(1) பக்கங்களின் எண்ணிக்கை 52

(2) புதுக்கித் திருப்பிய நாள் 10/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

57

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பபப துறை

அரசாணை எண். மு. கோப்புத் தாள் எண். 1328	அச்சகம் பலவகை
நாள் : 18 5 1989	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

26 Sheets

Shut no 7 Shelves

எண: எஸ்-1—18,008—15-6-87.

1328/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers:—

From J. E. PAUL, Esq., Executive Engineer in charge, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 18th March 1889, No. 611 V.Z.

I have the honor to submit herewith a proposition statement for the temporary establishment required in the Vizagapatam division for 1889-90, and to request you will be good enough to obtain the sanction of Government to the same.

Office note from the Examiner, Public Works Accounts, dated 25th April 1889, No. 535.

ORDER—dated 18th May 1889, No. 1328 W., Public Works.

The temporary establishment required in the Vizagapatam division during 1889-90 as detailed in the statement submitted by the Superintending Engineer is sanctioned.

2. This sanction has been registered as Provincial No. 7 W. of 1889-90 and classified as Establishment, Temporary.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts

Exd. J. Henricus.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated May, 18*th*.

Recd. *Encl.*

G.O., 18th May 1889, No. 1328 W.

MAY.

Temporary Establishment

The — required in the Vizagapatam division during 1889-90, sanctioned.

Appendix to G.O., No. 1328 W., dated 18th May 1889.

PROPOSITION statement for revision of the Temporary Establishment of the Vizagapatam Division.

I CIRCLE.

Order sanctioning the present Establishment (Government of Madras, P.W.D.)		Office to which the proposition refers.	Present scale.					Proposed scale.					Nature of change.	Proposition.							
					Pay.					Pay.				Permanent.			Temporary.				
No.	Date.		Number.	Designation.	Minimum.	Increment.	Maximum.	Number.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	Increase per month.	Decrease per month.		Increase per month.		Decrease per month.		
														Amount.	Amount.	Period.	Amount.	Period.	Amount.	Period.	Amount.
					Rs.	Rs.	Rs.			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.		
Vide statement submitted with this office No. 607 V.I. of 15th March 1889.	1835 W. 20th June 1888.	Vizagapatam Division.	1	Watcher to look after the General Stores at Vizagapatam.	4	..	4	1	Watcher to look after the General Stores at Vizagapatam from 1st March 1889 to 28th February 1890 = 12 months ..	4	..	4	4	..	..		12	48	..		
				Irrigation Establishment. *Temporary.*					Irrigation Establishment. *Temporary.*												
			10	Irrigation lascars each at Rs. 4-8-0.	45	..	45	10	Irrigation lascars each at Rs. 4-8-0.	45	..	45	45	..	..		*7	315	..		

* Required for 7 months from 1st July 1889 to end of January 1890.

(Signed) J. E. PAUL,
Executive Engineer, in charge I Circle.

DOWLAISHWERAM,
18th March 1889.

1328
2

19

19

1328
3

Proceedings of the Madras Government, Public Works Department,
18th July 1874.

Read the following papers:—

No. 343. Endorsement of the Chief Engineer for Irrigation, dated Fort St. George, 18th December 1873, No. 901.

From Major J. BEATTY, R.E., District Engineer of Vizagapatam, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Waltair, 10th December 1873, No. 1,713.

I HAVE the honor to forward, herewith, the revised scale of Conservancy Establishment for the Irrigation works on the Sarada and Varaha Rivers in the Golugonda Range of this district, called for in your Memorandum No. 716 A of 8th October 1873.

1 Copy of Assistant Engineer's letter, No. 1,001.
2 Statements.

2. The list of establishment now proposed shows the particulars of the works to be supervised, and the acreage and revenue under them, and is accompanied by a report from the Assistant Engineer in charge of the Range, and by the tabular statement required by the Government of India.

3. The preparation of the list has been delayed by the severe illness of the Range Officer, and by the want of any large scale maps of the district. These maps are specially requisite in the Golugonda Range, in which alone we have Government irrigation. I applied for the maps some months ago when the grouping of irrigation works was called for, and learnt that they were not in print. Our only maps at present are those of the Trigonometrical Survey on the scale of 4 inches to a mile, which is too small to be of much practical value in the case of irrigation works.

4. The strength of Conservancy Establishment at present maintained was proposed for sanction some months ago under a misapprehension of the intentions of Government, and the extent of the duties that should be required from them. Under the definition of these duties, laid down in your Memorandum under reply, it is clearly seen that the one gumashta and seven lascars now maintained are utterly insufficient, and after giving the matter every consideration, I have had the accompanying list prepared, which, I believe, should be adequate to the purpose, and not greater than is indispensable for the efficient discharge of the specified duties.

5. The only further explanation that appears to be necessary from me is that the distance between the upper and lower anicuts on the Saradanuddy does not appear to be so great as stated in paragraph 3 of your Memorandum, though what would be the nearest practicable route from one to the other in the irrigation season I am unable to state, owing to the want of proper maps. I am of opinion, however, that while there is not sufficient work on that river only for two gumashtas, three men are necessary for the two rivers, and that Mr. Brickwell's proposition to give one charge from the Godari anicut to Dimily; the second, from Dimily to the mouth of that river, and up the Varahanuddy as far as Koppaka; and the third, the works on the latter river above Koppaka, is the most convenient division that can be made. The fact that the two rivers flow into the sea at the same place favors this arrangement.

X 276

From F. BRICKWELL, Esq., C.E., Assistant Engineer in charge No. 1 or Golugonda Range, to Major J. BEATTY, R.E., District Engineer, Vizagapatam, dated Yellamunchilly, 2nd December 1873, No. 1,001.

I HAVE the honor to forward my report on the Neranicum Establishment of No. 1 or Golugonda Range.

1. *Saradanuddy.*—At present there are four lascars employed on this river principally in gauging the depths of water at the various anicuts and head-sluices, and in inspecting the irrigation works in the immediate vicinity of the head works. To enable the superintendence to be carried on the scale laid down by the Chief Engineer in his Memorandum, No. 716 A, dated Narsipatam, 8th October 1873, this establishment must be largely increased, as many of the river channels extend for miles, supplying several villages, and having many branches with, in some cases, dividing sluices and regulating dams. Moreover, each land-holder is in the habit of damming the channels contiguous to his field when the water is low, in order to turn it on to his field; and when he has received a sufficiency he is supposed to remove the cross dam and pass the water on to his neighbour, thus giving rise to endless disputes, which will require a very strong establishment to put a stop to. This practice is said to be the custom in this district, and it seems impossible to remedy it until the Kondakirla Ava Project is carried out, which will probably obviate the necessity of these dams, or most of them. At present it would seem practicable only to regulate them, and see that each ryot gets his fair share of water.

2. I have proposed for the Saradanuddy system two gumashtas and seven permanent lascars, to be assisted in the irrigation season by four temporary lascars to aid in removing shutters, etc. The works will be divided into a Northern and Southern Circle, with a gumashta in charge of each. The Northern Circle is to include the Godari anicut and works as far south as Dimily. The Southern Circle to include all works west of Dimily as far as Koppaka, thus including in it some works supplied by the Varahanuddy; but I see no way of arranging the circles otherwise, so as to give equal work to each gumashta. I should add that the gumashta in charge of the Southern Circle will also have charge of the Koppaka anicut.

3. *Varahanuddy.*—There are now three lascars employed on this river system. I have proposed one gumashta, six permanent lascars, and six temporary lascars, for the irrigation season.

4. The duties of the gumashtas and lascars have been laid down by Colonel Mullins in his Memorandum, No. 716A, dated Narsipatam, 8th October 1873.

5. The works proposed to be entrusted to each gumashta and lascar are shown in detail, with area of cultivation, etc., under the works in each charge in the enclosure.

6. The lascars' pay should be at the rate of Rupees 4½ for temporary and Rupees 5 for permanent lascars per mensem; and the gumashtas Rupees 10 per mensem, with Rupees 2 per mensem batta, to be given only if they conduct their duties satisfactorily.

7. The cost of the Establishment thus proposed will be as under—

3 Gumashtas, at 12 Rupees		Rs. 432 per annum.
13 Lascars, at 5 ,, ...		780
10 Temporary do. for seven months, at Rupees 4½		315
	Total ...	1,527

8. The area of cultivation and revenue is as follows:—

	Acres.	Revenue. Rs.
Saradanuddy	13,788	74,759
Varahanuddy	12,818	64,789
Total...	26,606	1,39,548

So that the charge for conservancy would be rather less than 1·1 per cent.

Statement showing the particulars of Works to be supervised by the proposed Conservancy Establishment and the Acreage and Revenue under those Works.

Circles.	Stations and Description of Establishment.	Names of Stations at which Lascars meet when on circuit.	Names of Works.	Number of important Masonry Works under Works shown in Column 4.					Ayacut.		Remarks.
				Anicuts.	Head-sluices.	Sluices.	Calingulahs.	Large Dams.	Acres.	Assessment.	
1	2	3	4	5	6				7	8	9
Northern Circle.			*Saradanuddy.*							Rs. A. P.	
	1 Lascar at Godari anicut.	Munagapaka.	Godari anicut and head-sluice.	1	1	...	2	...	.....	.....	This lascar is to look over Godari anicut and head-sluice and Kristamraz channel as far as Munagapaka; also to prevent damming the channels and breaching bund, and to keep a register of water passing over Godari anicut and head-sluice and Cassemadum cotta, and to make minor emergent repairs.
			Kristamraz channel ...	...	...	...	...	...	.....	.....	
			Chintamon calingulah.	...	...	...	...	...	.....	.....	
			Gorge calingulah ...	...	...	...	...	...	.....	.....	
			Cassemadum anicut.	...	...	...	...	...	.....	.....	
	1 Temporary Lascar at Godari anicut.	.....	.....	...	...	...	...	...	.....	.....	To help work the shutters in wet season.
	1 Lascar at Temmarazupetta.	Hurripollem village.	Hurripollem or Ava calingulah.	...	...	...	1	...	.....	.....	To keep a register of water passing over Sytar head-sluice and over Ava calingulah, and to protect masonry works, etc. He is also to look over Kristamraz channel as far as Munagapaka, and to attend to minor emergent repairs.
			Sytar channel ...	...	1	...	...	...	157 0	1,861 0 0	
			Old river	...	...	...	...	...	182 0	1,742 0 0	
			Poorada nullah ...	...	...	...	...	1	162 0	1,511 0 0	
			Cassemadum channel.	...	...	1	...	1	410 0	3,492 0 0	
			Channel of Temmarazupetta.	...	...	...	...	...	68 37	627 14 6	
			Total...	...	1	1	1	2	979 37	9,233 14 6	

Statement showing the particulars of Works to be supervised by the proposed Conservancy Establishment, etc.—(Continued.)

1	Circles.	Stations and Description of Establishment.	Names of Stations at which Lascars meet when on circuit.	Names of Works.	Number of important Masonry Works under Works shown in Column 4.					Ayacut.		Remarks.
					Anicuts.	Head-sluices.	Sluices.	Calingulahs.	Large Dams.	Acres.	Assessment.	
	2	3	4	5	6					7	8	9
	Circle.—(*Continued.*)			*Saradanuddy*—(Continued).							Rs. A. P.	
		1 Temporary Lascar at Yerraverum.	Melupaka ...	Kondakirla Ava channel.	...	...	2	1	...	256 12	2,102 3 5	This lascar is to make a proper distribution of water through several channels, and to protect them from damages, and to keep the works in good order. His services are to be dispensed with in the hot weather.
				Branch channels from Ava in Yerraverum.	...	...	...	...	...	280 18	1,862 3 10	
				Do. do. in Hurripallem.	...	...	...	...	...	345 25	3,489 0 0	
				Do. do. in Jugganapetta.	...	...	...	...	...	388 12	3,031 1 10	
				Do. do. in Appandorapollem.	...	...	...	...	...	77 56	396 6 0	
				Do. do. in Andalapully.	...	...	...	...	...	132 75	647 8 0	
				Do. do. in Khazeepollem.	...	...	...	...	...	88 50	839 10 6	
				Do. do. in Voopaverum.	...	...	...	...	...	88 0	372 1 0	
				Do. do. in Mullaverum.	...	...	...	...	...	30 25	112 5 0	
				Do. do. in Cheemalapully.	...	...	...	...	...	7 0	50 6 6	
				Do. do. in Somaveram.	...	...	...	...	...	10 0	20 0 0	
				Do. do. in Razam ...	...	...	...	...	...	9 0	20 0 0	
				Total...	...	...	2	1	...	1,707 73	12,942 14 1	
	Northern	1 Lascar at Kattapallem.	Gokivada ...	Yellamunchelly channel.	...	...	...	...	...	54 0	165 0 0	This lascar is to keep a register of water passing over Goparaz head-sluice sill and on crest of Malalagedda dam. He is also to make a proper distribution of water to the ryots under several branch channels, and to keep these works in good order, and to attend to minor emergent repairs to earthworks, etc.
				Goparaz channel of Cattapollem	...	1	...	1	...	256 0	1,291 0 0	
				Do. of Theravapully.	...	...	...	...	...	267 0	1,037 0 0	
				Panta channel of Cattapollem.	...	...	...	...	...	97 0	512 0 0	
				Babakhan channel of do.	...	...	...	...	...	87 0	410 0 0	
				Thamaracherla channel of Theravapully.	...	...	...	...	...	192 0	775 0 0	
				Voopanabunda channel of do.	...	...	...	...	...	119 0	319 0 0	
				Kundy do. of do. ...	1	...	1	...	...	197 0	413 0 0	
				Venkama tank ...	...	...	1	1	...	119 0	319 0 0	
				Total ...	1	1	2	2	...	1,388 0	5,241 0 0	
		1 Temporary Lascar at Gokivada.	Mamedivada.	Vondoor channel of Gokivada.	...	1	...	...	...	90 0	730 0 0	This lascar is to keep a register of water passing over Mamedivada anicut, and to distribute water to the ryots of Proprietors' and of Government lands, and to protect these works from the damages that may be caused by damming the channels, etc., and also to clear the weeds, etc., on the channel banks; his services are to be dispensed with in the hot weather.
				Babakhan do. do. ...	...	...	...	...	...	54 0	365 0 0	
				Seripuram do. do. ...	...	...	...	...	...	10 0	64 0 0	
				Pakapota channel of Kottali Yellamunchelly.	...	...	...	1	...	138 0	813 0 0	
				Yadumullagedda Cuttu	...	...	...	...	1	91 0	435 0 0	
				Ratnampollem Gedda Cuttu.	...	...	...	...	...	13 0	42 0 0	
				Voodandum Sarry Gattu and Poonu Gattu.	...	...	...	...	1	171 0	860 0 0	
				Chintala Calava of Cottoor.	...	...	...	...	...	95 0	899 0 0	
				Babakhan channel of do.	...	...	...	...	...	169 0	1,618 0 0	
				Ratnumpolem Poonu of do.	...	...	...	...	...	23 0	168 0 0	
				Mamedivada anicut.	1	1	...	...	...	...	.....	
				Total...	1	2	...	1	2	854 0	5,994 0 0	

Statement showing the particulars of Works to be supervised by the proposed Conservancy Establishment, etc.—(Continued.)

1	Circles.	Stations and Description of Establishment.	Names of Stations at which Lascars meet when on circuit.	Names of Works.	Number of important Masonry Works under Works shown in Column 4.					Ayacut.		Remarks.
					Anicuts.	Head-sluices.	Sluices.	Calingulahs.	Large Dams.	Acres.	Assessment.	
					6					7	8	9
											Rs. A. P.	
				Saradanuddy.—(Continued.)						1,588 0	7,408 0 0	To keep a register of water passing over Dimily and Kattabole anicuts, and to distribute the water and to keep these works in good order. He is also to attend to minor emergent repairs to earth-works, etc.
				Sarada river at Dimili.	1	1	...	...	...	69 0	305 0 0	
				River channel of do.	...	...	...	...	...	556 0	2,561 0 0	
				Do of Thamaracherla.	...	1	...	...	...	145 0	500 0 0	
				Kristnasagarum tank of do.	...	...	1	1	...			
				Total...	1	2	1	1	...	2,358 0	10,774 0 0	
		Lascar at Dimily.	Kattabole ...	River channels of Kattabole with its branches.	1	1	...	...	1	640 0	3,637 0 0	
				Muracada channel ...	...	...	...	...	...	462 0	1,727 0 0	
				Saradanuddy embankments.	...	...	...	...	...	.....	.....	
				Total...	2	3	1	1	1	1,102 0	5,364 0 0	
				Punta channel of Kummarapilly.	1	1	...	...	...	81 0	264 0 0	This lascar is to keep a register of water passing over Kummarapilly anicut and to look over several dams, and to distribute water to the ryots of surrounding villages, and also to make minor emergent repairs to earth-works, etc., as well as to destroy white-ant heaps and to keep these works in good order.
				Kada channel of do....	...	...	...	...	...	123 0	442 0 0	
				Nadim channel of do.	...	...	...	...	...	107 0	435 0 0	
		Lascar at Kummarapilly.	Chinnapollem	Mamedemonu channel of do.	...	...	1	...	...	143 0	634 0 0	
				Maracada channel of do.	...	...	...	...	...	74 0	303 0 0	
				Kummarapully channel of Murripolem.	...	...	...	...	...	111 0	421 0 0	
				Soorada nullah of Razala.	...	...	...	...	1	172 0	497 0 0	
				Masudu nullah of do.	...	...	...	...	1	182 0	484 0 0	
				Goddipollem nullah of do.	...	...	1	...	1	153 0	502 0 0	
				Yadumulla nullah of do.	...	...	...	...	1	106 0	303 0 0	
				Peddyraz tank of do....	...	...	...	...	...	183 0	607 0 0	
				Voodandum Sari nullah of do.	...	...	...	...	1	135 0	529 0 0	
				Total...	1	1	2	...	5	1,570 0	5,421 0 0	
				Murripollem anicut ...	1	1	...	...	...	.....	.....	This lascar is to keep a regular register of water passing over Murripollem anicut and Thatacalapollem head-sluice, and to distribute water to the ryots of neighbouring villages. He is also to keep the beds of channels clear, and to protect them from damages as well as to make minor emergent repairs.
				Thigatladibba Calava of Murripollem.	...	...	...	...	...	99 0	447 0 0	
				Chintagundi channel of do.	...	...	...	...	...	99 0	327 0 0	
				Channel in Razala Agraharam belonging to Kummarapilly and other villages.	...	...	...	...	...	143 0	1,029 0 0	
				Nadim channel of Razala Agraharam.	...	...	...	...	...	263 0	1,109 0 0	
		Lascar at Murripollem.	Razala ...	Jogapollem channel of do.	...	...	...	...	...	194 0	834 0 0	
				Kristama channel of do.	...	...	1	...	...	242 0	1,110 0 0	
				Murripollem channel of do.	...	...	...	...	...	23 0	88 0 0	
				Nackchamanah channel of do.	...	...	...	...	...	37 0	55 0 0	
				Thatacalapollem head-sluice and river channel and its branches feeding Rellugedda tank of Tatiakulapollem.	...	1	2	...	...	899 0	2,995 0 0	
				Total...	1	2	3	...	...	1,999 0	7,994 0 0	

Southern Circle

13286/c

Statement showing the particulars of Works to be supervised by the proposed Conservancy Establishment, etc.—(Continued.)

Circles.	Stations and Description of Establishment.	Names of Stations at which Lascars meet when on circuit.	Names of Works.	Number of important Masonry Works under Works shown in Column 4.					Ayacut.		Remarks.
				Anicuts.	Head-sluices.	Sluices.	Calingu-lahs.	Large Dams.	Acres.	Assessment.	
1	2	3	4	5	6				7	8	9
			Saradanuddy.—(Concld.)							Rs. A. P.	
Southern Circle.—(*Continued.*)	Lascar at Calavalapully.	Razala ...	Calavalapully anicut...	1	1	...	...	...	.....	.....	To keep a register of measurements of depths of water passing over Calavalapully anicut, and to look over all these works to prevent damages; also to make a proper distribution of water, and to keep these works in good order.
			River channel of Calavalapully.	...	...	...	...	...	202 0	1,620 0 0	
			Nullah in do. ...	...	1	...	...	...	240 0	1,610 0 0	
			Durmasagaram tank and river channel of Velsoor.	...	...	1	1	...	644 0	3,057 0 0	
			Razoo Cheruvu of do.	...	...	...	...	...	62 0	247 0 0	
			Pasamakhandy of do.	...	...	...	...	...	.....	.....	
			Total...	1	2	1	1	...	1,148 0	6,534 0 0	
	1 Temporary Lascar at Turangalapalem.	Somalingapalem to meet Lascar stationed at Gokivada.	Choda Cheruvu of Kokirapilly.	...	...	2	1	...	261 0	1,856 0 0	This lascar is to look over all these works, and to make a proper distribution of water; also to attend to minor emergent repairs. His services are to be dispensed with in hot weather.
			River channel of do.	...	...	1	...	...	145 0	1,145 0 0	
			Addugedda Chirala in Agraharam.	...	...	...	...	...	70 0	490 0 0	
			Reservoir	...	...	...	...	...	206 0	1,770 0 0	
			Aqueduct at Ramarayunipollem.	...	...	...	...	...	.....	.....	
			Total...	...	...	3	1	...	682 0	5,261 0 0	
			Grand Total...	8	13	15	10	10	13,788 10	74,759 12 7	
			Varahanuddy.								
	1 Lascar at Gubbada.	Nursipatam.	River channel and its branches.	1	1	5	...	...	215 0	1,374 0 0	This lascar is to keep a register of water passing over Gubbada anicut, and to distribute water to the ryots. He is also to keep these works in good order, and to prevent damages, etc. This man is to be assisted by a temporary lascar in the rainy season to work shutters, etc.
			Pedd Cheru in Nursipatam.	...	...	2	1	...	67 0	380 0 0	
			Ayanapatrudi Cheruvu in do.	...	...	...	...	...	15 0	64 0 0	
			Nursipatam tank in Baligattam.	...	...	...	...	...	74 0	359 0 0	
			River channel of do....	...	...	...	...	...	71 0	320 0 0	
			Big tank of Pedda Boddapully.	...	...	1	1	...	121 0	525 0 0	
			River channel of Lutcheemipuram.	...	...	1	...	...	125 0	501 0 0	
			Do. of Gundapala ...	...	...	...	...	...	65 0	336 0 0	
			Division sluice ...	...	...	1	...	...	.....	.....	
			Total...	1	1	10	2	...	753 0	3,859 0 0	
	1 Temporary Lascar at Nursipatam.	.....	.....	...	...	...	...	...	.....	.....	To work shutters, etc., of Gubbada channel, etc., in rainy season.
	1 Lascar at Duggada.	Durmasagarum	River channel ...	1	1	2	...	...	202 0	1,155 0 0	This lascar is to register the water passing over Duggada anicut, and to distribute the water to the ryots of neighbouring villages; also to keep these works in good order, as well as to report damages and to make minor emergent repairs. He is to be assisted by a temporary lascar in the rainy season to work the shutters, etc.
			Pedda Cheruvu in Durmasagarum.	...	...	1	1	...	84 0	514 0 0	
			Duggada river channel, Vamalapudy.	...	...	...	...	...	97 0	505 0 0	
			Do. of Annaveram ...	...	...	...	...	...	125 0	654 0 0	
			Naganah tank in Julloor	...	...	1	...	...	32 0	235 0 0	
			Tootibunda tank in do.	...	...	...	...	...	24 0	178 0 0	
			Ralla bunda in do. ...	...	...	...	...	...	33 0	210 0 0	
			Duggada river channel of do.	...	...	...	...	...	79 0	608 0 0	
			Allumula Atchemma tank in Sunkapur.	...	...	2	1	...	509 0	3,362 0 0	
			Duggada river channel of Bapirazucottapully.	...	...	...	...	...	202 0	1,413 0 0	
			Ammudala Khandy in do.	...	...	...	...	...	42 0	288 0 0	
			Total...	1	1	6	2	...	1,429 0	9,122 0 0	

Statement showing the particulars of Works to be supervised by the proposed Conservancy Establishment, etc.—(Continued.)

Circles.	Stations and Description of Establishment.	Names of Stations at which Lascars meet when on circuit.	Names of Works.	Number of important Masonry Works under Works shown in Column 4.					Ayacut.		Remarks.
				Anicuts.	Head-sluices.	Sluices.	Calingulahs.	Large Dams.	Acres.	Assessment.	
1	2	3	4	5	6				7	8	9
			Varahanuddy.—(Contd.)							Rs. A. P.	
	1 Temporary Lascar at Annarum.	.....	.....	...	...	...	...	...	.....	.....	To help work the shutters in the wet season.
	1 Lascar at Koppaka.	Byaverum sluice.	Koppaka anicut ...	1	1	...	...	...	.....	.....	This lascar is to keep a register of water passing over Koppaka anicut, and to make proper distribution of water; also to keep these works in good order, as well as to make minor emergent repairs.
			Vooracheruvu of Pulapurty.	...	...	1	1	1	229 0	1,510 0 0	
			Thokapalem channel of do.	...	...	1	...	...	41 0	243 0 0	
			Big channel of do. ...	...	..	...	...	...	635 0	4,826 0 0	
			Total ...	1	1	2	1	1	905 0	6,579 0 0	
	1 New Lascar (temporarily) at Koppaka.	.....	.....	...	...	...	...	...	.....	.....	To help work the shutters in the wet season.
	1 New Lascar at Byaveram.	Kristnapuram	River channel of Byaveram.	...	...	1	...	...	278 0	1,325 0 0	To distribute the water to the ryots of neighbouring villages, and to work shutters in the rainy season. He is also to repair petty damages.
			Do. of Malacalapully.	...	...	...	...	...	103 0	262 0 0	
			Do. of Lacaveram ...	...	...	1	...	...	235 0	1,359 0 0	
			Billacumarapu tank in Kristnapuram.	...	...	1	...	...	124 0	540 0 0	
			Nootula tank in do ...	...	...	1	...	...	56 0	218 0 0	
			Jogy Cheruvu in do...	...	...	...	...	...	34 0	123 0 0	
			Durmasagarum Voducheru in do.	...	...	3	1	...	315 0	1,271 0 0	
			Thallama Cheruvu in Kottaly.	...	...	1	...	...	269 0	860 0 0	
			Billakumarapu channel.	...	...	...	...	...	110 0	457 0 0	
			Total...	...	...	8	1	...	1,524 0	6,415 0 0	
	1 Temporary Lascar at Sudepurum.	Vommaveram.	Pedda Cheruvu in Sudepurum.	...	...	2	1	...	69 0	1,159 0 0	This lascar is to look over all these works, and to make a proper distribution of water, and to work shutters, etc., in the rainy season. He is also to attend to minor emergent repairsto earth-works, etc., and to keep these works in good order. The services of this lascar are to be dispensed with in hot weather.
			Voomady tank in do.	...	...	...	...	...	87 0	306 0 0	
			Masudu tank in do.	...	...	...	1	...	303 0	1,018 0 0	
			Razoo tank in do.	...	...	...	...	...	90 0	340 0 0	
			Voomady tank, Vamagiry.	...	...	1	1	...	134 0	774 0 0	
			Dongala Bunda in do.	...	...	1	...	...	72 0	472 0 0	
			Mataya Cheruvu in do.	...	...	...	...	...	37 0	200 0 0	
			Ravulu tank and River Channer, Survasidy.	...	1	3	1	...	637 0	2,337 0 0	
			Macktagedda channel in do.	...	...	...	...	...	72 0	152 0 0	
			Tota channel in do...	...	...	...	...	...	80 0	251 0 0	
			Bennaveram channel in do.	...	...	...	...	...	35 0	81 0 0	
			Soodepuram tank in do.	...	...	...	...	...	35 0	238 0 0	
			Koppanabunda tank in do.	...	...	1	...	...	192 0	336 0 0	
			Total...	...	1	8	4	...	1,843 0	7,664 0 0	
	1 Temporary Lascar at Pengole.	Vommaveram.	Muttu channel of Pengole.	...	1	...	...	...	205 0	955 0 0	This lascar is to distribute the water, and to work shutters in the rainy season; also to attend to minor emergent repairs. His services are to be dispensed with in the hot weather.
			Mollapollem channel of do.	...	1	...	...	...	269 0	1,237 0 0	
			Channel in Vommaveram belonging to Pengole and Vommaveram.	...	...	1	1	...	199 0	1,166 0 0	
			Nursimhasagarum tank in Vommaveram.	...	...	1	1	1	199 0	1,166 0 0	
			Total...	...	2	2	2	1	847 0	4,385 0 0	

15 28/8

Statement showing the particulars of Works to be supervised by the proposed Conservancy Establishment, etc.—(Continued.)

Circles.	Stations and Description of Establishment.	Names of Stations at which Lascars meet when on circuit.	Names of Works.	Number of important Masonry Works under Works shown in Column 4.					Ayacut.		Remarks.
				Anicuts.	Head-sluices.	Sluices.	Calingulahs.	Large Dams.	Acres.	Assessment.	
1	2	3	4	5			6		7	8	9
			Varahanuddy.—(Continued.)							Rs. A. P.	
	1 Lascar at Rayaveram.	Lingarazupalem.	Pedda Calava of Rayaveram.	...	...	...	...	1	113 0	734 0 0	This lascar is to look over all these works and to distribute water to the ryots of the surrounding villages, and to work shutters, etc. He is also to keep a register of water, and to attend to repairs of petty damages.
			Totaravadi Calava of do.	...	...	..	...	...	60 0	500 0 0	
			Anantasagarum tank in do.	...	...	1	1	...	605 0	3,584 0 0	
			Ramasagaram tank in do.	...	...	2	1	...	426 0	2,586 0 0	
			Kristnasagaram tank in do.	...	...	...	...	...	25 0	121 0 0	
			Punta tank in do. ...	...	...	...	...	...	40 0	331 0 0	
			Curribommanah channel in do.	...	...	...	...	...	87 0	723 0 0	
			Do. Conati channel ...	...	...	...	...	...	77 0	319 0 0	
			Cotta Cheruvu, Lingarazupalem.	...	...	1	1	1	467 0	2,677 0 0	
			Voomady Kristnasagarum tank in do.	...	...	1	...	...	170 0	845 0 0	
			Vissumraz channel of do.	...	...	...	...	...	128 0	558 0 0	
			Cottapalem channel in do.	...	...	...	...	...	117 0	534 0 0	
			Pottubunda do. do. ...	...	...	...	...	...	16 0	81 0 0	
			Kamaraz do. do. ...	...	...	...	...	...	60 0	213 0 0	
			Total...	...	...	5	3	1	2,391 0	13,806 0 0	
	1 Temporary Lascar at Pedda Oppalum.	Lingarazupalem.	Pedda tank in Pedda Oppalum.	...	...	3	1	...	896 0	4,016 0 0	This lascar is to work shutters, etc., in the rainy season, and to distribute water. He is also to attend to minor emergent repairs. His services are to be dispensed with in hot weather.
			River channel of do...	...	...	...	...	...	313 0	1,515 0 0	
			New tank in Chinna Oppalum.	...	...	1	...	...	91 0	244 0 0	
			Rolla Cheruvu in Gudivada.	...	...	1	1	...	144 0	293 0 0	
			Oppoo Cheruvu in Gudivada.	...	...	...	...	...	88 0	189 0 0	
			New channel in do. ...	...	...	...	...	..	93 0	101 0 0	
			Total...	...	...	5	2	...	1,625 0	6,358 0 0	
	1 Lascar at Opparapully.	.....	New tank in Opparapully.	...	...	2	1	...	344 0	2,030 0 0	This lascar is to work shutters, etc., in the rainy season, and to distribute water. He is also to attend to minor emergent repairs.
			Voomadi Kristnasagaram tank in do.	...	...	2	1	...	97 0	357 0 0	
			Lutchumaraz channel in do.	...	...	...	...	...	95 0	419 0 0	
			Pottupollem channel in do.	...	...	...	...	...	65 0	317 0 0	
			Ramasagaram tank in Vacapad.	...	...	2	1	...	670 0	2,823 0 0	
			River channel in do.	...	...	...	...	...	230 0	655 0 0	
			Total...	...	...	6	3	...	1,501 0	6,601 0 0	
			Grand Total...	3	11	52	20	3	12,818 0	64,789 0 0	
	1 Gumashta at Nursipatam.	.....	All anicuts and channels, etc., from Koppaka as far as Gubbada.	...	...	...	...	...	...	.....	He is to supervise the lascars between Gubbada and Koppaka anicuts, and to inspect their works; and also to receive water reports from the lascars, and send a general report to the Range Office; also to keep a diary and daily record of work done by lascars.

1328/9

Statement showing the particulars of Works to be supervised by the proposed Conservancy Establishment, etc.—(Concluded.)

Circles.	Stations and Description of Establishment.	Names of Stations at which Lascars meet when on circuit.	Names of Works.	Number of important Masonry Works under Works shown in Column 4.				Ayacut.		Remarks.
				Anicuts.	Head-sluices.	Sluices.	Calingulahs.	Large Dams.	Acres.	Assessment.	
1	2	3	4	5	6				7	8	9
			Varahanuddy.—(Concluded.)							Rs. A. P.	
	1 Gumashta at Pullapurty.	.....	All anicuts and channels, etc., from Koppaka as far as Dimily	...	...	...	...	...	...	.....	He is to supervise over all the lascars in his circle, and to inspect their works. He is also to receive reports of measurements of depths of water from the lascars of his circle, and to send a general report to the Range Office, as well as his diaries and daily report of work done by lascars. Do. do.
	1 Gumashta at Godari anicut.	Ummadala ...	All anicuts from Godari anicut to Dimily.	...	...	...	...	...	...	.....	

N.B.—The Tanks exhibited in this Statement are fed by River channels.

(Signed) F. BRICKWELL, C.E.,
Assistant Engineer.

(True Copy.)

(Signed) J. BEATTY, Major, R.E.,
District Engineer, Vizagapatam.

ABSTRACT.

3 Gumashtas.
13 Permanent Lascars.
10 Temporary Lascars.

YELLAMUNCHELLY,
2nd December 1873.

1328/10

Proceedings of the Madras Government, Public Works Department,
18th July 1874.

No. 716 A.

MEMORANDUM.

In June last, in answer to the correspondence with the District Engineer, Vizagapatam, regarding the Conservancy Establishment, the undersigned drafted a Memorandum approving of the measures which had been taken to provide useful employment for the members of that establishment who would otherwise have nothing to do, but stating that it was questionable whether it would be advisable to make the reductions proposed in the correspondence of the District Engineer with the Secretary to Government. It was found, however, that in connection with certain petitions from dismissed lascars an order had already been passed approving of those reductions, and the matter has consequently been left until the undersigned has, by visiting the district, had an opportunity of discussing the subject more fully with Major Beatty.

No. 195, 2nd May 1873.
„ 433, 10th June „

2. It may here be noticed that correspondence or references relating to Conservancy Establishments employed on Irrigation works should be addressed to this office, and not to the other branch of the Public Works Department.

3. It appears that at present the Conservancy Establishment of the district consists of one Gumashta and seven Lascars, and it has to look after the Saradanuddy and five anicuts, the highest and lowest anicuts being upwards of thirty miles apart, while in connection with these there are many miles of supply-channel and many regulating works. The area of irrigation of Government lands is upwards of 11,000 acres and the Revenue more than 80,000 Rupees.

The Varahanuddy and three anicuts, the distance from the highest at Gubbada and the lowest at Koppaka being about twenty miles, involving the usual amount of inspection and regulation.

4. It appears to the undersigned that the establishment is altogether inadequate to the proper performance of the duties which it is required, or should be required, to perform. It is very evident that many of those duties are now very imperfectly carried out, and that the works cannot be maintained in an efficient state, waste of water prevented, and encroachments promptly put a stop to, without far more frequent inspections than are now possible, while inquiries, which the Range Officer may require to have made with a view to ascertaining whether the water drawn off from the channels is being properly utilized, cannot be undertaken.

5. Among the numerous duties of Conservancy Establishments are—

a. The care of all the works entrusted to them.

b. The regulation of water under specific directions from the Range Officer.

c. The registration of the water-supply, not only at the anicuts and head-works, but at all other important points, such as at surplus works; and the measurement of the depths of water on the sills and in rear of all head-sluices when periodical inspections are made.

d. The execution of trifling repairs from time to time to banks and other earth-works.

e. The immediate protection of earth-works in the neighbourhood of sluices, surplus works, etc., which may be damaged.

f. The clearing of embankments from weeds and undergrowth, so that their exact state may be always apparent.

g. The filling and tamping of all vermin holes; the cutting out of white-ant nests with the destruction of the queens, making good the banks at such places; the timely repair of the crossings of banks at fords.

h. The detection of leakage; the examination, from time to time, of all masonry works on main and branch channels which may be repairable from the agricultural grant, so that all undermining or other occasions of injury may at once be discovered, and the proper remedies applied.

i. The superintendence in detail of the carrying out of annual or special repairs.

6. The Gumashtas should keep diaries of the work done or the inspections made by them; they should also maintain a daily record of the employment of the lascars under their orders, and

the Range Officer should satisfy himself that the latter are fully employed on useful work ; they should all be working men.

7. The District Engineer is requested to draw up a revised scale of Conservancy Establishment for the Irrigation works of his district with reference to these considerations, and to submit it with the tabular Statement* required by the Government of India as soon as possible, giving at the same time the particulars of the works to be supervised, and the Acreage and Revenue under them. As at present informed the undersigned thinks that two Gumashtas for the Saradanuddy Irrigation and one for the Varahanuddy should be employed, and that the number of lascars to be retained throughout the year should be increased, or that the scale should provide for additional lascars to work the shutters, etc., during the Irrigation season. Every permanent lascar should have his assigned duties and his beat, and should be held responsible for the good order of every thing within the limits of that beat.

* G. O., No. 192, dated 14th May 1850, form enclosed.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

8th October 1873.

SUBMITTED for the consideration of Government, with a recommendation that the revised Conservancy Establishment, drawn up for the Vizagapatam District, should be sanctioned from the commencement of the official year 1874-75. The instructions given to the District Engineer regarding the duties of this establishment are contained in the Memorandum as per margin. The cost per annum will be 1·1 per cent. on the revenue, and less than 1 Anna per acre, and it is hoped that many of the irregularities now so prevalent in the irrigation under the Saradanuddy and Varahanuddy will be checked, and that the water-supply will be turned to better account. It will be seen from paragraph 8 of the Assistant Engineer's letter that the irrigation to be conserved is

No. 716 A of the 8th October 1873.

	Acres.	Revenue. Rs.
Under the Saradanuddy	13,788	74,759
Do. Varahanuddy	12,818	64,789
Total...	26,606	1,39,548

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 344. From Captain J. W. HINDLE, Officiating District Engineer, Vizagapatam, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Waltair, 13th May 1874, No. 279.

WITH reference to your Memorandum No. 29 of 13th January 1874, I have the honor to inform you that, as therein directed, my predecessor furnished* the Collector with copies of the instructions contained in your Memorandum No. 716 A, dated 8th October 1873, and the statement, dated 2nd December, showing particulars of works, etc., to be supervised, and requested him to state whether the proposal therein made for an increased Conservancy Establishment meets with his approval.

1 Copy of Collector's letter.
1 Statement.

* On 13th February 1874.

2. The enclosed is a copy of the Collector's reply just received in this office, from which it will be seen that the proposed establishment did not appear to that

1328/11

officer to be greater than is necessary for the efficient discharge of the specified duties.

3. A tabulated statement showing the present and proposed establishments prepared in the form kindly furnished by you is herewith submitted.

From J. F. SNAITH, Esq., Acting Principal Assistant Collector in charge of the District, to the District Engineer, Waltair, dated 12th May 1874.

IN reply to your letter, No. 1,939, dated 13th February last, I have the honor to inform you that the Neeranicum Establishment proposed by the Assistant Engineer does not appear to me to be greater than is necessary for the efficient discharge of the specified duties.

2. The enclosures of your letter are herewith returned as requested.

5

VIZAGAPATAM DISTRICT.

Tabular Statement showing the Present and Proposed Scales of Establishment in the Vizagapatam District.

Extract from Home Department of Government of India. No.	Date.	Office to which the Proposition refers.	Nature of Charge. Present Scale.	Proposed Scale.	Permanent. Increase per Month.	Permanent. Decrease per Month.	Temporary. Increase per Month.	Temporary. Period.	Temporary. Decrease per Month.	Grounds of Proposition.	Local Government's recommendation	Orders of the Government of India. P. W. Department. Remarks.	Orders of the Government of India. Financial Department. Remarks.	Orders of the Government of India. Financial Department. Orders.
				PROPOSITION.										
		Saradanuddy and Varahanuddy Rivers.		*Saradanuddy.*	Rs.	Rs.	Rs.		Rs.					
			1 Gumashta ... 10	2 Gumashtas ... 24	14	...	13	1	...					
			2 Lascars ... 10	7 Lascars ... 35	25	...	...	...	...					
			5 Temporary Lascars for 6 months, at 5 Rs. each ... 25	4 Do. temporary for 7 months, at Rs. 4-8-0 each... 18	...	...	27	Seven months.	...					
			45	77										
				Varahanuddy.										
				1 Gumashta ... 12	12	...	165	...	...					
				6 Lascars ... 30	30	...								
				6 Do. temporary 27	...	...								
				69										
				Total Increase per annum ...	972	...								

(Signed) J. W. HINDLE, Captain,
Offg. District Engineer, Visagapatam.

WAITMAN,
13*th May* 1874.

No. 345. ORDER THEREON, 18th July 1874, No. 1,930.

IRRIGATION, No. 33.

Establishment.

BEFORE passing orders on these papers, the Government desire to be informed whether there is any village Nirgunti or Niranikum Establishment attached to any villages irrigated by the Saradanuddy or Varahanuddy, and if so, how it is remunerated. Also, whether there are any fees, etc., merah or maniyems for the maintenance of irrigation works, and what the ancient conditions may be in regard to such matters in the district. These papers will therefore be communicated to the Revenue Department, in order that the above information may be obtained from the Collector, who will further be requested to state what paid Conservancy Establishment should be charged.

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Joint Secretary to Government.

To the District Engineer, Vizagapatam.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. T. O'Connor.

Spare Copies

Govt. of 1874 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER, VIZAGAPATAM,

&c., &c., &c.

Dated July 18th.

Recd. *Encl.*

G. O., 18th July 1874, No. 1,930.

JULY.

Nos. 343-345

Conservancy Establishment, Vizagapatam District.—Papers connected with the revised scale of Conservancy Establishment, communicated to the Revenue Department with a view to certain information being obtained from the Collector on the subject.

1 1388/3

Proceedings of the Madras Government, Public Works Department, 25th January 1875.

No. 428. Read the following endorsement of the Revenue Department, dated 11th November 1874 :—

Proceedings of the Board of Revenue, dated 2nd November 1874, No. 3,145.

Read again Proceedings of the Madras Government, dated 18th July 1874, No. 1,930.

Read the following letter from H. ST. A. GOODRICH, Esq., Acting Collector of Vizagapatam, to J. GROSE, Esq., Secretary to the Board of Revenue, dated 28th September 1874, No. 1,424.

I HAVE the honor to reply to Board's Miscellaneous Proceedings, No. 5,314, dated 7th August last, referring for report G. O., No. 226, dated 27th July 1874, Revenue Department, on the subject of Neeranicum Establishment.

2. There is no Village Nirganti Establishment in this district. The control over minor channels irrigating a single village, as well as field channels, is in the Village Munsif. All other channels are under the control of the Public Works Department, who have the following Nirganti Establishment to aid them :—

1 Gumastah.
4 Lascars on the Saradanuddy
3 Do. on the Varahanuddy } rivers.

3. No fees are levied or lands allowed for the maintenance of Irrigation works. In thirteen villages of the Golcondah Taluq there were inams granted for the service of repairing tanks and channels ; but, after some correspondence in 1869, the Inam Commissioner has enfranchised them.

4. As to what the former custom was in regard to the maintenance of Irrigation works in this district, I beg to state that in olden times the whole district was under Zemindari and Proprietary management. The Zemindars used to enact customary labor from the ryots to a very great extent, and by compulsion.

After the two taluqs of Golcondah and Sarvasiddhi, which are the only taluqs under Government management, became Government taluqs, the custom of enacting village labor was allowed to fall in abeyance till about 1866, when it was revived, *vide* Mr. Sewell's replies to Circular No. I. on Notes of Evidence taken by Public Works Commission on the subject of customary labor. The ryots now execute all minor repairs, the cost of which does not exceed Rupees 20.

5. I see no objection to the entertainment of the additional Nirganti Establishment applied for by the District Engineer, and the officers who have been in charge of the sub-division, specially interested, advocate the change.

SUBMITTED to Government with reference to G. O., dated 18th July 1874, No. 1,930, Public Works Department.

(A True Copy and Extract.)

(Signed) J. GROSE,
Secretary.

TRANSFERRED to the Public Works Department with advertence to G. O., 18th July 1874, No. 1,930, Public Works Department.

(Signed) C. G. MASTER,
Acting Secretary to Government, R. D.

Proceedings of the Madras Government, Public Works Department,
25th January 1875.

No. 429. ORDER THEREON, 25th January 1875, No. 207.

IRRIGATION, No. 46.
Establishment.

UNDER the circumstances noticed in the Proceedings above recorded, His Excellency the Governor in Council has no longer any doubt but that the revision of the Irrigation Conservancy Establishment in the Vizagapatam District is necessary, and the usual application for the sanction of the revised scale, as shown in the Proceedings of Government of the 18th July 1874, will be made to the Government of India, pending whose sanction the entry in the Budget of 1875-76 will be made accordingly.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E,.
Secretary to Government.

To the District Engineer, Vizagapatam.
,, Controller of Public Works Accounts.
,, Chief Engineer for Irrigation.

Exd. E. C. Shunker.
Spare Copies

1328/14

12 9

Govt. of {1875} Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER, VIZAGAPATAM,

&c., &c., &c.

Dated January 25th.

Read.

Encl.

G. O., 25th January 1875, No. 207.

JANUARY.

Nos. 428-429

Conservancy Establishment, Vizagapatam District.—The revision of the Irrigation Conservancy Establishment considered necessary, and application for the sanction of the revised scale to be made to the Government of India, pending sanction to an entry to be made in the Budget of 1875-76.

VIZAGAPATAM DISTRICT.

Tabular Statement showing the Present and Proposed Scales of Necranicum Establishment in the Vizagapatam District.

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.		
					Permanent.		Temporary.						P. W. Dept.	Financial Department.	
		Present Scale.		Proposed Scale.	Increase per Month.	Decrease per Month.	Period.	Increase per Month.	Period.	Decrease per Month.			Remarks	Remarks	Orders.
			Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.					
	Saradanuddy and Varahanuddy Rivers.			*Saradanuddy.*											
		1 Gumastah	10	2 Gumastahs 24	14	...	...	...	...	...					
		2 Lascars	10	7 Lascars 35	25	...	...	...	...	...					
		5 Temporary Lascars for 6 months, at 5 Rs. each ...	25	4 Do. temporary for 7 months, at Rs. 4-8-0 each 18	...	...	...	...	6 months.	4					
			45	77											
				Varahanuddy.											
				1 Gumastah 12	12	...	...	...	...	...					
				6 Lascars 30	30	...	...	...	...	...					
				6 Do. temporary ... 27	...	...	7 months.	27	...	...					
				69											
				Per annum 1,527	...	...	...	...	...	...					
				Total Increase per Annum...	972	...	...	189	...	24					
								165							

(True Extract.)

(Signed) G. W. WALKER, Colonel R.E.,

Secretary to Government.

1328/16

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *January 25th*, 1875.

No. 430.

No. 208.

FROM

COLONEL G. W. WALKER, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

IRRIGATION, No. 47.
Establishment.

SIR,—I am directed to transmit, for the consideration of the Government of India, a tabular statement in the prescribed form showing the revised scale of conservancy establishment considered to be necessary for the management of the Irrigation works in the two Government Taluqs of the Vizagapatam District, and to request that sanction to the revision of this establishment may be accorded. I am at the same time to transmit copies of the Proceedings of this Government as per margin, which contain full information regarding the works to be supervised and the arrangements proposed.

No. 1,930, 18th July 1874.
,, 207, 25th January 1875.

2. The Budget provision heretofore made on account of this establishment has amounted to Rupees 628, and the revised scale shows a total of Rupees 1,527 per annum, but since June 1873 the actual cost for the year has been only Rupees 390. It is intended that the new arrangements shall be introduced from the 1st April 1875.

I have honor to be,
Sir,
Your most obedient servant,
(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.

Spare Copies

Govt. of {1875} Madras

PUBLIC WORKS.

To

THE SECRETARY TO THE GOVERNMENT

OF INDIA

Dated January 25th.

Read. *Encl.*

G. O., 25th January 1875, No. 208.

JANUARY.

No. 430

REQUESTING that sanction to the revision of the Conservancy Establishment of the Vizagapatam District may be accorded.

20TH JUNE 1888, No. 1835 W., PUBLIC WORKS.

1328/17

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From J. E. PAUL, Esq., Executive Engineer, in charge I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 25th May 1888, No. 97 V.Z. :—

I have the honor to submit, herewith, a proposition statement, in the prescribed form, for temporary establishment required for seven months during the year 1888-89 at a monthly cost of Rs. 45, in the Vizagapatam division, for assisting the permanent lascars in the distribution of water, and to request that you will be good enough to obtain the sanction of Government to the same.

2. For the year 1887-88 this establishment was sanctioned in G.O. No. 2574 W., dated 28th September 1887.

45

Enclosure.

Proposition Statement for revision of the temporary establishment of the Vizagapatam division.

Order sanctioning the present Establishment—Government of Madras, P. W. Dept.		Office to which the proposition refers.	Nature of Charge.																													
			Present Scale.											Proposed Scale.																			
			Designation.			Pay.								Designation.			Pay.																
Number.	Date.					Minimum.		Increment.		Maximum.		Average or fixed.					Minimum.		Increment.		Maximum.		Average or fixed.									
						Rs.		Rs.		Rs.		Rs.					Rs.		Rs.		Rs.		Rs.									
No. 2574 W.	28th September 1887.	Vizagapatam division.	Number.	Irrigation Establishment. Temporary.								Number.	Irrigation Establishment. Temporary.																			
			10	Irrigation Jamadi, each at Rs. 4-8-0.*		..		..		45		45		10	Irrigation Jamadi, each at Rs. 4-8-0.*		..		..		45		45									

Present Scale.										Proposed Scale.																					
Permanent.				Temporary.						Permanent.				Temporary.																	
Increase per month.		Decrease per month.		Increase per month.		Decrease per month.				Increase per month.		Decrease per month.		Increase per month.		Decrease per month.															
Amount.		Amount.		Period.		Amount.				Amount.		Amount.		Period.		Amount.															
Rs.		Rs.		Mths.		Rs.				Rs.		Rs.		Mths.		Rs.															
..		..		..		..				..		..		..		..															
..		..		..		..				..		..		..		..															

(Signed) C. J. USSHER,
Executive Engineer, Vizagapatam Division.

* As usual required only for seven months from 1st July 1888 to end of January 1889.

Waltair,
15th May 1888.

(Signed) J. E. PAUL,
Executive Engineer, in charge I Circle.

1328/16

Office Note from the Examiner, Public Works Accounts, dated 11th June 1888, No. 1647.

Entries in the column "present scale" of the proposal statement have been checked and found correct.

Order—dated 20th June 1888, No. 1835 W., Public Works.

The statement of temporary establishment required in the Vizagapatam division for seven months during 1888-89, is sanctioned.

2. This sanction has been registered as Provincial No. 25 W. of 1888-89, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
„ Examiner, Public Works Accounts.

16
25

Exd. F. R. Bantleman.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated June, 20th.

Read. *Encl.*

G.O., 20th June 1888, No.1835 W.

JUNE.

Temporary Establishment

The statement of — required in the Vizagapatam division for seven months during 1888-89, sanctioned.

(G. No 264)
P.W.C. No 3794
1889
(2) 13 28/9
Examiner P.W. Accounts.
13 28
Madras 25th April 1889.
Office Note No 535.
R 26-4-89 E.2
29-4-89
W your G.O. No 1628C dt 28th March 89.

Entries in column 4 "Present Scale" of the proposal statement have been checked and found correct.

2. The pay of the watchman is apparently debitable to "Establishment Petty" and his appointment requires the sanction of Government under Code Para 183.

24/
6.
RD 25/4.
RD 25/4
Enc. 2

1889.

P. W. DEPARTMENT.

Current No. 3794

1328/20

From

The Examiner P.W. accts:

ENCLOS.— 2

No. 535

Dated 25-4-89

Received 26-4-89

SUBJECT.

Jempy: Establt: for Vizagapatam Dn during 1889-90

Stating that the state-
-ment of — have been
checked & found correct.

DISPOSAL.

No. Dated

To I

For favour of remarks with reference to the Hon: member's note. Please see your letter as Supt g: Engr: I Circle recorded with G.O. 295 W d/4 Feby: /89 in regard to the Establishment in question.

(sd) K.R.S.R.

W

OLS 29/5 dessd 2/5/89

2574 w. 28.9.87
1858 w. 22.7.86.
1009 w. 17.4.86.
1134 w. 13.5.85.
2902 w. 20.11.84
1234 w. 14.5.84
295 w. 4.2.84

No 1628-C dy 28-3-89
G.O. 1835 W dy 20-6-88
- 2574 W dy 28-9-87
- 1856 W dy 22-7-86
- 1009 W dy 17-4-86
- 1133 W dy 13-5-85
- 2902 W dy 20-11-84
- 1234 W dy 14-5-84
- 295 W dy 4-2-84

1328

18

No. 1835 W dy 20-6-88

1889.

P. W. DEPARTMENT.

1328/27

Current No. 2836

From The Supdg. Engineer
I circle.

ENCLOS.—

No. 611 V. Z.
Dated 18th March 1889
Received 25 — do —

SUBJECT.

Submitting for sanction a proposition Statement for the temporary Establishment required in the Vizagapatam Division for 1889-90.

DISPOSAL.

No. 1628 C Dated 28th March 1889

To
C

For favor of check of the present scale and remarks as regards the departmental head to which the pay of the watchman can be

charged - vide office
Note No- 159 dated
27th March 1889.

D 28/3 (LL) W.L.C.B.
27-3-89
Dw

13 28

No. 611 V.Z

FROM,

I.C. Rail Enquiries 1P
Executive
~~THE SUPERINTENDING~~ ENGINEER in charge
FIRST CIRCLE.

13 28/2

TO,

THE CHIEF ENGINEER P.W. Deptt.
~~FOR IRRIGATION.~~

DOWLAISHWARAM, 10th March 1889
Despd 19 Do

SIR,

Encls one I have the honor to
Submit herewith a proposition Statement
for the temporary Establishment required
in the Vizagapatam Division for 1889-90
and to request you will be good
enough to obtain the sanction of
Government to the same.

I have the honor to be
Sir,
Your most Obedt Servant

22
4

Executive Engineer in charge
first Circle.

Irrign no 1628 C d/ 28-3-89
1st Aic 1836 d/ 20-6-88

EXAMINER
20 MAR 89
ENCLOSURES
P.W. ACCOUNTS

250

No. 1628 C d/ 28th March 1889

To C

For favor of check of the present scale of remarks as regards the departmental head to which the pay of the watchman can be charged- vide office note No 1591 C d/ 27th March 1889.

27.3.89
D.W.

FROM, J.C. Paul Esqr 3794
Executive
~~THE SUPERINTENDING~~ ENGINEER
In Charge FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

~~FOR IRRIGATION.~~
D.P.W.

DATED 18th
DESPTCHED 19th March 1889
RECEIVED

SECRETARY TO GOVERNMENT
25 MAR. 89
P.W. DEPARTMENT, MADRAS

NO. 611 V.Z.

ENCLOSURES. 1

SUBJECT.

Temporary establishment required for the Vizagapatam Div. for 1889-90- Submits for sanction a proposition Statement for—

2d

Appendix to G O No 1328W dated 18-8-89 First Circle

PROPOSITION STATEMENT FOR REVISION OF THE Temporary ESTABLISHMENT OF THE Vizagapatam Div 1888/25

Order sanctioning the present establishment Government of Madras Public Works Department.		Office to which the proposition refers.	NATURE OF CHANGE.																				Remarks.
			Present scale.						Proposed scale.								Proposition.						
																	Permanent.		Temporary.				
																	Increase per month.	Decrease per month.	Increase per month.		Decrease per month.		
					Pay.							Pay.											
No.	Date.		No.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed.	No.	Designation.	Minimum.	Increment.	Maximum.	Average or fixed	Amount.	Amount.	Period.	Amount.	Period.	Amount.	
4	5	7	2	=16=	2	2	2	0	2	=15=	2	2	2	0	4	4							
Vide Statement submitted with this office memo 6077/2 of 15-3-89			1	Watcher to look after the General Stores at Vizagapatam.	4		4	4	1	Watcher to look after the General Stores at Vizagapatam from 1st April 1889 to 28th February 1890 = 12 months.	4		4	4			12	48				
				Irrigation Establishment Temporary.						Irrigation Establishment Temporary													
1835W 20/6-88.		Vizagapatam	10	Irrigation Kascars each @ Rs 4-8-0	45		45	45	10	Irrigation Kascars each @ Rs 4-8-0	45		45	45			* 7	315			* Required for 7 months from 1st July 1889 to end January 1890.	

25

Dowlaishweram,
18th March 1889

Executive Engineer
Superintending Engineer 1st. Circle.

1

200
22 MAR 89
SECRETARIAT ACCOUNTS

13280

1328
/24

Exd
Mem 2830/89
3794

Execution in a letter
No b 11 V Z dated 10 Mar
from the Supg Enginee
1st Circle

H. In

13280

1328
/20

A

PUBLIC WORKS DEPARTMENT.

Genl
Establt

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 18th May 1889

READ the following

From the Supt.g Engineer I Circle. N. E. No: 611. V. Z. d/18th March 1889

Office note from the Examiner P. W. Accts N. E. No: 535 d/25th April/89

The temporary establish-
-ment required in the Vizaga-
-patam Division during 1889-90
~~is sanctioned as proposed in~~
as detailed in
the statement submitted by the
Supt.g. Engineer is sanctioned

2. This sanction has been
registered as Provincial No: 47 W
of 1889-90, and classified
as Establishment, Temporary.

HCS
16 May

This strikes me as rather curious.
What have the PWD to do with
distributing water for irrigation in
Vizagapatam? What large irrigation
works are under the charge of this
Dept in that District? There can only
be some tanks & very few of these.
Why is not water distributed from them
by the villagers as elsewhere? I see
the estab.t is called usual but that does
not justify it. What does it mean?
HCS 8 May

The Supt.g. Engineer I Circle
" Examiner P. W. Accts.

WCM
3.5.89

25
Accts
6.5.89

The Supt ought to have 'I's' as the initials

37/5
May

To The Hon^ble M^r H. E. S Gillan

Resubmitted with a
note by I in reply to remarks
on the draft dated 2 May

Rec^d

If the Govt of Ind, 7th Jan^y 85
have been put up & turned
have passed at once.

V.G.
Gracey.

3 Circuits on the Varaha x
y — — — Sarada.
"a continuous record of
Expenditure" is maintained
I believe the small
Expenditure on Trial
Bunds is worth incurring
Not so much for the absolute
work they do, but because
their means emergent
requirements are often
brought to notice by timely
attention to trial Bunds
damage & considerable
Expenditure is averted

J.
15/6/82

Rec^d 16/5
Desp. 29/5. Nov 1/85

No 158 Dated 9th May 1889

To I

For favour of remarks
with reference to the
Noble member's note. Please
see your letter as Supty. Engr
I Circle recorded with G. O.
295 W dated 4th February 86 in
regard to the establish=
=ment in question.

Rec^d
9.5.89
W

I am sorry to say that
this S^t- unlaid & has
only just come to my notice
I would recommend the
looking up of P. O's No 2 to
in my letter (No S. S 1^st) print
with Pub. G^t No 295 W 4/2/86
to show the reasons for
the original appointment
of these Cascades. They
look after the banks &
masonry works on the
Sarada & Varaha rivers
in the Southern portion of the
Vizagapatam District during
months that these rivers are
likely to be in flood. There are
25,664 Acres of irrigation from the
rivers yielding a revenue of 1,02,73
a year for system

3

13 25/7

96

1/6

Govt. of (1889) Madras.

PUBLIC WORKS.

Dated 21-5-89

Read. Encl.

G.O., 18 May 1889 No. 1285

Temporary Establishment

=

Re - sanctioned in the Irrigation estimate for May 1889/90, sanctioned.

(28)

60/3

P. 21/5 46/5 21/5