

IRRIGATION, No. 45.

THE proceedings of the Superintending Engineer, Kistna, are entirely approved.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
" Superintending Engineer, Kistna.
" Revenue Department.

Exd. S. T. Austin.

Spare Copies

The area of the catchment basin is 30 square miles; the maximum flood supply is calculated at 14487 cubic feet per second for discharging which, as surplus there is a weir with a length of 356 feet available for the surplus discharge, this weir was breached by the heavy rains of 1874 and the breaching of some of the high lying tanks. It is proposed to repair and improve the weir. The estimate also provided for raising and sectioning the bund repairing the 'waddos' & constructing cisterns & to three irrigation sluices.

The sections and plans which accompany the estimate are numerous and well executed but there is an absence of clear explanation as to the general circumstances of the tank such as a report should convey. There are several sheets of sections of what is called the 'waddos', and it would seem to be a supply channel part of which is of very small section and the soil required for the repair of the banks should apparently be taken from the channel. As there is no general plan of the tank and its surroundings, this supposition can only rest on vague conjecture. The notes against the use of local terms without the English equivalent should not have been overlooked.

The

The greater portion of the work provided for in the estimate has apparently been executed in anticipation of sanction on the ground of its being emergently necessary which was apparently the case.

The expenditure is equivalent to about $5\frac{2}{3}$ years average revenue and will have been chiefly incurred in the repairs to the waste weir. It should have been stated whether there had been repairs during the previous four years in accordance with the rules.

Sanction is recommended to the estimates.

A. S. Scott.

Chaps. A. B.

Sy Chief Engr for Irrigation
for Chief Engineer for Irr.

To
The Secretary to Government
Public Works Department

Chap.

AB

No. 315-W

Letter from the Chief Engineer
Kistner, No 116 dated 12 Dec 76.

Submitted to Govern-
ment.

W. St George
30 Dec 76

Am. Scott

Major W. E.

By Chief Eng for Irrigation
for Chief Eng for Irrigation

1876. P.W.D.

20DEC76

From
The Chief Engr. for Engrs.

Dated 20 } Decr 1876
Decr. 20 }

Engrs. 14.

No. 310-W.

Veerapully Poddachervoo
Tank. - Cuddapah District -
Note recommending for sanction
estimate for Rs. 5090 for repairing
the —.

No. 601.

Cir 21-12-76.

Cir

E. I. Form No. 4-A.

No. 3552 of 27.12.76

From the Madras Govt
Lead the following
From the Engr. for Engrs. (H.E. No 310 of 20 Decr 76)

The following Estimate from the
Madnapally Range forwarded by the
District Engineer, Cuddapah
is sanctioned:—

Veerapully Poddachervoo Tank.

Irrigation.

Group or Project.	Fund.	Class.	Name of Tank, Canal, or Channel.	Particulars of Work.	Amount. Rs.
	Ordinary Agricultural	Repairs	Veerapully Poddachervoo Tank.	1 Repairing the bank } 2 Repairing the Wadden } 3 Repairs & improvements to the Wadden } Voluntary Rep.	140 500 4450
To be carried out by the P. W. Department Officer in charge					1 Range.

M. Cuddapah
Collector of Cuddapah
A.R. for Engrs. with 14 Engrs.
in P.W.D.
Revenue Dept.

Total Rupees 5090 " "

2. This sanction has been registered
as No. 232. I. of 1876-77.

Cir 21-12-76.

Desd 8-1-77

P.W.D.

No 375676

No 9151

From

The Chief Engineer for District

To

The Secretary to Govt.
P.W.D.

Dated 23rd December

Received

1896

Enclosure

Submits for orders letter
from the Chief Engineer Krishna
reporting the arrangements
made for carrying on
emergency certain Famine
Relief works.

No 603

No 3553

Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

27. 12. 76

Read the following:—

From the Chief Engineer for District (H.E. of 23 Dec)

The proceedings
of the Superintending
Engineers, Krishna,
are ^{entirely} ~~generally~~ approved.

M.H.

Ans

Order for District with 1 Encl. ✓
Superintending Krishna.
Recd Dept ✓
Decd 30-12-76

Govt. of 1876 Indre.

PUBLIC WORKS.

To

No. 11. G. Buddafab

Dated

Issued

Recd.

Encl.

G. O., 27th Nov 1876, No. 3552

Nos. 601 - 602

Veerapully Poddachernoor
Pank, Buddapahkiet

Gauk, Buddapakhist

Estimate for repairing
the ~~the~~, sanctuaries

the ~~the~~ sanctions

Let me say

Govt. of Madras.
PUBLIC WORKS.

To *The Chief Eng^r of Madras.*

Dated

Issued

Recd.

Encl.

G. O. No. 27 *11/27/87* No. 3553

Nos. 603/4

Famine Relief Works.
The proceedings of
the Sup^r Eng^r Victoria
relative to the exe-
cution & of, approved

For m^y B^e