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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	2694	Press.
B.P. No.		Mis.
Dated	10.9.1877	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

10th September 1877, No. 2,694.

Famine Relief.

Read the following paper :—

No. 167. Proceedings of the Board of Revenue, dated 30th July 1877, No. 3,542.

Read the following letter from C. J. KNOX, Esq., Special Assistant Collector in charge, Kurnool, to C. A. GALTON, Esq., Acting Secretary to the Board of Revenue, dated 12th July 1877, No. 659.

I HAVE the honor to submit for the sanction of the Board the marginally

1. Constructing three additional arches across Nallavagu, for Rupees 2,110.
2. Constructing bridge of three arches across Vadduvagu, for Rupees 3,510.

noted estimates for two masonry works required on Trunk Road No. XVII, between Ayalur and Cuddapah frontier, which is now under repair as a Famine Relief Work.

2. The works will be executed by the Public Works Department, and the necessity for them is explained in a report accompanying the estimates.

SUBMITTED for the orders of Government.

2. The estimates are within the competence of the Board to sanction, but they doubt whether masonry works of such magnitude, which, though no doubt useful, are not absolutely necessary nor suitable for relief labor, should be undertaken from Famine Funds. The authority conveyed by G.O., dated 7th April 1877, No. 1,366-A, does not appear to extend to such works as these.

(A true Copy and Extract.)

(Signed) C. A. GALTON,
Acting Secretary.

Transferred to the Public Works Department.

1st August 1877.

(Signed) J. H. GARSTIN,
Additional Secretary to Government.

No. 167-A.

No. 2,334.

MEMORANDUM.

ENDORSEMENT of the Revenue Department, dated 1st August 1877, on Proceedings of the Board of Revenue, dated 30th July 1877, No. 3,542.

The bridge of three arches of 20 feet span and the enlargement of the four-arched bridge on Trunk Road No. XVII in the Kurnool District are necessary works, for, the soil being black cotton, the nullahs must be impassable long after the floods have subsided, which is not the case where the nullahs have sandy beds.

2. The drainage area is not given in either case, but the waterway of the three-arched bridge is stated to be largely in excess of the sectional area of the nullah when in flood; and the additions proposed to be made to the four-arched

bridge will more than double its waterway. The depth of the foundations of the three-arched bridge should be increased one foot, so that they may not merely rest on the surface of the clay, which is stated to be 8 feet below the nullah bed.

3. No survey of the river is given, and it cannot be seen whether the estimate allows for a sufficient quantity of earth being cut away to allow of the stream flowing fairly through the additional arches of the four-vent bridge.

4. The specification should have described the composition of the concrete and how it was to be placed in the foundations.

5. The papers forwarded do not give all necessary information. The District Engineer's attention should be called to G.O., No. 1,300, dated 28th April 1868, and No. 2,427, dated 15th October 1872, paragraph 3a. Detailed report with detailed calculations as to drainage area, rainfall, flood discharge at bridge site, should have accompanied these papers, together with a sketch survey showing catchment basin of river, and that of stored water, with section of the river at site and area of discharge at highest flood, cross sections at two points above and below the bridge site, and longitudinal section of bed level of the river at least a mile above and below the site. Sections of trial pits for foundations and the nature of soil met with and that on which the foundations are to rest should be reported on.

FORT ST. GEORGE,
18th August 1877.

(Signed) E. A. FOORD, Colonel, R.E.,
Chief Engineer, P.W.D.

To the Secretary to Government, Revenue Department,
with papers in original.

No. 168.

ORDER THEREON, 10th September 1877, No. 2,694.

Miscellaneous.

THE Collector will report whether
work of the kind specified in the estimate
is needed for famine relief purposes.

(True Extract.)

(Signed) J. H. GARSTIN,
Additional Secretary to Government.

To the Collector of Karnool, with four enclosures.
„ the Board of Revenue.
„ the Public Works Department.
„ the Financial Department.

Exd. A. Raitt.

2694
2

Kurnool Rev. Sept 1877

No 3542

Pro. of the H. of Res.
of 30th July 1877.

Read the following

No 659.

From The Spl. Spl. to the
in the Kurnool

To The Secretary to the
H. of Res.

Sir, I have the honor

to submit for the consideration of the Board the

cause 3 adol arches marginally
across Vallavayen noted later
for Rs 2110.

2 do bridge of 3 arches makes for two
across Vadderuagu masonry works
for Rs 3570.

required on

Trunk Road No XVII

Oct. 11 1877

REVENUE.

TO THE COLLECTOR, KURNOL.

Date September 10th.

Issued to MS.

Printed 11th.

Book

End

GOVERNMENT OF INDIA, N. 2. 2. 1.

REVENUE.

No. 167-168.

SEVENTH VOLUME, No. 1786.

Enlargement of a Bridge on Trunk Road, No. 17,
between Agiler and the Giddipah Junction, in
Kurnool District.—Requesting the Collector to
report whether the work contemplated will be
is needed for Public Road purposes.

between Sylhet & Lud.
Dapah frontier which
is now under repair as a
Famine Relief work.

2. The works will be
executed by the D.P.W.
& the necessity for them
is explained in a report
accompanying the estimates.

Thumool to this I have an
Office 19th July 1877 } (sd) C. J. Knop.
Spl. Spl. Coltr.

Submitted for the
orders of Govt.

2. The estimates are
within the competence
of the Hd to sanction, but
they cannot be taken on
any works of such a

magnitude, which tho
no doubt useful are
not absolutely necessary
nor suitable for setting
labour, should be an-
dertaken from famine
funds. The authority con-
veyed by G.O. 77 to Spl
No 1366A does not appear
to extend to such works
as these.

(True copy & etc.)

C. J. Knop
Secretary.

Los The Adol. Secy to Govt. & D
with 4 Encls to be retd.

E. B.

Public Works Dept

Fort Saint George

18th August 1877

Memorandum.

Enlargement of the Revenue Depart-
ment dated 1st August 1877 in Proceedings of
the Board of Revenue N^o 3542 d/30th July 1877.

The bridge of three arches of 20 ft.
span and the enlargement of the four
arched bridge on Trunk road N^o XVIII in
the Munnool District are necessary works,
for the soil being black cotton the nullahs
must be impassable long after the floods
have subsided which is not the case where
the nullahs have sandy beds.

2. The drainage area is not given
in either case, but the water way of the
three arched bridge is stated to be largely
in excess of the sectional area of the
nullah when in flood; and the additions
proposed

In 76801

Mem. 1877, 841

N^o 6032

Pro of the
Munnool

27 30 49 20 1/2
21 1/2

to be built

204: J. H. J. J.
18 21 1/2 1/2
18 21 1/2 1/2

for orders
nullahs for in
- being work on
in Road 1877
be shown by
- line at end of
proposed

proposed to be made to the four arched bridge will more than double its water way. The depth of the foundations of the three arched bridge should be increased one foot so that they may not merely rest on the surface of the clay which is stated to be 8 ft. below the mullah bed.

3. No survey of the river is given and it cannot be seen whether the estimate allows for a sufficient quantity of earth being cut away to allow of the stream flowing fairly through the additional arches of the four vent bridge.

4. The Specification should have described the composition of the concrete and how it was to be placed in the foundations.

5. The papers forwarded do not give all necessary information. The District Engineer's attention ^{should} be called to G.O. No 1300 dated 28th April 1868 and G.O. No 242 dated 15th October 1872 para 3, a. Details report with detailed calculations as to drainage area, rainfall, flood discharge at Bridge site, should have accompanied these papers together with a sketch survey showing catchment basin of river, and that of stored water, with section of the river at site and area of discharge at highest flood, cross sections at two points above and below the bridge site and longitudinal section of bed level of the River at least a mile above and below the site. Section of trial pits for foundations and the nature of soil met with and that on which the foundations are to rest should be reported on.

To

The Secy to Govt Revenue Dept.
with papers in original

Edwrd Colvill R. L.
Chief Engineer P.W. &

Nov 1877 Dft
No 6801

From
The Engineer P. W. Dft

Dated 1877 Aug 20

No 2334

For Collector of Revenue with
P.W. Officer
P.W. Department
P.W. Department

Recd 2 papers

Call
10/97

The estimates are
I have taken - the
works will be carried
out by the D.P.W.
2. The Chief Engineer
will be in command
with the Collector of the
D.P.W. will be in charge
of the works on the D.P.W.
for the purpose.

22694

The Chief Engineer will report
whether work of the kind
described in the estimate
is required for the Chief
Engineer's office.
10 September 77

Forcing a memorandum
on the enlargement of
a bridge on trunk road
between Ayelun &
Cuddalore frontier.

H. G. from local
P.W. Officer
P.W. Dept.
Et

Forcing a memorandum
with sample but my letter
to him - Local P.W.
will be properly applied
14/10/77

22694 R 5-97