

(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. 3545 | Press<br>Mis. |
| 232-33        |               |
| Dated 13-11-  | 1868.         |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
13th November 1868.*

No. 232. Read the following letter from the Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Salem, 17th October 1868, No. 130 :—

4 Abstract Estimates.  
4 Specifications.  
4 Surveys.  
5 Plans.

1. I have the honor to forward, for the sanction of Government, the under-mentioned estimates for the improvement of Irrigation Works in the South Arcot District :—

|                                                                                                          |           |
|----------------------------------------------------------------------------------------------------------|-----------|
| For forming a new tank at Kottakalum, in the Trinomalay talook ... ..                                    | rs. 2,740 |
| Cutting a channel from the Sashanuddy to supply Kalamaradoor tank, and constructing a head sluice ...    | 1,100     |
| Cutting a channel from the Guddelum river to supply Manaloor tank, and constructing a head sluice ... .. | 1,000     |
| Restoring a ruined tank at Nawany ... ..                                                                 | 1,380     |

2. The new Kottakalum tank will adjoin the present tank of that village. The estimate provides for raising and strengthening a bank thrown up some years ago, building a calingulah in the old tank bank, and providing the new tank with a calingulah and two sluices. The tanks will be supplied from a river channel, and it is expected that, by storing more water, there will be an increase of revenue of Rupees 1,774.

3. Kalamaradoor tank is situated between Trivanalore and Oolundoorpet, and has a bund of good section, as the district road passes over it. The present revenue is nearly equal to the ayacut, but by cutting the channel the revenue will be secured and somewhat increased.

4. By cutting the channel to the Manaloor tank, it is expected that more land will be brought under cultivation, and there will not be occasion for granting remissions on account of withered crops.

5. There is no nunjah ayacut under the Nawany ruined tank, but it is expected that 100 cawnies of dry land will be converted into wet, by which an increased revenue of 500 Rupees will be obtained.

6. If these estimates are sanctioned, I expect to be able to provide funds for them in the statement of re-distribution of funds to be submitted later in the year.

No. 233. ORDER THEREON, 13th November 1868, No. 3,545.

**IRRIGATION, No. 12.**

1. With this letter the Superintending Engineer of the 5th Division submits estimates, amounting in the aggregate to Rupees 6,220, for the formation of a new tank at Kottakalum, the excavation of two supply channels from the Sashanuddy and the Guddelum rivers to the Kalamaradoor and Manaloor tanks respectively, and the restoration of a ruined tank at Nawany in the South Arcot District, and states that the execution of the works will be the means of bringing additional lands under wet cultivation, and of securing and improving the existing revenue.

*Charles R. ...*  
*Collector of South Arcot.*

Proceedings of the Madras Government, Public Works Department,  
13th November 1868.

2. His Excellency the Governor in Council sanctions the immediate execution of the works in anticipation of an allotment of funds being made later in the year.  
 (True Extract.)

Colonel, R. E.,  
 Secretary to Government.

To the Superintending Engineer, 5th Division.  
 " Controller of Public Works Accounts.  
 " Accountant General.  
 " Revenue Department.  
 " Chief Engineer for Irrigation.

Encl. S. T. Augustin.

Agricultural. 5th Division D.P.W. New Works.  
South Arcot District. No. 3 Change. Channasoor Taluq.  
Abstract. Estimate of 1868-69.

Work; Cutting a channel from the Guddilam River to supply the  
 Manalore Tank and constructing a Head Sluice.  
 This work is situated at a distance of about 3 miles to the East of the  
 115<sup>th</sup> mile of Trunk Road No 8.

| Quantity | Description of work | Per Rate | Amount | Total |
|----------|---------------------|----------|--------|-------|
|----------|---------------------|----------|--------|-------|

Earth work to Channel.

|       |                                |   |      |     |
|-------|--------------------------------|---|------|-----|
| 12601 | Cubic yards of Cutting Channel | — | 7879 |     |
|       | Sundries                       | — | 127  | 800 |

Head Sluice the same as that submitted  
for Kalamaroodoor Channel.

|         |                                   |   |      |     |
|---------|-----------------------------------|---|------|-----|
| 477 1/2 | Cub. yds of brick work in channel | — | 1428 |     |
| 7       | Concreting Stones                 | — | 175  |     |
| 2       | Cross Stones                      | — | 5    |     |
| 1       | Sill Stone                        | — | 28   |     |
| 1       | Teak wood Shutter                 | — | 7    |     |
|         | Mastoring the Sluice              | — | 10   |     |
|         | Excavating foundation & Sundries  | — | 98   | 300 |

Total amount of Estimate Rupees — 1000

Superintending Engineer's Office  
 Salem 17<sup>th</sup> June 1868

Encl. S. T. Augustin  
 Superintending Engineer S.D.

Charles R. R. R.  
 Collector of South Arcot.

Expenditure Report.

1. Excavating a Channel from the Gaddilaw River for the supply of Kinnaloo Tank in the Channarayana in the District of South. Arch.

2. Amount of Estimate Rupees  $\frac{1000}{400}$  <sup>1000</sup> <sup>1000</sup> <sup>1000</sup> and Forty comprising the following items:

12,600 Bakhis yards of earth & what remains  
per Bakhis yard. 787-9  
Sandstone. 12-7

Total for Channel. 800  
1 Head Piece. 750 150

Total of Estimate Rupees 950

3. If this Channel were cut, it will supply Spring water also, which will ensure the cultivation of the lands (12750 Gannies) under the Kinnaloo Tank being begun in the proper season; most of these lands can be made to produce a 2<sup>d</sup> Crop and about 50 Gannies of Kinnaloo dry lands can be converted into Kinnaloo, by which the increase in Revenue every year will be about Rupees 500-0-0.

4. Expected increase of Revenue about Rupees 50 per cent on proposed expenditure.

5. The proposed Channel is calculated to supply during an average season of 122 days of water in the river 28,62,720 Bakhis yards of water, exclusive of Spring water. The country thro' which the Channel is to be taken, consists principally of stiff soil, its total length is 1 mile, 4 furlongs and 160 yards; fall 9 inches per Bakhis, and its

Amount of Estimate Rupees 1000  
Excavating a Channel from the Gaddilaw River to supply Kinnaloo Tank and constructing a Head Piece  
Total Estimate Rupees 950  
12,600 Bakhis yards of earth & what remains per Bakhis yard. 787-9  
Sandstone. 12-7  
Total for Channel. 800  
1 Head Piece. 750 150  
Total of Estimate Rupees 950

section 6 feet in width at sole, and from 9 inches to 8 feet in depth, having an average hydraulic mean depth of 13 feet. The Channel in its course will require further irrigation works.

The Channel will be provided with one main Head Sluice. And the construction of a surplus balingulak at the place marked C on the accompanying Survey might also be found necessary; but this latter work will be a future consideration.

*More work*  
 Sub Engineer. 3<sup>rd</sup> Range South Dist.  
 Charles M. Runkle Esq. and Smith Col. R. E.  
 Collector of S. A. Superintending Engineer

Specification of work to be done in  
 the construction of a surplus  
 balingulak to be built by the  
 Government at the place marked  
 C on the accompanying Survey  
 and to be supplied with  
 one main Head Sluice

No 77 4006/683

Charles M. Runkle Esq.  
 Sub Engineer. 3<sup>rd</sup> Range

5<sup>th</sup> Division. D. D. W. 3<sup>rd</sup> Range. S. A. District.

Agricultural  
 Work Restoration of Nairany Tank now in ruins.  
 Specification Report.

Estimate Rupees 680-0-0 for strengthening the Tank Bank.  
 The bank should be restored & the breaches closed.

Estimate Rupees 366-0-0 for constructing a balingulak of 10 Yards; the foundation is to be of Brick in Chumam, the foundation of the body is to be 3' thick and 5' deep. The Superstructure of the balingulak is to be built of Brick in Chumam and plastered.

Detailed measurements not herein specified to be in strict accordance with the accompanying plan and estimate.  
 Estimate Rupees 186-0-0 for constructing a sluice of 15 Yards in length.

The Sluice to be built of Brick in Chumam and in accordance with the standard plan.

Estimate Rupees 148-0-0 for constructing a Sluice of 10 Yards in length. It should be built of Brick in Chumam and in accordance with the standard plan.

(Sd) W. S. Stoddard.  
 Supervisor 3<sup>rd</sup> Range S. A.  
 Charles M. Runkle Esq. and Smith Col. R. E.  
 Collector of S. A. Superintending Engineer S. A.  
 Carried forward 680

Agricultural

South Arcot District

Fifth Division D.P.W.

No 3 Range.

New Work

Ellamavason Taluk

Abstract Estimate of 1868-69.

9

Work: Restoring Nawary Tank now in ruins.

Remarks: The breach at A in the accompanying Sketch occurred before the Pymash was made; the whole of the lands under the Tank have been entered in the Pymash account as Pungah or dry lands, if the Tank is restored all the lands will be cultivated as Pungah. Two Sluices are required, one to irrigate the lands on the Northern side of the Odag and the other to those on the Southern.

A Calingulah at C is required, and if these works are executed, the ryots agree to cultivate 100 Cawnies of land, and pay Revenue Rs. 500 annually. I inspected the tank, as directed in Memo. No 748 dated 15<sup>th</sup> September 1863 from the Superintending Engineer S. Division, made a Survey of the Tank and took levels across at A and B. I beg to submit the undermentioned Estimate with accompaniments called for in the Memo. above alluded to, and to recommend that the estimate be sanctioned.

This work is situated 10 miles on the North West of Olundoorpet.

| Quantities | Description of Work       | Rate Per Aricaul | Total      |
|------------|---------------------------|------------------|------------|
|            | <u>Restoring the bank</u> |                  |            |
| 7068       | Cut-ups of Earth work     | 13 Rs. 352.3     |            |
| 150        | do of do                  | 16 do 42.3       |            |
| 90         | do of Rough Stone masonry | 12 do 67.8       |            |
|            | <u>Sumdus</u>             |                  | <u>182</u> |

Total for Tank bank 680 .. ..  
Carried forward 680 .. ..

S. Division D.P.W.  
South Arcot Dist.

10/11/68

Specification report  
to accompany the Estimate  
for restoring the ruined  
Tank at Ellamavason  
Taluk.

Summit of Estimate  
10/11/68.

Summit of Estimate 10/11/68.

Quantities Description of work Rate Per Amount Total

Brought forward \_\_\_\_\_ 680 ..

New Calingulah

103 <sup>8</sup>/<sub>27</sub> Cub yds of Brick in Chumam \_\_\_\_\_ 3 2 . C. yd 322 129

Excavating foundation & Sundries \_\_\_\_\_ 33 3 3

Total for Calingulah \_\_\_\_\_ 366

New Sluice of 15 yards.

51 <sup>1</sup>/<sub>2</sub> Cub yds of Brick in Chumam as  
per Standard Plan \_\_\_\_\_ 3 2 . do 160 11 ..

5 Triple Stones \_\_\_\_\_ " 12 . Each 3 12 ..

Excavating foundations \_\_\_\_\_ 6 ..

Sundries \_\_\_\_\_ 15 9 ..

Total for the Sluice \_\_\_\_\_ 186

New Sluice of 10 yards.

42 <sup>1</sup>/<sub>4</sub> Cub yds of Brick in Chumam as  
per Standard Plan \_\_\_\_\_ 3 2 . C. yd 132 .. 6

5 Triple Stones \_\_\_\_\_ " 12 . Each 3 12 ..

Excavating foundation \_\_\_\_\_ 5 ..

Sundries \_\_\_\_\_ 7 3 ..

Total for the Sluice \_\_\_\_\_ 108

Total Amount of Estimate Expenses \_\_\_\_\_ 1380 ..

(Signed) W. C. O. Stoddard  
Supervisor No. 3 Range

Superintending Engineer's Office  
Salina 17<sup>th</sup> June 1881

Edwrd Smith Col. 28  
Superintending Engineer 5th  
Charles Reese  
Collector of South Arcot

Received

Amount

One Hundred and ...  
Superintending Engineer's Office  
Superintending Engineer 5th Range

Fifth Division P.W.  
South Arcot District

P.W. 4026/60

Abstract Estimate for restoring  
the ruined Tank at Maravay  
Ellavanasoor Taluk

Amount of Estimate Rs/380

Collector of South Arcot

Revised Report

1. Creating a channel for the supply of the Kula  
ruined tank from the Sudda. had by River for the  
irrigation of the lands under this the Ellavanasoor Taluk  
P. W. Range South Arcot District.

2. Amount of Estimate Rs/1180 - - - 1000  
Thousand and Eighty four Rupees the following items  
11,200 Rupees of Rs/1000 to Rs/10000 Rs/10000  
Lakhs - - - - - 10 - 0 -

1. Head Stone - - - - - 100 - - -

Abstract of Estimate Rs/1180

3. There is no question for certain as how much of  
the present land a P. Crop will be raised as the people have  
not done any thing of the kind as yet, but there can be little  
doubt, but that they will do so provided they have a good  
supply of water the people themselves agree to raise a P.  
crop on the lands of land but there is not the least  
doubt but that they will cultivate more when they see  
that the supply is good and certain.

4. The Channel will be provided with a Head  
Stone so that during the freshes the supply can be regu-  
lated without which there would be danger of the Tank  
breaching and the country being flooded.

5. The Stone is to be built of Brick and Churn  
with covering stones at top and to be provided with a shutter.  
The Stone I have estimated will cost about Rs/1000 - - - 3  
One Hundred and - - - - -

P. Range Office South Arcot  
Amount Rs/1180 - - - - -  
Engineer Mr. S. Rangaswami

Charles Clarke  
Collector of South Arcot

CA and about Rs/1000  
Administrative Dept

Agricultural. 14th Division D.P.W. New Works.  
South Street District No 3 Range. Elavarasoor Taluq.

Abstract Estimate of 1868.69.

Works. Cutting a channel from the Tasha Naddy river to supply  
 Kalamaroodur Tank and Constructing a Head Sluice.

Agarut Canner 252 ..... Rs. 2335 15 9

5 years average do 199 1 1 ..... 1871 12 3

Highest 5 years do 224 1 3 ..... 2120 7 5

Last Repair in 1865.66 to Tank Bank ..... 264 ..... 10

Remarks. This is a large fine Tank, the Revenue under it, is  
 Rs. 1882 yearly, the present supply channel for it, is a rain collection  
 from the high land at the Alhanoor limit at a distance of one mile  
 above the Tank. The ryots dugested for 47 Canner in anticipation of  
 getting a channel. Estimated for in 1859 excavated. Since then they are  
 paying Rs. 382. 12 9 yearly for nothing. The Estimate not having  
 been sanctioned.

The Ryots report that there was a supply channel from  
 Tasha Naddy river in former times and it is also entered in the Pymash  
 Account.

By excavating the new portion and clearing the old channel, the  
 ryots will cultivate to the full extent of their Agarut Mangals lands and  
 on about 60 Canner of this will be raised a 2d Crop for which Rs. 300.  
 will be taxed being Kassar Jervah. I have not the least doubt but  
 that the Government as also the ryots will derive great benefit of this  
 work is carried out.

This work is situated in the 7<sup>th</sup> mile of Trevendlore & Omandoorpet Road.

| Quantity | Description of work      | Per | Rate      | Amount | Total |
|----------|--------------------------|-----|-----------|--------|-------|
|          | <u>Channel</u>           |     |           |        |       |
| 14300    | Cube yards of Earth work | Rs. | 1. 887 8. |        |       |
|          | Fundries                 |     |           | 12 8.  | 900   |
|          | Carried forward          |     |           |        |       |

Inspection Report to  
 show the estimate for con-  
 structing a channel from the Tasha  
 Naddy river to supply Kalamaroodur  
 Tank & Omandoorpet Road.

1868.69

14th Division D.P.W.

South Street District

Quantity Description of Work Per Rate Amount Total

Brought forward 900

Head Stone

|       |                                        |      |     |       |    |
|-------|----------------------------------------|------|-----|-------|----|
| 1 1/2 | Cuts guards of brick work in chimney - | Cy   | 3   | 142 8 | .. |
| 7     | Coursing Stones                        | do   | 2 8 | 17 8  | .. |
| 2     | Croft Stones                           | each | 2 8 | 5     | .. |
| 1     | Sill stone                             | do   | 2 8 | 2 8   | .. |
| 2     | Groove Stones                          | do   | 3   | 6     | .. |
| 1     | Teakwood shutter                       | do   | 7   | 7     | .. |
|       | Plastering the Stone                   | "    | "   | 10    | .. |
|       | Excavating foundations and Scaffolds   |      | 9 8 | 200   | .. |

Total Estimate of Repairs 1100

3<sup>d</sup> Range Office South Arcot  
 Received Amount 3<sup>d</sup> November  
 1866

(Signed) M. Howard

Sub. Engineer No. 3 Range  
 South Arcot.

Ed. Ford Small Col. M.  
 Superintending Engineer

Charles Keble  
 Collector of South Arcot.

5<sup>th</sup> Division S. P. M.

bed, 20 yds from the base of  
 The crown of the two Calingulata to be 6 ft below

Fifth Division D.P.W.  
South West District

P.P. 4026/68.

Abstract Estimate for  
Cutting a channel from  
the Sasha Muddy river to  
supply Kalamarcodori Tank  
and constructing a head sluice.

Amount of Estimate Rs 1100.

5<sup>th</sup> Division D.P.W.  
South West District No 2 Range Trimmaling Taluk 18.

Specification

Estimate for forming a new tank near K<sup>r</sup>  
at Kottacolum close to the old tank, and for  
constructing two Calingulals and one sluice.

Amount of Estimate Rupees 2740/- Two  
thousand seven hundred and forty as follows:-  
25,937 1/2 Cods of earthwork @ 1/400 per Cod 2026-5-10

|                            |          |
|----------------------------|----------|
| 1 Calingulal of 15 fathoms | 290- - - |
| 1 " " of 8 " "             | 240- - - |
| 1 Sluice of 8 fathoms      | 113- - - |
| Surcharge                  | 70-10-20 |

Total Estimate Rupees 2740- - -

There is a large tank at Kottacolum in  
good repair that receives its supply from an ancient  
channel from the Chayas. It has no Calingulals,  
and when full the end of the bank is cut through,  
and the surplus water goes again to the river. There  
are 230 Cuvures of good land here, not cultivated  
for want of water, and it is proposed to extend  
the east bank of this tank for a distance of 2941  
Yds to form a new tank; to build a Calingulal  
of 12 Yds in the north bank of the old tank to  
supply water to the new one, and an escape  
Calingulal of 8 Yds in the new bank 300 Yds from  
its north end, also a sluice of 8 Yds about the  
middle of the new bank where the water want  
it. At present there are the remains of an  
old bank from 1/2 to 3 Yds high, which requires  
to be raised from 3/4 to 2 1/2 Yds. Top width to  
be 3 Yds, with side slopes of 1/2 to 1. Soil for the  
bank to be dug from a trench within the tank  
bed, 20 Yds from the base of the bank slopes.  
The crown of the two Calingulals to be 6 Yds below

the top of the bank and to be furnished with  
 chain staves & ft a part to obtain an extra supply  
 of water when wanted. These sections taken it  
 appears that the new tank will hold 87555  
 cords of water sufficient for 3300 acres of  
 land, and as the new tank will receive supply  
 from an ancient channel there will be con-  
 sistent water for the land.

Edmund L. Hunt  
 Asst. Engr. & Supt. of  
 South West

Edmund L. Hunt  
 Superintendent  
 S. W. R.

Amount of Estimate \$12,940

When the tank is completed  
 the estimate for forming  
 a new ditch to be made  
 connecting Colingulab  
 is at \$10000  
 Estimated Value

\$12,940.68

John H. Henshaw  
 Asst. Engr. & Supt. of  
 South West

5th Section S. W. R.  
 Agricultural Abstract Estimate No. 100869  
 South West District - 1902 Range - Irrigating Valley  
 Work - Forming a new tank bank at Hotlacolm, Construct-  
 ing two Culingulab and one sluice as follows.

| Quantity<br>of<br>Materials | Items                                                                                                                                | Rate | Amount    | Total of<br>each work |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------|-----------|-----------------------|
| 3593 3/4                    | Forming a new tank bank -<br>Cords of Earthwork - per cord                                                                           | 1 3  | 2026 5 10 |                       |
|                             | Gravel -                                                                                                                             |      | 73 10 2   | 2100 -                |
|                             | Constructing a Culingulab of 8 yards -<br>Cords of bank in channel - per cord                                                        | 2 8  | 158 12 4  |                       |
| 174 3/4                     | Cords of rough stone in channel - per cord                                                                                           | 1 8  | 33 12 -   |                       |
| 22 1/2                      | Cords of plastering - per cord                                                                                                       | 1 4  | 11 4 -    |                       |
| 9                           | Down stones - each                                                                                                                   | 2 4  | 18 -      |                       |
| 8                           | Excavating foundation and ditches -<br>Constructing a sluice of 8 yards -<br>Cords of bank in channel - per cord                     | 2 8  | 96 6 -    |                       |
| 37 3/4                      | Down stones - each                                                                                                                   | 1 8  | 4 8 -     | 113 -                 |
| 9                           | Excavating foundation and ditches -<br>Constructing a Culingulab of 12 yards<br>in old tank -<br>Cords of bank in channel - per cord | 2 8  | 182 6 1   |                       |
| 1907 3/4                    | Cords of rough stone in channel - per cord                                                                                           | 1 8  | 38 11 6   |                       |
| 33 3/4                      | Cords of plastering - per cord                                                                                                       | 1 4  | 12 8 -    |                       |
| 110                         | Down stones - each                                                                                                                   | 2 4  | 27 -      |                       |
| 12                          | Excavating foundation -<br>Ditches -                                                                                                 |      | 11 6 5    | 290 -                 |

Total Estimate \$2740  
 \$2743 -  
 Includes the amount for the  
 and for the only.

Edmund L. Hunt  
 Superintendent, Engineer.

Charles H. Henshaw  
 Collector of South West.

Edmund L. Hunt  
 Asst. Engr. & Supt. of  
 South West

N<sup>o</sup> 130.

Suppl<sup>y</sup> Office, 5<sup>th</sup> Div.,  
Salem, 17<sup>th</sup> October /68.

From

The Superintending Engineer,  
5<sup>th</sup> Division.

To  
The Secretary to  
Government B.P.W.

Sir

I have the honor to forward  
for the sanction of Government  
the undermentioned estimates for  
the improvement of irrigation works  
in the South Arcot District.

- Enclosures 17.  
4. Alth. Estimates.  
4. Specifications.  
4. Surveys.  
5. Plans &c.

- For forming a new tank at  
Kottakulam in the Trinomala  
Taluk Budget. 2,740  
Cutting a channel from the Sashu  
Nuddy to supply Kalamaradon  
tank, and Constructing a head sluice. 1,100  
Cutting a channel from the Guddelum  
river to supply Manalhin tank  
and Constructing a head sluice. 1,000  
Restoring a ruined tank  
at Kawayy 1,380

2. The new Kottakulam tank will  
adjoin the present tank of that village.  
The

With  
South Arcot District

17. 10. 1868

Abstract Estimate for  
forming a new tank  
at Kottakulam, and  
restoring two existing  
and one sluice.  
Amount of Estimate Rs. 740

The estimate provides for raising and strengthening a bank thrown up some years ago, building a Calingulah in the old tank bank, and providing the new tank with a Calingulah and two sluices. The tanks will be supplied from a river channel, and it is expected, that by storing more water, there will be an increase of revenue of Rupees 1774.

3. Kalamooroor tank is situated between Trivanalore and Oolindoorpet, and has a bund of good section, as the district road passes over it. The present revenue is nearly equal to the aya cut, but by cutting the channel, the revenue will be secured, and somewhat increased.

4. By cutting the channel to the Manalior tank it is expected that more land will be brought under cultivation, and there will not be occasion for granting

25  
remissions on account of withered crops.

5. There is no mungah aya cut under the Kowary ruined tank, but it is expected that 100 cawmes of dry land will be converted into wet by which an increased revenue of 500 rupees will be obtained.

6. If these estimates are sanctioned I expect to be able to provide funds for them in the statement of re-distributions of funds to be submitted later in the year.

I have the honor to be  
Sir

Your most obedt. servant.

Edmd St Col. R.E.,  
Superintg. Engineer, 5<sup>th</sup> Div.

Public Works Department

No 3545

Proceedings of the Madras Government  
Under date the 13<sup>th</sup> October 1868

Read the following

From the Sup<sup>r</sup> Engineer 5<sup>th</sup> Div<sup>n</sup> A.E. No 130 dated 17<sup>th</sup> Oct/68/

With this letter the Sup<sup>r</sup> Engr<sup>g</sup> of the 5<sup>th</sup> Div<sup>n</sup> submits estimates amounting in the aggregate to Rs. 6,220 for the formation of a new bank at Kottakalam, the excavation of two supply channels from the Kachamuddy and the Guddelum rivers to the Kalamaradoor and Manaloor banks respectively, and the reclamation of a ruined bank at Chawany in the South Arcot Dist<sup>ct</sup>, and states that the execution of

well

MA

MA

1868

Oct 18<sup>th</sup> 1868  
From the Sup<sup>r</sup> Engineer,  
5<sup>th</sup> Div<sup>n</sup>.

To the Secretary to  
the Government  
S.P.W.

Dated 17<sup>th</sup>  
Read 19<sup>th</sup> 3 Oct/68

MA 130  
Enclosure 17

Estimated for sanction  
from estimates for the  
improvement of cotton  
irrigation works in  
the South Arcot District.

No 3545-13-1007/68

C. 26226/6502-513/68

C. 26526/6802.529

of the works will be the means of bringing additional lands under wet cultivation, and of securing and improving the existing revenue.

His Excellency the Govt in Council sanctions the immediate execution of the works in anticipation of an allotment of funds being made Alaska in the year.

*[Faint, mostly illegible handwritten text]*

*[Handwritten signature]*

7  
6 The Suppl. Ings. of 500  
4 a Contn  
2 a Acct. sent  
2 a Revue Dep't  
Chief Ings. for 1891

C. 26526/6802.529

*[Faint, mostly illegible handwritten text on the right page]*

30

Cue 4026

Govt. of 1868: Madras.

PUBLIC WORKS.

The Superintending Engineer,  
Sd. Division

So. So. So.

Dated

11.

Recd.

17

G. O. 13th Nov 1868, No. 3525

Nos. 222-223

Tank Estimates amounting  
to Rs 6200 for the formation  
of a new tank at Kottuhalam  
in South Arcot Dist, Sanjivaram.