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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	581 (2)	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	5 - 3 - 1874		195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th March 1874.*

Read the following :—

No. 912.

No. 129. *Note by the Chief Engineer for Irrigation.*

IN many and most districts it will be necessary that District Engineers should have authority to employ Surveyors in connection with the preparation of estimates for the repair of Irrigation Works, and to enable them to attend to the instructions which have been issued

NOTE.—Printed in Proceedings, Madras Government, 19th April 1873, No. 1,135.
Circular No. 20, 23rd Nov. 1870.

" " 48, 21st Dec. 1872.
" " 51, 12th March 1873.
" " 55, 17th Oct. "

from time to time as to the way in which such works should be dealt with, and as the pay of Surveyors and lascars has to be provided before the estimates can be prepared and sanc-

tioned, it becomes necessary to arrange for placing funds at the disposal of District Engineers for this purpose.

2. Expenditure on this account should be recognized as part of the maintenance of the Irrigation Works, and should be met from the grant for that purpose; and I would suggest that this office be authorized to pass expenditure on such survey establishments on the submission by District Engineers of statements showing the works on which it has been employed, and the extent and nature of the work done; and I would suggest that, instead of providing for the adjustment of the charges by entries in the estimates, the expenditure, when passed, should be exhibited in the accounts as for "Irrigation Repair Surveys," when it would of course be deemed as expenditure under Agricultural on works for which no Capital and Revenue Accounts are kept. Unless under special circumstances the strength and cost of each separate party should not be more than the following :—

A Surveyor	...	...	...	...	...	...	Rs. 50
6 Lascars	...	...	...	...	...	...	" 36
Sundries	...	...	...	...	...	...	" 4

Total Rs... 90 per mensem.

3. The work done should be exhibited in the following form, and it should be clearly understood that the full pay of the Surveyor will not be passed unless the work performed is adequate.

Statement of works on which Survey Establishments, chargeable to Irrigation Repair Surveys, were employed during the month of

Range.	Names of Irrigation Works.	IRRIGATION AVERAGE.		WORK PERFORMED.			Particulars of charges shown in Progress Report.
		Area.	Revenue.	Contour levels.	Sections.	Cross Sections.	
		Acres.	Rupees.	Miles.	Miles.	Number.	

*Proceedings of the Madras Government, Public Works Department,
5th March 1874.*

District Engineers before sanctioning the employment of any survey party should require complete instructions to be drawn up for the guidance of the Surveyor, showing what he is to do and the order in which it is to be done, and they should thereafter take care that the employment of any such party is at once discontinued if the particulars of the month's work are unsatisfactory, and are submitted to them without sufficient explanation. Generally sufficient continuous work for a period of three or four months should be provided before a party is organized, and these survey establishments should be employed only during the part of the year when the weather is favourable for such work.

FORT ST. GEORGE, (Signed) J. MULLINS, Lieut.-Colonel, R.E.,
20th December 1873. *Chief Engineer for Irrigation.*

No. 130.

ORDER THEREON, 5th March 1874, No. 581.

IRRIGATION, No. 12.

His Excellency the Governor in Council declines to entertain these proposals. It appears to him that the object the Chief Engineer has in view will be sufficiently attained by his judicious exercise, on his own responsibility, of the extensive powers already committed to him by Clause VI. of paragraph 1 of Chapter XXIV. of the Public Works Code.
(True Extract.)

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

To the Chief Engineer, for Irrigation.

Exl. S. T. Austin.

Spare Copies

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Govt. of 1874 Madras.
PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR IRRIGATION.

Dated March 5th.

Recd.

Encl.

G. O., 5th March 1874, No. 581.

MARCH

Nos. 129-130

Irrigation Works.—Pursing orders on Note by the Chief Engineer for Irrigation on the subject of the employment of Surveyors in connection with the preparation of estimates for the repair of Irrigation Works.

No 912.

Note by the Chief Engineer for Irrigation

In many and most Districts it will be necessary that District Engineers should have authority to employ Surveyors in connection with the preparation of estimates for the repair of Irrigation works, and to enable them to attend to the instructions which

Note printed in P.M.G. have been issued from 19th April 1873 - 1st 1135- Circular No 20 - 23. Nov 1870 time to time as to 48 - 21 Dec 1872 the way in which 57 - 12 March 1873 such works should be dealt with, and as the pay of Surveyors and Lascars has to be provided before the estimates can be prepared and sanctioned, it becomes necessary to arrange for placing funds at the disposal of District Engineers for this purpose.

2. Expenditure on this account should be recognized as part of the maintenance of the

the irrigation works, and should be met from the grant for that purpose, and I would suggest that this office be authorized to pass expenditure on such survey establishments on the submission by the District Engineer of statements showing the works in which it has been employed, and the extent and nature of the work done, and I would suggest that, instead of providing for the adjustment of the charges by entries in the estimates, the expenditure when passed should be exhibited in the accounts as for "Irrigation repair surveys" when it would of course be deemed as expenditure under Agricultural or works for which no Capital & Revenue accounts are kept. Unless under special circumstances the strength and cost of each separate party should not be

be more than the following:

A Surveyor Rupees 50
6 Lascars . 36
Landries . 4

Total Rupees 90 per mensem

3. The work done should be exhibited in the following form, and it should be clearly understood that the full pay of the Surveyor will not be passed unless the work performed is adequate.

Statement of works in which Survey Establishments, chargeable to Irrigation repair surveys, were employed during the month of

Range	Names of irrigation works	Irrigation average		Work performed						Particulars of charges shown in Progress Report
		Area acres	Revenue Rupees	Contours level miles	Section miles	Crops sections number				

District Engineer before sanctioning the employment of any Survey party should require complete instructions to be drawn up for the guidance of the Surveyor, showing what

he is to do and the order
in which it is to be done,
and they should thereafter
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at once discontinued if the
particulars of the month's
work are unsatisfactory, and
are submitted to them with-
out sufficient explanation.
Generally sufficient continuous
work for a period of 3
or 4 months should be pro-
vided before a party is
organized and these sur-
vey establishments should
be employed only during the
part of the year when the
weather is favorable for such
work.

Fort George 3 Wm. L. L. L.
20 December 1873.

Chief Engineer for Irrigation

The Secretary to Govt

Wm. L.

Public Works Department

Proceedings of the Madras Government
(Read the following

From the Chief Engineer -
for Irrigation.

679. E. 4^a 912 2/20th Decr/73/

C. W. 1873 Recharty
March 20 1873
The Cheek & Co.
for migration
The Secretary to
Govt. P. M. R.

- 12912

Dated 20th
Decr 24th, Decr 1873

N^o 581-5 "Monte" 74.

State in the
subject of employ-
ing R. B. S. to
employ lawyers
in connection with
the prosecution of
the case. The
estimate for the
same is \$100.00
per month.

24 129

A.C. 26.1-160227.4
 160227.4
 160227.4

I am not prepared to
pass an order in these
general terms for an ex-
penditure which may
become exceedingly heavy
as a whole.

The cost of survey is
part of each project & should
be debited to the project
as I fancy it now done
and I see no reason why
erroneous sanction should
be obtained for these prelimi-
nary expenses.

minor expenses
It has been in course
but the Ch. L. of Am. old
State a limit of expenditure
expected - You are also
very attractive & in
the State - the

His Excellency the Governor in Council is pleased to approve of the proposals made by the Chief Engineer for Irrigation for the employment of Surveyors to collect the information necessary for dealing more systematically with the maintenance of irrigation works, and to sanction experimentally until the close of the year 1874-75 the expenditure by

by District Surinam
of as many survey
parties as they
may require, sub-
ject to the condi-
tions and precau-
tions laid down
in the Chief Surinam
Note

2. Charges on ac-
count of survey par-
ties for the purpose
here referred to will
be debited to the
Agricultural Relief
Grant, and will
be paid by the
Controller of P.W.
Accounts on the
receipt from large
pieces of bills
countered by
the Chief Surinam
for irrigation, which
should be transmitt-
ed for that purpose
monthly

These the disbursement
is the proposal to
have a new change
of the

Under this the circulation
Lafford Col. His letter
nation. The Code allows
of sanction of survey of the
rial project - but not
entirely & this general
license - which is
an estimate of old
Col. His proposal probably
was not

These surveys will,
I am sure be
true economy - by
ensuring repairs being
undertaken by the
municipality & throughly.
But I think there
should be a limit to

to the Surinam & the monthly with the
statement prescribed
in the form with in para 3 of it
of an annual statement
specific Budget of the
allotment or
in the other in
Venice form -

Without some further explanation
as to what is the present
system - and why a
change is proposed, - I cannot
give any opinion - I am I think
have thought however that the
proposed change was necessary,
the said change while it is useful
the District Surinam
the Controller of P.W.

My. 22/12/73
J.M.

ment, will gradually be
come easier to him.

3. Surveyors for preparation
tion of Migration Estimate.

Our impression that
Surveyors are already
maintained in the State
blishment of each Adm.
District is erroneous. They
have to be specially ap-
plied for.

It appears to me that
Col. Mullins need I have
already by clause VI of
para 1. of Chapter VIII of
the Pub. Wks. Code. &c. The
power, to annation all that
he wants. But he wishes
to put the whole thing
into more systematic form.

Perhaps it may do to

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refer him to that Chapter,
and throw on himself
the responsibility of us-
ing the powers already
committed to him -

Yours sincerely
Wm. Walker

Chas. A.

Wm. Walker

J. H. D. Pl.
581

Proceedings of the Madras Government.

Under date 11th January 1874.

Read the following

From the Chief Engineer
for Irrigation.

(For order No 912 of 20 December 1873)

MOB
31/11

This Excellency
the Governor in Council
declines to entertain these
proposals. It appears to
him that the object the
Chief Engineer has in
view will be sufficiently
attained by his judicious
exercise, on his own res-
ponsibility, of the extensive
powers already committed
to him by Clause VI of
paragraph

paragraph 1 of Chapter XXIV
of the Public Works Code.
G.M.

10

10

Chief Engineer for Dr.

Despatch B-19/3/74

To all Dist Engineers
Dated 29/6/74

129-130

6th Aug/74 Dr. 2nd Sub 174

Apr 697³
Govt. of 1874 Madras.

PUBLIC WORKS.

To the ^{Star}Chief Engineer for
Irrigation

Dated

Recd.

Encl.

G. O. 5th March No. 581.

No. 1294130

Irrigation works. Papering
Orders on note by the Chief
Eng for Eng^r on the subject
of the employment of barrowers
in connection with the pre-
paration of estimates for the
repair of Irrigation Works.