Public Works (1897) Department.

G.O., No. 2849 W

DATED 11 October 1897

12/10/97

[Despatch Abstract.]

Office of the Chief Engineer for Irrigation: Approving the proposal that a junior Executive Engineer may be attached to the — for inspecting the work of each T.R. Party, and considering that the Executive Engineer to be nominated should almost entirely be an inspecting Officer and should not be employed more than absolutely necessary in the Office of the Chief Engineer for Irrigation.

80 1/10 / 4

11/10/97

File 80

P.W. 26
1,000—20-11-96.

Indexed

C. E. for Irrig 12/10/97 7 Oct

BACK PAPERS.

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

FURTHER PAPERS.

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

GENERAL.
ESTABLISHMENT.

Government (1897) of Madras.
PUBLIC WORKS.

Recd. } 1897. *Enclosures*
Regd. *Spare copies*

G.O., No. 2849 W., 11th October 1897.

OCTOBER.

Office of the Chief Engineer for Irrigation

Approving the proposal that a junior Executive Engineer may be attached to the — for inspecting the work of each Tank Restoration Party, and considering that the Executive Engineer to be nominated should almost entirely be an inspecting officer and should not be employed more than absolutely necessary in the office of the Chief Engineer for Irrigation.

Statement showing the irrigable ayacut and extent of average cultivation under the irrigation works in minor basins investigated by Tank Restoration Scheme—*cont.*

No.	Minor basin.	District.	Total irrigable ayacut.	Actual cultivation (average).
			ACRES.	ACRES.
10	Sólavandán	Madura	3,820	3,717
11	Palni	Coimbatore and Madura	14,635	12,903
12	Upper Amarávati	Do.	6,563	6,516
13	Nangangiyaur	Do.	1,533	1,491
14	Naleatangi	Do.	478	433
15	Tiruppúr	Coimbatore	920	942
16	Upper Noyil	Do.	10,523	10,464
17	Avanashi	Do.	2,433	2,430
18	Uttukuli	Do.	664	633
19	Satyamangalam	Do.	1,216	1,162
20	Upper Bhaváni	Do.	1,660	1,588
21	Koduveri	Do.	466	479
22	Honhulla	Do.	6,028	6,070
23	Udamalpet	Do.	2,751	2,733
24	Mulanur	Do.	604	609
25	Lower Kodavanaur	Do.	2,443	2,237
26	*Minor drainages, No. 81*	Do.	151	147
27	Alyaur and *Varatar minor basins*	Do.	5,989	6,006
28	Arjunanadi	Tinnevelly and Madura	21,162	21,707
29	Uppathur	Tinnevelly	1,118	1,203
30	Wichabanadi	Do.	14,664	14,702
31	Uppodai	Do.	5,359	5,314
32	Thirumanimuthar	Salem	16,040	14,534
33	Vaniar	Do.	4,272	3,901
34	Pambar	Do.	11,117	10,797
35	Markhandanadi	Do.	2,744	2,658
36	Kávéripatnam	Do.	1,063	1,022
37	Hosúr	Do.	4,542	4,120
38	Kambainellúr	Do.	1,184	1,126
39	Adyar	Madras and Chingleput	25,852	24,637
40	Kovalam	Chingleput	23,910	19,310
41	Red Hills	Do.	53,595	50,045
42	Chambarambakkam	Do.	31,811	31,069
43	Arni river (lower)	Do.	41,667	38,422
44	Do. (upper)	Do.	13,929	13,107
45	Kalinganadi	Do.	4,421	3,862
46	Tiruttani	North Arcot and Chingleput	14,915	15,673
47	Ponnai anicut eastern minor basin	North Arcot	16,061	16,841
48	Amboordrug	Do.	6,171	5,577
49	Gudiyáttam	Do.	3,791	3,302
50	*Vellore*	*North Arcot and Salem*	13,939	15,060
51	*Villupuram*	*South Arcot*	22,120	21,577
52	*Upper Kundaur*	*Kurnool*	1,425	1,346
53	*Káli*	Do.	5,506	4,817
54	*Sirvel*	Do.	4,420	5,005
55	Suravaur	Do.	473	455
56	Koilkuntla	Do.	2,172	2,217
57	Nosam	Do.	1,506	1,534
58	Western Kundaur	Cuddapah	640	486
59	Minor drainages, No. 25	Kurnool	2,135	1,595
60	Do. ,, 29	Do.	137	122
61	Do. ,, 29A	Do.	409	334
62	Dhonavagu	Do.	2,625	1,733
63	Upper Handri	Do.	1,478	1,197
64	Lower do.	Do.	1,336	708
65	Eastern Kundaur	Kurnool and Cuddapah	1,506	1,326
66	Upper Sagiléru	Cuddapah	1,980	1,762
67	Pennér river	Anantapur	1,077	989
68	Gudur	Nellore	8,349	6,575
68 A	Kanupur	Do.	614	519
69	Manubolu	Do.	2,503	1,494
70	Machirla	Kistna	971	966
71	Guruzala	Do.	1,015	968
72	Tadikonda	Do.	919	960
73	Mateswaram	Do.	992	824
74	Vinukonda	Do.	2,093	2,002
75	Chilakalurpad	Do.	2,225	2,293
76	Wadella	Do.	599	568
77	Yedduvagu	Do.	1,156	1,053
78	Guntúr	Do.	2,174	2,120
79	Tammiléru	Gódávari	4,320	3,730
80	Biccavole	Do.	1,997	1,774
81	Kolair	Do.	1,990	1,831
82	Torrigedda	Do.	5,956	5,797
83	Kondakirla	Vizagapatam	1,139	920
84	Lower Varaha	Do.	11,209	10,731
85	Lower Sarada	Do.	8,401	8,339
		Total	599,120	564,322

To The Honourable Sir H. W. Bliss K.C.I.E.

Chief Engineer for Irrigation

STATEMENT II.

Statement of Tank Restoration Scheme investigation.

Year.	Area investigated: During the year.	Area investigated: To end of year.	Number of estimates sanctioned: During the year.	Number of estimates sanctioned: To end of year.	Amount of estimates sanctioned: During the year.	Amount of estimates sanctioned: To end of year.	Balance of sanctioned estimates at end of year.	Estimates submitted but not sanctioned.	Remarks.
	SQ. MILS.	SQ. MILS.			RS.	RS.	RS.	RS.	
1889-90	8,525	20,751	574	1,983	6,07,407	21,26,112	7,62,674	4,62,001	It will be noticed that, on 31st March 1897, there were sanctioned estimates amounting to nearly 6½ lakhs. The allotment for works for the current year is Rs. 3,91,968. As regards passing estimates in the head office endeavours are being made to get through Rs. 40,000 per mensem, but under existing system we are not likely to exceed this by much. The establishment was reduced in October 1895, Overseers and Surveyors being replaced by sub-overseers. The Executive Engineers ceased to have charge of parties between 1893 and 1894.
1890-91	1,482	22,233	576	2,559	7,23,517	28,49,629	9,42,278	1,51,871	
1891-92	2,895	25,128	579	3,138	5,53,572	34,03,201	10,03,543	96,873	
1892-93	1,746	26,874	407	3,545	3,51,920	37,55,121	9,00,662	50,726	
1893-94	2,794	29,668	351	3,896	4,04,025	41,59,146	9,65,539	94,596	
1894-95	1,709	31,377	419	4,315	4,07,047	45,66,193	10,47,393	1,11,441	
1895-96	1,799	33,176	347	4,662	2,77,861	48,44,054	8,49,002	1,22,658	
1896-97	1,011	34,187	200	4,862	1,81,917	50,25,971	* 6,39,237	2,46,839	

*. Statement showing balance of unexecuted Tank Restoration Scheme estimates on 31st March 1897 by districts is appended.

Estimates prepared newly equal column 6, plus increase in column 9.

STATEMENT III.

Statement showing balance of unexecuted Tank Restoration Scheme estimates on 31st March 1897 by districts.

District.	Amount.	Allotments for 1897-98.
	RS.	RS.
Tinnevelly	70,474	50,000
Madura	1,58,947	70,000
Tanjore (Negapatam Division)	39,019	30,000
South Arcot	50,303	50,468
Chingleput	1,49,341	75,000
North Arcot	42,112	40,000
Salem	89,114	50,000
Gódávari	8,841	6,500
Kistna	25,557	20,000
Vizagapatam	1,434	...
Cuddapah	...	...
Kurnool	...	...
Bellary	...	...
Nellore	4,095	...
Total	6,39,237	3,91,968

N.B.—Assuming that estimates to the amount of three-and-a-half lakhs are sanctioned by the head office in the current year on the 31st March 1898 there will be a balance of about five-and-a-half lakhs, assuming an allotment of five lakhs for 1898 and 1899 and outturn at the *present rate* there would be about four lakhs worth of estimates for execution on 31st March 1899. This cutting is rather close as at present, only three parties are working which will not as at present organized turn out more than two-and-a-half lakhs in the year. On the other hand it is undesirable for the investigation to be very much ahead of execution, as this leads to a long lapse of time between preparation of and execution of the work estimated for.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

ORDER—No. 2849 W., dated 11th October 1897.

The Chief Engineer for Irrigation brings to notice that the Tank Restoration Parties, as at present constituted, consist of a Supervisor, four Sub-Overseers and clerks and lascars, over whose work in the field no supervision is exercised, and suggests that a junior Executive Engineer may be attached to the office of the Chief Engineer for Irrigation for the purpose of inspecting the work of each party. His Excellency the Governor in Council approves of the proposal, but considers that the Executive Engineer to be nominated for the duty should almost entirely be an inspecting officer and should not be employed more than absolutely necessary in the office of the Chief Engineer for Irrigation. Early opportunity will be taken to post an officer for the duty in question.

(True Extract.)

Under Secretary to Government.

To the Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. W. D'Moss.

A

From Orders

To ~~The Honourable Sir H. W. Bliss K.C.I.E.~~
~~Mr. Grose C.I.E.~~ P.W. DEPARTMENT.

[40/500]

9 P

Papers to be read in proceedings :—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Current No. 8520 of 1897, dated 19 Augt 1897, from the Chief Engineer for Irrigation
" " " 189 , " "
" " " 189 , " "

Genl Establt

No 2849 W, 11-10-97

ORDER.

The Chief Engineer for Irrigation brings to notice that the Tank Restoration Parties, as at present constituted, consist of a supervisor, 4 sub overseers, and clerks and lascars, over whose work in the field no supervision is exercised, and suggests that a junior Executive Engineer may be attached to the office of the Chief Engineer for Irrigation for the purpose of inspecting the work of each party. His Excellency the Governor-in-Council approves of the proposal, but considers that the Executive Engineer to be nominated for the duty, should almost entirely be an inspecting officer and should not be employed more than absolutely necessary

WS 8/10/97

JG 8/10/97

E W

H.M.K. 10.97 R 9.10.97

in the office of the Chief Engineer for Irrigation. Early opportunity will be taken to post an officer for the duty in question

Maj

Copy 1.10.97.

2/10/97

To

The Chief Engr for Irrigation

" Examiner P. W. Acts

" Revenue Department

26/10/97

E to note.

[43/509]

2849W

Public Works DEPARTMENT.

C. No. 8520 of 1897.

~~HIS EXCELLENCY THE GOVERNOR.~~

~~THE HON'BLE SIR HENRY BLISS, K.C.I.E.~~

~~THE HON'BLE MR. GROSE, C.I.E.~~

SUBJECT.

Inspecting officer for the Tank Restoration parties.

FOR ORDERS.

I think the proposal to appoint an inspecting officer is good as at present the parties each consisting of 1 Supervisor,
4 Sub Overseers,
clerks and lascars,
work without any supervision and the work done by them can only be judged by the plans and estimates they send up to the head office; there is no means of checking their work in the field.

2. A junior Executive Engineer as suggested by the Chief Engineer for Irrigation would do for the post, but I consider that he should be almost entirely an inspecting officer and not be employed more than absolutely necessary in the office of the Chief Engineer for Irrigation.

3. It will be impossible to spare the

The proposal is appd. and it should be carried out as soon as circumstances will permit.

A.G.H.
30.9.97

H.E. 15.9.97 R 30.9.97

the services of any officer for
the post till the present period of
distress is over.

15/9/97

W.

Public Works (1897) Department.

CURRENT No. 8520

Order

From The Chief Engineer
for Irrigation

No. 48 Irr.

Dated 19-8-97

Received 26-8-97

Enclosures 3

Spare copies

SUBJECT.

Tank Restoration Scheme works. Note suggesting with remarks the appointment of a Junior Exe Engr for the supervision of —

W/ Orders
31-8-97

0L3433 R 11/10

BACK PAPERS.

No.	Date.
1391C	11-3-97
768C	6-2-97
2155W	29-8-95
66W.	12-1-95
867W	24-3-91
641W	28-2-90
810W	16-3-89
2936W	5-11-87
1103W	21.4-87
666J	12-7-84
1700W	16-6-83
1378W	11-5-83
143J	12-2-83

FURTHER PAPERS.

No.	Date.

Statement I

PW. 1
8520/57

…tion under the irrigation works in

			extent of	…St.
			7,846	7,497
	…naura	Do.	19,105.	17,170.
10.	Sholavandan	Do.	3,820.	3,717.
11	Palni	Coimbatore & Madura	14,635.	12,903.
12	Upper Amravathy.	Do.	6,563.	6,516.
13.	Nanganjiyaur	Do.	1,533.	1,491.
14	Nallatangi.	Do.	478.	433.
15	Tirupur	Coimbatore	920	942
16	Upper Noyil	Do	10,523.	10,464.
17	Avanashi	Do	2,433.	2,430.
18	Uthukuli	Do	664	633.
19.	Sathiamangalam	Do	1,216.	1,162
20	Upper Bhavani	Do	1,660	1,588.
21	Koduveri	Do	466	479.
22.	Honhulla	Do	6,028	6,070.
23	Udamalpet.	Do.	2,751.	2,733.
24	Mulanur	Do	604	609.
25	Lower Kodavanaur.	Do.	2,443.	2,237
26	Minor Drainages No. 81.	Coimbatore	151	147.
27.	Alyaur & Varattar m. basins	Do	5,989.	6,006
28.	Arjunanadi	Tinnevelly & Madura	21,162	21,707.
29.	Uppathur	Tinnevelly	1,118	1,203
30	Nichabanadi	Do.	14,664	14,702.
31.	Uppodai	Do.	5,359 ~~714~~	5,314 ~~713.~~
32	Thirumanimuthar.	Salem	16,040	14,534
33	Vaniar	Do	4,272 ~~4,165~~	3,901 ~~3,790~~
34	Pambar	Do	~~11,040~~ 11,117.	~~10,668.~~ 10,797.
35	Markhandanadi	Do	2,744	2,658.
36	Kaveripatnam	Do	1,063	1,022
37	Hosur	Do.	4,542	4,120
38	Kambayanallur	Do.	1,184 ~~1,461~~	1,126 ~~454.~~
39	Adyar	Madras & Chengleput	25,852.	24,637.
40.	Kovalam	Chengleput	23,910.	19,310.
41	Red Hills.	Do.	53,595	50,045.
42	Chembarambakkam.	Do.	31,811.	31,069.
43	Arni river (lower)	Do.	41,667. ~~39,349~~	38,422 ~~36,192.~~
44	Arni ~~upper~~ river (upper).	Do.	13,929 ~~10,304~~	13,107 ~~9,793.~~
45	Kaliganadi.	Do.	4,421. ~~3,558.~~	4,862 ~~3,092.~~
46	Tiruttani	N. Arcot & Chengleput	14,915	15,673.
47.	Ponnai Anicut Eastern m.b.	N. Arcot.	16,061.	16,841.
48.	Amboordrug	Do.	6,171 ~~5,944.~~	5,577 ~~5,373.~~
49	Gudiyatham.	Do.	3,781 ~~840.~~	3,302 ~~771.~~
		Carried over	475,564 ~~459,298~~ ~~468,079~~	~~448,595~~ ~~433,208~~ ~~441,497~~

(73 estimates)

		Brought forward.	475564 ~~459298~~	448595 ~~433208~~
50.	Vallore	N. Arcot and Salem	13,939.	15,060.
51	Villupuram.	S. Arcot.	22,120.	21.577.
52.	Upper Kundaur.	Kurnool.	1,425	1,346.
53	Kauli.	Do.	5,506.	4,817.
54.	Siruvall.	Do	4,420.	5,005.
55	Buravaur	Do.	473.	455.
56	Koilkuntla	Do.	2,172.	2,217.
57.	Nossam.	Do.	1,506.	1,534.
58.	Western Kundaur	~~Do~~ Cuddappah	640.	486.
59.	Minor drainages No. 26	Do. Kurnool.	2135.	1,595.
60	Do No. 29.	Do.	137	122.
61	Do. No. 29A.	Do.	409.	334.
62	Dhonavagu	Do.	2625	1,733
63	Upper Hindry	Do.	1,478	1,197.
64	Lower Hindry.	Do.	1,336	708.
65	Eastern Kundaur.	Kurnool & Cuddappah	1506	1,326.
66.	Upper Sagileru	Cuddappah.	1,980.	1762.
67.	Penner river	Anantapur	1,077	989.
68.	Gudur	Nallore	8349. ~~1024~~	6,575. ~~782~~
68	Kanuppir	do	614	519.
69.	Mannbolu	Do.	~~192~~ 2,563.	~~195~~ 1,494.
70	Machvila	Kistna	971.	966.
71	Guruzala.	Do.	1015.	968.
72	Tadikonda	Do.	919.	960.
73.	Mateswaram.	Do.	992.	824.
74.	Vinukonda.	Kistna	2,093.	2,002.
75	Chilakalurpad	Do	2,225.	2,293.
76.	Nadella.	Do	599	568.
77	Yedduvagu	Do	1,156.	1,053.
78.	Guntur.	Do.	2,174.	2120.
79	Tammileru	Godavery	4320.	3,730.
80.	Biccavole	Do	1,997.	1,774.
81.	Kolair	Do	1,990.	1,831.
82	Torrigedda.	Do	5,956.	5,797.
83.	Kondakirla.	Viza~~g~~patam	1139.	920.
84	Lower Varaha.	Do.	11,209.	10,731.
85	Lower Sarada.	Do.	8,401.	8,339.
		Total.	~~572551~~ 599120	~~541324~~ 564,322

W. Hughes

Chief Engineer for Irrign.

Statement II

Statement of Tank Restoration Scheme investigation.

Year	Area inves-tigated		No. of estimates Sanctioned		Amount of estimates Sanctioned		Balance of Sanctioned estimates at end of ~~year~~	Estimates Submitted but not Sanctioned	Remarks.
	During the Year sq. miles	To end of year sq. miles.	During the year	To end of the Year	During the year	To end of year.			
1889-90.	8,525	20,751	574	1,983.	6,07,407	21,26,112.	7,62,674	4,62,001.	It will be noticed that on 31st March 97 there were sanct.d estimates amount.g to nearly 6½ lakhs. The allot.t for works for the current year is 3,91,968 Rs —
1890-91.	1,482.	22,233	576	2,559.	7,23,517.	28,49,629.	9,42,278.	1,51,871.	As regards passing est.es in the Head Office — endeavours are being made to get through 40,000 Rs per mensem but under existing system we are not likely to exceed this
1891-92.	2,895	25,128.	579.	3,138.	5,53,572	34,03,201.	1,003,543	96,873.	
1892-93.	1,746.	26,874.	407.	3,545	3,51,920	37,55,121	900,662	50,726.	
1893-94.	2,794	29,668.	351.	3,896	4,04,025	41,59,146	965,539.	94,596.	
1894-95.	1,709	31,377.	419.	4,315	4,07,047	45,66,193	1,047,393	1,11,441.	
1895-96.	1,799.	33,176	347.	4,662	2,77,861.	48,44,054	849,002	1,22,658.	
1896-97.	1,011	34,187.	200.	4,862.	1,81,917	50,25,971.	~~6,35,142.~~ *6,39,237	2,46,839.	

by much — The establis.t was reduced in Oct. 95 overseers & surveyors being replaced by sub overseers. The Ex: Eng.rs ceased to have charge of parties between 93 & 94.

21/7/82

* Statement shewing balance of unexecuted T. R. S. estimates on 31. 3. 97 by districts is appended.

Estimates prepared nearly equal Col 6 plus increase in Col 9.

W. Hughes
Chief Engineer for Irrign.

Ke.
7.97.

12

8

Statement III.

Statement shewing balance of unexecuted I. R. estimates on 31-3-97 by districts.

District	Amount	Allots for 1897–98.	Remarks.
Tinnevelly	70,474	50,000	N.B. Assuming that estimates to the amount of 3½ lakhs are ~~pass~~ sanctioned by the head office in the current year on the 31st March 1898 there will be a balance of about 5½ lakhs ~~for~~ – assuming an allotment of 5 lakhs for 98–99 and out turn at the present rate there would be about 4 lakhs worth of estimates for execution on 31st March 99 – This is cutting it rather close, as at present only 3 parties are working which will not ~~out~~ as at present organised turn out more than 2½ lakhs in the year – On the other hand it is undesirable for the investigation to be very much ahead of execution as this leads to a long lapse of time between preparation of & execution of the work estimated for
Madura	1,58,947	70,000	
Tanjore (Negapatam Dn)	39,019	30,000	
South Arcot	50,303	50,468	
Chengleput	1,49,341	75,000	
N. Arcot	42,112	40,000	
Salem	89,114	50,000	
Godavary	8,841	6,500	
Kistna	25,557	20,000.	
Vizagapatam	1,434	"	
Cuddappah	"	"	
Kurnool	"	"	
Bellary	"	"	
Nellore	4,095	"	
Total Rs.	6,39,237	3,91,968.	

21/7/97

J M Taylor

Chief Engineer for Irrign.

21.7.97

OW&3
8520(57)

No 48 Ew.

Note by the Chief Engineer for Irrigation.

Ens 3 Statts

The Tank Restoration Scheme (called Tank Maintenance Scheme during the first few years) was started early in 1883 on a system subsequently found to require much modification. At first the ~~Standard~~ Sanctioned Scale of Establishment, which was not however worked up to at once, consisted of a Supg. Engineer and four Parties who were employed at the same time in investigating and carrying out works. Each Party comprised

1 - Executive Engineer
1 - Asst. Engineer
1 - Sub Engineer
1 - Supervisor
4 - Overseers
3 - Surveyors.

with a large number of Draughtsmen, clerks and Lascars. The system of having the investigations and execution done by the same Establishment was found to work badly and involved much waste of power and it was therefore decided (Vide G.O. No * 646. I. d/12th July 1884)

to

* A.G. Read.

to restrict the duties of the Tank Maintenance Parties to investigation.

2. The Government of India having refused a grant for 1887-8, the Tank Divisions were abolished at end of February 1888 but on an allotment of 3 lakhs being subsequently given, they were reorganized in accordance with the orders contained in G.Os No 1103. W. dated 21st April 1887 and No 2936. W. dated 5th November 1887. The Superintending Engineer was not reappointed but instead the Scheme was placed under the direction of the Chief Engineer for Irrigation assisted by an Executive Engineer. There were then, in addition to the Head office establishment, four investigation Parties each comprising, with the additions made from 1st December 1887

1 - Executive Engineer
3 - Upper Subordinates
6 - Surveyors
2 - Draughtsmen
5 - Clerks.
40 - Lascars

with a fifth Party under an Upper Subordinate comprising

1 - Upper Subordinate in charge
2 - Upper Subordinates
4 - Surveyors
1 - Draughtsman
2 - Clerks
34 - Lascars.

It

It is impossible to say what this Establt cost as the members of the permanent Staff of the Department were not charged to the Scheme, and the Lascars were charged to works, not to Establishment.

G.O No 810. W. of 16 March 1889

3. It was soon found that the preparation of Estimates got too far ahead of Execution, the funds for which were limited, and the Chief Engineer for Irrigation therefore proposed in March 1890 that each Party should be gradually reduced to

1 - Overseer
3 - Surveyors

with office and Petty Establishment, that Executive Engineers should have charge of two Parties instead of one, that two Sub Parties should be started in the Godavari District and one in Vizagapatam under charge of the Division officers.

G.O. 641 W. of 28-2-90

4. In the following year a further reduction was decided on and this was effected by abolishing two Parties. The grant for the Scheme remained the same, the saving in Establishment being made available for works - Before this in May 1889, the post of the Chief Engineer's Assistant had been abolished.

G.O. No 867. W. of 24.3.91

5 The next change was the formation of a new Party by the amalgamation of the two Sub Parties which had been working in the Godavery District

G.O. No 2155 W. of 29. 8. 95

6. In 1893 and later, the Executive Engineers were

were removed from charge of Parties and in 1895, the Tank restoration Establishment was made permanent in the interest both of economy and efficiency. The strength was fixed at 5 Parties, each comprising

1 - Supervisor
4 - Sub overseers
Clerks, Lascars &c

The cost exclusive of the Supervisors' pay and of travelling allowances is Rs 37692 per annum, of which Rs 9324 is for the Head office - at present there is one temporary Party extra.

7. The enclosed statements give a fairly correct idea of the progress made. If progress be judged by the acreage under investigated works about 24 per cent of the work has been done.

8. It will be observed from Statement II. that the amount of estimates prepared and sanctioned has been falling off, of late, the estimates prepared having amounted to only about 3 lakhs and the estimates sanctioned fell to under 2 lakhs last year. There are sufficient sanctioned estimates in the hands of Executive Engineers - 60 per cent over the grants at the ~~beginning~~ beginning of the year plus those sanctioned since - and a push is being made to work off those in the office and to bring the publication of Memoirs and Maps more up to

date. As the Chief Engineer for Irrigation cannot take a share in examining hundreds of petty estimates, this work and the supervision of the T. R. S. office devolve on the Assistant to the Chief Engineer for Irrigation, who, without this, has quite enough to occupy the ordinary office hours. Another matter of still greater importance is that the field parties consist of Upper Subordinates and Sub overseers over whom proper direction and supervision cannot be exercised from Madras. An inspecting officer is for many reasons badly wanted. As the works are taken up in groups, he could inspect the work of each Party two or three times a year. Without such inspection it is difficult and often almost impossible to say whether the provisions of estimates are suitable. For the above reasons it is earnestly requested that a junior Executive Engineer may be attached to the office of the Chief Engineer for Irrigation for the Supervision of the T. R. S. work. No more important or necessary work has ever been undertaken by the Department and it will be very unfortunate if it is not done well. It will be very desirable to push on investigation and execution more rapidly

rapidly when Government can provide funds.

Ootacamund
19 August
1897

W. Hughes.

Chief Engineer for Irrign.

To

The Chief Engineer
P. W. D.