

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1342 (9)	Press ~~Mis.~~
Dated 19-4-	1877.

Not to be folded or roughly handled

16

No. 455. Read the following letter from Major J. O. HASTED, R.E., Superintending Engineer, Kistna District, to the Chief Engineer for Irrigation, dated Masulipatam, 22nd March 1877, No. 187 :—

WITH reference to your memorandum No. 10 K.S., dated 14th instant, I have the honor to submit, herewith, estimates
Two Estimates. Return requested when sanctioned. for Survey Establishment required next year in supersession of that referred to.

2. The estimate for river survey, amounting to Rupees 1,000, I am unable to give details for, and therefore I have entered a sum of Rupees 20 for each mile to be surveyed. This year I was able to employ an officer for a time on Survey duties, and he completed 10 miles of river survey; I was also able to provide lascars from the permanent establishment. The only charges therefore were providing a boat and crew, fixing stations, &c. Next year I shall, if possible, employ the permanent establishment, but, in addition to sundry charges, I may have to provide lascars at times, and as I am unable to estimate the necessary outlay accurately, I have simply asked for 20 Rupees a mile of river to be surveyed.

3. The other estimate, amounting to Rupees 840, is for the delta project work. I find that although the project may be considered completed, there are frequent references made, and as works are taken up there will be a great deal of work to do in copying sanctioned plans and estimates and altering or revising them in accordance with instructions, which the permanent establishment is quite unable to do, and I am therefore compelled to ask for assistance.

No. 456. ORDER THEREON, 19th April 1877, No. 1,342.

IRRIGATION, No. 43.

Establishment.

THE following sanctions are given against the provision for temporary Survey Establishment in the Budget of 1877-78, Preliminary Issue :—

Ordinary Agricultural.

River Conservancy.

No. 18-I of 1877-78.

Survey of Kistna River below Anicut.

Estimate Rupees 1,000.

By Department Public Works.

Turner

Proceedings of the Madras Government, Public Works Department,
19th April 1877. No. 1,342.

No. 19-1 of 1877-78.
Irrigation.
Capital Ordinary.
Kistna Delta System—
Establishment for work connected with the completion Estimates.
Estimate Rupees 840.
By Department Public Works.
(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

Superintending Engineer, Kistna, with two Estimates
Collector of the Kistna District.
Chief Engineer for Irrigation.
Examiner of Public Works Accounts.
Revenue Department.

Establishment. No. 18.

Supg. Engr. Office Kistna
Manuscript
22nd March 1877.

From:

Major J. O. Hasted R.E.

Supg. Engineer, Kistna District.

To,

Lieut. Col. John Mullins R.E.

Chief Engineer for Irrigation

Sir,

With reference to your memo

No. 10 R. S. dated 14th instant, I

Enclosed

Estimates have the honor to submit herewith

Return

Requested

Sanctioned

estimates, for Survey establishment
required next year in supersession
of that referred to.

2. The estimate for River Survey, amount-
ing to Rupees 1000, I am unable to give
details for, and therefore I have entered
a sum of Rs 20, for each mile to be
surveyed. This year, I was able to
employ an officer for a time on Survey
duties, and he completed 10 miles of river
Survey

Survey, I was also able to provide horses
from the permanent establishment,
the only charges therefore were providing
a boat and crew, fixing stations &c. &c.
Next year I shall, if possible, employ
the permanent establishment, but
in addition to sundry charges, I may
have to provide horses at times,
and as I am unable to estimate
the necessary outlay accurately, I have
simply asked for 20 Rupees a mile of
River to be surveyed.

3. The other estimate amounting to
Rs. 840, is for the Delta Project work.

I find that although the Project may
be considered completed, there are
frequent references made, and as
works are taken up, there will be a
great deal of work to do in copying
sanctioned plans and estimates, & altering
or revising them, in accordance with
instructions

28
instructions, which the permanent
establishment is quite unable to do,
and I am therefore compelled to ask
for assistance.

I have the honor to be

Sir,

Yours most Obedt Servt

J. H. Arthur Major R.E.

Staff Engineer, District.

Belga

Compd
H. H. H.

Establishment
17 APR 77
3931
135H

The Superintending Engineer
Kistna

To The Chief Engineer
for Irrigation

Dated 22nd March 1877.
Received

No 187
Enclosures 2.

Survey Establishment for
1877-78
submit estimates
required for
with certain explanation

Given to Mr
Bennet

21/4

By 19 April 1877 L.B. No 455

Ch 13. 4. 77

Form No. 22.

No 1342

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the

Read the following:

From the Super. Engr, Kistna - (No. 187. of 22nd March 1877)

The following sanc-
tions are given against
the provision for Tem-
porary Survey Estab-
lishment in the Bud-
get of 1877-78. Preliminary
Issue.

Ordinary Agricultural
River Conservancy.

No 181 of
77-78 Survey of Kistna River
below Anicut.

Estimate Rupees 1000.
By D.P.W.

Irrigation

Ordinary

Capital system

Kistna Delta

No 19 of
77-78

Attachment for work connected with the
completion of estimates

Jan 11/4

The following are the names of the persons who have been appointed to the various committees of the Convention, and the names of the persons who have been appointed to the various committees of the Convention, and the names of the persons who have been appointed to the various committees of the Convention.

Section 1

1871
 1872

1. *Handwritten signature*
 2. *Handwritten signature*

uniquely

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Journal of Management Studies, 19(6), 701-718.

S. f. - Kistner's 2 Eastern

Ch. for S. 1

E. A. A.

Recd Sept 1

Dr. 7-5-77

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Gt. of 1877 Madras.

PUBLIC WORKS.

To

926
The S. B. Krishna

Dated

Issued

Recd.

Encl.

G. O., 19th April 1877, No. 1342

Nos. 455-456

Survey Establishments
for the Krishna District
during 1877-78. Sanctioned

Sanctioned by P. G.