

(1) Number of pages 20
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3432	Press <u>Mis</u>
7-8 Dated 2-11-1868.	

Not to be folded or roughly handled

4-12-843

*Proceedings of the Madras Government, Public Works Department,
2nd November 1868.*

No. 7. Read the following letter from the Superintending Engineer, 3rd Division, to the Chief Engineer for Irrigation, dated Bellary, 3rd October 1868, No. 2,428 :—

1. I have the honor to submit, for the sanction of Government, the accompanying estimate,* &c., for improving the Arrikerra tank in the Auloor talook, Bellary District. The bed of the tank has silted up a good deal, and the tank is now not capable of holding sufficient water for its acreage. In 1866 the tank was filled, but, as may be seen from the accompanying statement, only about three-fourths of the Ayacut was cultivated.

* Rupees 950

2. If improved it is calculated that not only will the whole of the Ayacut land be brought under cultivation, giving twelve per cent. on the expenditure, but that a further increase of three per cent. will be obtained by the cultivation of eight more acres assessed at Rupees 30.

3. The amount can be met from the allotment for "Repairs, Agricultural," in the Bellary District.

Memorandum from the Chief Engineer for Irrigation, to the Secretary to Government, Public Works Department, dated Fort St. George, 14th October 1868.

1. The estimate submitted with the foregoing letter provides for raising the bund and escape of the Arrikerra tank four feet and three feet respectively. It appears that the bed of the tank has been raised by gradual silting to the amount of very nearly seven feet, and that its capacity must be increased to enable it to store a sufficient supply of water for the lands under it.

2. The work must, in my opinion, be carried out from the allotment for Minor New Works, instead of from that for "Repairs, Agricultural," as proposed by the Superintending Engineer.

3. The estimate has been carefully drawn up, and is recommended for the sanction of Government under the following heads :—

Supply of Tanks.

New Works, Masonry ..	Rupees 334
Earthworks ..	616
	950

(Signed) J. C. ANDERSON, Colonel, R. E.,
Chief Engineer for Irrigation.

No 8. ORDER THEREON, 2nd November 1868, No. 3,432.

IRRIGATION, No. 1.

1. With these papers the Chief Engineer for Irrigation submits an estimate of Rupees 950 for raising the bund and escape weir of the Arrikerra tank in the Bellary District, and explains that, as the bed of the tank has silted up considerably, the proposed improvements are

*Proceedings of the Madras Government, Public Works Department,
2nd November 1868.*

absolutely necessary to admit of a sufficient supply of water being stored for the dependent cultivation.

2. The Government accordingly sanction the estimate, and approve of the cost of the work being charged to the allotment for Minor New Works under "Agricultural" in the Bellary District, as recommended by Colonel Anderson.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 3rd Division.

- „ Accountant General.
- „ Controller of Public Works Accounts.
- „ Revenue Department
- „ Chief Engineer for Irrigation.

Cert. of (1863) Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

2nd DIVISION.

&c. &c. &c.

Dated November, 2nd

Recd.

Encl

G. O., 2nd November 1868, No 2,432.

NOTED.

Nov. 7-3

Recd.—Amount of Rs. 950 for
repairing the— at the— of the Anti-
Leprosy, in the Bellary District, sanc-
tioned.

No. 2428

Supdy. Engr. Office 352.
Bellary 3rd October 1868

From

The Superintending Engineer
3rd Division

To

The Chief Engineer for Irrigation
Madras

Ref.

Rs. 950.

I have the honor to submit
for the sanction of Government the accompanying
Statement for improving the Arrikkam
Tank in the Anuradhapur District, Bellary District.

The bed of the tank has settled up a good deal
and the tank is now not capable of holding
sufficient water for its acreage. In 1866 the
tank was filled but as may be seen from
the accompanying statement only about
3/4 of the Ayyar was cultivated.

2 If improved it is calculated that not
only will the whole of the Ayyar land be
brought under cultivation, giving 12 per cent
in the expenditure but that a further increase
of 3 per cent will be obtained by the cultivation
of 8 more acres assessed at Rs. 30

3 The amount can be met from the
allotment for "Repairs Agricultural" in the
Bellary District.

I have seen.
D. M. S. Majumdar
Supdy. Engineer 3rd Div.

The estimate submitted with the foregoing letter provides for raising the bund and escape of the Arrikerra tanks, 1 1/2 feet and 3 feet respectively. It appears ^{that} the bed of the tanks has been raised by gradual silting to the amount of very nearly 7 feet, and that its capacity must be increased to enable it to store a sufficient supply of water for the lands under it.

The work must, in my opinion, be carried out from the allotment for minor new works, instead of from that for repairs agricultural as proposed by the Superintending Engineer.

The estimate has been carefully drawn up, and is recommended for the sanction of Government under the following heads.

Supply of Tanks

New works - Masonry	Rupus	334
Earthworks	"	616
"	"	950

Fort St George.
11th October 1860

I W Andrus R. Esq.
Chief Engineer for Irrigation

To The Secretary to Government P. W. S.

1860-61.
From
The Deputy Engineer
340.
The Chief Engineer
for Irrigation
P. W. S. Esq.
Dated 11th October 1860.
Recd. 8th Nov. 1860.
Encls. 4.
No. 2225.
Toward Estimate for
sanction for improving the
Arrikerra tank amounting
to Rupus 950/-

2445
993982/68

1871/1868 Oct 4
Chief Engineer

also Chief Engineer
for transportation
also Secretary
to Government

Dated 11th
Nov 2/5

Enclosure 5th
Recommendation for
the sanction of Government
on estimate amounting to
Rs 950 for 111,000
sq ft of timber and
the Bellary District

No 3432-2 and Nov 1/68

copy

2195 Oct 17/68 D.R. 266

"No. 100" — Agricultural — "Migration"
 "No. 100" — Bellany District —
 "No. 100" — Salug District —
 "No. 100" — ^{ABSTRACT} —
 Showing the Bound and Balance of
 the Chittagong District — Vice-Collector's letter No. 334 of 18-10-1880

Quantities	DESCRIPTION OF WORK	Rate.	Amount.	Total
35.8	Cutting Slabs Rock	2 1/2	78 1/2	78 1/2
847 1/2	Off: stone in Chittagong	" 4	211 1/2	211 1/2
1423	Expos: Earthwork	" 1	355 1/2	355 1/2
1423	— — — — —	" 6	111 1/2	111 1/2
344.3	— — — — —	" 5	172 1/2	172 1/2
	Summit @ 5 per Cent			43
	Superintendence @ 5 per Cent			113
	Total Amount			749 1/2

A. M. S. M. S.
 Superintendent
 Chittagong District
 25 August 1880
 C. S.

Specification to Accompany Estimate
for raising the Bund and Waste Works
of the Arrikerra Tank. As called for by
the Collector of Bellary No. 334 of 18 April 1880

- I Amount of Estimate Rupees 949-4-0
- II Present Acreage under the Tank

Linear	^{acres} 74-18-8	Revenue	343-15-0
Mean	21-25-12	Do	74-11-0
	96-4-4		118-10-0

during the past 5 years. The Actual Cultivation has been

	Acres	Assessment	Total	Quantity of water in the tank
Tusly 1273	17 10-9	93-1-0		
	2-1-1	6-7-0	99-8-0	6 Acres
1274	35-39-12	170-10-0		
	3-28-4	11-15-0	185-9-0	4 "
1275	15 7-14	85-6-0		
	2-6-6	6-13-0	92-3-0	6 "
1276	47-11-7	229-10-0		
	21-14-12	72-15-0	302-9-0	16 "
1277	1-31-8	7-0-0	7-0-0	3 "
		Total	686-13-0	
		Average in 5 years	137-5-10	

- III If the proposed improvement be made the following additional land may be brought under wet Cultivation - 8 Acres yielding about 30 Rupees.
- The proposed improvement is recommended

189/209 5/11/80

water to cultivate the Aqueduct of the
Tank which its present Capacity is
not equal to as in July 1876 altho
water passed over the Waste Weir the
Quantity left in the Tank was suffi-
-cient only for $\frac{2}{3}$ of the proper Aqua-
-duct this is owing to the Tank having
silted

The expected increase of Revenue will be
dependent greatly on the Rainfall of the
5 years for which the Revenue State-
-ment is given, the Rainfall of 4 was
very much below the average & the Sup-
-ply to the Tank only equal to $\frac{1}{2}$ its
Capacity. undoubtedly these years were
years of great scarcity all over the Dis-
-trict and it is to be hoped will not
often occur again, had the Tank in
1876 been in a condition to hold as
much water as it will be when the
proposed improvement is carried out
an additional Revenue of 116 Rs could
have been obtained which would be equal
to 12.2 per cent on the proposed Expen-
-diture, if to this 116 Rs. the Revenue
from 8 Acres (about 30 Rs) proposed
to be converted from dry to wet cul-
-tivation be added the total will be Rs.
or 15.6 per cent

The Tank is of the 2^d Class and
-Government property its area is
about Sqyrs. 353.005 and when full
contains

15
Contains about 76.010 Cys. of water
by raising the Waste Weir 1 yard an addi-
-tional Quantity of 100,000 Cys could
be obtained making a total of 1,106,010 Cys.
sufficient for 138 Acres. The source of
supply is by Sandy Jungle Streams
that carry the drainage from $2\frac{2}{3}$ Square
miles The Band. Shuwa and Waste
Weir are all in good order

J. W. R. M.

Govt. Range Officer
25th August 1878.

Asst. Surveyor
Rich. Govt. Range

W. H. M. S. S.
Superintendent

Public Works Department
No 3432

Proceedings of the Madras Government
Under date the 2nd ^{Nov} ~~Oct~~ 1868
Read the following

From the Chief Engineer for Irrigation
3rd October 1868

With these papers
the Chief Engineer for
Irrigation submits an
estimate of Rs. 950 for
raising the bund and
expansive work of the Ari.
Kena Tank in the
Bellary District, and
explains that as the
bed of the tank has
silted up considerably,
the proposed improvements
are absolutely necessary
to admit of a sufficient
supply of water being
stored for the dependent
cultivation.

Wm

A. A.

William Michael
Chief Engineer

Chief Engineer

1868/69

3432

Abstract Estimate
for raising the bund
and expansive work
of the Ari Kena tank
in the Bellary District

20000

The Government
accordingly sanction the
estimate, and approve
of the cost of the work
being charged to the
allotment for Union
New Works under Agr.
cultural in the Bellary
District as recommended
by Colonel Anderson.

W.A.

476

- 6. Engr^y 3rd Div ✓
- 3. Acct^y Genl ✓
- 4. Controller ✓
- 21. Rev Secy ✓
- 3. Chief Engr ✓
- for agr^y ✓

20000

346

Cue 3982

Oct 1868

PUBLIC WORKS.

The Superintendent of
3rd Division

San Francisco

1st

5

2nd House 3432

Act

7-8

Sum Estimate of \$2350 for
raising the ~~and~~ and escape water
of the Arriba tank in the
Barang 2nd, San Antonio.