

CN^o 236

Govt. of Madras.

PUBLIC WORKS.

Dated

Recd.

Encl.

G.O. 29. March 1895 No. 791 W.

Survey Establishment

Re - required to complete
map of the Kistna
delta, sanctioned for a
period six months.

16.4.95 INDEX D.
29/3

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From C. A. SMITH, Esq., Executive Engineer, Kistna Eastern Division, to the Superintending Engineer, II Circle, dated 17th February 1895, No. 5190.

With reference to your No. 1304 K.S., dated 10th September 1894, calling for a complete map of the delta, I have the honour to bring to your notice that I have recently found out that some of the old surveys which we have hitherto assumed to be correct and from which the skeleton map of the delta has been framed do not appear to be accurate, and, in order to ensure the revised map being correct, it is advisable to resurvey many of the main canals and drainages.

2. Up to date attempts have been made to complete the work by means of the existing establishment; but as the subordinates can only take up this work on the rare occasions when they have nothing more important to do, the completion of the map seems likely to be delayed for an indefinite period.

3. I have therefore the honour to forward an estimate for a surveyor and necessary lascars for six months, and by employing this establishment on nothing else, I hope to be able to complete a really correct map within that period.

4. The Chief Engineer for Irrigation remarked recently on your inspection notes that, if necessary, an extra draftsman might be asked for, but as I have pointed out above it is the out-door work which has to be done.

5. The complete map is very badly wanted and I trust therefore that you will be able to obtain sanction for the establishment now asked for.

No. 2724 K.S.

Forwarded to the Chief Engineer for Irrigation with a strong recommendation that the establishment asked for be sanctioned at a very early date. The Kistna delta divisions are both very deficient in accurate maps and, unless a special establishment can be employed for the field work, there is no hope of getting the maps completed speedily or accurately.

2. In the event of its being necessary to revise the project estimates, which will almost certainly be the case, correct maps are essential.

4th March 1895. (Signed) W. L. C. BADDELEY, Major, R.E.,
Superintending Engineer, II Circle.

From Major W. L. C. BADDELEY, R.E., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated Bezvada, 13th March 1895, No. 2822 K.S.

In reference to your No. II/31 K.S., dated 8th March 1895, I have the honour to inform you that the following sketch maps are in course of preparation for the Eastern and Western divisions of the Kistna :—

Map showing areas irrigated and available for irrigation, scale 1" = 1 mile.

Map showing the canals, channels, &c., scale 1" = 1 mile, and lists of component works.

2. The preparation of these maps does not require any work that cannot be done by ordinary surveyors. In the Western delta the maps are nearly ready, but in the Eastern division there is a difficulty owing to the village maps not being always available and, in some cases, owing to incomplete registers of lands. If the establishment asked for by the Executive Engineer (*vide* this office endorsement No. 2724 K.S., dated 4th instant) be sanctioned, I hope to be able to get the maps ready in six months. The principle on which the work is being conducted is to use, as far as possible, the taluk and village maps, but at the same time there is a great deal of field work to be done.

No. 20 E.W.

Forwarded to the Chief Engineer, Public Works Department, with a recommendation that the sanction of Government may be obtained to the employment of the surveyor and lascars applied for.

CHERPÁK,
20th March 1895.

(Signed) W. B. DEWINTON,
for Chief Engineer for Irrigation.

ORDER—dated 29th March 1895, No. 791 W., Public Works.

The establishment is sanctioned for a period of six months as proposed by the Superintending Engineer.

2. This sanction has been registered as Provincial No. 80 W. of 1894-95 and classified as Establishment, Temporary.

(True Extract.)

Under Secy. to Govt., P.W.D.

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

GENERAL
ESTABLISHMENT.

Govt. of {1895} Madras.

PUBLIC WORKS.

Dated March, 29th.

Recd.

Encl.

G.O., 29th Mar. 1895, No. 791 W.

MARCH.

Survey Establishment

The — required to complete the map of the Kistna delta, sanctioned for a period of six months.

Letter from L. R. Smith Esquire,
Incentive Engineer, Krishna Eastern D., to
the Supg Engineer, 2nd Circle, dated
17th Feb 1895. No. 5190.

With reference to your No. $\frac{1304 \text{ K.S.}}{10.7.94}$
calling for a complete map of the
Delta, I have the honour to bring
to your notice that I have recently
found out that some of the old Sur-
veys which we have hitherto assumed
to be correct and from which the
sketch map of the Delta has been
framed do not appear to be accurate
and in order to ensure the revised
map being correct it is advisable
to resurvey many of the main Canals
and Drainages.

2. Up to date attempts have been
made to complete the work by
means of the existing establishment
but as the Subordinates, can only
take up this work on the rare occa-
sions when they have nothing more
important to do; the completion of
the map seems likely to be delayed
for an indefinite period.

3. I have therefore the honour
to forward an estimate for a
surveyor and necessary horses
for

for 6 months and by employing
this establishment on nothing else
I hope to be able to complete a
really correct map within that period.

4. The Chief Engineer for Irrigation
remarked recently on your inspection
notes that if necessary an extra
drafter might be asked for
but as I have pointed out above
it is the outdoor work which has
to be done.

5. The complete map is very badly
wanted and I trust, therefore,
that you will be able to obtain
sanction for the establishment
now asked for.

No 2724 MS
4.3.95

Forwarded to the
Chief Engineer for Irrigation with
a strong recommendation that the
establishment asked for be sanctioned
at a very early date. The Krishna
Delta Divisions are both very
deficient in accurate maps and
unless a special establishment
can be employed for the field work
there is no hope of getting the maps
completed

SSi maps
for Sep 94
vide memo
15/9/95
6/3

Completed speedily or accurately
2. In the event of its being ne-
cessary to revise the present es-
timates, which will almost certainly
be the case, correct maps are
essential.

W. B. B. B.
Major R. B.
Supg. Engineer,
Dist. Circle



From
The Supy Engineer
Second Circle

To The Chief Engineer
For Irrigation

Dated 4th March 1895

Encls 1

No 2724 NS

Survey Establishment
required for completing
the Krishna Delta maps
— Submitting for
sanction an estimate for
— with remarks

No. 2822 NS

Superintending Engineer's Office,

Berjwada

II CIRCLE,

Dated 13th March 1895

From,

Major W. L. C. Baddeley Esq. R.E.,
Superintending Engineer,

II Circle.

To,

The Chief Engineer,
For Irrigation,
Madras.

Sir,

In reference to your No. II/31 NS. d. 18th March 1895 I have the honour to inform you that the following sketch maps are in course of preparation for the Eastern and Western Divisions of the Krishna.

Map showing areas irrigated and available for irrigation
Scale 1" = 1 mile.

Map showing the Canals, Channels &c Scale 1" = 1 mile; and lists of Component works.

2. The preparation of these maps does not require any work that cannot be done by ordinary Surveyors

Surveyors. In the Western Delta
the maps are nearly ready, but
in the Eastern D^o there is a
difficulty owing to the village
maps not being always avail-
able, and in some cases owing
to incomplete registers of lands.

If the establishment asked for
by the W. Engineer (Vide this
Office Encl. 2724 H.S. d, 4th Inst.)
be sanctioned, I hope to be
able to get the maps ready
in six months. The principle
on which the work is being
conducted, is to use, as far as
possible, the taluk and village
maps but at the same time
there is a great deal of field
work to be done.

I am, Sir,

Your most obedient servant,

W. B. Baddley Major R.E.

Superintendent, D. District

From



The Supergr
H Circle

To

The Chief Engineer
for Irrigation
S.W.D.
Madras.

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23/0/85

No 2822 MS

Dated 13 March 1895

Survey of the Krishna Delta
— Reports on the
way of taking up the —

From,

The Superintending Engineer,
H Circle.

To,

The

Dated

Received

18

Enclosures.

NO.

SUBJECT.

From Superintending Engineer 2 Circle, No 2724 MS 4.3.95
To Do Do 31 MS. 8.3.95
From Do Do 2822 MS. 13.3.95

No 206w

40

Forwarded to the Chief Engineer
J. W. D., with a recommendation that the
sanction of Government may be obtained
to the employment of the Surveyors and
lascars applied for.

W. H. B. W. H. B.

Chepak 3 for Chief Engineer for Irrig.
20 March 1895

MS
A

From

The Chief Engineer
for living water

Encls 4

Dec: 23. 3. 95

The Chief Engineer
P.W.D

No. 5815 of 12-3-95

to Mr. W.

Dated 20. 3. 95

Encls: 3

Subject:

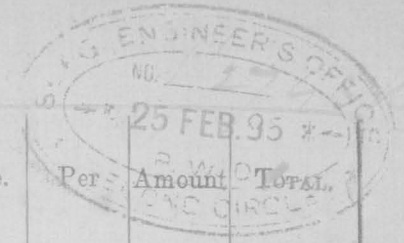
Forwarding letter from
the Supt. Engineer & Officer
with a recommendation
that the sanction may
be obtained to the
employment of the
Surveyor & Assistant
officer for

Memo

With reference to
endorsement, No. 2724 H.S.,
of 4th inst, from the
Supt. Engr. D. C. C. The
undersigned has the
honour to say that he
should like to know
on what principle the
Supt. Engr. proposes to
have the survey therein
proposed taken. It
would appear that a
Trigonometrical survey
would be wanted to
furnish a skeleton for
the details, which may
be put ⁱⁿ by traversing.
This being the case who
is to carry out the
triangulation? It would
require a more competent
man than an ordinary
surveyor to do it, for
it must be done with
thorough accuracy. if
done at all. W.D.
8.3

The Supt. Engr.
D. C. C.
Accd
- 7/3

ESTIMATE FORM.—Abstract.



Quantity	Description of Work.	Rate.	Per	Amount	Total
1	2	3	4	5	6
		RS.		RS.	RS.
1	Surveyor for six months	60-0-0 9 months		360	
6	Laos cars for - do -	6-0-0 9 months		216	
	4 lags and pegs for survey lines	" "		24	
				400	
				600	
W. B. Baddley					
Super. Engr.					
Supt. Engineer					
Grand Total of Estimate				Rs 400	600

STATION _____
Dated _____ 189 _____

Alm
Executive Engineer
R. L. Castro

15-2-95

791W

2310/55



P. W. D. FORM,
No. M 207.

CIRCLE— *Second*
DIVISION— *Coastal Division*
DISTRICT— *Kistna*
TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work— *Estimate for
Surveying Establishment for
Completing the Delta Map of the
Kistna Coastal Division*

Amount of Estimate, Rs.— *100 000*

To be carried out by— *L. D. W.*

REFERENCES.

N 791 W dated 29 March 1895

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

*Endorsement by the Supt. Engineer
II Circle on letter from the
Engineer Kistna Eastern Division
N 5190 dated 17 Feb 1895. (H.E. N 2724 K.S. d/14 March/95)
Letter from the S.E. II Circle (" 2822 K.S. d/13 " ")
Endorsement thereon by the C.E. (" 20 E.S. d/20 " ")*

*The establishment
is sanctioned for a period
of six months as proposed
by the Supt. Engineer
2. This sanction has been
registered as Provincial
N 80 W of 1894-95 and
classified as Establish-
ment, Temporary.*

DESPATCHED
8 MAY 95
6-4-95

*S. E. II Circle
Ex P. W. A. S.
C. E. P. S.*

*Certified
25/3/95
L. D. W.*

H.

Temporary establishment
for survey work in the
Kistna Delta.

B

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