Public Works (1896) Department

G.O., No. 84/85

DATED 24-1-96

[Despatch Abstract.]

Channels: Estimates aggregating Rs 5,700 for — to supply Kerivedu, Kolathur and Damal and other tanks from the Govindavadi channel, Palar anicut system, sanctioned with remarks

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The above forwarded to the Government of India.

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P.W. 25
[illegible]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated January, 24th.

Recd. *Encl.*

G.O. No. 84 I., 24th Jan. 1896.

JANUARY.

Channels

Estimates aggregating Rs. 5,700 for — to supply Karivedu, Kolathur, Damal and other tanks from the Govindavadi channel, Pálár anicut system, sanctioned with remarks.

No. 84 I., 24TH JANUARY 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper :—

From J. HANNAN, Esq., Superintending Engineer, IV Circle, to the Chief Engineer for Irrigation, dated 13th December 1895, No. 283 I.

With reference to your memo. No. 66 N.A., dated 13th July 1893, I have the honour to submit herewith, for sanction of Government, the revised plans and estimates amounting to Rs. 4,630 for proposed channels to supply Karivedu, Kolathur, Damal and other tanks from the Govindavadi channel in connection with the Pálár system.

2. As regards the proposal, in your memorandum under reference, to carry the supply channel to Kolathur, &c., tanks through the Karivedu tank, the Executive Engineer has reported in his letter No. 375 S.E., dated 21st September 1893, that the scheme, though practicable, would be somewhat expensive owing to its being impossible to carry the new channel along the right bank of the Karivedu spring channel without infringing on a great deal of expensive wet land, for which heavy compensation will have to be paid, and that it will also intercept the drainage of Mamandur fields, necessitating the construction of an inlet.

3. The Executive Engineer has also reported that your scheme would cost Rs. 5,600 as detailed below :—

	RS.
Constructing new head sluice	1,230
Cutting channel	1,100
Compensation for land	2,000
Clearing jungle	70
Aqueduct across the Karivedu spring channel	800
Inlet to proposed channel	250
Converting Karivedu tank weir into regulator	150
Total ...	5,600

4. I therefore agree with the Executive Engineer in thinking that the scheme since proposed by him to supply the Kolathur and Damal tanks by two distinct branches which can be carried out independently of each other with less cost is the best possible one, if any project is to be carried out as explained in the report accompanying the estimates now submitted for sanction.

ENCLOSURE.

REPORT to accompany estimates for proposed channels to supply Karivedu, Kolathur, Damal and other tanks from the Govindavadi channel.

The Superintending Engineer, IV Circle, in his inspection notes, dated 20th October 1891, ordered estimates to be prepared, for connecting Kolathur tank with the Pálár anicut system and with his No. 159 E.I., dated 15th June 1893, the Superintending Engineer submitted estimates, amounting to Rs. 11,020, for supplying Kolathur and giving an improved supply to Damal tank. These estimates were returned by the Chief Engineer for Irrigation with the remark that the anticipated return would not justify so large an outlay, and certain deviations were ordered to be investigated.

2. The line proposed by Colonel Smart, R.E., is shown on the tracing which accompanied the estimates as originally sent in by him. It started from a new head sluice in the Govindavadi channel, crossed the Veghamangalam and Mamandur spring channels and after passing below and south Karivedu tank bund was dropped into the old Damal kalva and from thence it was carried by existing courses to Kolathur and Damal tanks.

3. The Chief Engineer for Irrigation suggested carrying the whole of the supply required for Kolathur and Damal tanks across the Karivedu spring channel and dropping the whole quantity of water into Karivedu tank. This proposal was reported on in this office No. 375 S.E., of 21st September 1893, with modifications and they were approved by Superintending Engineer; since then a further improvement has been thought of and it is believed that the present proposals are the best possible if any such project is to be carried out.

4. The present scheme may be divided into two distinct branches which can be carried out independently of each other.

(*A*) Supply of Kolathur tank through Karivedu tank.
(*B*) Improved supply of Damal tank through Avalur tank.

The supply has been divided thus, because (1) Karivedu tank is well supplied by spring channels and it is advisable to pass as little silt-bearing flood water into the tank as possible; (2) there is an already existing large channel and head sluice to Avalur tank, which channel, when improved, is the most natural way to supply Damal tank.

5. *Supply to Kolathur tank* (*A*).—The existing abandoned head sluice to Karivedu tank will be made use of. This head sluice was built about six years ago and a channel excavated to take water to the tank by means of existing spring channels. It was however at once given up on account of the injury the flood water would cause to the spring channel. The head sluice has a vent 5′ × 5′ which will be fitted with a screw-gearing shutter (see calculation sheet herewith) about 700 feet below the head; the new line will leave the old channel and passing through dry and poramboke land will join the tank at its junction with the spring channel. The only masonry work required in this portion of the channel is a drop at 5,000 feet below the head.

6. The required supply of 60 cubic feet per second will be passed out of Karivedu tank by means of vents in the weir. It now has three vents 2¾′ × 2′ each which cannot discharge the required supply; each vent will be widened by one foot, which with a head of 6″ will give the correct discharge.

7. At about 300′ below weir of Karivedu tank the surplus channel of that tank joins the old Damal channel and at this point there is an old division calingulah at the head of the channel leading to Kolathur tank. This will be dismantled as the foundations are not strong enough to stand a new work.

A new regulator will be built just below the existing one designed to pass 60 cubic feet of water to Kolathur tank with a head of 4 feet in front, while the Damal branch will be designed to carry the whole of surplus 283 cubic feet from Karivedu tank. No water will be passed down the Damal branch until the wants of Kolathur tank is complied with.

8. From the division regulator the channel to Kolathur tank is in fair order and needs no repairs. Kolathur tank is in good order and needs no repairs.

9. *Improvements of supply to Damel tank* (*B*).—This will continue to get its main supply as before through Avalur tank. The supply channel to Avalur tank is much silted up and will be cleared to the proper section as shown in the calculation sheet and cross sections. At one mile and 4,170 feet, a spring channel to Perumbulippakkam tank passes under the Avalur channel by an aqueduct.

It is proposed to give a required supply to Perumbulippakkam tank (large and small) in the Pálár anicut system (*vide* page 31 of G.O. No. 561 I., 13th June 1894). A vent will be provided in the wing of the aqueduct; for this no drawings are necessary and a lump sum of Rs. 60 has been provided in the estimate.

10. On leaving Avalur tank the supply to Damal tank passed down the channel supplying Damal as it hitherto done.

11. As on some occasions, after Kolathur tank has been filled, water may be available from Karivedu tank and the existing state of affairs at the crossing of the Avalur surplus and old Damal supply channel have to be put in proper régime (see sketch-map). Originally the surplus from Avalur tank was carried over the old Damal supply by a superpassage and supplied Sadatangal and Sangarambadi tanks. The old Damal channel has, however, silted up 6 feet and the water passing down it finds its way down both courses impartially. A vented dam will therefore be built across the old Damal channel with its crest at the same level as the dam in the Avalur surplus channel which supplies Sadatangal tank. The following arrangement will be enforced: The vents of the newly constructed dam in the Damal channel will be open whenever water is passing down the old Damal channel; when there is surplus water passing from Avalur tank and none down the Damal channel, the vents will be closed; while the vents of both will be kept open so long as water is flwoing down both channels.

ESTIMATE FORM—Abstract—Classified.

Sub-head.	Names of works.	Amount of estimate for individual work.	Total of sub-heads.	Total for each canal or distributary.	Total of each main head.
1	2	3	4	5	6
	IRRIGATION.	RS.	RS.	RS.	RS.
	43. *Minor Works and Navigation.*				
	Minor Works for which Capital and Revenue Accounts are kept.				
	Pálár anicut system.				
	Capital account.				
	3. Distributaries.				
	Karivedu, Kolathur and Damal, &c., project.				
	Kalathur Branch.				
4. Earthwork ..	1. Cutting Karivedu, Kolathur proposed extension from a point 700 feet below the existing head sluice in Govindavadi channel	1,430			
3. Works ..	2. Proposed improvements to the existing head sluice of Karivedu-Kolathur channel above drop No. 7 in the Govindavadi channel	170			
3. Works ..	3. Proposed drop at 5,000 feet below head in Karivedu and Kolathur channel ..	280			
3. Works ..	4. Proposed regulators in Kolathur and Damal branch channels below Karivedu tank weir	570			
3. Works ..	5. Constructing the proposed regulating weir at the crossing of the Avalur supply with the Damal channel at 1 mile 7 furlongs below Karivedu tank weir ..	280	2,730		
	Damal Branch.				
4. Earthwork ..	1. Improving and strengthening the Avalur channel to supply Damal, &c., tanks ..	1,250			
3. Works ..	2. Improvements to the Avalur channel head sluice	650			
			1,900		
	Total, I Works ..	..	4,630		
	II. Establishment ..	..	1,065		
	III. Tools and Plant ..	..	5		
	Total ..	..	..	5,700	

VELLORE,
24th September 1895.

(Signed) H. E. CLERK,
Ex. Engr., North Arcot Division.

ORDER—No. 84 I., dated 24th January 1896.

The estimates aggregating Rs. 5,700 for channels to supply Karivedu, Kolathur, Damal and other tanks from the Govindavadi channel, Pálár anicut system, are sanctioned, the proposed outlay being met by raising the existing sanction for the Pálár anicut system for direct charges from Rs. 19,98,950 to Rs. 20,04,650 * under paragraph 7, Chapter VI, Volume II, Public Works Department Code.

		RS.
* Works	... ...	15,52,900
Establishment	.. ..	4,17,203
Tools and plant	... ...	34,547
	Total ...	20,04,650

2. This sanction is registered as No. 182 I. of 1895–96.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 85 I., dated 24th January 1896.]

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, IV Circle, with 28 enclosures.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. T. K. Narayana Aiyangar.
Spare Copies

IRRIGATION.
ACCOUNT.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated January, 24th.

Recd. *Encl.*

G.O. Nos. 84, 85 I., 24th Jan. 1896.

JANUARY.

Channels

Forwarding Proceedings sanctioning, with remarks, estimates aggregating Rs. 5,700 for — to supply Karivedu, Kolathur, Damal and other tanks from the Govindavadi channel, Pálár anicut system.

No. 84 I., 24TH JANUARY 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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Account.

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Compensation for land	2,000
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Inlet to proposed channel	250
Converting Karivedu tank weir into regulator	150
Total ...	5,600

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The Superintending Engineer, IV Circle, in his inspection notes, dated 20th October 1891, ordered estimates to be prepared, for connecting Kolathur tank with the Pálár anicut system and with his No. 159 E.I., dated 15th June 1893, the Superintending Engineer submitted estimates, amounting to Rs. 11,020, for supplying Kolathur and giving an improved supply to Damal tank. These estimates were returned by the Chief Engineer for Irrigation with the remark that the anticipated return would not justify so large an outlay, and certain deviations were ordered to be investigated.

2. The line proposed by Colonel Smart, R.E., is shown on the tracing which accompanied the estimates as originally sent in by him. It started from a new head sluice in the Govindavadi channel, crossed the Veghamangalam and Mamandur spring channels and after passing below and south Karivedu tank bund was dropped into the old Damal kalva and from thence it was carried by existing courses to Kolathur and Damal tanks.

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6. The required supply of 60 cubic feet per second will be passed out of Karivedu tank by means of vents in the weir. It now has three vents $2\frac{3}{4}' \times 2'$ each which cannot discharge the required supply; each vent will be widened by one foot, which with a head of 6″ will give the correct discharge.

7. At about 300′ below weir of Karivedu tank the surplus channel of that tank joins the old Damal channel and at this point there is an old division calingulah at the head of the channel leading to Kolathur tank. This will be dismantled as the foundations are not strong enough to stand a new work.

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It is proposed to give a required supply to Perumbulippakkam tank (large and small) in the Pálár anicut system (*vide* page 31 of G.O. No. 561 I., 13th June 1894). A vent will be provided in the wing of the aqueduct; for this no drawings are necessary and a lump sum of Rs. 60 has been provided in the estimate.

10. On leaving Avalur tank the supply to Damal tank passed down the channel supplying Damal as it hitherto done.

11. As on some occasions, after Kolathur tank has been filled, water may be available from Karivedu tank and the existing state of affairs at the crossing of the Avalur surplus and old Damal supply channel have to be put in proper régime (see sketch-map). Originally the surplus from Avalur tank was carried over the old Damal supply by a superpassage and supplied Sadatangal and Sangarambadi tanks. The old Damal channel has, however, silted up 6 feet and the water passing down it finds its way down both courses impartially. A vented dam will therefore be built across the old Damal channel with its crest at the same level as the dam in the Avalur surplus channel which supplies Sadatangal tank. The following arrangement will be enforced: The vents of the newly constructed dam in the Damal channel will be open whenever water is passing down the old Damal channel; when there is surplus water passing from Avalur tank and none down the Damal channel, the vents will be closed; while the vents of both will be kept open so long as water is flwoing down both channels.

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	IRRIGATION.				
	43. *Minor Works and Navigation.*				
	Minor Works for which Capital and Revenue Accounts are kept.				
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	Capital account.				
	3. Distributaries.				
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	Kalathur Branch.				
4. Earthwork ..	1. Cutting Karivedu, Kolathur proposed extension from a point 700 feet below the existing head sluice in Govindavadi channel	1,430			
3. Works ..	2. Proposed improvements to the existing head sluice of Karivedu-Kolathur channel above drop No. 7 in the Govindavadi channel	170			
3. Works ..	3. Proposed drop at 5,000 feet below head in Karivedu and Kolathur channel ..	280			
3. Works ..	4. Proposed regulators in Kolathur and Damal branch channels below Karivedu tank weir	570			
3. Works ..	5. Constructing the proposed regulating weir at the crossing of the Avalur supply with the Damal channel at 1 mile 7 furlongs below Karivedu tank weir ..	280	2,730		
	Damal Branch.				
4. Earthwork ..	1. Improving and strengthening the Avalur channel to supply Damal, &c., tanks ..	1,250			
3. Works ..	2. Improvements to the Avalur channel head sluice	650	1,900		
	Total, I Works ..	..	4,630		
	II. Establishment ..	..	1,065		
	III. Tools and Plant ..	..	5		
	Total ..	..	..	5,700	

VELLORE,
24th September 1895.

(Signed) H. E. CLERK,
Ex. Engr., North Arcot Division.

ORDER—No. 84 I., dated 24th January 1896.

The estimates aggregating Rs. 5,700 for channels to supply Karivedu, Kolathur, Damal and other tanks from the Govindavadi channel, Pálár anicut system, are sanctioned, the proposed outlay being met by raising the existing sanction for the Pálár anicut system for direct charges from Rs. 19,98,950 to Rs. 20,04,650 * under paragraph 7, Chapter VI, Volume II, Public Works Department Code.

	RS.
* Works	15,52,900
Establishment	4,17,203
Tools and plant	34,547
Total ...	20,04,650

2. This sanction is registered as No. 182 I. of 1895-96.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India for information.

[Here enter No. 85 I., dated 24th January 1896.]

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, IV Circle, with 28 enclosures.
" Examiner, Public Works Accounts.
" Revenue Department.

ENDORSEMENT—No. 85 I., dated 24th January 1896.

Forwarded.

(By order.)

Colonel, R.E.,
Secretary to Govt., P.W.D.,
Irrigation Branch.

Exd. T. K. Narayana Aiyangar.
Spare Copies

A

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

4 January 1895

No 84 I. of 2

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From Supdg Eng, IV Circle, No 283 I, of 13 Dec /95.

Print with Report & Class of abstract estimate

The estimates aggregating Rs 5,700 for channels to supply Karivedu, Kolathur, Damal & other tanks from the Govindavadi channel, Talai Anicut system, are sanctioned, the proposed outlay being met by raising the existing sanction for the Talai Anicut system for direct charges from Rs

W
20 Jan

H.C

Estimates for channels to supply Karivedu, Kolathur, Damal and other tanks from Govindavadi channel Palar Anicut System.

F.S.D. 24/1

KCH 27/1

Regd 27/1

Issue

Anedn

"S"

R 23/1/96

Received from Office 4.56 P.M. 16/1/96

Report to accompany Estimates for proposed Channels to supply Karivedu Kolathur Damal and other Tanks from the Govindavadi channel.

SUPTG. ENGINEER'S OFFICE, P.W.D.
No. ....
28 SEP. 95
enclo ....
FOURTH CIRCLE

3 S P

The Supty. Engineer II Circle in his Inspection Notes dated 20th October 1891 ordered ~~an~~ Estimates to be prepared for connecting Kolathur Tank with the Palar anicut system and with his No. $\frac{159}{Est.}$ dated 15th June 1893 the Supty. Engineer submitted Estimates amounting to Rs 11020 for supplying Kolathur, and giving an improved supply to Damal Tank. These Estimates were returned by the Chief Engineer for Irrigation with the remark that the anticipated return would not justify so large an outlay and certain deviations were ordered to be investigated.

2. The line proposed by Col: Smart R.E. is shown on the tracing which accompanied the Estimates as originally sent in by him. It started from a new head sluice in

in the Govindavadi Channel, crossed the Veghamangalam & Mamandur spring channels & after passing below and South Karinedu Tank bund was dropped into the old Damal kalana and from thence it was carried by existing courses to Kolatheer & Damal Tanks.

3. The Chief Engineer for Irrigation suggested carrying the whole of the supply required for Kolatheer & Damal Tanks across the Karinedu spring channel and dropping the whole quantity of water into Karinedu Tank. This proposal was reported on in this Office No 375 S.E. of 21st September 1893 with modifications & they were approved by Supg: Engineer. Since then a further improvement has been thought of and it is believed that the present proposals are the best possible if any such project is to be carried out.

4. The present scheme may be divided into two distinct branches which can be carried out independently of each other.

(A) Supply of Kolatheer Tank through Karinedu Tank.

(B) Improved supply of Damal Tank through Anaber Tank.

The supply has been divided thus because (1) Karinedu Tank is well supplied by spring channels & it is advisable to pass as little silt bearing flood water into the Tank as possible. (2) There is an already existing large channel & head sluice to Anaber Tank which channel when improved is the most natural way to supply Damal Tank.

5. Supply to Kolatheer Tank (A). The existing abandoned head sluice to Karinedu Tank will be made u of. This Head sluice was built about 6 years ago and a channel excavated to take water to the Tank by means of existing spring channels. It was however at once given up on account of the injury the flo water would cause to the spring channel. The head sluice has a vent 5' x 5' which will be fitted wi a screw gearing shutter (see calculation sheet herewith). About 700 ft below the head the new line will lea the old channel & passing through

dry

dry and peramboke land will join the Tank at its junction with the spring Channel. The only masonry work required in this portion of the channel is a drop at 5000 feet below the head.

6. The required supply of 60 Cft. per second will be passed out of Karinedu Tank by means of vents in the weir. It now has 3 vents 2 3/4' x 2' each which cannot discharge the required supply each vent will be widened by 1 foot which with a head of 6" will give the correct discharge

7. At about 300' below weir of Karinedu Tank the surplus channel of that Tank joins the old Damal Channel and at this point there is an old division Calingulah at the head of the Channel leading to Kolatheer Tank. This will be dismantled as the foundations are not strong enough to stand a new work.

A new regulator will be built just below the existing one designed to pass 60 Cft of water to Kolatheer Tank with a head of 4 feet in front while the Damal branch will be designed to carry the whole of surplus 283 Cft from Karinedu Tank. No water will be passed down the Damal branch until the wants of Kolatheer Tank is complied with.

8. From the Division Regulator the channel to Kolatheer Tank is in fair order and needs no repairs. Kolatheer Tank is in good order & needs no repairs.

9. Improvements of supply to Damal Tank. (B) This will continue to get its main supply as before through Avaleer Tank. The supply channel to Avaleer Tank is much silted up and will be cleared to the proper section as shown in the calculation sheet and cross sections. At 1 mile + 4170 ft a spring channel to Perumbulipakkam Tank passes under the Avaleer Channel by an aqueduct.

vide page 31 of G.O. No 561 I of 13th June 1894.

It is proposed to give a required supply to Perumbulipakkam Tank (large and small), in the Palar Anicut system. The Collector's approval has been obtained vide

(vide copies of correspondence attached) and a vent will be provided in the wing of the aqueduct for this no drawings are necessary and a lump sum of Rs 60 has been provided in the Estimate.

10. On leaving Anaber Tank the supply to Damal Tank passed down the channel supplying Damal as it hitherto done.

11. As on some occasions after Kolathur Tank has been filled water may be available from Karivedu Tank & the Existing state of affairs at the crossing of the Anaber surplus and old Damal supply channel have to be put in proper régime (see sketch map)

Originally the surplus from Anaber Tank was carried over the old Damal supply by a super passage and supplied Sadatangal & Sangarambadi Tanks. The old Damal Channel has however silted up 6' and the water passing down it finds its way down both courses impartially. A vented dam will therefore be built across the old Damal Channel with its crest at the same level as the dam in the Anaber surplus channel which supplies Sadatangal Tank. The following arrangement will be enforced. The vents of the newly constructed dam in the Damal Channel will be open whenever water is passing down the old Damal Channel when there is surplus water passing from Anaber Tank and none down the Damal channel the vents will be closed. While the vents of both will be kept open so long as water is flowing down both channels.

H L Chat

Executive Engineer

Madr. D

SUPG. ENGINEER'S OFFICE
No. 557 na
28 SEP 95
Enclo 4
FOURTH CIRCLE

CHIEF ENGINEER
FOR IRRIGATION.
16 DEC 95
No. 4 oha
13

Rs. 3
6072/86

ESTIMATE FORM—Abstract—Classified.

Sub-head.	Names of Works.	Amount of Estimate for individual Work.	Total of Sub-heads.	Total for each Canal or Distributary.	Total of each main head.	Remarks.
1	2 Irrigation 43. Minor works & Navig Minor works for which Capital & Rev. Accts are kept Palar Anicut System Capital account 3. Distributaries	3	4	5	6	7
	Karinedu, Kalattur and Damal etc project					
	Kalattur Branch					
4. Earthwork 1	Cutting Karinedu, Kalattur proposed extension from a point 700 feet below the existing Head Sluice in Govindavadi chel.	1430	✓			
3. Works 2	Proposed improvements to the existing Head Sluice of Karinedu, Kalattur chel. above Drop No: 7 in the Govindavadi Chel.	170	✓			
3 Works 3	Proposed Drop at 5000 feet below Head in Karinedu and Kalattur Chel.	280	✓			
3 Works 4	Proposed Regulators in Kalattur and Damal branch chel. below Karinedu tail weir.	578 ~~580~~	✓			
	C. o	2460	✓			

Station
Dated 188

Executive Engineer.

P. W. D. Madras.
Form No. M. 77 g.

REFERENCE TO MADRAS P. W. D. CODE,
CHAPTER VII—PARAS 968 & 968 A.

ESTIMATE FORM—ABSTRACT CLASSIFIED.

IRRIGATION.

————— CIRCLE.

DIVISION—

DISTRICT—

To accompany the Detailed Estimate No. of 188 -8 , for *

* Here enter the Name and Description of work in full.

ESTIMATE FORM—ABSTRACT—CLASSIFIED.

Sub-head.	Names of Works.	Amount of Estimate for individual Work.	Total of Sub-heads.	Total for each Canal or Distributary.	Total of each main head.	REMARKS.
1	2	3	4	5	6	7
	B. F. Kalattur Branch (contd)	2450				
3 Works 5	Constructing the proposed regulating weir at the crossing of the Anaker supply with the Damal Chal at one mile, 7 furlongs below Karimedu tank weir	280		2730		
	Damal Branch.					
4 Earthwork	Improving and strengthening the Anaker Chal to supply Damal etc tanks —	1250				
3. Works 2	Improvements to the Anaker Chal Hd Sluice	650		1900		
	I Works Total Rs.			4630		
	II Establishment			1065		
	III Tools & Plant			5		
	Total			5700		

Sanctioned in G.O. No. 84 of 24 January 1896

Registered as No. 182 of 1895-96.

H Hannan
Supg. Engineer
4th Circle.

STATION Vellore
Dated 24/9/1895

H. Merle
Executive Engineer, N. A. Dn.

REFERENCE TO MADRAS P.W.D. CODE.
PARAS. 1074 AND 1075.

SUPG. ENGINEER'S OFFICE, P.W.D.
No. 557 N.a.
28 SEP. 95
Enclo: 15
FOURTH C

P.W.D. FORM.
No. M. 210.

Fourth CIRCLE.

CHIEF ENGINEER
FOR IRRIGATION.
16 DEC. 95
No. 1102 a

DIVISION— } North Arcot
DISTRICT— }

ESTIMATE FORM—ABSTRACT—CLASSIFIED.

To accompany the Detailed Estimate No.

of 188 -8 *for

Karivedee, Kolattur and Damal etc project.

Rs. 4640/-

* Here enter the Name and Description of work in full.

[illegible]
472/56

No. 283/I

Supg. Engr's Office 4th Circle
Camp
13th December 1895

From
J. Hamman Esq
Supg. Engineer 4th Circle

To
The Chief Engineer
for Irrigation
Madras

Encls: 28
7. Estimates
8. Level Sheets
5. Plans
2. Hydraulic Statements
1. Report
1. Financial statement
1. Classified abstract
1. Data Sheet
1. Tracing of Revised Sketch
1. Original tracing
28

(sent separately

Sir,

With reference to your Memorandum No. 66/N.a. dated 13th July 1893, I have the honor to submit herewith for sanction of Government the revised plans and estimates amounting to Rs: 4,630 for proposed channels to supply Karivedu, Kolattur, Damal and other tanks from the Govindavadi channel in connection with the Palar System.

2. As regards the proposal, in your Memo: under reference, to carry the supply channel to Kolattur &c. tanks through the Karivedu tank, the Executive Engineer has reported, in his letter No. 375. S.E. dated 21st September 1893, that the scheme though practicable, would be

Somewhat

somewhat expensive owing to its being impossible to carry the new channel along the right bank of the Karinedu Spring channel without infringing on a great deal of expensive wet land for which heavy compensation will have to be paid, and that it will also intercept the drainage of Dravandur fields, necessitating the construction of an Inlet.

3. The Executive Engineer has also reported that your scheme would cost Rs: 5600 as detailed below—

	Rs
Constructing new head sluice —	1,230
Cutting channel —	1,100
Compensation for land —	2,000
Clearing jungle —	70
Aqueduct across the Karinedu Spring channel }	800
Inlet to proposed channel —	250
Converting Karinedu tank weir into Regulator }	150
Total	5,600

4. I therefore agree with the Executive Engineer in thinking that the scheme sluice proposed by him to supply the Kolathur and Damal tanks by two distinct branches which can be carried out independently of each other with less cost is the best possible one if any project is to be carried out a sep

plained in the report accompanying the estimates now submitted for sanction.

I have the honor to be
Sir
Your most obedient Serv

Supg Engineer 4th Cir

P. W. CURRENT No. 472

From,

The Supg. Engineer,
IV Circle.

CHIEF ENGINEER FOR IRRIGATION.
18 DEC. 95
H1104a

Encls 30 (16 plans)

Regd: 17.1.96

Dated 13th } December 1895.
Despd. 14th }

No. 282/I

Enclosures 28.

No. 561 I of 13-6-84 ✓
" 6523 " 14-8-95 ✓

Karivedu & Kolathur &c. Tanks.

Submitting for sanction an Estimate of Rs 4,630 for supplying the — from the Govindvadi channel, in connection with Palar Anicut system.

P. W. Department

Note for the Superintendent Government Pr.

Will you be so good as to furnish the information desired by the Under Secretary to Government P.W.D. Irrigation Branch, dated the 28th September 1904 (Minute No. 10 ab.

Chepauk
30th Septr. 1904 }

J. Subrahmaniyan
Head Clerk, P.W. Secretariat

Ref. No. 4049
I/3.10.04

Reply--

One Polur Narayana Rao, No.18, Hanumantharoyan Coil Street, Triplicane, Madras, wants to know whether printed copies of the following records are available for sale to the public, and if available, the price of each thereof:--

(1) G.O. No.84-I, dated 24th January 1896, of the Government of Madras, Public Works Department, Irrigation Account Branch.

(2) G.O. No.561-I, dated 13th June 1884, Public Works.- Notes on the revised estimates for the Palar Anicut system.

R. Hill

1-10-1904.

Submitted to D. for orders.
It is not stated why P. Narayana Row wants copies of the G.O.s referred to.

4.10.04

I/ Submitted that we may reply that copies of the papers are not now available for issue to the public?
MRK 6/10.

Approved. 9.10.04

Please see D's orders. vide 10.7.04 " T.V." reference.

R

Telephone

From

A.C. P.W.D.

To

S. G. P.

With reference to your telephone of the 17th September 1904 and your reminder of the 26th idem regarding G.O.s No. 84 I, d 24-1-96 & No. 561 I d 13-6-84 asked for by Mr Polur Narayana Rau, the Joint Secretary to Govt. P.W.D. Irrigation Branch has decided that copies of the papers are not now available for issue to the public.

J.A.S.
12.10.04

D/12/10

R.R.

Ref. Return the old papers to the G.O. Dept.

C.R.
12-10-04

88.
7-04

TELEPHONE MESSAGE.

Date 17-9-04 Hour	Date Hour
From Press	From
To A C W	To

MESSAGE.	REPLY.
Please let me know if the undermentioned G.O.s were placed in E.T. as they are required for sale & if placed on E.T. the no. of pages in each to calculate their price. G.O. 84 I d/ 24-1-96 " 561 I " 13-6-84 JMP 17/9	~~A.C.~~ (3) ~~The~~ originals of the G.Os are put up. There is nothing to show that the orders were placed on the E.T. C.R. 20/9/04

R.R.

Telephone

To

S.G.R.

Please send the original of G.O. No. 561 I d/ 13-6-84 for reference.

C.R.
19-9-04

OVER

~~MESSAGE.~~

(4)

M. E. I.

Please say whether you know ~~[illegible]~~ if these papers were placed on the Editor's Table. If they were not, please obtain D's orders whether these orders can now be made available to the public

JMS
20.9.04

(5)

~~H.C.~~
W.

~~It is presumed that G.O. No 561-2 D/13. 6. 84 could not~~.

There is no information on the point in this office. It is probable however that G.O. No 561-2 D. of 13. 6. 84 was not placed on the Editor's Table as it ~~was~~ not then usual to ~~pla~~ communicate to the Press orders on projects etc requiring the sanction of Govt. in advance of the receipt of such sanction. As it is understood that a list of papers placed on the E. T. has been kept in your office by the Desp.r, it is suggested that a reference may be made to the registers of the years concerned. If these are not available, D's orders will be obtained.

MA
M.E.I. 21.9.04

H.C.
W

REPLY.

(6)

Despatcher

I don't think we have E. T. lists for 1884 with us. Probably we may have E. T. lists for 1896. Please look up and let me know.

JMS
22.9.04

(7)

H.C.

E. T. lists for 1884 is not available in records, nor for 1896.

N.
26.9.04

(8)

M.E.I.

Will you kindly obtain D's orders under these circumstances?

JMS
26.9.04

(9)

To D. I.

Submitted for orders

MA
26.9.04

(10)

Please ask W office to state who wants the papers & for what purpose

[illegible]
28/9/04

PUBLIC WORKS SECRETARIAT, CHEPAUK, MADRAS.

[illegible]
7-04]

TELEPHONE MESSAGE.

Date ______ Hour ______	Date ______ Hour ______
From Press	From
To H. C. W.	To

MESSAGE.	REPLY.
Kindly let me have a reply to my telephone message of the 17th instant enquiring if G.O. Nos 561-2 D/13 June 1884 & 82-2 D/24 ~~[illegible]~~ Aug 1896 were placed on E.T. & if so let me know the No. of pages in each G.O. to ascertain the cost of each for sale to the Public. MA 26/9	Enquiries ~~[illegible]~~ being instituted as to whether ~~[illegible]~~ orders were ~~not made~~ available to the public. The orders of the Joint Secy to the P.W.D. Irrign Br will be taken in the matter & final reply sent to you during the course of the week. JMS

S.P. written to who wants & for what purpose
30/9

OVER