

Public Works (1896) ^{7/35} Department.

G.O., No. 2374 W.

DATED 17 August 1896

[Despatch Abstract.]

Establishment : The estimated amount of certain temporary — in connection with the investigation of a scheme for utilizing the water from jungle streams for irrigation in the Pattukotta taluk, Negapatnam District, sanctioned.

The entertainment of certain temporary — in connection with the investigation of a scheme for utilizing the water from jungle streams for irrigation in the Pattukóttai taluk, Negapatam division, sanctioned.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From Lieutenant-Colonel C. C. RAWSON, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department (through the Chief Engineer for Irrigation), dated Cuddalore, 27th June 1896, No. 92 W./C.

With reference to the Irrigation Chief Engineer's memo. No. V/3 T.J., dated 6th February 1891, I have the honour to submit, for sanction, enclosed proposition statement for temporary establishment required for investigating the matter of utilizing the water from jungle streams for irrigation in Pattukkóttai taluk, Negapatam division.

2. The report giving details of work proposed to be done and the number of miles to be surveyed, &c., required by Irrigation Chief Engineer's circular memo. No. 22 G., dated 4th August 1893, is also forwarded herewith.

Forwarded to the Chief Engineer, General, Roads and Buildings Branch, with the request that the sanction applied for be obtained.

OOTACAMUND, (Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
2nd July 1896. Chief Engineer for Irrigation.

From the Superintending Engineer, V Circle, dated 6th August 1896, No. 108 W./C.

ORDER—No. 2374 W., dated 17th August 1896.

The entertainment of the undermentioned temporary establishment in connection with the investigation of a scheme for utilizing the water from jungle streams for irrigation in the Pattukkóttai taluk, Negapatam division, is sanctioned :—

	RS.
1 Surveyor on	60 per mensem for six months.
1 " on	70 " " " "
10 Lascars on	6 each per mensem for four months.
1 Draftsman on	30 " " " "

2. This sanction has been registered as Provincial No. 42 W. of 1896-97 and classified as Establishment, Temporary.

(True Extract.)

Under Secretary to Government.

To the Chief Engineer for Irrigation.
" Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.

Exd. Md. Pahlivan.

No. *9282**Camp Cuddalur*
Chopák, 27 June 1896.

From

Lt. Col. C. C. Rawson, R.E.
SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer, P. W. D.,

through,

The Chief Engineer for Irrigation

SIR,

With reference to the Irrigation Chief Engineer's Memo: No. *1/37.9* dated 6 Feb'y 1895, I have the honour to submit for sanction enclosed proposition statement for temporary Establishment required for investigating the matter of utilizing the water from jungle streams for irrigation in Pattukotta taluk, Negapatam Division.

2. The report giving details of work proposed to be done and the number of miles to be surveyed &c, required by Irrigation Chief Engineer's Circular Memo: No. 224 dated 4 August 1895, is also forwarded herewith.

I have &c

C. Rawson
*27.6.96**Lt. Col R.E.*

Superintending Engineer V Circle

Enclosures. 2

1 Report

1 Proposition &c

From

THE SUPERINTENDING ENGINEER,

CHIEF ENGINEER
FOR IRRIGATION.

V CIRCLE,

29 JUN. 96

To

No. 5772

THE

Chief Engineer

P. W. Department.

Thos. The Chief Engineer
for Irrigation

Dated

27

Secre

1896.

Recd.

ENCLOSURES. 2

No. 928

Temporary Establish.

- must require in Reg-

- probam etc

Submit for Sanction

the proposition state

must for -

6088

Sub 2

Recd: 7. 7. 96

20

Forwarded to the Chief
Engineer, General Roads and
Buildings Branch, with the
request that the sanction
applied for be obtained.

~~Amudrah - Amudrah~~

Colonel R.E.

Chief Engineer for Irrig.

Ootacamund }
20 July 1896 }

See 37

OS 20 B

2/7/17 R 11/7

Instructions to Surveyor

(1) Pambattiyar Swis, line of levels to be
run along either of the banks from
Okkur village to the Sea about 15 miles
with cross sections at every 330 ft
The latter should run to show both banks
of the river 50 ft beyond the toes.
Where cross drainages intervene, the
readings on the Longitudinal section
should be taken sufficiently near so as to
show proper sections of the drainages.
The nature of surface and sub soil to
be noted by digging trial pits in this
connection. In the levels of cross
drainages should be taken for about a
mile up their courses and cross
sections at every quarter mile. At each
cross section of the river the ordinary
and maximum flood levels should be
noted as far as possible from local
enquiry and ^{any} marks left by floods
observable. B. M. should be left

on all permanent objects, such as masonry works, Demarcation Stones & close to the line of levels.

2. Narasimha Cavery Run a line of longitudinal section from its head on the left bank of Vellar, 2 miles above Arantangi, to its tail end into the sea about 20 miles with cross sections & as described for Pombathiyas River—
A Survey of the Vellar at site of dam has been taken by the Overseer Arantangi.

Field work

(1) Pombathiyas	15 miles
(2) Vellar	20 do
(3) Narasimha Cavery	20 do
Total	55 miles

Most of the 55 miles being
Levin portion Survey required
for 55 miles at 1 mile per diem = 55 days
55 miles of levels with cross sections

Office work

55 miles plotting & completing in pencil at 1 1/2 miles per diem = 36 2/3 Days

55 miles of levels with cross sections, plotting & complete in pencil at 1 mile per diem = 55

Intra work in plotting cross drainage with cross sections plotting & complete in pencil
Total days 104
4 months 25

Section of both banks at 330 ft each at 2 miles for 3 days 82 1/2

55 miles of check levels at 3 miles per diem 18 2/3

Travelling days and allowance for disturbance by rain, wind & while at field work 20

Intra work for detect levels of cross drainages & marking B. M's, diffing trial pits & 24

Total days 200

Or divided by 25 working months days in a month 200 / 25 = 8

BF 55 day

1 Draftsman for

4 months to complete the drawings

Respectfully
21/5

Incentive higher

Chlamme

27/6/96
Sd/-

Supy. Engineer V Circle

* In the case of appointments on progressive pay, the "average" should be

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

Dated the _____ 189

Examiner, P. W Accounts,

Madras.

Temporary Est^{ts} required
revision of establishment for investigating the jungle streams in
Pattukotta Talug.

CHANGES.		PROPOSITION.												REMARKS.
Proposed scale.		Pay.				Total cost.		Permanent.		Temporary.				
								Increase per month.	Decrease per month.	Increase per month.		Decrease per month.		
										Amount.	Amount.	Period.	Amount.	
No.	Designation.	Mini- mun.	Incre- ment.	Maxi- mum	Aver- age or fixed.*									
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Mon.	Rs.	Mon.	Rs.	
1	Surveyor	.	.	.	60	60	.	.	.	6	360			
1	do	.	.	.	70	70	.	.	.	6	420			
10	Lascars	.	.	.	6	60	.	.	.	4	240			
1	Draftsman	.	.	.	30	30	.	.	.	4	120			
	Contingencies	.	.	.		60	.	.	.		60			
														
TOTAL ..		.	.	.	.	.	.	.	.	1140		1200		

calculated according to the rules in the Pay and Acting allowance code.

C. Lamm
 27.6.96 Lt. Col R.E.
 Executive Engineer
 Supdy. Engineer & Clerk
 Division

Dated the _____ 189

CHIEF ENGINEER
FOR IRRIGATION.
29 JUN. 96
No. 5721

SUPERINTENDING ENGINEER'S OFFICE
CHEPAUK.
18 JUN. 96
No. 21264
P. W. D. 5TH CIRCLE.

SUPERINTENDING ENGINEER'S OFFICE
No. 21264
3 - AUG. 1896
V. CIRCLE, P. W. D., MADRAS.

OWS. 2
6088/56
7135/58

No. 384 P. W.

NOTES.

Reference to P. W. D. Code.

Chapter I, Para. 30.

1. All proposals for changes in the scales of permanent establishments must be accompanied by a statement in Part I of this form when the changes relate to the engineer or upper subordinate establishments and in other cases by a statement in Part II of this form.

2. The column headed "present scale" should invariably show the existing sanctioned scale (not the strength of the establishment as it actually stands at the time), and should be verified by the Examiner before the statements are forwarded to the sanctioning authority.

CHIEF ENGINEER
FOR IRRIGATION.
29 JUN. 96
No. 5721

OWS. 1
6088/56
7135/58

SUPERINTENDING ENGINEER'S OFFICE
No. 1/264
3 - AUG. 1896
V. CIRCLE, P. W. D., MADRAS.

P. W. D. Form No. 11E

500-7-3-1

MADRAS PRESIDENCY.

Part II

Tabular Statement to accompany proposals for changes in establishments.

SUPERINTENDING ENGINEER'S OFFICE
CHEPAUK.
14 JUL. 96
No. 1574
P. W. D. 5TH CIRCLE.

EXECUTIVE ENGINEER

From. M.R.Ry. R.A. Srinivasa Iyengar A. Rai Sahib,
Executive Engineer, Megapattam Division, to
the Superintending Engineer Circle, dated
Vellanganni, $\frac{30}{31}$ -7-1896, No. 3173.E:—

Reference:— your No. 172 R.G., dated 20. July 1896.

Encls:—2.

In returning herewith the enclosures to
your letter under reply, I have the honour to inform
you that the field work will occupy the surveyor
for eight months and that the office work in plotting
the levels in pencil will occupy him for another
four months. The whole work will occupy a surveyor
for 12 months or two surveyors for six months.

No. 1087r

Encls:—2.

1. Proposition etc.

1. Report

2.

Copy submitted to the Chief Engineer P.W.D.
with reference to his Memo: No. 2794 c dated
11. July 1896.

2. The provision of Rs. 60 for contingencies in the
proposition statement has been scored out.

C. Srinivasa
1896
L. S. S. R. E.

6. August 1896.

Superintending Engineer Circle

N^o 2374 W. d/ 17 August 1896

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Suptg. Engineer, V circle, No 92 W d/ 27 June 1896
 Endorsement thereon by the Chief Engineer for Irrigs d/ 2 July 1896
 From the Suptg. Engineer, V circle, No 108 W d/ 6 August 1896

The entertainment of
 the undermentioned temporary
 establishment in connection
 with the investigation of a
 scheme for utilizing the water
 from jungle streams for irri-
 gation in the Pattukotta Taluk,
 Negapatam Division, is sanction-
 ed:-

1. Surveyor on Rs 60 per mensem
for 6 months
1. Do on Rs 70 do
10. Lascars on Rs 6 each per mensem
for 14 months
1. Draftsman on Rs 30 do
2. This sanction has been
registered

From
 The Suptg Engineer
 V circle

Encls 2

To
 The Chief Engineer
 P. W. Department.

Recd: 7.8.96
 Rs 8-8-96

Dated 6th
 Recd. } August 1896.

2374

Encls 2.

2794 d/ 11.7.96

No 108 W

Pattukotta Irrigation.

Submitting Proposition
 Statement for 2 Surveyors
 for 6 Months for taking
 surveys connected with -

B

ack 316. 1/15

Registered as Provincial No.
42 W of 1896-97 and classified
as Establishment, Temporary.

[Signature]
10/8/88

Temporary Survey Establish-
ment for the Pattakotta
Taluk irrigation Scheme
Negapatnam, P.W.

[Signature]
B.M.

[Signature]
27/8/98
To
The Chief Engineer for Irriga-
tion S.R. V. Circle
Exar. P.W. Sects