

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	1941	Press Mis
²³⁵⁻³⁶ Dated	13-7-	191868

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
13th July 1868.*

No. 235. Read the following Proceedings of the Madras Government in the
Public Works Department:—

Passing orders on letter from Superintending
Engineer, 4th Division, re-submitting plans
and estimates of the project for raising and
improving the Koovallor, Naickenary, and
Nullalem tanks in North Arcot. (Here enter 8th July 1868, No. 2,167.)

No. 236. ORDER THEREON, 13th July 1868, No. 1,941.

Irrigation, No. 6.

Communicated to the Revenue Board.

(True Extract.)

(Signed) H. SEWELL,
Acting Under Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 2,167.

Erd. S. T. Augustin.

*Proceedings of the Madras Government, Public Works Department,
8th July 1868.*

No. 174. Read the following letter from the Superintending Engineer, 4th Division, to the Joint Secretary to Government, Irrigation Department, dated Madras, 30th May 1868, No. 1,045:—

1. With reference to G. O., No. 27, dated 20th November 1867, I have the honor to re-submit, with the necessary plans illustrative of the project, the three estimates amounting in the aggregate to Rupees 12,000, for raising and improving the Koovaloor, Naickenary, and Nullalem tanks in the Wandiwash talook, North Arcot District, therewith returned

1	Abstract estimate, Rupees	4,500.
1	Do.	3,600.
1	Do.	3,900.
1	Survey.	
2	Sections of water spread.	
1	Ayacut Statement.	

2. The papers have now received the approval of the Collector of North Arcot, who has also furnished an Ayacut statement which is enclosed.

3. The survey exhibits the positions of the tanks, and how they stand with reference to the Cheyaur Anicut main channel, while the sections and plans show the present and proposed capacities of the tanks, and the description of the masonry works intended to be constructed.

4. The works contemplated to the first named tank are, raising embankment 3 feet, re-packing old and adding new revetment, raising calingulah 3 feet, and constructing a permanent calingulah in lieu of the present loose stone one; to the second, raising embankment $4\frac{1}{2}$ feet, re-packing old and adding new revetment, raising present calingulah or head work of channel 3 feet, re-placing the guard stones and constructing a 12 yards sluice; to the third, raising embankment $4\frac{1}{2}$ feet, re-packing old and adding new revetment, re-constructing a 24 yards sluice, and raising calingulah or head 3 feet.

5. It is stated that the Koovaloor and Naickenary tanks hold each a six months' supply of water, and the Nullalem a five months' supply. The proposed works will provide increased storage for about $1\frac{1}{2}$ millions cubic-yards, and will enable the tanks to hold a twelve months' supply each, the water being derived from the Cheyaur Anicut main channel, the section of which has lately been largely increased.

6. The Ayacut statement, furnished by the Collector of North Arcot, shows that the works will not be directly remunerative; but the increased supply of water that will go down the main channel, consequent on its section having been doubled, renders it necessary that the tanks, which are reported to be in a weak and even dangerous condition, should be strengthened, to enable them to stand the extra pressure that will be brought upon their banks.

Chengadu.	Chittamoor.
Irroongul.	Agalvady.
Thavasee.	Covalavadoo.
Anacavoor.	Pushangoor.
Moorocay.	Cumen.
Marandal.	Vengoorum.
Paumbalay.	Moonmay.
Thundalum.	Wandiwash.

7. Moreover, from their situation these tanks will act as storage reservoirs for the supply of the following tanks marginally named, which are connected with them.

8. Under all the circumstances of the case, I think it very desirable that

the works should be carried out, and I recommend them for sanction from the fund set apart for the purpose in the Budget. *Vide* Items Nos. 179, 180, and 181.

*Proceedings of the Madras Government, Public Works Department,
8th July 1868.*

9. On a recent urgent application from Mr. Bevan, I have allowed him to commence the works.

MEMORANDUM.

1. The estimates submitted with the foregoing letter from the Superintending Engineer of the 4th Division provide for the improvement of three tanks under the Cheyaur Anicut, which are reported to be in a weak and even dangerous condition, and incapable of withstanding the additional head of water due to the increased supply of the main channel, consequent on its section having been enlarged. By far the largest part of the proposed outlay is for simply raising the embankments 3 to 4½ feet, and for strengthening the rough stone revetment: and considering that these will serve to improve the tanks permanently, besides affording additional storage for the supply of a number of smaller tanks, I would recommend the estimates for the sanction of Government.

Memorandum attached to G. O., No. 1,184, dated 20th April 1868.

2. Agreeably to the new classification proposed by Colonel Strachey, the estimates should be sub-divided in the following manner:—

<i>Cheyaur Anicut Channel, Koovaloore tank.</i>				RS.	A.	P.	
Masonry works	...	...	...	674	0	0	
Sundries...	...	...	...	17	0	0	
				691	0	0	
Earth-works...	...	...	...	3,722	0	0	
Sundries...	...	...	...	87	0	0	
				3,809	0	0	4,500
<i>Nullalem tank.</i>							
Masonry works	...	...	...	624	11	0	
Sundries...	...	...	...	20	5	0	
				645	0	0	
Earth-works...	...	...	...	3,174	0	0	
Sundries...	...	...	...	81	0	0	
				3,255	0	0	3,900
<i>Naickenary tank.</i>							
Masonry works	...	...	...	382	0	0	
Sundries...	...	...	...	13	0	0	
				395	0	0	
Earth-works...	...	...	...	3,110	0	0	
Sundries...	...	...	...	95	0	0	
				3,205	0	0	3,600
Total ...							12,000

*Proceedings of the Madras Government, Public Works Department,
8th July 1868.*

3. With reference to the last paragraph of the Superintending Engineer's letter, I would recommend that he may be authorized to proceed with the works in question from the allotment in the Budget for the current year "for improving the channels under the Cheyaur Anicut," as the revenue account of the latter work must necessarily embrace the expenditure and returns due to all the subsidiary works.

No. 159, Rupees 20,000.

FORT ST. GEORGE,
2nd June 1868.

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

No. 175.

ORDER THEREON, 8th July 1868, No. 2,167.

IRRIGATION, No. 9.

1. The estimates submitted with these papers will be forwarded for the sanction of the Government of India.

2. The attention of the Superintending Engineer will be drawn to the extremely inconvenient and wasteful scale to which the survey submitted with the estimates is drawn. A scale of six or eight inches to the mile is quite large enough to show all details with sufficient clearness.

(True Extract.)

[Signature]

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.
" Controller of Public Works Accounts.
" Accountant General.
" Revenue Department.

Exd. S. T. Augustin.

Revenue 1868. July 1st
Paid for duty
172-2355.

Proceedings of the
Court. J. H. O. 172.

Dated 8th 3 July/68.
Received 10-1

82-2167.

Received on letter
from Mr. J. H. O. 172 -
and the place of the
of the report for receiving
receiving the money for
having & shall be paid in
of the report.

No. 337206

With Order.
at 1911. 13 Aug

82-1941.

Comm. to the
Revenue Board

13th July/68

14. Also to the Revenue Board with the Rev. Mr. J. H. O. 172. 13