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Government of Madras

Public Works

DEPARTMENT

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312 A			
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Not to be folded or roughly handled

*Proceedings of the Madras Government. Public Works Department.
19th August 1873.*

No. 309. * Read the following letter from Major J. O. HASTED, R.E., Officiating Superintending Engineer, 6th Division, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Tanjore, 7th September 1872, No. 428 :—

As directed in Memorandum, No. 7, dated 1st February 1872, I have the honour to submit two lists, one of the Conservancy Establishment which I propose for the Tanjore District, and the other of the Navigation Establishment proposed in my letter, No. 831, dated 17th January 1872. If the arrangements I propose are approved, the new establishments may be entertained from the 1st proximo.

2. The re-distribution of the Navigation Establishment has been explained in my letter above referred to, and I need only repeat here that it effects a saving of Rupees 4 per mensem.

3. The proposed list of Conservancy Establishment has been prepared after much consideration and consultation with Range Officers. In the column headed "present scale" the permanent Conservancy Establishment at present employed for which provision is made in the Budget is detailed in black ink, and the temporary establishment which is paid from estimates sanctioned from "Agricultural Repairs" in red ink. The cost of the former is Rupees 477-14-0 per mensem, and of the latter Rupees 624.

4. The present arrangement of the Conservancy Establishment which has been in force, I believe, for many years is for many reasons very unsatisfactory, and it is admitted by all the officers I have consulted that some reform is necessary. The "Monigars," as they are called, are paid from Rupees 10-12-0 to Rupees 6 per mensem, and the "Cottens" and "Cavalgars" who work under them, with but very few exceptions, Rupees 4 per mensem. Their duties are manifold: the regulation of head works, working of shutters, recording gauges, protection of Government jungles, charge of Nanul plantations, general supervision of river banks, etc., and the temptations they are exposed to are consequently very great. A man now looks on a Monigar's or Cotten's place as a provision for life, to be made the most of, and expects that his son will succeed him; he has no promotion to look forward to, so he settles down as near as possible to his work, probably keeps a few cows or goats on the Government jungles and Nanul plantations, and very likely lets the right of grazing thereon to other villagers; he does as little as he can, and if he is stationed at a further distance from the head-quarters of the range than a morning's ride, he is always found at his post by the Range Officer with a little piece of work, such as a few yards of Nanul planting, to show in evidence of his attention to his duties. Those who are nearer to head-quarters are less fortunate, and I lately summarily dismissed two Monigars of several years' service whom the Range Officer found frequently absent from their works, and who would not attend in spite of repeated warnings.

5. The establishment I now propose consists of four grades of Superintendents on 15, 12, 10, and 8 Rupees a month, and three grades of lascars on 6, 5, and

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4 Rupees a month. As vacancies occur men will be promoted and moved from place to place and the higher grades of Superintendents will be, if deserving, promoted to Maistries. The temporary establishment will be entirely done away with, and the lascars will be as far as possible placed under Superintendents, who in their turn will be under Overseers. The effect of placing all the Superintendents and lascars on the permanent list will be to make the men more careful lest they should lose their appointments, and the chance of promotion will be an inducement to hard work.

6. If objection is raised to increasing the expenditure under the head of establishment by putting all the establishments on a permanent footing, I would suggest that a moiety of the cost of the establishment should be chargeable to Agricultural Repairs, which may properly be done, as under proper supervision a great deal of actual work, such as Nanul planting, repair of gullies in embankments, etc., may be carried out by the establishment.

7. The total cost of the present Conservancy Establishment, as stated above, is Rupees 1,101-14-0 per mensem. A further establishment was proposed to be entertained on the completion of the Vennaur regulators, and the cost of this establishment was estimated by Captain Oakes at Rupees 206-8-0 per mensem. The total cost would then be Rupees 1,308-6-0. The cost of the establishment I now propose is Rupees 1,287, and this includes the men who will be required on the Vennaur regulators. These works will, I hope, be completed next working season, and the establishments can be very usefully employed if appointed at once.

8. As the list of proposed establishment was made out before Nos. 3 and 6 Ranges were amalgamated, I have shown in the detailed list the establishment in six ranges. No difference will be made by the amalgamation.

6TH DIVISION.

TANJORE DISTRICT.

Abstract of Conservancy Establishment at present employed and that proposed.

Range.	Now employed Cost.			Proposed Cost.			Saving.			Excess.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
No. 1 Range	368	14	0	360			8	14	0			
" 2 do	266	0	0	361						95	0	0
" 3 do. and its sub-division or old	96	0	0	120						24	0	0
" 6 do.	122	0	0	176						54	0	0
" 4 do.	117	0	0	128						11	0	0
" 5 do.	132	0	0	142						10	0	0
Total	1,101	14	0	1,287			8	14	0	194	0	0
Total Excess										8	14	0
										185	2	0

TANJORE,
7th September 1872.

(Signed) J. O. HASTED, Major, R.E.,
Officiating Superintending Engineer, 6th Division.

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6TH DIVISION.

TANJORE DISTRICT.

Abstract of Navigation Establishment at present employed and that proposed.

Range.—No. 2 Range. Now employed, cost.—Rupees 112. Proposed cost.—Rupees 108.
Saving.—Rupees 4. Excess.—Nil.
(Signed) J. O. HASTED, Major, R.E.,
TANJORE,
7th September 1872.
Officiating Superintending Engineer, 6th Division.

From the Officiating Chief Engineer for Irrigation, to Major J. O. HASTED, R.E., Acting Superintending Engineer, 6th Division, dated Ootacamund, 15th October 1872, No. 217.

WITH reference to your letter, No. 428, dated 7th ultimo, I have the honour to observe that you propose a permanent establishment of bank

Statement A.

watchers, etc., instead of the temporary establishment now entertained and sanctioned from estimates. Your proposition, therefore, is to increase the permanent establishment attached to the Tanjore District by some 647 Rupees per mensem, and to effect a saving to that amount in the Agricultural allotments, as the work which the bank establishment should perform is the conservancy of the bank by the repair of gullies, the protection of the bank at weak spots, by planting Nanul or filling in rear of protective work with brushwood, straw, etc.; it appears to me that the cost of the establishment should more properly be charged to Repairs Agricultural than to establishments; and, as the members of the bank conservancy establishment as a rule draw very small salaries, it appears to me to be advantageous that the power of appointment and dismissal should rest with the Range Officer. If brought on to the list of the permanent establishment the appointments and dismissals must receive the sanction of the Superintending Engineer, and there would be constant appeals to the Superintending Engineer relative to dismissals, etc. The appointments to the permanent ancient establishments might be given to men who have done well while employed in the temporary bank establishment, and so an inducement might be held out to the members of the temporary establishments to perform their duties satisfactorily.

2. The establishments I would propose to entertain as permanent establishments are those marked by a pencil line generally; I approve of the strength of the establishments proposed, but in some cases I have shown in pencil the alterations which appear to me to be necessary, and would suggest their adoption. In cases in which alterations in the strength of the permanent establishment are proposed, the grounds on which the alteration is based should be stated opposite to each work in the column provided for the purpose.

3. I observe that you propose to place the Alamailpuram, Thenperambore, and Zembor Cauvery Anais under the Monigar of the Vettur head; if so, it would be well to provide two lascars at 6 Rupees for the two latter; and as the existing establishment consists of nine cottens, at least sixteen in all should be provided for the Vettur head, as there are no less than forty-seven shutters in the head work, and it will be necessary to be moving some of these constantly. I have, therefore, augmented the cost of the establishment from Rupees 60 to Rupees 82 per mensem.

4. There is still a great deal to be done to the Vallum head and the river bed above it, and hence if the conservancy of the channel also is to be placed under the Monigar, six instead of four lascars on Rupees 4 should, I think, be provided for that head.

5. With regard to the Navigation Establishments for No. 2 Range, I have the honour to request that you will be good enough to inform me whether Act I. of 1870 has been made applicable to the navigation between the Cauvery and Coleroon, for if so the Navigation Establishments will have to be provided for from Local funds, and of the (1) Perumal Covil lock and sluice, (2) the Cauvery and Arasalur dam, (3) the Munnayaur upper and lower locks, and (4) the Terupendal and Thattuvanchari locks. (1 and 2) are to be placed under the Navigation Establishment, a portion of the salary of the Monigar of the Perumal Covil lock should be provided

for under Agricultural. The present establishment of (3 and 4) is stated to be nil, i. e., it is presumed under Agricultural, but with the establishment provided under navigation in Table B it is not clear why seven lascars are required under Agricultural in addition to the establishment provided under navigation.

6. I should feel disposed in revising the establishments to do away with the permanent establishments for the works noted in the

	Rs.		Rs.
Open anicut ...	8	Davadanum ...	4
Odumbogyee ...	4	Velliyaur head and	
Kaduviyaur ...	4	Zengun Korambo ...	4
Adapsur ...	6	Vettau dam and Vettaur	
and Mulliyaur ...	4	head at Kungalan-	
Pullavanur ...	5	chari ...	4
Hurrichandranuddi	4		
Vandel ...	4	Total ...	51

Range.	Present.	Proposed.
	Rs.	Rs.
No. 1 ...	293-14	392
" 2 ...	98	206
" 5 ...	26	29
" 6 ...	10	65
Establishment to be temporary and not permanent	51	
Total ...	477-14	682

margin, and to provide for those works by temporary establishments connected with the channel in which the works exist. Independently then of the establishments under Agricultural proposed to be placed under the Navigation Superintendents, the present and proposed permanent establishments would be as per margin. Of the latter amount Rupees 192 provide for the new Vennaur regulators; this sum being Rupees 42 in excess of the sum proposed by you, including Rupees 12 for the Lower Anicut establishment, which may perhaps be carried to the head temporary, for though it may be well to have no temporary establishment engaged in the immediate neighbourhood of a masonry work, there is no objection to the temporary establishment for the conservancy of a river bank being placed under a permanent Monigar. The establishments for the larger works proposed by you and which include provision for the conservancy of the river beds adjacent to the works have not therefore been reduced.

No. 310. From Major R. F. OAKES, R.E., District Engineer, Tanjore, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, Public Works Department, dated Tanjore, 24th July 1873, No. 429.

I HAVE the honour to inform you that of the Vennaur regulators under progress those at the Vettaur, Pamaniyaur, and Pandaviyaur heads are so far advanced as to admit of regulation to some extent being undertaken this

- 1 Statement A.
1 Do. Z.
1 Do. A by Major Hasted, R.E.

season; it is necessary, therefore, that establishments should be sanctioned for those works, and I enclose a tabular statement in the prescribed form providing for

	Rs.	A.	P.
Vettaur head ...	95	8	0
Pamaniyaur and Corayaur head ...	58	0	0
Pandaviyaur and Vellayaur heads ...	75	0	0
Athiveeraramanaur head ...	8	0	0
Total ...	236	8	0
	36	0	0
	200	8	0

2. The Vennaur regulators, as you are aware, are regulators, i. e., will divide the water according to the requirements of the lands under the rivers or according to the capacities of the rivers to discharge flood waters only when the shutters are correctly worked, and with the quantity of water in the rivers constantly varying it will be necessary to have some of the shutters frequently moved, and hence a portion of the establishment must remain on the works during the night

establishments as per margin; the actual increase in the cost of establishments for these works will only be Rs. 200-8-0 per mensem, as it is possible to absorb in the new establishment for the Vettaur head works existing establishments which cost Rupees 36 per mensem as explained in the statement.

as well as during the day, and hence what at first sight may seem a large establishment of lascars has been provided for the regulation of the works.

3. The Pamaniyaur and Corayaur heads branch from the same point of the Vennaur, while the Pandaviyaur and Vellayaur heads are 2½ miles apart; the latter, however, are placed under one Superintendent, but must have separate establishments of lascars, for both heads would have to be worked at the same time, and hence the excess of the cost of the establishments for the latter over that for the former heads.

4. In submitting the statement of establishment required for the new regulators, it has been deemed desirable to revise the permanent Conservancy Establishment in the Tanjore Delta, and to increase the salaries generally of the Monigars who are now termed Superintendents, and whose salaries were fixed at a time when the cost of living was far below what it now is.

5. The salaries of all lascars in sole charge of special works have been raised from 4 to 5 Rupees per mensem, and the salaries of head lascars at large works have also been raised to 5 or 6 Rupees, as these men may be regarded as being in more responsible positions than the ordinary lascars, and an incentive to zeal and efficiency is induced by having grades in the salaries of the lascars. The great majority of the lascars are provided with only Rupees 4 per mensem, which is really less than what an able-bodied cooly can earn if employed throughout the month, exclusive of Sundays; and it may

perhaps be well to take the opportunity of the revision of the establishment to raise the salary of the lascars to Rupees 5 per mensem; this would add Rupees 92 per mensem to the cost of the permanent Conservancy Establishment for the district, which will then amount to Rs. 900-8-0 per mensem instead of Rupees 808-8-0 as per statement enclosed, against Rupees 589-14-0 as it has hitherto been, inclusive of the Navigation Establishments for the Munniyaur locks, which, though abolished so far as navigation is concerned, must be maintained on the scale provided for regulation purposes in connection with the sluices and dams in the neighbourhood of the locks.

6. In addition to the permanent Conservancy Establishment which is provided for in the Budget under the head of establishment, there is a temporary establishment of Cavalgars or watchmen for the more important river plantations and banks; the duty of this temporary establishment is to conserve the banks by the repair of gullies, etc., in them, by filling in rear of groynes, etc., with brushwood, etc., when necessary, by protecting weak spots on emergency, and by calling attention to dangerous spots, or to the destruction or injury of any protective works, by planting Nanul in the dry season, etc., etc.

7. You will observe from the correspondence noted in the margin that Major Hasted was desirous of doing away with this temporary establishment and of providing a permanent establishment in its stead, or, in other words, he desired that the duties described above should be provided for under establishment, while I am of opinion that it should be provided for as heretofore under repairs, as the

establishment is really one employed more or less on repairs, while that employed on the masonry regulators, and which forms the permanent Conservancy Establishment, is employed for the most part on entirely different duties, and while the strength of the latter must be maintained permanently, that of the former may and does vary according to the actual requirements of the rivers banks or beds at different periods; however, as your views may accord rather with Major Hasted's than with mine, I enclose the original statement which accompanied his No. 428.

8. You will observe that in paragraph 6 of my No. 217, I proposed that certain establishments now provided for in the Budget should be transferred to the temporary establishment and be provided for under repairs, but I have included them in the revised statement of permanent establishment, as my views relative to decentralization, and the placing of as much power and control as possible in the hands of executives do not, I believe, accord with those of the present advisers of Government.

9. The full establishment for the regulators will not be required this season. Enclosure Z shows the establishment required from the 1st August, and I beg that it may be sanctioned at once. The amount required to the 31st March 1874 will be Rupees 672.

STATEMENT A.
Tabular Statement of Increase proposed to the Conservancy Establishment, Tanjore District.

EXTRACT FROM HOME DEPARTMENT OF GOVERNMENT OF INDIA.			Office to which the Proposition refers.		NATURE OF CHARGE.		PROPOSITION.		ORDERS OF THE GOVERNMENT OF INDIA.	
No. Date.		Present Scale.	Proposed Scale.	Increase per Month.	Decrease per Month.	Grounds of Proposition.	Local Government's recommendation.	P. W. DEPT.	Remarks.	Remarks Orders.
1.	2.									
		4	5	6	7		9	10	11	12
<p>No. 1 RANGE.</p> <p>Upper Aicut. Rs. A. P. Upper Aicut. Rs. A. P.</p> <p>1 Monigar, at Rs. 10-12-0 10 12 0 1 Superintendent, at Rs. 15... 15 0 0</p> <p>1 Head Cottens, at " 6... 6 0 0 2 Lascars, at " 6... 12 0 0</p> <p>12 Cottens, at " 4... 48 0 0 3 Do., at " 5... 15 0 0</p> <p>3 Do., at " 4... 12 0 0</p> <p>64 13 0 60 0 0</p> <p>Vannur Head. Grand Aicut, Vannur Head, Coriadi</p> <p>1 Monigar, at Rs. 10-2-0... 10 2 0 1 Superintendent, at Rs. 12 12 0 0</p> <p>11 Cottens, at " 4... 44 0 0 Grand { 1 Lascar, at " 6... 6 0 0</p> <p>Aicut. { 3 Do. at " 5... 15 0 0</p> <p>Vannur { 3 Do. at " 4... 12 0 0</p> <p>Head { 1 Do. at " 6... 6 0 0</p> <p>Coriadi { 1 Do. at " 4... 12 0 0</p> <p>Calin { 1 Do. at " 5... 5 0 0</p> <p>gulab { 1 Do. at " 4... 4 0 0</p> <p>54 2 0 63 0 0</p> <p>Codamoorly Head. Codamoorly Head and Alamaniyam Aicut.</p> <p>1 Monigar, at Rs. 10... 10 0 0 1 Superintendent, at Rs. 10... 10 0 0</p> <p>4 Cottens, at " 5... 20 0 0 4 Lascars, at " 5... 20 0 0</p> <p>30 0 0 3 Do., at " 4... 12 0 0</p> <p>30 0 0 43 0 0</p> <p>Alamaniyam Aicut.</p> <p>3 Cottens, at Rs. 4... 12 0 0</p> <p>43 0 0</p>										
<p>The salary of Rupees 15 will not go so far as Rupees 10-12-0 would have gone when the appointment was originally made. The duties of opening and closing the sluices are very responsible duties, for by a change in the sea of the river, i.e., of the deep stream, the order of opening and closing the vents may have to be altered to prevent a scour along the face or in rear of the work. I would like to give the Monigar Rupees 20, and the Lascars Rupees 5 each; 12 Lascars in all will be sufficient. One Superintendent has charge of all these works which are within a range of 4 miles, and action has often to be taken at all relative to opening or closing sluices at the same time, and a head Lascar to act in the absence of the Superintendent is desirable. No judgment is required relative to the opening and closing of the vents; this is done under Standing Orders.</p> <p>Sanctioned in G. O. No. 1276, of 18th May 1970.</p>										

Tabular Statement of Increase proposed to the Conservancy Establishment, Tanjore District.—(Continued.)

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EXTRACT FROM HOME DEPARTMENT OF GOVERNMENT OF INDIA.			Office to which the position refers.		NATURE OF CHANGE.		PROPOSITION.		ORDERS OF THE GOVERNMENT OF INDIA.			
No.			Date.		Present Scale.		Proposed Scale.		P. W. DEPT.		FINANCIAL DEPARTMENT.	
1			3		4		5		10		11	
									Remarks		Orders.	
									Grounds of Proposition.		Local Government's recommendation.	
									Increase per Month.		Decrease per Month.	
									6		7	
									8		9	

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[illegible]

Tabular Statement of Increase proposed to the Conservancy Establishment, Tanjore District.—(Continued.)

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19th August 1873.

EXTRACT FROM HOME DEPARTMENT OF GOVERNMENT OF INDIA.		Office to which the Proposition refers.	NATURE OF CHARGE.		PROPOSITION			Grounds of Proposition.	Local Government's recommendation.	ORDERS OF THE GOVERNMENT OF INDIA.		
No.	Date.		Present Scale.	Proposed Scale.	PERMANENT.		Remarks.			Remarks Orders.	P. W. DEPT.	FINANCIAL DEPARTMENT.
					Increase per Month.	Decrease per Month.						
1	2	3	4	5	6	7	8	9	10	11	12	
No. 2 RANGE—(Concluded.)												
Perumal Covel Lock and Sluice.												
RS. A. P.												
1 Munigar, at Rs. 17-8-0 ... 17 8 0												
1 Cotten, at " 4-8-0 ... 4 8 0												
3 Do., at " 12 0 0 ... 36 0 0												
34 0 0												
Canary and Arasalar Head.												
1 Superintendent, at Rs. 8 ... 8 0 0												
1 Cotten, at " 5 ... 5 0 0												
13 0 0												
47 0 0												
Munniyur Upper and Lower Locks and Sluices.												
1 Munigar, at Rs. 14 ... 14 0 0												
5 Cottens, at " 4 ... 20 0 0												
1 Superintendent, at Rs. 10 ... 10 0 0												
2 Lascars, at " 6 ... 12 0 0												
4 Do., at " 4 ... 16 0 0												
33 0 0												
Terpendal and Thattuvenchari Locks.												
1 Munigar, at Rs. 15 ... 15 0 0												
2 Cottens, at " 4-8-0 ... 9 0 0												
4 Do., at " 4 ... 16 0 0												
40 0 0												
Terpendal and Thattuvenchari Locks.												
1 Superintendent, at Rs. 8 ... 8 0 0												
1 Lascar, at " 5 ... 5 0 0												
13 0 0												
27 0 0												
The lock is to be closed under G. O., No. 103, dated 20th May 1873, but at the lock are the Perumal Covel under sluices by which the Munniyur is in a great measure supplied. The Arasalar head is only about a mile from the sluice and one Superintendent may look after both.												
Locks ordered to be closed under G. O., No. 103, dated 20th May 1873; the establishment must be kept up to open sluice and dam shutters; locks are 4 miles apart by bank.												
Locks ordered to be closed, the channel between locks receives drainage, and lower lock gates cannot be closed.												

The lock is to be closed under G. O., No. 103, dated 20th May 1873, but at the lock are the Perumal Covel under sluices by which the Munniyur is in a great measure supplied. The Arasalar head is only about a mile from the sluice and one Superintendent may look after both.

Locks ordered to be closed under G. O., No. 103, dated 20th May 1873; the establishment must be kept up to open sluice and dam sluices; locks are 4 miles apart by bank.

Locks ordered to be closed, the channel between locks receives drainage, and lower lock gates cannot be closed.

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New regulators with 27 vents provided with sluices—See remarks relative to establishment for Vettur regulator.

A Superintendent is much required here; the single Cavalgar is obliged to get the assistance of the neighbouring villagers to enable him to open and close the sluice, etc.

Cottayur and Panniyur Head-works.

1 Superintendent, at Rs. 15 ... 15 0 0
1 Lascar, at " 6 ... 6 0 0
1 Do., at " 5 ... 5 0 0
8 Do., at " 4 ... 32 0 0
53 0 0

No. 3 RANGE.

Open Anicut.

3 Cavalgars, at Rs. 4 ... 12 0 0
1 Lascar, at Rs. 5 ... 5 0 0
1 Do., at " 4 ... 4 0 0
8 0 0

Selloor Anicut.

1 Munigar, at Rs. 6 ... 6 0 0
1 Cotten, at " 4 ... 4 0 0
10 0 0

Ottumboyar Head and Zengur Korambo.

1 Cotten, at Rs. 4 ... 4 0 0
4 0 0

Vettur Dam and Chittur Head at Kungulachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

No. 4 RANGE.

Ottumboyar Anicut at Kulliyadi.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

Kaduvayur Anicut at Vaddiyachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

1 Superintendent, at Rs. 15 ... 15 0 0
1 Lascar, at " 6 ... 6 0 0
1 Do., at " 5 ... 5 0 0
8 Do., at " 4 ... 32 0 0
53 0 0

Open Anicut.

3 Cavalgars, at Rs. 4 ... 12 0 0
1 Lascar, at Rs. 5 ... 5 0 0
1 Do., at " 4 ... 4 0 0
8 0 0

Selloor Anicut.

1 Munigar, at Rs. 6 ... 6 0 0
1 Cotten, at " 4 ... 4 0 0
10 0 0

Ottumboyar Head and Zengur Korambo.

1 Cotten, at Rs. 4 ... 4 0 0
4 0 0

Vettur Dam and Chittur Head at Kungulachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

No. 4 RANGE.

Ottumboyar Anicut at Kulliyadi.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

Kaduvayur Anicut at Vaddiyachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

1 Superintendent, at Rs. 15 ... 15 0 0
1 Lascar, at " 6 ... 6 0 0
1 Do., at " 5 ... 5 0 0
8 Do., at " 4 ... 32 0 0
53 0 0

Open Anicut.

3 Cavalgars, at Rs. 4 ... 12 0 0
1 Lascar, at Rs. 5 ... 5 0 0
1 Do., at " 4 ... 4 0 0
8 0 0

Selloor Anicut.

1 Munigar, at Rs. 6 ... 6 0 0
1 Cotten, at " 4 ... 4 0 0
10 0 0

Ottumboyar Head and Zengur Korambo.

1 Cotten, at Rs. 4 ... 4 0 0
4 0 0

Vettur Dam and Chittur Head at Kungulachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

No. 4 RANGE.

Ottumboyar Anicut at Kulliyadi.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

Kaduvayur Anicut at Vaddiyachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

1 Superintendent, at Rs. 15 ... 15 0 0
1 Lascar, at " 6 ... 6 0 0
1 Do., at " 5 ... 5 0 0
8 Do., at " 4 ... 32 0 0
53 0 0

Open Anicut.

3 Cavalgars, at Rs. 4 ... 12 0 0
1 Lascar, at Rs. 5 ... 5 0 0
1 Do., at " 4 ... 4 0 0
8 0 0

Selloor Anicut.

1 Munigar, at Rs. 6 ... 6 0 0
1 Cotten, at " 4 ... 4 0 0
10 0 0

Ottumboyar Head and Zengur Korambo.

1 Cotten, at Rs. 4 ... 4 0 0
4 0 0

Vettur Dam and Chittur Head at Kungulachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

No. 4 RANGE.

Ottumboyar Anicut at Kulliyadi.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

Kaduvayur Anicut at Vaddiyachari.

1 Cavalgar, at Rs. 4 ... 4 0 0
4 0 0

Tabular Statement of Increase proposed to the Conservancy Establishment, Tanjore District. (Concluded.)

Tabular Statement of Increase proposed to the Conservancy Establishment, Tanjore District. (Concluded.)

19th August 1873

19th August 1873

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STATEMENT Z.

Statement of Establishment required at once for the Vennaur Regulators.
Vettaur Head.

	RS.	A.	P.
1 Lascar, at Rs. 6	6	0	0
4 Lascars, at „ 4	16	0	0
	22	0	0

Pamaniyaur and Corayaur Heads.

	RS.	A.	P.
1 Lascar, at Rs. 6	6	0	0
4 Lascars, at „ 4	16	0	0
	22	0	0

Pandaviyaur and Velliyaur Heads.

	RS.	A.	P.
1 Superintendent, at Rs. 10	10	0	0
1 Lascar, at „ 6	6	0	0
6 Lascars, at „ 4	24	0	0
	40	0	0

Total per mensem... 84 0 0

For eight months... 672 0 0

The Pandaviyaur work is nearly completed and so a Superintendent is required there.
The Overseer or Maistry at the other works will superintend the opening and closing of the shutters at the Vettaur and Pamaniyaur heads.

TANJORE,
24th July 1873.

(Signed)

R. F. OAKES, Major, R.E.,
District Engineer, Tanjore.

No. 491-E.

Note by the Chief Engineer for Irrigation.

No. 311. THE District Engineer applies in the prescribed form for sanction for the Conservancy Establishments needed to work the new regulators at the heads of the principal branches of the Vennaur in Tanjore, works which have been under execution from Loan Funds and which are sufficiently advanced to admit of partial regulation being effected during the current season. Major Oakes at the same time proposes some small changes in the existing Conservancy Establishments with a view to increase their efficiency.

2. The establishments for the new Vennaur regulators are given in detail in the tabular statement A, and subjoined is an abstract:—

	Proposed Scale.	Present Establishments to be absorbed.	Increase.	Required at once.*
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Vettaur head and other works	95 8 0	36 0 0	59 8 0	22 0 0
Corayaur and Pamaniyaur head works	58 0 0		58 0 0	22 0 0
Pandaviyaur and Velliyaur head works	75 0 0		75 0 0	40 0 0
Total...			182 8 0	84 0 0

* Vide Statement Z.

*Proceedings of the Madras Government, Public Works Department,
19th August 1873.*

The other changes proposed by Major Oakes involve an increase of Rupees 36-2-0.

3. The District Engineer's proposals appear to me to be very moderate, both as regards the new works now for the first time to be provided with establishments and also with respect to the changes in existing establishments, and I beg to recommend their sanction.

4. As I do not propose to make any alteration in the arrangements under which what Major Oakes calls the temporary establishments are paid from

Paragraph 6.

estimates, I will refer to this subject only for the purpose of explaining that these establishments are merely labour on monthly pay, and that no good would, I think, result from bringing them on to the Conservancy Establishment Roll. They will work if they are looked after, and their efficiency or otherwise is dependent upon the amount of supervision exercised by the Range Officers and the members of the permanent executive establishment.

5. It will be observed from statement Z that the District Engineer requires sanction at once for a part of the establishment for the regulators, and I would recommend that authority be given to entertain this establishment at a cost of Rupees 84 per mensem in anticipation of the sanction of the Government of India.

6. The total cost, Rupees 808½, of the revised Conservancy Establishment amounts to between ½ and ¼ of a pie per acre of irrigation in the delta.

OOTACAMUND,
7th August 1873.

(Signed)

J. MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 312.

ORDER THEREON, 19th August 1873, No. 2,068.

ESTABLISHMENT, No. 19

ORDERED that the tabular statement of increase proposed to the Conservancy Establishment of the Tanjore District

be forwarded for the sanction of the Government of India, and that, in anticipation of that sanction, the District Engineer, Tanjore, be authorized to entertain that portion of the increased establishment, amounting to Rupees 84 per mensem, immediately needed for the management of the Vennaur regulators.

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,

Joint Secretary to Government.

No. 312A.

(DOCKET No. 2,068A, dated 19th August 1873.)

COPY of the above forwarded for the sanction of the Government of India.

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,

Joint Secretary to Government.

Frd. E. C. Shurker.

Spare Copies.

No 428-

Supy Engr's office 6th Division.

Tanjore 7th September 1872.

From

Major. J. O. Hastad. R.E.

Offy Supy Engineer 6th D.

To,

Colonel. G. W. Walker. R.E.

Secretary to Govt P. W. D.

Sir,

As directed in Memo No 7, dated 1st February 1872, I have the honor to submit, 2 Lists, one of the Conservancy Establishment which I propose for the Tanjore District, and the other of the Navigation Establishment proposed in my letter No 831, dated 17th January 1872 - If the arrangements I propose are approved the new Establishments may be entertained from the 1st Proximo. -

Returned
+ to D. W. 217
w/ 87-5 Oct-72

2 - The re-distribution of the Navigation Establishment has been explained in my letter above referred to & I need only repeat here that it effects a saving of Rs 4 per mensem. -

The

3. The proposed list of Conservancy Establishment has been prepared after much Consideration and Consultation with Range Officers. In the Column headed 'Present Scale' the Permanent Conservancy Establishment at present Employed for which provision is made in the Budget is detailed in black ink and the Temporary Establishment which is paid from Estimates Sanctioned from 'Agricultural Repairs' in red ink. The Cost of the former is Rs 477-14-0 per mensem & of the latter Rs 624-0-0.

4. The present arrangements of the Conservancy Establishment, which have been in force I believe for many years, is for many reasons very unsatisfactory, and it is admitted by all the officers I have consulted that some reform is necessary. The 'Mouzgars' as they are called are paid from 10-12 to 6 per mensem and the 'Cottens' & 'Canalgars' who work under them, with but very few exceptions, Rs 4 per mensem. Their duties are manifold, the regulation of head works, working of Shuttles, recording gauges, protection

19
protection of Government jungles, Charge of Naul plantations, general supervision of river banks &c. and the temptations they are exposed to are consequently very great. A man now looks on a Mouzgar or Cottens place as a provision for life, to be made the most of, and expects that his son will succeed him, he has no promotion to look forward to, so he settles down as near as possible to his work, probably keeps a few cows or goats on the Government jungles & naul plantations and very likely lets the right of grazing thereon to other Villagers, he does as little as he can and if he is stationed at a further distance from the Head Quarters of the Range, than a morning's ride, he is always found at his post by the Range officer, with a little piece of work, such as a few yards of Naul planting to show in evidence of his attention to his duties. Those who are nearer to Head Quarters are left for tuncake & I lately summarily dismissed

2. ~~Morcing~~ ^{part} of several years service
whom the Range Officer found frequently
absent from their work and who would
not attend in spite of repeated warnings.

5 — The Establishment I now propose
consists of 4 grades of Superintendents
on 15, 12, 10, & 8 Rupees a month and
3 grades of Lascars on 6, 5 & 4 Rupees
a month. As vacancies occur men will
be promoted and moved from place to
place and the higher grades of Super-
intendents will be, if deserving, promoted
to Magistries. The temporary Establish-
ment will be entirely done away with
and the Lascars will be as far as
possible placed under Superintendents
who in their turn will be under Over-
seers. The effect of placing all the Super-
intendents and Lascars on the permanent
list will be to make the men more
careful lest they should lose their
appointments, and the chance of promotion
will be an inducement to hard work.

6 — If objection is raised to increasing
the expenditure under the head of Establishment
by

21 3
by putting all the Establishment on a
permanent footing, I would suggest
that a moiety of the cost of the Establish-
ment should be chargeable to Agricul-
tural Repairs, which may properly be
done, as under proper supervision a great
deal of actual work such as annual
planting, repair of gullies in Embank-
ments &c. may be carried out by the
Establishment.

7 — The total cost of the present
Conservancy Establishment as stated
above is Rs. 1101-14-00 per annum.
A further Establishment was proposed
to be entertained on the completion of
the Vaman Regulators & the cost of this
Establishment was estimated by Captain
Oakes at Rs. 206-8-00 per annum.
The total cost would then be Rs. 1308-6-00.
The cost of the Establishment I now pro-
pose is Rs. 1287, and this includes the
men who will be required on the Vaman
Regulators. These works will I hope
be completed next working season & the
Establishment can be very usefully
employed

employ if appointed at once.

As the list of proposed establishments was made out before the 3 & 6 Rangers were amalgamated, I have shown in the detached list the establishment in 6 Rangers. No difference will be made by the amalgamation.

I have the honor to be

Yours most obedt servant

Wm. A. R. Major R.E.

Offg. Sup. Engineer

[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

To Secy 6 am
No 27 of 5 Oct 72

Adm. Mr. 1872 Dept
The offg Secy
6-2-72

To The Secretary to Govt
P. W. D.

Dated 27/9 No 428-
Recd 9 September 72
Enclosures 4.

P. W. 4531/72.

Forward with observations, statements showing the present & proposed scale of housekeeping and navigation establishments in the Tanjore District.

No 309

sent to Secy 4 Sept 72

No 429. District Engineer's Office
Tanjore 24 July 1873

From Major P. F. Cakes, D.E.
District Engineer
Tanjore

3. Enclosures.

1. The General

1. 1/2

1. 1/2

1. 1/2

To Lieut. Col John Mullins, D.E.
Chief Engineer for Irrigation
Tanjore

Sir,
I have the honor to inform you that of the Venkayy Regu-
lators under progress those at the Vettay, Sannaiyur and Sannaiyur heads are so far advanced as to admit of regulation to some extent being undertaken this season, it is necessary therefore that Establish-
ments should be sanctioned for those works and I enclose a tabular statement in
The

the prescribed form
 providing for Establish-
 -ments as per margin.
 The actual increase
 in the Cost of Establish-
 -ments for these works
 will only be Rupees 200-8-
 per mensem as it is
 possible to absorb in
 the new Establishment for the Vettur
 Head Works existing Establishment
 which Cost Rupees 36 per mensem
 as explained in the statement.

2. The Vettur Regulators,
 as you are aware, are Regulators,
 i.e. will divide the water accord-
 -ing to the requirements of the
 lands under the Rivers or
 according to the Capacities of the
 Rivers to discharge flood waters
 only when the shutters are cor-
 -rectly worked and with the
 quantity of water in the Rivers
 constantly varying, it will be
 necessary

Vettur Head Works
 Rupees 36-0-0
 " 38-0-0
 " 5-0-0
 " 8-0-0
 236-8-0
 36-0-0
 200-8-0

27 12
 necessary to have some of the
 shutters frequently moved and
 have a portion of the Establish-
 -ment must remain on the works
 during the night as well as
 during the day and have
 what at first sight may seem
 a large Establishment of labour
 has been provided for the
 Regulation of the works.
 3. The Panniyar and
 Cooyar heads branch from
 the same point of the Vennai
 while the Pundarikur and
 Vellur heads are 2 1/2 miles
 apart, the latter however
 are placed under one Superin-
 -tendent but must have
 separate Establishments of
 labour, for both heads would
 have to be worked at the same
 time and have the same
 the

the cost of the Establish-
ments for the latter over
that for the former heads.

4— In submitting the
Statement of Establishments
required for the new Regulators
it has been deemed desirable
to revise the Permanent Con-
servancy Establishments in
the Tanjore Delta and to in-
crease the salaries generally
of the Monegads who are here
termed Superintendents and
whose salaries were fixed
at a time when the cost of
living was far below what
it now is.

5— The salaries of the
Lascars in sole charge of
special works have been
raised from 4 to 5 Rupees
per mensem and the salaries
of head Lascars at large
works

13
2
28
The salaries of the Lascars
works have also been raised
to 5 Rupees as these men
may be regarded as being
in more responsible positions
than the ordinary Lascars
and an incentive to zeal and
efficiency is induced by having
granted in the salaries of the
Lascars. The great majority of
the Lascars are provided with
only Rupees 4 per mensem which
is really less than what an
able-bodied coolie can earn
if employed throughout the
month exclusive of Sundays
and it may perhaps be
well to take the opportunity
of the revision of the Establish-
ment to raise the salary of
the Lascars to Rs 5 per mensem
this would add Rupees 92 per
mensem to the Cost of the Per-
manent Conservancy Establish-
ment

Establishment for the District
which will then amount to Rs 900-0-0 per
month instead of Rs 800-0-0 as per statement enclosed
against Rupees 509-14-0 as it has
hitherto been inclusive
of the Navigation Establish-
ments for the Munimay
Locks, which, though abolished
so far as navigation is con-
cerned, must be maintained
on the scale provided for
regulation purposes in con-
nection with the sluices
and Dams in the neighbour-
hood of the Locks.

In addition to the
permanent Conservancy
Establishment which is
provided for in the Budget
under the head of Establish-
ment there is a temporary
Establishment

Establishment of Cavaliers
Watchmen for the more im-
portant River plantations
and banks the duty of this
temporary Establishment is
to conserve the banks by the
repair of gullies &c in them
by felling in rear of groynes
&c with brushwood &c when
necessary, by protecting weak
spots on emergency and by
calling attention to dangerous
spots or to the destruction or
injury of any protective works,
by planting sandal in the
dry season &c &c

You will observe from
the correspondence
noted in the margin
that Major Hasted
was desirous of
doing away with this temporary
Establishment and of
providing

possible in the hands
of Executive do not, believe,
agree with those of the
present advisers of Governor
Meade.

9. The full Establishment
meet for the Regulators
will not be required this season
Enclosure 2 shows the Es-
tablishment required from
the 1st August and I hope
that it may be sanctioned
at once the amount required
to the 31st March 1874 will be £672.

Yours most obedient servant
R. J. [Signature]
District Registrar
[Signature]

No. 1182
 From Mr. J. J. B. B. B.
 The District Engineer
 Tanjore

The Chief Engineer
 for Irrigation
 W. P. W.

Dated 24th July 73.
 Recd 28th Aug 73.

No. 429.

Forwards Revised
 statement of the
 Conservancy Establish-
 ments for the Tanjore
 District including
 those ^{required} for the new
 Venmanur Regulators.

P.W. 4531/73.

No 310

No. 491 C. 370. 19
 Note by the Chief Engineer for Irrigation

The District Engineer applies in the
 prescribed form for sanction for the
 Conservancy establishments needed
 to work the new regulators at the
 heads of the principal branches
 of the Venmanur in Tanjore, works
 which have been under execution
 from Loan Funds, and which are
 sufficiently advanced to admit of
 partial regulation being effected
 during the current season. Major
 Daves at the same time proposes
 some small changes in the exist-
 ing Conservancy establishments with
 a view to increase their efficiency.

2. The establishments for the
 new Venmanur regulators are given
 in detail in the tabular state-
 ment A and subjoined is an abstract

* side statement
 Z

Proposed Present Re-
 scale establishments Increase Required
 at once

Vettanur Head & other works	95.8	36...	59.8	22...
Cranganur & Panamanur Head works	58...	...	58...	22...
Pandavayalur & Velliyalur Head works	75...	...	75...	40...
			182.8	84...

The other changes proposed by me
for Daks involve an increase of
Rupees 36-2-0

3. The District Engineer's proposals
appear to me to be very moderate,
both as regards the new works,
now for the first time to be
provided with establishments,
and also with respect to the
changes in existing establish-
ments, and I beg to recom-
mend their sanction.

4. As I do not propose to
make any alteration in the
arrangements under which
what Major Daks calls the para 6.
temporary establishments are
paid from estimates. I will
refer to this subject only for
the purpose of explaining that
these establishments are mere-
ly labour on monthly pay, &
that no good would, I think,
result

39 1/2
result from bringing them on to
the Conservancy establishment roll.
They will work if they are looked
after, and their efficiency or other-
wise is dependent upon the a-
mount of supervision exercised
by the Range officers & the mem-
bers of the permanent Execu-
tive establishment.

5. It will be observed from state-
ment Z that the District En-
gineer requires sanction at once
for a part of the establish-
ment for the regulators, and
I would recommend that au-
thority be given to entertain
this establishment at a cost of
Rupees 84 per mensem, in antici-
pation of the sanction of the Go-
vernment of India.

6. The total cost, Rupees 808 1/2, of
the revised Conservancy establish-
ment amounts to between 1/4 & 1/5
of a pie per acre of the Irrigation
in the Delta.

Voluntarily
Potlacamund
7th August 1873
Chief Engineer for Irrigation
To The Secretary to Govt P.W.D.

Abstract of Conservancy Establishment at
present employed and that proposed.

Superintending Engineer's Office 6th Division
 June - 7 $\frac{1}{2}$ September 1872
 J. H. Acton Major A. B.
 offg Superintending Engineer 6th Div

2068-2069-19 July 1973

43
to the garden
of the house

45-
at at

104 P.B.
Ludwig
1876

Enclosure in a letter
No 428, dated 27th Sept.
London 1872 - from
the off^r and in favor
of the to the Secretary
to Frank P. W. D.

P. W. D. 1872

Abstract of Con-
demning Statute.
must at present be.
Alleged & that proposed.
P. W. D. 1872.

1770 N. 4402

Vide R.N. 1182224 July 33
for E. & Langins.

No 217

The City Engineer
6th Dec

Dated 5.3 October 72
Sept 6

Enclosure

Observations on
the statements showing
the present & proposed
Scale of Conservancy
and navigation
setts in the Taint
off

P.W. 4531/72.

insert at present in
along 2 & that proposed.
P.W. 4531/72.

6th Division
Muzore District

45-

Abstract of Navigation Establishment at
present employed and that proposed.

Range	now employed cost	proposed cost	Saving	Excess
No 2 Range	112	108	4	
Superintending Engineer Office 6 th Dec Tayore 7 th September 1872				
John Astle Major R.B. off Superintending Engineer				

Tabular Statement of increase proposed to the ^{6th Division} Navigation Establishment. Tanjore District- 49

Branch from House Rep't of Govt. of India	Number	Rate	Office to which the proposition refers	Nature of charge		Proposition		Grounds of Proposition	Local Govern- ments re- commen- dation.	Orders of the Government of India		
				Present Scale	Proposed Scale	Permanent	Decrease per month			P.W.D	Financial Dept.	Orders
				<u>No. II Range</u>								
				<u>Perumal Coril Lock & Sluice</u>								
				1 Monegar @ Rs 17-8-0	17 8	1 Superintendent @ Rs 15	15 "					
				1 Cottar @ Rs 4-8-0	4 8	1 Lascar @ Rs 5	5 "					
				3 D's @ Rs 4-0-0	12 "	3 D's @ Rs 4	12 "					
					34 "		32 "					
				<u>Munnayam Upper and Lower Lock</u>								
				1 Monegar @ Rs 14	14 "	1 Superintendent @ Rs 8	8 "					
				6 Cottars @ Rs 4	24 "	3 Lascars @ Rs 4	12 "					
							20 "					
							8 "					
							12 "					
							20 "					
					38 "		40 "	2				
				<u>Tirupandal and Thattuvauchari Locks</u>								
				1 Monegar @ Rs 15-0-0	15 "	1 Superintendent @ Rs 10	10 "					
				2 Cottars @ Rs 4-8-0	9 "	2 Lascars @ Rs 5	10 "					
				4 D's @ Rs 4-0-0	16 "	4 D's @ Rs 4	16 "					
					40 "		36 "					
				<u>Total</u>	112 "	<u>Total</u>	108 "	2				

Superintending Engineer's Office 6th Div
Tanjore — 7th September 1872

Placed Major R.B.
Offg Superintending Engineer
6th Division

Statement of Establishment required at once
for the Thamiraparani Regulators

Thamir Head

	Rs	as	ps
1 Lascar at 6	6	0	0
4 D ^{rs} at 4	16	0	0
	22	0	0

Pandavayam and
Orayam Heads

1 Lascar at 6	6	0	0
4 D ^{rs} at 4	16	0	0
	22	0	0

Pandavayam and
Vellayam Heads

1 Superintendent at 10	10	0	0
1 Lascar at 6	6	0	0
6 D ^{rs} at 4	24	0	0
	40	0	0

Total per annum 84

for 8 months 67

The Pandavayam work is nearly completed
and

Enclosed is a letter
dated 7th July
from the
Offg Dy Supt
to the Secretary to
Government D.M.D.

G.M. 4402/72.

M. S. S. S.

B.

Tabular Statement
of increase proposed
to the Navigation
Establishment. Supt
District.

P.M. 453/72.

and for a Superintendent is required there.
 The Overseer or Master, at the
 works will Superintend the opening
 and closing of the Shuttles at the Vittour
 and Panamigane Heads.

[Signature]
 District Engineer
 District Engineer
 Janyre 24 July 1873

[Signature]
 District Engineer

[Signature]
 District Engineer

[Signature]
 Janyre 24 July 1873

Statement of
 Cash Disbursements
 required from August
 1873 to 31st March 1873
 for the Vittour
 Regulars.

M. 19 Cash 17354.
 P. N. 453173.

No 1 Range

Upper Annicut

Upper Annicut

1. Monegarat Rs 10-12-11	10	12	1. Superintendent @ Rs 15	15
1. Red Cotten @ 6-11-11	6	"	2. Lascars @ 6-11-11	12
12 Cotten @ 4-11-11	48	"	2. D ^o @ 5-11-11	10
			8 D ^o @ 4-11-11	32
				<u>64</u>
				12

Superintend

64 12

Superintend

72 12

69

3 12

Vannaur Head

Grand Annicut. Vnu

1. Monegar @ Rs 10-2-11	10	2. Vannaur Head. Coriladi
11. Cotten @ 4-11-11	44	Calingulah & bank.

54

1. Superintendent @ Rs 12	12
Grand Annicut. 1. Lascar @ Rs 5-11-11	5
3. Lascars @ 4-11-11	12
Vannaur Head @ 6-11-11	6
1. D ^o @ 5-11-11	5
3. D ^o @ 4-11-11	12
Coriladi 1. D ^o @ 5-11-11	5
Calingulah 1. D ^o @ 4-11-11	4

58 2

69

10 14

Codamurooty Head

Codamurooty Head

1. Monegar @ Rs 10-11	10	1. Superintendent @ Rs 8-11	8
4 Cotten @ Rs 5-11	20	4 Lascars @ 5-11-11	20
3. Lascars @ 4-11-11	12	3. D ^o @ 4-11-11	12
			<u>33</u>
			8

33

10 14 8 12

P. M. 4531/73

Puni Anai-

168 14

1. Monegar @ Rob - - - 6 "
5. Collins @ Rob - - - 20 "

5. Cottons @ Rs 4-0-0 20 "

26.

Kuchanungalm

1. Monogamy @ Rob-u-u 6 u

5 Cottons @ Rs 4-0-0 20 "

26.

52

Vaduvagudi

1. Monaghan Rob. 6.

4. Col Hens @ R 4-11-16.

22

Vaduvagudi

1. Superintendent @ Rs 8

2 Lascars @ Rs. 5 10

3 9: @ Ro4 12

30.

Alamatserran

3 Cottages @ Rs 4 12

Thunperambore 12

1 Monogav at Rs 6. 6 .

3. *Cottus* @ R4 12.

Trunkos Camery 18

1 Moneygar @ Robt 6.

3. Cottus (Rott.) 12

18

48 - "

298-114

Vettur Head New Regn.

Rating Works. Annual

kurang. Temperatur

Kumbhoos Cannery

1 Superintendent at B. 12
1 Laborer 12

1 Lascar — @ Rob 6
2 G. — @ Rob 6

2. Q. _____ @ Rs 6 6
 2. Q. _____ @ Rs 5 10

8190
@R04 32

60

310

10 1/4 8 12

5-17

12 " "

Vannai puttoor 298 14 Vannai puttoor 310
 and
 1 Monegar @ Rs 6 = 6 Polimpallum Annai

3 Cottens @ Rs 4 = 12
Polimpallum 18 1 Superintendent @ Rs 10 = 10
 1 Lascar @ Rs 6 = 6
 1 Cottew @ Rs 4 = 4 2 G. @ Rs 5 = 10
 6 G. @ Rs 4 = 24
4

Supervisory
Pranava Jangal
Pranava Jangal 50

Pranava
Pranava 10

Pranava
Pranava 10

70

50

Total Permanent 292 14
 76

Grand Total 368 14 Grand Total 360

22 4 11 12

20

22 14 31 12

No 2 Range

Munni Head

1 Monegar @ Rs 6-00 6 .
2 Cottens @ Rs 4-00 8 .
14 .

Survey

Munni Head
2 Cottens @ Rs 4-00 8 .
8 .

Acchits

2 Cottens @ Rs 4-00 8 .
38 .

Munni Head

1 Superintendent @ Rs 8 8 .
1 Lascar @ Rs 5 5 .
4 Rs @ Rs 4 16 .

29 .

Meratoor Annicut

1 Monegar @ Rs 6 6 .
2 Cottens @ Rs 4 8 .
14 .

Meratoor Annicut

1 Superintendent @ Rs 8 8 .
1 Lascar @ Rs 5 5 .
2 Rs @ Rs 4 8 .
21 .

Cannery and Vera-
Sholav Dam

1 Monegar @ Rs 7 7 .
Survey
Sholav Dam
2 Cottens @ Rs 4 8 .
15 .
67 .

Cannery and Verasholav
Dam

1 Superintendent @ Rs 8 8 .
3 Lascars @ Rs 4 12 .
20 .
70 .

5
12 . 9 .

Lower Annicut 67"
 1 Monegar @ Rs 10 10
 10 Cottars @ Rs 4 40
 50
 2 Lacars @ Rs 5 10
 6 D. @ Rs 4 24
 70
 61

Perennial Civil Lock
 and Sluice
 Conservancy
 Nil

Perennial Civil Lock
 and Sluice in the Muzumbar
 Conservancy

(To be placed under the
 Navigation Establish-
 ment - vide List B)
 1 Lacar @ Rs 5 5
 5 D. @ Rs 4 20
 25

Cauvery & Arasala Dam.
 1 Superintendent @ Rs 8 8
 1 Cottar @ Rs 5 5
 13

Cauvery & Arasala Dam
 Dam - Cauvery Banks
 28 Miles. Arasala
 Banks 20 Miles
 Nil

50
 18
 11
 11
 11

(These works are to be
 placed under the charge
 of Perennial Civil Lock
 Establishment)

49
 186

156
 37
 49
 67

Mumyaur
Upper Lock
Conservancy
Nil

186 "

" "

Lower Lock
Conservancy
Nil

" "

Trupandal and
Thattuvanchari Locks
Conservancy
Nil

" "

Palavur
Palavur Branch
25 Miles

1. Superintendent at Rs 8

4 "

190 "

Mumyaur
Upper Lock
Conservancy
(To be placed under navigation Estab.)
2. Lascars @ Rs 4 8

8 "

Lower Lock
Conservancy
(To be placed under navigation Estab.)
2. Lascars @ Rs 4 8

8 "

Trupandal and
Thattuvanchari Locks
Conservancy
(To be placed under navigation Estab.)
3 Lascars @ Rs 4 12

12 "

Palavur East
Cannery 6 Miles
Verashobu 6 Miles
1. Superintendent at Rs 8 8
4. Lascars @ Rs 4 16

24 "

208 "

156 37 69

8 "

8 "

12 "

20 "

85 "

67 "

67

190.

Surfacing
South of Vithal
Bank 10 miles
 2 Cavalry (Rd) 10
 100000
 100000
 100000

12.

Arasalam
Nautam Vithal
Karthimaram

1. Superintendent @ Rs 10 10
 6 Lascars @ Rs 4 24

208 85 67

34 22

Terumalarajanam
Muriconkaram
Codamurooty

1 Superintendent @ Rs 12 12
 8 Lascars @ Rs 4 32

32.

44 12

Shullamur and
Vettam Bank

1 Superintendent @ Rs 8 8
 5 Lascars @ Rs 4 20

20.

254.

28

3/4 127

69

67

Temporary 254.
Permanent 314.
Superintendent 12.
1 Lascar 6.
1 D. 5.
6 D. 24.
12

127.
 67.
 35.
 49.
 162.
 67.

Total Permanent 98.
 " Temporary 162.
 Grand Total 266.

Grand Total 361.
 162.
 67.

No. 3 Range
Copper Amicant

2. Cavalgare @ Rs 4 8.
8

Copper Amicant
 1. Lascar @ Rs 5 5.
 1. D. @ Rs 4 4.
9

1.
 1.
 1.

Amkany
Colerow Bank be-
tween Larimodoo
Kos and Devicottai
Sivichai
Larimodoo Kos 24 "

8 "

Colerow Bank between
Larimodoo Kos Agur-
dukt and Devicottai

1 Superintendent @ Rs 12 12 "
1 Lascar @ Rs 6 6 "
1 D^o @ Rs 5 5 "
4 D^o @ Rs 4 16 "

24 "

39 "

15 " " "

Amkany
Cannery Bank
Larimodoo Kos 8 "

8 "

Cannery Bank

1 Lascar @ Rs 5 5 "
2 D^o @ Rs 4 8 "

13 "

5 " " "

Amkany
Verramauur Bank
Larimodoo Kos 4 "

4 "

Verramauur Bank

1 Lascar @ Rs 4 4 "

4 "

" " " "

Amkany
Iyaoyanauur Bank
Larimodoo Kos 4 "

4 "

Iyaoyanauur Bank

1 Lascar @ Rs 4 4 "

4 "

" " " "

48 "

69 "

21 " " "

48 "

69 "

21 "

78-

Theruvanthoray
Veeracholan Bank
from Theruvanthoray
to Trangurbar

Veeracholan Bank
from Theruvanthoray
to Trangurbar
1 Lascar @ Rs 5 .
3 " @ Rs 4 12 .

16 "

17 "

Vadyan Bank
1 Lascar @ Rs 5 .

Vadyan Bank
1 Lascar @ Rs 5 .

4 "

5 "

Umbanaur Bank
1 Lascar @ Rs 4 .

Umbanaur Bank
1 Lascar @ Rs 4 .

4 "

4 "

Coopiduranur Bank
1 Lascar @ Rs 4 .

Coopiduranur Bank
1 Lascar @ Rs 4 .

4 "

4 "

76 "

99 "

23 "

76.

99.

25.

77

Manjari
Manjari Vithal Bank
1 Lascar @ Rs 4 4.

Manjari Vithal Bank
1 Lascar @ Rs 4 4.

4 "

4 "

Manjari
Manjari Vithal Bank
1 Lascar @ Rs 5 5.

Manjari Vithal Bank
1 Lascar @ Rs 5 5.
3 D^o @ Rs 4 12.

16 "

17 "

Total Permanent 8

Grand Total 96

Grand Total 120

24

N^o 4 Range
Oodumboghyaun Aui
Cut at Kulligoody.
1 Cavalgar @ Rs 4 4.
1 Cavalgar @ Rs 4 4.
1 Cavalgar @ Rs 4 4.
8 "

Oodumboghyaun Aui
Cut at Kulligoody.
1 Lascar @ Rs 6 6.
1 D^o @ Rs 4 4.
10 "

2

39

45

Hurichundranaddy

1 Cavalgar @ Rs 4

Hurichundranaddy

1 Superintendent @ Rs 8

2 Lascars @ Rs 5 10

1 D^o @ Rs 4 4

19

22

Vanda Aricut

1 Cavalgar @ Rs 4 4

Vanda Aricut

1 Lascar @ Rs 5 5

4

5

Davadaurum Ca.-lingulak-

1 Cavalgar @ Rs 4 4

Davadaurum falingulak

1 Lascar @ Rs 5 5

4

5

Korayau-lingulak-

1 Cavalgar @ Rs 4 4

Korayau

1 Lascar @ Rs 6 6

2 D^o @ Rs 4 8

15

14

81

91

81

Temporary
Marakharaur
1 Lascar @ Rs 4

81 "

Marakharaur
1 Lascar @ Rs 4

91 "

4 "

4 "

Temporary
Shallavaur
1 Lascar @ Rs 4

Shallavaur
1 Lascar @ Rs 4

4 "

4 "

Temporary
Vettav Banka
1 Lascar @ Rs 5
4 Dr. @ Rs 4

Vettav Banka
1 Lascar @ Rs 5
4 Dr. @ Rs 4

20 "

21 "

Temporary
Pandavayaur
2 Lascars @ Rs 4

Pandavayaur
2 Lascars @ Rs 4

8 "

8 "

Total Permanent 35 "

Grand Total 117 "

Grand Total 128 "

83

[Faint handwritten notes and calculations on the right page]

No 5 Range

Mullian Head

1 Monegar @ Rs 6

5 Cottars @ Rs 4

20

26

Mullicin Head

1 Superintendent @ Rs 8

1 Lascar @ Rs 5

4 G^o @ Rs 4

8

5

16

29

3 " " "

Annamarasan Head

1 Superintendent @ Rs 8

1 Lascar @ Rs 5

3 Lascars @ Rs 4

8

5

12

23

To be still paid by herasider

25

2

On General Duty

1 Superintendent @ Rs 10

10

10

10

Pamanyan

1 Lascar @ Rs 5

5 G^o @ Rs 4

5

20

24

25

1

6

Thurman
Thurman
Thurman

Thurman
 1 Lascar @ Rs 5 5
 5 D^o @ Rs 4 20

24

25

Thurman
Thurman
Thurman

Thurman
 1 Lascar @ Rs 5 5
 3 D^o @ Rs 4 12

16

17

Thurman
Thurman
Thurman

Thurman
 1 Lascar @ Rs 4 4

4

4

Thurman
Thurman
Thurman

Thurman
 1 Lascar @ Rs 5 5
 1 D^o @ Rs 4 4

8

9

135

144

135 "

144 " 9 "

Amboyna
Pellayau

Vallayau

1 Lascar @ Rs 5 .

2 D. @ Rs 4 8 .

12 "

13 "

Amboyna
Pellayau

Pandawayau

1 Lascar @ Rs 4 4 "

4 "

4 "

Amboyna
Pellayau

Vadoodoorau

1 Lascar @ Rs 6 6 "

4 "

6 "

Total Permanent 26 "

Grand Total 155 "

DD paid by Merasidars 23 "

132 "

Grand Total 167 "

DD paid by Merasidars 25 "

142 "

3
No 6 Range

Selloor Amnicent

1 Mougar @ Rs 6

1 Cotton @ Rs 4

10 "

Selloor Amnicent

1 Laccar @ Rs 6

1 G^o @ Rs 4

10 "

Vellayam Head and

Trugur Korambri

1 Cotton @ Rs 4

4 "

Vellayam Head and

Trugur Korambri

1 Laccar @ Rs 5

5 "

Vettam Dam and

Chittam Head at

Mungalamchary

1 Cabulgar @ Rs 4

20 "

Vettam Dam and

Chittam Head at

Mungalamchary

1 Superintendent @ Rs 8

1 Laccar @ Rs 5

2 G^o @ Rs 8

21 "

34 "

36 "

95

70

125

52 " "

Shubert
The Librarian
St. John

Indicoudanaur
23 Miles

1 Lascar _____ @ No 5 5 "

29th Oct 8.

12.

13

February

Terumalarajumar
20 miles

1 Lascar @ Rs. 5 5

1 Do @ Rs 4 4 "

8 "

9

11

Sunday

Arasalar 22 miles

1 Lacar @ Rs 5 50

2-9² @ Rs 4 8 "

164

13.

11-3

Engelmann
Springer
Harvard

Noolaur 8 miles

1 Lascar @ Rb5_ 5

4

5

110

162

3

110 "		162 "	57 . 3 "
Vanjeaur 10 miles			
1 Lascar @ Rs 5	5 .	1 .	" "

	Kerthimmanaur 6 miles		
1 Lascar @ Rs 4	4 .		" "

	Nundalaur 11 miles		
1 Lascar @ Rs 5	5 .	1 .	" "

Total Permanent 18 "			
Grand Total. 122 .	Grand Total. 176 .	57 . 3 "	

Permanent 477 14			
Temporary 627 4			
Grand total for the Dist 1101 14	Grand total for the Dist 1287 .	287 14 102 12	
		102 12	

Net increase 185 . 2 .

Superintending Engineer's
Office
Tanjore 7th September 1872

For attested Major A.B.
Offg Superintending
Engineer

En 3/1182/73
Enclosure in a letter
No. 428, dated 7th Sep.
tember 72, from the
Offg Supg Engineers
B.D., to the Secretary
to Govt P.W.D.

P.W. 4402/77.
Sent *per*

Ph. 19 ^{A.} Aug/73 Bk. 311.

Tabular Statement of
increase proposed to the
Conservancy Establish-
ment Tanjore District.
P.W. 4531/73.

Ch...

No 1 Range

Upper Ancient

1 Monegar at Rs 10.12	10 12	1 Suptt at Rs 15	15 .
1 R. Cotten at Rs 6	6 .	2 Lascars at Rs 6	12 .
12 Cotten at Rs 4	48 .	2 D. at Rs 5	10 .
		8 D. at Rs 4	32 .

64 12

69 . 4 4 .

Thunaur Head

1 Monegar at Rs 10.2	10 2	1 Suptt at Rs 12	12 .
11 Cotten at Rs 4	44 .	1 Lascars at Rs 6	6 .
		1 D. at Rs 5	5 .
		3 D. at Rs 4	12 .
		1 D. at Rs 6	6 .
		3 D. at Rs 4	12 .
		1 D. at Rs 5	5 .
		1 D. at Rs 4	4 .

54 2

62 . 7 14 .

Carried over 118 14

131 . 12 2 .

The salary of Rs 15 will not go so far as Rs 10.12. would have gone when the appointment was originally made. The duties of opening and closing the sluices are very responsible duties for by a change in the set of the River i.e. of the deep stream the order of opening and closing the Vents may have to be altered to prevent a scour along the face or in rear of the work. I would like to give the Monegar Rs 20 and the Lascars Rs 5 each 12 lascars in all will be sufficient.

One Superintendent has charge of all these works which are within a Range of 4 miles and action has often to be taken at all relative to opening or closing sluices at the same time and a head lascar to act in the absence of the Superintendent is desirable. No judgement is required relative to the opening and closing of the Vents. This is done under Standing Orders.

Codamoorthy HeadCodamoorthy Head
Alamailpuram
Anai

1 Monegar at Rs 10 10 "
4 Cottens at Rs 5 20 "
30 "

Alamailpuram
Anai

1 Puftt at Rs 10 10 "
4 Lascars at Rs 5 20 "
3 D^r at Rs 4 12 "

3 Cottens at Rs 4 12 "
42 "

42 "

Pouri AnaiPouri and
Kutchamunga
new Anais.

1 Monegar at Rs 6 6 "
5 Cottens at Rs 4 20 "
26 "

Kutchamunga
new

1 Puftt at Rs 10 10 "
1 Lascar at Rs 6 6 "
1 D^r at Rs 5 5 "
7 D^r at Rs 4 28 "

1 Monegar at Rs 6 6 "
5 Cottens at Rs 4 20 "
26 "
52 "

49 "

VaduvagudiVaduvagudi

1 Monegar at Rs 6 6 "
4 Cottens at Rs 4 16 "
22 "

1 Puftt at Rs 8 8 "
1 Lascar at Rs 5 5 "
3 D^r at Rs 4 12 "

25 "

Carried Over 234 14

247 15 2 3

Sanctioned in G.O. No. 1276
of 18 May 1870.

Pouri Anai Consists of jungle
along the Cauvery River
South bank and is 2 miles
from the Kutchamungabum
Ancient both may be placed
under one Superintendent
and a head lascar appointed
for each to act or be
responsible in the absence
of the Superintendent.

169

3698 79 10

These are 6 miles apart
and may be placed under
one Superintendent.

Brought forward 227 14

4218 96 10 3

Lower Ancient

1 Monegar at 10 10
10 Cotten at 4 40

Lower Ancient

1 Puplt at 15 15
1 Lacar at 6 6
1 D. at 5 5
6 D. at 4 24

50

50

Perumalevil
Lock and Shive

1 Monegar at 17 8
1 Cotten at 4 8
3 D. at 4 12

Perumalevil
Shive and
Arasalam

1 Puplt at 12 12
2 Lacar at 5 10
3 D. at 4 12

Canney and
Arasalam

1 Puplt at 8 8
1 Cotten at 5 5
13

47

34

Carried Over 424 14

5058 96 10 16

See remarks relative to
Upper Ancient.
Lacars may be reduced
to 8 they do not now have
charge of the North Rajah
Voikab.

The Lock is enclosed under
G.O. No. 103 dated 20th May 1873
but at the Lock are the
Perumalevil under Shive
by which the Munnipare
is in a great measure
supplied. The Arasalam head
is only about a mile from the
Shive and one Superintendent
may look after both.

Brought forward 424 14

505 8 96 10 16

Munnigaur
Upper and
Lower Locks
and Dams
and Sluices

Munnigaur
Dams and
Sluices at
Upper and
Lower Locks

1 Monegar at Rs 14 14
6 Cokers at Rs 4 24
2 Lacars at Rs 12 24
4 D^o at Rs 16 64

38

38

Teryprudal and
Thakuvanchari
Locks

Teryprudal and
Thakuvanchari
Locks

1 Monegar at Rs 15 15
2 Cokers at Rs 4-8 9
4 D^o at Rs 4 16
1 Sup^o at Rs 8 8
1 Lacar at Rs 5 5

40

13

Corayaur and
Pamanigaur
Head works

1 Sup^o at Rs 15 15
1 Lacar at Rs 6 6
1 D^o at Rs 5 5
8 D^o at Rs 4 32

58

58

Carried over 502 14

614 8 154 10 43

Locks ordered to be closed
under G.O. No 103 dated 20th
May 1873 the Establishment
must be kept up to open
Sluice and Dam shutters
Locks are 4 miles apart
by bank.

Locks ordered to be closed
the channel between Locks
receives drainage and lower
Lock gates cannot be closed.

New Regulators with 27
Units provided with shutters.
See remarks relative to
Establishment for
V. Haur Regulator.

Brought forward 502 14

614 8 154 10 43

No 3 Range

Copen Ancient

Copen Ancient

2 Cowalgare at 4 8

1 Lascar at 5 5

1 D. at 4 4

8

9

Sellore Ancient

Sellore Ancient

1 Monague at 6 6

1 Lascar at 6 6

1 Cokew at 4 4

1 D. at 4 4

10

10

Odumbogye
Head and Jugum
Korambos

Odumbogye
Head and Jugum
Korambos

1 Cokew at 4 4

1 Lascar at 5 5

4

5

Carried Over 524 14

638 8 156 10 43

Brought forward 524 14

638 8 156 10 43

Vikar Dam
and Chikar
Head at
Kungalauchari

Vikar Dam
and Chikar
Head at
Kungalauchari

1. Cavalgarat Rs 4 4

1. Kupat Rs 8 8

1. Lascarat Rs 5 5

2. D^o at Rs 4 8

4 "

21 " 17 "

No 4 Range

Odumhogyar
Agent at
Kulligudi

Odumhogyar
Agent at
Kulligudi

1. Cavalgarat Rs 4 4

1. Lascarat Rs 5 5

4 "

5 " 1 " "

Carried over 532 14

664 8 174 10 43

A Superintendent is much
required here the single Cat-
"valgar is obliged to get the
assistance of the neighbouring
villagers to enable him to
open and close the sluice
etc.

Brought forward 532 14

684 8 174 10 43

Kaduvigaur
Ancient at
Vadugachari

Kaduvigaur
Ancient at
Vadugachari

1 Cavalgar at 4Rs 4

1 Lascar at 5Rs 5

4

5

Kurichundra
- Buddi

Kurichundra
- Buddi and
Mulliyaur

1 Cavalgar at 4Rs 4

4

1 Puft at 10Rs 10

1 Lascar at 5Rs 5

4 - D^o - at 4Rs 16

Mulliyaur

1 Monegar at 6Rs 6

5 Cavalgars at 4Rs 20

26

30

31

Adapaur

Adapaur

1 Monegar at 6Rs 6

1 Lascar at 6Rs 6

1 Cavalgar at 4Rs 4

1 - D^o - at 4Rs 4

10

10

Carried over 546 14

710 8 176 10 43

Kurichundra Buddi and
Mulliyaur heads are close
together and may be placed
under one Superintendent.
When Regulators are Com-
pleted only 176 Vailies will
be supplied by Kurri-
chundra Buddi.

Brought forward 576 14

710 8 176 10 43

(11)
123

Vandelaicut

Vandelaicut

1 Cavalgar at Rs 4

1 Lascar at Rs 5 " " "

Pullavanam

Pullavanam

1 Monegar at Rs 5

1 Lascar at Rs 5 " " "

Davadamu
Calingulah

Davadamu
Calingulah

1 Cavalgar at Rs 4

1 Lascar at Rs 5 " " "

No 5 Range

Pandaniyau
and Velliyau
Heads.

1 Supt at Rs 15

2 Lascars at Rs 12

12 - D^o at Rs 48

75 " 75 " " "

Carried over 589 14

800 8 253 10 43

New Regulators about 2 1/2 miles apart 16 and 14 Vents respectively provided with Shulkers. See remarks relative to the Establishment for the Vellam Regulator.

125

Brought forward 589 14

800 8 253 10 43

Atthiveerarama-
-haur Head.

1/ Superintend.

- put at Rs 8 " 8 " " "

589 14

808 8 261 10 43

43 "

Net increase

2/8 10

This is an open work which is to be altered to admit of Kurichendramuddi being supplied from Trunavir instead of Corayapur. To read gauge and record water levels.

District Engineer's Office
Tanjore 24th July 73

W. A. K. Mappin
District Engineer

Co 2/1182/73.

Enclosure in a letter
from the District Engineer
Tanjore, to the Chief
Engineers for Irrigation
No 429 dated 24th July 73.

A

[Signature]

Chief

1865

Please have the
Yerel in No.
from Madras and
it kept separate

189
Ordered that the tabular statement
of income proposed to the Conservancy S.D. of
the Tanjore District be forwarded with the
Sanction of the Gov. of India, and that
in anticipation of that sanction the Dy.
Tanjore be authorized to maintain that
portion of the increased ^{S.D.} amounting to Rs. 5000
84 per annum, immediately needed for
the management of the Umanur Ryotwari

[Signature] by 7/8/73

131

Proceedings of the Madras Government
Read the following papers

From the Offr. S. Engr to S. Engr

" the S. Engr. Sanjoo
Note by Chief Engr. for S. Engr.

(S. Engr. No. 428 27/7 Sept 73

S. Engr. No. 429 27/24 July 1873

S. Engr. No. 491 23/7 Aug 73

Ordered that
the tabular state-
ment, of increase
proposed to the Con-
servancy establish-
ment of the Sanjoo
District, be forwarded
for the sanction of
of the Government
of India, and that,
in anticipation of
that sanction, the
District Engineer
Sanjoo be authorized
to entertain that
portion of the increased
establishment, amount-
ing

pay to Rupees 84
per mensem, im-
mediately needed
for the manage-
ment of the Tennam
Regulators.

by 5/8/73

Encl

N. No. 20652/

Copy of the
above forwarded for
the sanction of the
Govt. of India.

sub 10/9/73

45

N^o 309-312A.

Q. 15-8-73

To The Dist Engr. Tanjore
- Contd. the 11th W. P. C.
- Chefrang for M^{rs}

Recd. dated to the Dist Engr
18/8/73
S. S. S. S. 12/9/73

CW^o 4531

Govt. of 1873 Madras.
PUBLIC WORKS.

To the District Commr
Tanjore
and
To the Secretary to the
Govt of India

Dated

Recd.

Encl. 9

0 0 19 Aug 73, No. 2068

No. 309 @ 31/12/12

Forwarding for
sanction a Tabular
statement of increase
proposed to the
Conservancy Establish-
ment of the Tanjore
District.

Conservancy Establishment
the Vennar regulators &c
Tanjore Dist.

Tabular Statement of in-
crease to the Conservancy Estab-
lishment of the Tanjore District
to be forwarded for the
consideration of the Govt of India, and
the Conservancy Estab-
lishment of that District
for measure needed for
management of the Vennar Regulators
&c.