Public Works

Marine (1899) Department.

G.O., No. 577 W

DATED 24 Feby '99

28/7/99

[Despatch Abstract.]

Establishment

The temporary — required during 1899-1900, in connection with the preparation of Completion Estimates for the Cauvery Delta ~~system~~ as detailed in the Statement submitted by the Superintending Engineer on special duty, sanctioned.

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Ad 27/2

[M. 5. / 400—23-6-97.]

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 (1899) of Madras.
PUBLIC WORKS.

Recd. } 1899.
Regd.

Enclosures

Spare copies

G.O., No. 577 W., 24th February 1899.

FEBRUARY.

Establishment

The temporary — required, during 1899–1900, in connection with the preparation of completion estimates for the Cauvery delta, as detailed in the statement submitted by the Superintending Engineer on special duty, sanctioned.

AR Dawson

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

From Colonel A. W. SMART, R.E., Superintending Engineer on special duty, Tanjore, to the Chief Engineer, Public Works Department, dated Kumbakónam, 11th January 1899.

I have the honour to forward, herewith, a proposition statement for 1899–1900 for continuing the present establishment, with some re-adjustments, which do not add to the present cost but reduce it by Rs. 1,848 when compared with last year.

Copies of two statements submitted by the Assistant Engineers showing the work proposed to be done during the next year are herewith appended.

With regard to the increase of pay proposed for six peons, I wish to invite your attention to this office No. 839, dated 8th October 1898.

Enclosure.

Statement of Proposition for Revision of Establishment.

Order sanctioning present establishment, Government of Madras, Public Works Department.		Office to which the proposition statement refers.	Nature of changes.														Proposition.					
			Present scale.							Proposed scale.							Permanent.		Temporary.			
No.	Date.		No.	Designation.	Pay.				Total cost.	No.	Designation.	Pay.					Increase per month.	Decrease per month.	Increase per month.		Decrease per month.	
					Minimum.	Increment.	Maximum.	Average or fixed.				Minimum.	Increment.	Maximum.	Average or fixed.	Total cost.	Amount.	Amount.	Period.	Amount.	Period.	Amount.
								RS.	RS.						RS.	RS.				RS.		RS.
G.O. No. 643 W.	10th March 1898.	Office of the Superintending Engineer, Cauvery Completion Estimates, Tanjore.	2	Draftsmen	..	..	..	70	140	2	Draftsmen	..	..	..	70	140	..	..	..	..	..	..
			9	Do.	..	..	..	50	450	9	Do.	..	..	..	50	450	..	..	..	..	..	..
			1	Clerk	..	..	..	50	50	3	Do.	..	..	..	40	120	..	..	..	120	..	..
			3	Clerks	..	..	..	30	90	1	Clerk	..	..	..	50	50	..	..	..	..	..	..
			1	Clerk	..	..	..	20	20	3	Clerks	..	..	..	30	90	..	..	..	..	..	..
			4	Clerks	..	..	..	15	60	1	Clerk	..	..	..	20	20	..	..	..	..	..	..
			1	Surveyor	..	..	..	100	100	6	Clerks	..	..	..	15	90	..	..	..	30	..	..
			9	Surveyors	..	..	..	70	630	4	Do.	..	..	..	12	48	..	..	..	48	..	..
			3	Do.	..	..	..	60	180	6	Attenders	..	..	..	10	60	..	..	..	60	..	..
			10	Sub-Overseers	..	..	..	35	350	1	Surveyor	..	..	..	100	100	..	..	..	..	..	..
			130	Peons	..	..	..	7	910	8	Surveyors	..	..	..	70	560	..	..	..	..	..	70
										1	Surveyor	..	..	..	60	60	..	..	..	..	..	120
										8	Sub-Overseers	..	..	..	35	280	..	..	..	..	..	70
										3	Peons	..	..	..	9	27	..	..	..	27	..	..
										3	Do.	..	..	..	8	24	..	..	..	24	..	..
										101	Do.	..	..	..	7	707	..	..	..	..	..	203
											Total ..	..	..	..	..	2,826	..	..	..	309	..	463
				Total ..	..	..	..	..	2,980		Net decrease per mensem.		..	..	..	..	..	..	..	..	..	154
			173	For 12 months, 1898-99 ..	..	..	..	..	35,760	160	Do. per annum.	..	..	..	..	..	..	..	..	..	..	1,868

Certified that the entries under the head "Present scale" have been duly verified by me.

30th January 1899.

(Signed) E. A. DENNYS,
Examiner, Public Works Accounts, Madras.

To the Examiner, Public Works Accounts, dated 20th January 1899, No. 434 C.

Office-note from the Examiner, Public Works Accounts, dated 31st January 1899, No. 340 B./E.

Returned with the requisite certificate.

ORDER—No. 577 W., dated 24th February 1899.

The temporary establishment required during 1899–1900, in connection with the preparation of completion estimates for the Cauvery delta, as detailed in the statement submitted by the Superintending Engineer on special duty, is sanctioned.

2. This sanction has been registered as Provincial No. 116 W. of 1898–99 and classified as Establishment—Temporary.

(True Extract.)

Under Secretary to Government.

To the Assistant Engineer on special duty, Tanjore.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

Exd. Md. Pahilwan.

Public Works (1899) Department.

CURRENT No. 939

~~The Hon'ble Mr. Arundel C.S.I.~~

A

From

The Examiner P.W. Accounts, Madras & Coorg

48

No. 340 B/E

Dated 31st January 1899.

Received
Registered 1.2.99

Enclosures 3 4

Spare copies

Order No: 577 W of 24.2.99

AA 23.2.99

The temporary establishment required during 1899–1900, in connection with the preparation of completion estimates for the Cauvery delta, as detailed in the statement submitted by the Supdg. Engineer on special duty, is sanctioned.

2. This sanction has been registered as Provincial No: 116 W of 1898-99, and classified as Establishment, Temporary.

AEW 20.2.99.

21/2/99

Note. The cost of the establishment proposed for 1899-1900 is less than that for 1898-99 by Rs. 1848 which

SUBJECT.

Proposition Statement for Temporary Establishment for the Special Supdg. Engr. Tanjore — Return duly checked the —

DC 11/2/99

2 The A.E. on special duty, Tan
" C.E. for Irrigation
" Exar. P.W. Accts

B

Kom. 23.2.98 R 23.2.99.

BACK PAPERS.

No.	Date.

which is made up as follows:-

Increase.

	Rs
3 draftsmen on Rs 40 each —	120
2 clerks on Rs 15 each —	30
4 — do — 12 —	48
6 attenders on Rs 10 each —	60
3 peons on Rs 9 each —	27
3 peons on Rs 8 each —	24
Total Rs	309

Decrease.

1 surveyor on Rs 70 —	70
2 surveyors on Rs 60 each	120
2 Suboverseers on Rs 35 each	70
29 peons on Rs 7 each —	203
Total Rs	463

Net decrease per mensem Rs 154

— Do — per annum Rs 1848

The statements attached to the Supdg. Engineer's letter show the work to be done, and the manner in which the men are to be employed.

ACK
20.2.99.

Cwt
21/2/99
W

May

FURTHER PAPERS.

No.	Date.
434 C & papers	20.7.99 marked thereon

2 Br Statement of proposi

Nature

Order sanctioning present establishment Government of Madras P. W. D	Office to which the proposition statement refers		Present Scale				
				Pay			
Number and date		No.	Designation	Minimum	Increment	Maximum	average / or
~~3292. W. 22nd Decr 1894~~ ~~2566. W. 18th Octr 1895~~ ~~1262. W. 10th apl 1896~~ ~~1316. W 27th " "~~ ~~666. W. 22nd February "~~ ~~1393 W 1st May. "~~ ~~2209 W. 31st July "~~ ~~2373. W. 17th August "~~ ~~2924. W. 12th Octr "~~ ~~3323. W. 19th November "~~ ~~3364. W 24th " "~~ ~~209. W. 21st January 1897~~ ~~722. W. 11th March "~~ ~~2632. W. 21st Septr "~~ 643. W. 10th March 1898	Office of the Superintending Engineer, Cauvery Completion Estimates, Tanjore	2	Draftsmen			✓	Rs 70
		9	D°			✓	50
		1	Clerk			✓	50
		3	D°			✓	30
		1	D°			✓	20
		4	D°			✓	15
		1	Surveyor			✓	100
		9	D°			✓	70
		3	D°			✓	60
		10	Sub-Overseers			✓	35
		130	Peons				7
		173	Total				
			For 12 months 1898/99				

Certified that the entries under the head "present scale" have been d

E. A. Dem

Dated the 189.

~~for~~ Examiner P.W.

O 26/1/99 Re 30/1/99

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EXAMINER
W. ACCOUN
23 JAN. 1899

tion for revision of Establishment

of changes

		Proposed scale						Proposition						
				Pay				Permanent		Temporary				Remarks
xed	Total Cost	No.	Designation	minimum	increment	maximum	otal cost	Increase per month amount	Decrease per month amount	Increase per month Period	Increase per month amount	Decrease per month Period	Decrease per month amount	
	Rs						Rs				Rs		Rs	
	140	2	Draftsmen			✓	40							
	450	9	Do			✓	50							
	50	3	Do			✓	0	-	-	-	120			
	90	1	Clerk			✓	50							
	20	3	Do			✓	0							
	60	1	Do			✓	0							
	100	6	Do			✓	0	-	-	-	30			
	630	4	Do			✓	8	-	-	-	48			
	180	6	Attenders			✓	7	-	-	-	60			
	350	1	Surveyor			✓	00							
	910	8	Surveyors			✓	70	-	-	-	.	-	70	
		1	Do.			✓	0	-	-	.	.	-	120	
	2980	8	Sub-Overseers			✓	0	.	.	-	.	.	70	
	35760	3	Peons			✓	7	-	-	-	27	.	.	
		3	Do			✓	4	-	-	-	24	.	.	
		101	Do			✓	7	-	-	-	-	-	203	
		160					26				309		463	
			Net decrease per mensem										154	
			— do — per annum										1868	

ly verified by me.

Col. R.E.

Superintending Engineer
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dras

EXAMINER,
P. W. ACCOUNTS.
23 JAN. 1899
No.

Cauvery Completion Estimates. Spl. Party.

Work to be done in 1899–1900.

I. Pattukkottai Channel Project:—

(a) Completing and fair Copying plans and Estimates.

(b) Investigating distributaries for direct and Tank Irrigation.

II. Drainages:—

(1) Field work is over, and plotting levels and preparing plans and Estimates for their Improvements have to be done.

III. Ponneri Project. – Work to be done:—

(1) Plotting levels &c already taken;

(2) Taking further levels for forming a tank in Nandyar valley;

(3) Drawing plans of masonry works and preparing Estimates, including fair Copying all plans and papers relating to the Project; and

(4) Investigating distributaries.

Remarks:—

Remarks:-

For the field work as per I (6) and III (2) & (4) 8 Surveyors and 3 Suboverseers would be sufficient. To Complete all plans generally and draw plans of masonry works Connected with the Projects and prepare Estimates, more draftsmen are required. There are now 5 draftsmen, but 3 more men are wanted.

There are now 13 Surveyors and Sub-Overseers working in the party. The effective number now available for work is only 11, one Surveyor and one Sub-Overseer having vacated their appointments recently. As stated in the previous para, 8 Surveyors and 3 Sub-Overseers or 11 men in all would be ample for the field work of 1899-1900; thus one Surveyor and one Sub-Overseer Can be saved, and instead, the 3 additional Draftsmen required Can be entertained. This alteration will result in some saving.

(Signed) T. T. Raghavachariar.
Assistant Engineer

Col. R.E.

12.1.99
Superintending Engineer
on Spl. Duty

OCS 2
539 (5)

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EXAMINER,
P. W. ACCOUNTS
23 JAN. 1899
No.

Explanatory memo

Surveyors and Sub-overseers:- Owing to the abnormal rains of the late North-east monsoon, the Surveyors were unable to do as much field work as was expected of them in the months of October, November and December 18.98. However they were not allowed to waste their time in camps. They were called back to the Head-quarters at every opportunity and employed in retracing the coloured maps of the Vennar Section which was found necessary for taking copies with the Ferro-type. The field work in the Tanjore and Shiyali talugs has been completed; and I hope to be able to finish 160 vattams in the Kumbakonam talug by the end of the current official year. There will then remain

for

for the next year 83 vattams in the Kumbakonam taluq, and 170 in the unfinished — portion of the Nannilam taluq. The Surveyors and Sub-overseers proposed to be retained can finish the fieldwork in 5 months, but it will be necessary to retain them on fieldwork for a month more to enable me to check their fieldwork. They will then be employed till the completion of the Special work of the party on tracing and preparing the index maps &c with the help of the Draftsmen.

Draftsmen:— The draftsmen will be able to finish and retrace the remaining coloured maps of the Vennar Section by the end of the current official year. All the maps of the Cauvery Section except portions of Some of the rivers in Mayaveram, Shiyali and Tanjore taluqs,

the

the drainage maps of the Vettar, Vennar, Vadavar and Pamaniyar, and the irrigation maps of the Vadavar and the upper portions of the Vettar, and Vennar will be left to be done next year. By rough calculation, I find that the maps to be done will take up 600 sheets of tracing of the size required for the ferrotype. A draftsman or a Surveyor has been found to do on the average 2 sheets of tracing a week. To complete the maps in 12 months or 52 weeks, 6 draftsmen will be required. The 4 draftsmen assisted by the 7 men (Surveyors and Sub-overseers) proposed to be retained after the completion of the fieldwork will be able to finish the tracings by the end of December next. During the 3 months, they will be employed in taking ferrotype copies, preparing

the

the index maps and closing the work.

Clerks :- The tabulation and faircopying of an irrigation or drainage account has been found by experience of the work recently done to take a clerk full 2 1/2 months with the assistance of an attender for a month while engaged in the tabulation. There are 48 accounts to be got up. 10 hands will be required to tabulate and complete the accounts in 12 months and 6 attenders to assist them in the tabulation. Setting 2 clerks to attend to correspondence and another for the collection of accounts, I have on the present establishment only 4 clerks available for accounts. I shall therefore require 6 more clerks for the accounts and 6 attenders to assist them

them.

The present establishment costs Rs 1010 a month while the establishment proposed is estimated to cost Rs 902- a month.

Signed / R. Vythinatha Iyr
asst Engineer
on Spl duty.

Col. R. E.,
Superintending Engineer
on Special duty
12. 1. 99.

Pl. 5.3 / ~~[illegible]~~ 155 / 839

Spl Superintending Engineer's of
Cauvery completion Estimate
Kumbakonam dated 11 January 18

EXAMINED
P. W. ACCOUNTS
23 JAN 1899
No.........

~~From~~ y [illegible] with statement

Col. A. W. Smart. R. E.,
Superintending Engineer,
on Special duty, Tanjore

To
The Chief Engineer,
Public Works Department
Madras.

Sir,

I have the honour to forward herewith a proposition Statement for 1899-1900 for continuing the present establish-ment, with some readjustment, ~~made~~, which do not add to the present cost but reduce it by Rs 1848 when compared with last year.

Copies of two Statements submitted by the assistant Engineers showing the work proposed to be done during the next year are herewith appended

appended.

With regard to the increase of pay proposed for 6 peons, I wish to invite your attention to this office No 839 dated 8th October 1898. 8428

8386

I have the honor to be,
Sir
your most obedt Servant

A W Smart Col. R.E.,
Superintending Engineer
on Special duty

PWC.4
435/99

B

Public Works (1899) Department.

EB

CURRENT No. ~~414~~ 939/99

EXAMINER,
P. W. ACCOUNTS
23 JAN. 1899
No.........

No: 434C. d/20th Jany 99

From Col. A. W. Smart R.E. Superintending Engineer on spl. Duty

Order

To
C

For favour of the requisite certificate as regards "Present Scale"

A.C.K.
16-1-99.

No.

Dated 12th January 1899

Received } 16. 1. 99
Registered }

Enclosures 3

Spare copies.

Mis 3 P Dw.

SUBJECT.

Forwards the proposition statement for the revision of Establishment for 1899-1900.

No. 340 B/E dated 31st January 1899.

To

W.

Returned with the requisite -- certificate.

W
31.1.99

C.

J/31/1

HC

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

6P