

(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. 1294	(J)	Press ~~Mis.~~
Dated 24-4-	1877	.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
24th April 1877. No. 1,394.*

Read the following papers:—

No. 554. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to the Chief Engineer, Public Works Department, Irrigation Branch, dated Camp at Karanguly, 19th February 1877, No. 4,017.

I HAVE the honor to bring to your notice that the Range Officers find great difficulty in procuring the clearing of tank sluices for inspection preliminary to estimating as desired in G.O. No. 1,770 of 24th July 1862.

One list of tanks.

„ copy of a letter from the Collector, No. 630, dated 16th December 1876.

2. In one case when the Overseer neglected to insist on this procedure the estimate for a sluice has been found incorrect, and a supplemental estimate has been sent to me raising the charge from Rupees 97 to Rupees 745.

3. Through some misunderstanding of my instructions Captain Smith ordered the Overseer of Sydapett to open the sluices himself; and the first I heard of the matter was on the submission of estimate to cover the expenditure to the amount of Rupees 1,039.

4. I requested the Collector to recover these amounts from the villagers, but I fear he will not succeed. See copy of his reply enclosed.

5. I shall be obliged by your instructing me if the Government will give up the principle, and in that case if I may sanction preliminary estimates for the removal of earth. I would point out that the villagers are emboldened to resist our requisition by the concession made by Government as to the eradication of prickly-pear. No orders have been passed as to the future maintenance of banks, which have been once cleared by the Revenue Department from Irrigation Funds, but the matter is important and will not I trust be dropped.

From R. W. BARLOW, Esq., Collector of the Chingleput District, to Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, dated Sydapet, 16th December 1876, No. 630.

REFERRING to your No. 3,015, dated 29th ultimo, I have the honor to state that I fear there is no chance whatever of the ryots paying the amount (Rupees 1,101) specified in your letter, more especially in these hard times. Even in cases where ryots have agreed in writing to pay the cost of uncovering sluices, Tahsildars have experienced great difficulties in realizing the amount, which was not done in this instance.

No. 186 W.

No. 554-A.

Note by the Chief Engineer for Irrigation.

IN Proceedings, Madras Government, of the 24th July 1862, No. 1,770, the Board of Revenue reported that "ryots may undoubtedly as a general rule with perfect fairness be required to uncover sluices in tank bunds when the sluices require to be repaired." Government agreed with the Board and directed instructions to be issued to Collectors through the Board of Revenue.

2. Since 1862 the performance of any customary labor by villagers on Irrigation Works has become more and more rare, and the Collector of Chingleput now states that his Tahsildars find great difficulty in recovering the value of work done even when the ryots have agreed in writing to pay it. This is not surprising. If

*Proceedings of the Madras Government, Public Works Department,
24th April 1877. No. 1,394.*

the ryots are under an obligation, they should do the work themselves, not pay for having it done by the Public Works Department.

3. It may be assumed that generally it will take more trouble and occupy more valuable time to get villagers to do anything of the kind than the value of the work to be done is worth, and it seems therefore advisable to give up attempting to enforce the obligation and to instruct District Engineers to arrange for doing all such work through their Range Officers.

4. As to the way in which it should be done two arrangements are feasible—

(a.) By means of advances to be subsequently adjusted on the sanction of the estimate for the repair of the sluice, in which estimate the amount spent would be included.

This method has two principal advantages. It would probably restrict the cost to the actual value of the work to be done by admitting of a Village Officer being then and there advanced the means of doing it, and it would enable all that would be necessary to be done without delay and possibly while the Public Works officer or subordinate was camped at the village.

It should not lead to long unadjusted advances because the sluice must be repaired, if found to need repair, to prevent danger to the tank from the bund being left open.

2ndly.—It would prevent the multiplication of entries in the progress report.

(b.) By means of an emergent estimate. The chief disadvantage of this method would be the difficulty of making a sufficient and not an excessive provision for the work, and the necessity it would entail of a supplemental sanction were the first inadequate even to the extent of a Rupee or two. This would entail numerous registrations and otherwise multiply office work.

In G.O. No. 2,353 of the 21st August 1874, in connection with prickly pear clearances, it was considered that the best plan would be to get the villagers to do the work on promise of payment when the tank or other estimate was sanctioned, failing this advances adjustable on the sanction of the estimate were to be made. As a matter of fact many preliminary estimates for such work have been sanctioned.

5. Sluices built in accordance with the rules of the Irrigation Department will be capable of inspection without opening the bunds of tanks; but sluices of this kind* cannot be allowed for very small tanks.
*i.e., with tunnels 2 x 2½ feet as a minimum.

6. The Superintending Engineer has not explained the exceptionally high cost of Rupees 423 for opening the Ambatoor tank sluice.

FORT ST. GEORGE, (Signed) JOHN MULLINS, Lt.-Col., R.E.,
14th March 1877. Chief Engineer for Irrigation.
To the Secretary to Government, Public Works Department.

No. 39 C.

MEMORANDUM.

No. 554-B.

THE Chief Engineer for Irrigation has the honor to forward, for the perusal of the Examiner of Public Works Accounts, a letter No. 4,017 of the 19th ultimo, from the Superintending Engineer, Chingleput, with its enclosures, and a note in which ways of providing for the expense of clearing tank sluices for inspection and the preparation

*Proceedings of the Madras Government, Public Works Department,
24th April 1877. No. 1,394.*

of repair estimates are considered, and to request the Examiner to state his opinion on the subject, with a view to the issue of general instructions to the department under the authority of Government.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

14th March 1877.

To the Examiner of Public Works Accounts.

No. 554-C. From Captain L. CONWAY-GORDON, R.E., Examiner of Public Works Accounts, to the Chief Engineer for Irrigation, dated Fort St. George, 7th March 1877, No. 4 E—I.

WITH reference to your letter No. 39 C, dated 14th March 1877, I have the honor to state that if the expenditure is incurred in the preliminary examination of works prior to framing estimates such expenditure must be charged to Works. It cannot be charged to 'Miscellaneous Advances' as you proposed; this would be directly contrary to rules, moreover it would very much complicate accounts instead of simplifying them as you suppose. Instead of one entry in the Schedule of Expenditure there would be half a dozen entries in the Schedule of Miscellaneous Advances.

2. I think we may safely assume that the expenditure on preliminary examinations of this sort will not in more than about one case out of a hundred exceed Rupees 50, and up to this limit this office will not object to expenditure without estimate or appropriation provided the special nature of the charge is clearly stated in the Schedule of Expenditure as opening sluices for examination, or whatever it may be. I do not see that there will then be any difficulty requiring special treatment.

3. The papers that accompanied your letter are herewith returned.

No. 555. ORDER THEREON, 24th April 1877, No. 1,394.

IRRIGATION, No. 57.

PRELIMINARY or emergent estimates should be sanctioned by District Engineers for work of the kind referred to in this

letter, care being taken that the extent of opening made in the bund is limited to that necessary to get at the part of the sluice believed to be in need of repair.

2. The latter part of paragraph 5 of the Superintending Engineer's letter will be referred to the Revenue Department for consideration with reference to G.O., No. 1,895, dated 5th July 1876.

(True Extract.)

Lieut.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To District Engineers
To the Examiner of Public Works Accounts.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. E. C. Shunker.

Spare Copies

No. 4017

CHINGLEPUT SUPERINTENDING ENGINEER'S OFFICE,
Camp, Karaikal,
SAINT THOMAS MOUNT, 19 February 1877.
Despatch 21

FROM

THE SUPERINTENDING ENGINEER,

Chingleput.

Irrigation

TO

The Chief Engineer
for Irrigation.

Enclosure

SIR,

List of Tanks
Copy of a letter
from the Collector
No. 630 of 16th
December 1876

I have the honor to bring to your notice that the Range Officers find great difficulty in procuring the clearing of tank sluices for inspection preliminary to estimating as directed in G.O. No. 4017 of 24th July 1862.

2. In one case when the Overseer neglected to insist on this procedure the estimate for a sluice has been found incorrect and a supplemental estimate has been sent to me, raising the charge from Rs. 97 to Rs. 745.

3. Through some misunderstanding of my instructions Captain Smith ordered the Overseer of Sydapett to open the sluices himself; and the first I heard of the matter was on the submission of estimate to cover the

expenditure & the amount of Rs. 1039.

4. I requested the Collector to recover these amounts from the villagers, but I fear he will not succeed. see copy of his reply enclosed.

5. I shall be obliged by your instructing me if the Government will give up the principle, and in that case if I may sanction preliminary estimates for the removal of earth. I would point out that the villagers are emboldened to resist our requisition by the concession made by Government as to the eradication of prickly pear. no orders have been passed as to the future maintenance of banks which have been once cleared by the Revenue Department from Irrigation funds, but the matter is important, and will not I trust be dropped.

I have the honor to be

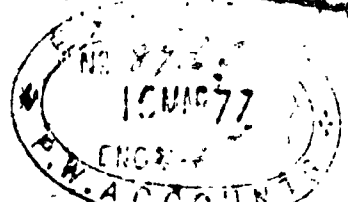
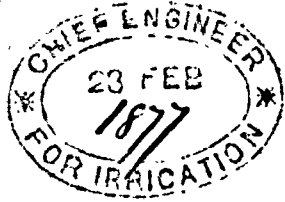
Sir

Your most obedient servant

W. B. G. S.

Colonel R. E.

Super Engineer, Chingdeput



1296

P.W.D.

14 APR 77 3931

21

Cleaning of tank
 sluices for irrigation
 having to notice
 that the Range Officer
 find great difficulty
 in procuring the
 and requires certain
 instructions -

From,
 The District Engineer
 P. & B. Engineer
 Do, Mr. Chief Engineer
 for Irrigation
 Dated 19th
 Decr 1877
 Recd 21st Decr 1877
 No. 4017

Irrigation

List of Tank sluices opened in Sydapett Taluq.

Name of tanks	Acres	Bound
Medanakam Tulukan Choolay tank	13	
do large tank	26	
Pallikaraway do do	56	
Medanakam Chittery	6	
Pallikaraway tungal	8	
Cappangary tank	17	
Medanakam Koley	7	
Kummapallem tank	8	
Ponnamullee tank	25	
Panamedutotam tank	11	
Tirusulam large tank	13	
Erumbalur tank	22	
Kadapery Puthery	45	
do Alley	10	
Palaraipetta tank	12	
Melpakam tank	22	
Tandray tank	15	
Kumbatur tank	423	
Tirumushi tank	62	
Veeraragavapuram tank	17	
Parinakam tank	15	
Tirumulanail Annamary	10	
do Atti tungal	9	
do large tank	10	
do Araputery	14	
Vilagamalakam Perumal Kaidu tungal	6	
do Gaimdapen tungal	4	
	886	

4024 April 77 S.D. R. 532

Vilagamhakan large tank	1300	886
Tirumemalay Kuran Canal	13	
Pulikora du Edumhanery	12	
Pikankaranay tank	20	
Mogapery tank	10	
Tirumemalay large tank	7	
D. Verragananery	38	
Talakannayery tank	30	
Pady tank	16	
Total Rupees		1039

H. M. S. B.

Colonel R. E.

Super Engineer Chingleput

Chief S. E. Office
Camp Karaikal
19th Feb 1877
Desp 20 — —

40 24th April 77 1039 534

Chingleput District Office
Sardar 16th Dec 1876.

no. 630.

From.

R. W. Barlow Esq.

Collector of the Chingleput District

To.

Colonel G. J. Moberly R.E.

Super Engineer Chingleput

Sir.

Referring to your no. 3015 of 29th ultimo, I have the honor to state that I fear there is no chance whatever of the ryots paying the amount (Rs. 1101) specified in your letter, more especially in these hard times. Even in cases where ryots have agreed in writing to pay the cost of uncovering sluices, Tahsildars have experienced great difficulties in realizing the amount, which was not done in this instance.

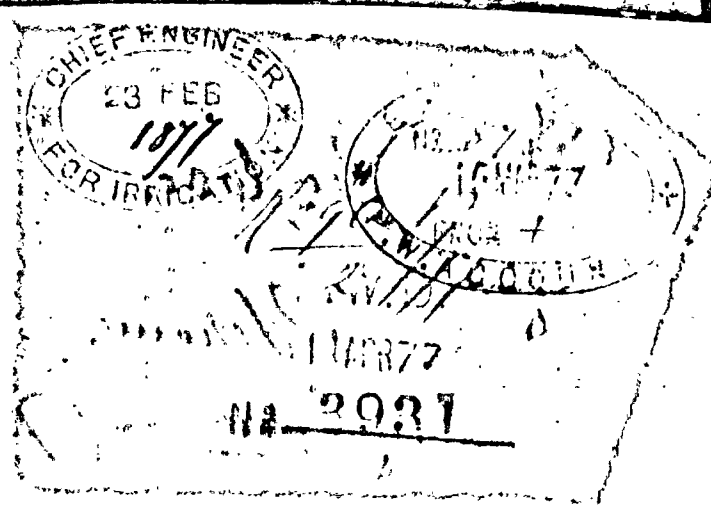
I have &c &c

19th R. W. Barlow
Collector

/ True copy /

H. M. S. B. Colonel R. E.

Superintending Engineer Chingleput



E. L. Form No. 12.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,
No. 186.W Fort St. George, 14 March 1877.

Note by the Chief Engineer for Irrigation.

Enclosures. 5.

In L. M. G. of the 21st July 1862 No. 1770 to the Board of Revenue, reported that Pyotsil may undoubtedly as a general rule with perfect fairness be required to uncover sluices in tank funds when the sluices require to be repaired. Government agreed with the Board and directed instructions to be issued to collectors through the Board of Revenue.

2. Since 1862 the performance of any customary labour by villagers in irrigation works has become more and more rare and the collector of Shingleput now states that his Tahsildars find great difficulty in recovering the value of work done even when the pyots have agreed in writing to pay it. This is not surprising. If the pyots are under an obligation

obligation they should do the work themselves, not pay for having it done by the Public Works Dept.

3. It may be assumed that generally it will take more trouble & occupy more valuable time to get villagers to do any thing of the kind than the value of the work to be done is worth and it seems therefore advisable to give up attempting to enforce the obligation and to instruct District Engineers to arrange for doing all such work through their range officers.

4. As to the way in which it should be done two arrangements are feasible

A. By means of advances to be subsequently adjusted on the sanction of the estimate for the repair of the sluice in which estimate the amount spent would be included.

This method has two principal advantages. It would probably restrict the cost to the actual

2.
154
value of the work to be done by admitting of a village officer being there & then advanced the means of doing it, and it would enable ^{all} that would be necessary to be done without delay and possibly while the Public Works officer or subordinate was camped at the village.

It should not lead to long unadjusted advances because the sluice must be repaired, if found to need repair, to prevent danger to the Jank from the hunk being left open.

Secondly. It would prevent the multiplication of entries in the Progress report.

B. By means of an interim estimate. The chief disadvantage of this method would be the difficulty of making a sufficient and not an excessive provision for the work, and the necessity it would entail of a supplemental sanction were the first inadequate even to the extent of

of a Rupee or two. This would entail numerous registrations and otherwise multiply office work.

In G.O. No. 2853 of the 21st August 1974 in connection with prickly pear clearances it was considered that the best plan would be to get the villagers to do the work on promise of payment when the tank or other estimate was sanctioned, failing this advances adjustable on the sanction of the estimate were to be made. As a matter of fact many preliminary estimates for such work have been sanctioned.

5. Sluices built in accordance with the rules of the Irrigation Department will be capable of inspection without opening the heads of tanks, but sluices of this kind cannot be allowed for very small tanks.

* i.e. with tunnels
2 x 2 1/2 ft as a
minimum.

6. The Superintending Engineer has not explained the exceptionally high

Cost of Rupees 423 for opening the Ambatur tank sluice.

Respectfully,
Sd/-
Chief Engineer for Irrigation

The Secretary to Govt.
P. W. D.

2 Feb 1877 - 355
 5 July 1876 - 1700
 - 1875 - 1895
 21 Aug 1874 - 2353
 24 July 1862 - 1770
 7 " " 1585.

1877 N.W.D.
 14 APR 77
 No. 2031
 From
 The Chief Engineer for Engrs

Dated 14 March 1877
 Despatch 14 April 1877

Incls. 5
 No. 786-N.

Clearing tank sluices for inspection
 Note suggesting ways of providing
 for the expense of — & the preparation
 of repair estimates.

LC 24 April 77 B.L. 554

Ca 16.2.77

16/3

Encls. 4

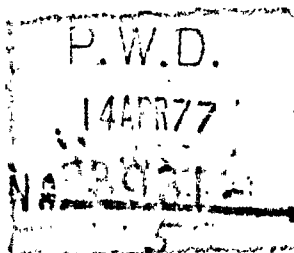
No 39-C 1911
 203-117

The Chief Engr. for Engrs has
 the honor to forward for the perusal
 of the Commission P.W. a letter No 407
 of the 19th ult.
 from the L.E. Chief Engr with its
 enclosure and a note in which
 the ways of providing for the expense
 of clearing tank sluices for inspection
 & the preparation of repair estimates
 are considered, and to request the
 Commission to state his opinion on the
 subject with a view to the issue of general
 instructions to the Department under
 the authority of Gov.

by 14/5

Papers

R.M. 29 C.A. 7. 19 Feb 77
 90 355 - 2 " " "
 " 1700 - 5 July 76
 " 1895 - 5 " " 75
 " 1585 - 7 July 62
 " 1770 24 " "
 C.M. 69 of E.I.
 90 2353 - 21 Aug 74
 Reg no 21.C. 7. April 77



FROM L. CONWAY-GORDON,

EXAMINER, P. W. ACCOUNTS.

TO THE CHIEF ENGINEER,

FOR IRRIGATION.

NO. 4. E. 2

FORT ST. GEORGE. 7TH. MARCH. 1877.

SIR,

WITH REFERENCE TO YOUR LETTER NO. 39. C. DATED 14TH.

MARCH 1877, I HAVE THE HONOR TO STATE THAT IF THE EXPENDITURE IS INCURRED IN THE PRELIMINARY EXAMINATION OF WORKS PRIOR TO FRAMING ESTIMATES SUCH EXPENDITURE MUST BE CHARGED TO WORKS. IT CANNOT BE CHARGED TO 'MISCELLANEOUS ADVANCES' AS YOU PROPOSED; THIS WOULD BE DIRECTLY CONTRARY TO RULES. MOREOVER IT WOULD VERY MUCH COMPLICATE ACCOUNTS INSTEAD OF SIMPLIFYING THEM AS YOU SUPPOSE. INSTEAD OF ONE ENTRY IN THE SCHEDULE OF EXPENDITURE THERE WOULD BE HALF A DOZEN ENTRIES IN THE SCHEDULE OF MISCELLANEOUS ADVANCES.

2. I THINK WE MAY SAFELY ASSUME THAT THE EXPENDITURE ON PRELIMINARY EXAMINATIONS OF THIS SORT WILL NOT IN MORE THAN ABOUT ONE CASE OUT OF A HUNDRED EXCEED RS. 50 AND UP TO THIS LIMIT THIS OFFICE WILL NOT OBJECT TO EXPENDITURE WITHOUT ESTIMATE OR APPROPRIATION PROVIDED THE SPECIAL NATURE OF THE CHARGE IS CLEARLY STATED IN THE SCHEDULE OF EXPENDITURE AS OPENING SLUICES FOR EXAMINATION, OR WHATEVER IT MAY

FROM THE EXAMINER.

P. W. ACCOUNTS.

TO THE CHIEF ENGINEER,

FOR IRRIGATION.

NO. 4. E. I.

DATED. 7TH. APRIL. 1877.

RECD.

ENCLO. 4.

REGARDING THE ADJUSTMENT IN THE
ACCOUNTS OF EXPENDITURE INCURRED IN
THE PRELIMINARY EXAMINATION OF
WORKS PRIOR TO FRAMING ESTIMATES.

49 24th April/77 J.B.L. 532
le

E. I. Form No. 22.

N^o 1394

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the

24th April/77

Read the following:—

Letter from the Supg. Engineer
Chingleput. - - - - -

M.C. N^o 4017 dated 19 Feb/77

Note by the Chief Eng. for Sirign.

N^o 186. W of 14 March 1877

Memo to Examiner P. W. Accts.

N^o 39C of 14 March 1877

Letter from Examiner P. W. Accts.

N^o 4 E. I. of 7 April 1877

The Conclusion which the Examiner
is prepared to make would be
of little practical value, and it
will be better to restrict the
limitation formally stated.

L.B.

Preliminary or emergent
estimates should be
sanctioned by the Dist
Engineers for work of the
kind referred to in this
letter, care being taken
that the extent of
opening made in the
fund is limited to that
necessary

77k

necessary to get at the
part of the sluice behind
to be in need of repair.

2. The latter part of
para 5 of the Superintending
Engineer's letter will be
referred to the Revenue
Department for considera-
tion with reference to
L.O. No. 1895 dated 5th
July 1877
Aug. 14/4

S.R. ✓
W.P.A. ✓
Chr. for J. ✓
Rev. D. Cpt. ✓
Despd - 9-5-77

Wes

Sub

103931
Govt. of 1877 Madras.

PUBLIC WORKS.

To, District Engineer

Dated

Issued

Recd.

Encl.

G. O. 24 April 1877, No. 1391

Nos. 554-555

Clearing of tank sluices
for inspection preliminary
to estimating. - Passing
orders on letter from the
Superintendent
bringing to notice the
difficulty in procuring
the —

Entd. in Reg.