

G.O., No. 3 682.

DATED 24/4/96

[Despatch Abstract.]

OKKakadi tank & supply channel
Tanjore Dt. — The execution by the P.W.D.
of the work of repairing No 40 —
Sanctioned.

BACK PAPERS.

IRRIGATION.
ACCOUNT.

Govt. of {1896} Madras.
PUBLIC WORKS.

Dated April, 24th.

Recd.

Encl.

G.O. No. 368 I., 24th April 1896.

APRIL.

Channel

The execution by the Public Works Department of the work of repairing No. 40 Okkukudi tank and supply channel, Tanjore district, sanctioned, Rs. 483 of the proposed outlay of Rs. 910 being contributed by the shrotriendar interested in the work.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

No. 89 I.

Note by the Chief Engineer for Irrigation.

The accompanying estimate of Rs. 910 for repairing No. 40 Okkukudi tank and supply channel in Pattukkóttai taluk, Tanjore district, is submitted to Government with a recommendation that it may be sanctioned as a contribution work.

2. The supply channel feeds Okkukudi (Government) tank and Peravayal, a shrotriem tank irrigating 66 and 121 acres, respectively. The portion of the estimate which relates to the improvements to the channel, viz., Rs. 600, being for the common benefit of both the tanks, has to be contributed by Government and the shrotriemdar in proportion to the extent of irrigation under the two tanks. The shrotriemdar has, therefore, to pay a contribution of Rs. 483 as detailed in the margin, and the Superintending Engineer, V Circle, will, in communication with the Collector of the district, arrange to have the amount of contribution recovered before putting the work in hand.

Amount of estimate which refers to improvements to channel	600
Contribution by the shrotriemdar	388
Rs. $600 \times 121 = \dots$	
$121 + 66 = \dots$	
Establishment and tools and plant charges at 24½ per cent.	95
Total	483

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

16th April 1896.

ENCLOSURE.

REPORT to accompany the estimate for No. 40 Okkukudi tank and supply channel, Tanjore district, Vellar River Minor Basin, Pattukkóttai taluk, Kadathivayal tank, Group No. 86, Sattiyakudi village.

Description and Supply channel.—The tank irrigates 66 acres assessed at Rs. 155 and receives its supply from a Hissa channel branching from the Pambatti river. This channel originally passed into the Alathivayal tank of the Pudukkóttai State, and thence through a breach in the bund marked E in the sketch-map to feed this and Peravayal, a shrotriem tank lying below. The breach referred to was some years ago closed by the Pudukkóttai State by a weir at point F with crest almost to the top level of the bund, so that the supply to this and the shrotriem tank was thereby cut off. The matter was then referred to arbitrators, who decided that the Pudukkóttai State should relinquish all right to the portion of channel from its head in the Pambatti river down to the point B, and that from this point the British Government should take the channel clear off the Pudukkóttai limits (marked by a green line). To give effect to these terms the channel has to run for some length through Parundamarai (shrotriem) tank. In the award, however, the interest of the shrotriemdar was left out of consideration, and as the Perundamarai tank is not an abandoned work, the shrotriemdars are opposed to the proposal to take the channel through their tank.

A few years ago the Cowldar of Alathivayal (Pudukkóttai) tank formed a bund along K x L (vide survey) so as to make the channel run into his tank. This bund, it is reported, has since breached, and that the Alathiar has returned to its old course. It is also said that the Cowldar intends to carry his bund along the left margin of the channel so as not to interfere with the old course which will be thus available to afford a supply to the Government tank below. As a settlement of the dispute, it is proposed to divert the channel along the line De,

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

No. 89 I.

Note by the Chief Engineer for Irrigation.

The accompanying estimate of Rs. 910 for repairing No. 40 Okkukudi tank and supply channel in Pattukkóttai taluk, Tanjore district, is submitted to Government with a recommendation that it may be sanctioned as a contribution work.

2. The supply channel feeds Okkukudi (Government) tank and Peravayal, a shrotriem tank irrigating 66 and 121 acres, respectively. The portion of the estimate which relates to the improvements to the channel, viz., Rs. 600, being for the common benefit of both the tanks, has to be contributed by Government and the shrotriemdar in proportion to the extent of irrigation under the two tanks. The shrotriemdar has, therefore, to pay a contribution of Rs. 483 as detailed in the margin, and the Superintending Engineer, V Circle, will, in communication with the Collector of the district, arrange to have the amount of contribution recovered before putting the work in hand.

Amount of estimate which refers to improvements to channel	600
Contribution by the shrotriemdar	388
Rs. $600 \times 121 = \dots$	
$121 + 66 = \dots$	
Establishment and tools and plant charges at 24½ per cent.	95
Total	483

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

16th April 1896.

REPORT to accompany the estimate for No. 40 Okkukudi tank and supply channel, Tanjore district, Vellar River Minor Basin, Pattukkóttai taluk, Kadathivayal tank, Group No. 86, Sattiyakudi village.

Description and Supply channel.—The tank irrigates 66 acres assessed at Rs. 155 and receives its supply from a Hissa channel branching from the Pambatti river. This channel originally passed into the Alathivayal tank of the Pudukkóttai State, and thence through a breach in the bund marked E in the sketch-map to feed this and Peravayal, a shrotriem tank lying below. The breach referred to was some years ago closed by the Pudukkóttai State by a weir at point F with crest almost to the top level of the bund, so that the supply to this and the shrotriem tank was thereby cut off. The matter was then referred to arbitrators, who decided that the Pudukkóttai State should relinquish all right to the portion of channel from its head in the Pambatti river down to the point B, and that from this point the British Government should take the channel clear off the Pudukkóttai limits (marked by a green line). To give effect to these terms the channel has to run for some length through Parundamarai (shrotriem) tank. In the award, however, the interest of the shrotriemdar was left out of consideration, and as the Perundamarai tank is not an abandoned work, the shrotriemdars are opposed to the proposal to take the channel through their tank.

A few years ago the Cowldar of Alathivayal (Pudukkóttai) tank formed a bund along K x L (vide survey) so as to make the channel run into his tank. This bund, it is reported, has since breached, and that the Alathiar has returned to its old course. It is also said that the Cowldar intends to carry his bund along the left margin of the channel so as not to interfere with the old course which will be thus available to afford a supply to the Government tank below. As a settlement of the dispute, it is proposed to divert the channel along the line De,

No. 368 I. of 24 April 1896

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

Read the following

Note by the Chief Engineer for (H.E. No: 89 I. dated 6 April 1896)
Irrigation-

The accompanying estimate of Rs. 910 for repairing No: 40 Okkukudi tank and supply channel in Pattukota taluk, Tanjore District, is submitted to Government with a recommendation that it may be sanctioned as a contribution work.

2 The supply channel feeds Okkukudi (Govt) tank and Peravayal, a Shrotriem tank irrigating 66 and 121 acres respectively. The portion of the estimate which relates to the improvements to the channel, viz Rs 600, being for the common benefit of both the tanks, has to be contributed by Government and the Shrotriemdar in proportion to the extent of irrigation under the two tanks. The Shrotriemdar has therefore to pay a contribution of Rs 483 as detailed in the margin, and the Suptg Engineer, Fifth Circle, will, in communication with the Collector of the District, arrange to have the amount of contribution recovered before putting the

Amount of estimate which refers to improvements to channel- Rs 600.
Contribution by the Shrotriemdar
$$\frac{Rs\ 600 \times 121}{121 + 66} = Rs\ 388$$

Establishment and tools and plant charges at 24 1/2 } 93
percent.
Total Rs 483

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No. 368 I., 24TH APRIL 1896.

outside Pudukkottai limits, and thus restore the supply to this and Peravayal (shrotriem) tank. The Collector has accepted these proposals as the only equitable solution of the question, and the estimate provides for carrying them out.

Proposed diversion.—The existing portion of the channel above point D has nowhere a defined width. It is practically a branch of the Pambatti river, though known as the Alathiar river. It is therefore difficult to calculate with accuracy the quantity of water brought down the branch, but it is believed that the proposed diversion De, with a bottom width of 15 feet, depth of water 3 feet and side slopes 1 to 1 will be sufficient. From the earth obtained from excavation a flood bank to an average height of about 7 feet above bed of channel with 6 feet top width and slopes 2 to 1 will be formed on the right side to protect the Perundamarai shrotriem lands from being flooded. There being every probability of the channel widening itself, it is proposed to throw the flood bank about 40 feet away from the right margin of the channel as shown in the sketch. The length of the diversion cut is 1,533 feet.

Compensation.—The proposed diversion is entirely in Perundamarai shrotriem limits. For purchasing the required lands a compensation of Rs. 300 is allowed at Rs. 100 per acre.

Demarcation.—The British limits to the left of the proposed diversion is already demarcated and it is now proposed to fix in concrete three stones each 2 1/2' x 9" x 9" with letters P.W. cut on their face to mark the lands now proposed to be taken up for the diversion.

The channel feeds Okkukudi Government tank, as well as No. 44 Peravayal shrotriem tank. The shrotriemdars have to pay a contribution in proportion to the area of shrotriem lands towards the cost of improving the supply channel which is of common benefit for both the tanks.

Tank—Surplus arrangements.—There were wet fields in the tank bed, and sometime ago when there was a dispute about the level to which water should be maintained in the tank, a brick pillar was constructed with top at F.T.L. or + 74.00; when the tank begins to rise above it, the owners of the said wet fields out the bund at both flanks. At the left flank the ground is low and there is a sufficient length of natural escape to dispose of all the surplus with a head of 6 inches above F.T.L. The ground is flat and there is no chance of a scour; and after disposing of the surplus, the ryots easily raise a small bank of 1 foot in height to preserve F.T.L.; hence there is no necessity for a masonry surplus work and the disposal of the surplus will, as usual, be left to be managed by the ryots.

Sluices.—Irrigation is being conducted by means of several temporary cuts. In lieu of them it is proposed to construct two stoneware pipe sluices, both with sill at 69.50 at cross section Nos. 21 and 27 to irrigate 30 and 36 acres, respectively.

Bund.—Bund is low and weak and will be raised to 3 feet above M.W.L. with top width 4 feet and side slopes 2 to 1.

As soon as the tank is filled in sufficiently, the ryots close the head of the branch supplying their tank.

Materials.—Sand about 3 or 4 furlongs. Bricks and jelly from Ponpettiar, a distance of about 1 1/4 miles. Chunan from Avadayar Covil about 3 1/2 miles. Cut stone from Pudukkottai side about 34 miles.

6th April 1896.

(Signed) J. H. MEDLICOTT,
for Chief Engineer for Irrigation.

ORDER—No. 368 I., dated 24th April 1896.

The execution by the Public Works Department of the work referred to is sanctioned, Rs. 483 of the proposed outlay of Rs. 910 being contributed by the shrotriemdar interested in the work.

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" " Tank Restoration Scheme, with plans and estimate.
" Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

Ext. Shaik Karim.
Spare Copies

the work in hand.

Order thereon:-

The execution by the P.W.D. of the work referred to is sanctioned, Rs 483 of the proposed outlay of Rs 910 being contributed by the Shrotriendrar interested in the work.

P.W. CURRENT No. 3851

Two 19 (12 plans)
Recd: 23.4.86



Description & supply channel

Tanjore District. Vellar River Minor Basin
Pudukkotta Taluk. Madathivayal Tank Group
No 86 Sattiyakudi village.

Report to accompany the estimate for No 40
OK Kunkudi Tank and supply channel

The tank irrigates 66 acres assessed at Rs 155 and receives its supply from a hissa channel branching from the Pambeatti river. This channel originally passed into the Madathivayal tank of the Pudukkotta state and thence through a breach in the bund marked E in the sketch map to feed this, and Peravayal, a shrotriendrar tank lying below. The breach referred to was some years ago closed by the Pudukkotta state by a wall at point F with crest almost to the top level of the bund, so that the supply to this and the shrotriendrar tank was thereby cut off. The matter was then referred to arbitrators who decided that the Pudukkotta state should relinquish all right to the portion of channel from its head in the Pambeatti River down to the point B, and that from this point the British Government should take the channel clear off the Pudukkotta limits (marked by a green line) to give effect to these

To,
The Chief Engineer for Irrigation
The Supt. Engineer V Circle
The Examiner of P.W. Accounts
The Revenue Department.

with plans & estimate

these terms the channel has to run for some length through Perundamarai (Shrotriem) Tank. In the award, however, the interest of the Shrotriendar was left out of consideration, and as the Perundamarai Tank is not an abandoned work, the Shrotriendar are opposed to the proposal to take the channel through their tank.

A few years ago the Cowladar of Alathiyavayal (Pudukkottai) Tank formed a bund along H.X.L. (vide survey) so as to make the channel run into his tank. This bund it is reported has since breached and that the Alathiyavar has returned to its old course. It is also said that the Cowladar intends to carry his bund along the left margin of the channel so as not to interfere with the old course which will be thus available to afford a supply to the Goot Tank below. As a settlement of the dispute it is proposed to divert the channel along the line De, outside Pudukkotta limits, and thus restore the supply to this and Peravayal (Shrotriem) Tank. The Collector has accepted these proposals as the only equitable solution of the question, and the estimate provides for carrying them out.

Proposed diversion

580
The existing portion of the channel above point D has no where a defined width. It is practically a branch of the Pambatti river, though known as the Alathiyar River. It is therefore difficult to calculate with accuracy the quantity of water brought down the branch but it is believed that the proposed diversion De, with a bottom width of 15 feet, depth of water 3 feet and side slopes 1 to 1 will be sufficient. From the earth obtained from excavation a flood bank to an average height of about 7 feet above bed of channel with 6 feet top width and slopes 2 to 1 will be formed on the right side to protect the Perundamarai Shrotriem lands from being flooded. There being every probability of the channel widening itself, it is proposed to throw the flood bank about 40 feet away from the right margin of the channel as shown in the sketch. The length of the diversion cut is 1533 feet.

Compensation

The proposed diversion is entirely in Perundamarai Shrotriem limits. For purchasing the required lands a compensation of Rs 300 is allowed at Rs 100 per acre.

Demarcation

The British limits to the left of the proposed

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