

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General
Establishment.

READ—the following papers :—

From A. S. RUSSELL, Esq., Officiating Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated 11th November 1895, No. 1715 K.S.

With reference to paragraph 1 of G.O. No. 845 I., dated 16th October 1895, I have the honour to state that, as already reported by this office elsewhere, the diversion of the Budameru river into the Kistna river above the anicut is certainly the most effective, and seems to be the most feasible, method of controlling floods in the Budameru. There appears some doubt now whether the execution of the project will not involve heavy outlay for raising the embankment of the Nizam's Railway, but this point cannot be determined until preliminary levels and investigations have been made.

I forward, for sanction of Government, a proposition statement of establishment required for the preliminary investigation of the project, together with a copy of letter from the Executive Engineer, Kistna Northern division, No. 425 S.E., dated 6th instant.

3. The main point to be aimed at is to altogether prevent Budameru flood waters from crossing the line of the Ellore canal. This can be effected by adopting either of the schemes referred to by the Executive Engineer, in paragraph II (1) and II (2) of his letter. If the latter scheme is worked out, the surplus work will have to pass a heavy flood discharge, and it will probably be economical to adopt some such design as that of the falling shutters of the Oopar odai dam in the Tinnevely district.

ENCLOSURE.

From the Executive Engineer, Kistna Northern Division, to the Superintending Engineer, II Circle, dated 6th November 1895, No. 425 S.E.

With reference to your No. 1583 K.S., dated 27th October 1895, I herewith submit a proposition statement required for preliminary investigation in connection with proposals which have been put forward in connection with the Budameru.

2. There is nothing on record that any investigations have ever been made to show the feasibility or otherwise of the various proposals which have been made from time to time, which proposals are, I believe,—

- (1) The diverting of the Budameru into the Kistna some miles above the anicut.
- (2) The formation of a large reservoir, the full tank level, presumably about the Kistna highest flood level, by throwing a bund across the gorge through which the Budameru passes near Bezwada. The reservoir to act as a flood moderator and to surplus into the Kistna.
- (3) A low reservoir for irrigation purposes only with a bund on the same site as the last. This admittedly would not appreciably affect the floods.

3. As it is impossible to express an opinion on any of these without information regarding levels which is not available, the proposition I submit is for survey establishment for preliminary investigations only.

These investigations will probably suffice to indicate if it is advisable to investigate fully any of the above proposals and which is the most promising.

4. The attached note shows the lines of levels and cross-sections I would propose. This, however, would doubtless be modified during the progress of the work.

BUDAMERU SURVEY.

Lines of levels proposed to be run.

	DAYS.
(1) Levels along Budameru from site of breach 3 miles, Ellore canal, to Velagaleru with cross-sections every $\frac{1}{4}$ mile, 12 miles ...	24
(2) From old outlet in Kistna (mentioned by Collector) to the Budameru main channel with cross-sections every $\frac{1}{4}$ mile, 5 miles ...	10
(3) Countour lines across valley of Budameru at various levels, 6 in number, and each about 6 miles long ...	50
(4) Along Kistna left bank, Bezwada, to Ibrampatam with cross-section every furlong, 8 miles ...	8
Connecting with Bench marks on Nizam's Railways ...	4
	96
Plotting sections, &c. ...	48
Total working days ...	144
Surveyor—	
Working days ...	144
Holidays—Sundays, &c., one-fifth ...	29
Total ...	173 (or, say, 6 months)

No. 68 E.W.

Forwarded to the Chief Engineer, Public Works Department, with the request that sanction may be obtained to the establishment applied for.

CHEPAK,
23rd November 1895.

(Signed) F. W. ASHPITEL,
for Chief Engineer for Irrigation.

ORDER—No. 3049 W., dated 28th November 1895.

Sanction is accorded to the following establishment, required for preliminary investigations in connection with the Budameru stream in the Kistna Northern division:—

2 Surveyors on Rs. 70 each for a period of three months.

10 Lascars on Rs. 6 each for a period of $2\frac{1}{2}$ months.

2. This sanction has been registered as Provincial No. 61 of 1895-96 and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

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

Exd. T. K. Narayana Aiyangar.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1895} Madras.
PUBLIC WORKS.

Dated November, 28th.

Recd.

Encl.

G.O. No. 3049 W., 28th Nov. 1895.

NOVEMBER.

Establishment

Sanction accorded to certain survey —
required for preliminary investigations in
connection with the Budameru stream in
Kistna Northern division.

[G.]
53
250-28-6-94.

Educational Department.



PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper:—

Endorsement of the Public Works
Department, dated 20th August
1894, No. 2719 C. on letter from
the Superintending Engineer, 4th
Circle, dated 4th August 1894,
No. 323.

Order: 5th September 1894, No. 657.
M. Singharavelu Achari will
be exempted from the rules
requiring him to hold a Surveyor's
Certificate.

(True Extract)

A. K. S. Thelley

Capt. R.E.

Under Secretary P.W.
for Chief Secy

The Public Works Department

with enclosures etc.

Govt. of {189 } Madras.

M 2719 Cal 20-894

To

No. 2349 W. d. 18 Sept.

B

The Public Works Dept.

Communicated
to the Deputy Secy IV
Circle, with reference
to his letter No 3234
of 11 August 1894.

Proceedings, dated 5 September 1894
No. 657

Subject.

Sanctioning the exemption
of Mr. Lingarajulu Achari
employed in the Bhavani
Reservoir Project from the
rules requiring him to
hold a Surveyors certifi-
cate.

DESPATCHED

18 SEP. 94

S. S. IV Circle
with Genl

INDEXED
24/9

Govt. Secy

206
19/9

P. W. CURRENT No. 6828
Govt. of 189 } Madras.

N^o 2719 Cal/20-894

To

The Public Works Dept

Encls 9
Recd. 10.9.94

Proceedings, dated 5 September 1894
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200
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with Enclosures etc.

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PUBLIC WORKS.

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Ko.
2719C of 20-8-94

Government of Madras.

1894.

P. W DEPARTMENT.

CURRENT No. 5903

From The Supdg. Engineer
IV circle

ENCLOS. 9

No. 323
W

Dated 4th August 1894

Received 8th do

SUBJECT.

Requesting to obtain
the sanction of
Govt exempting M.
Singaravelu Asary,
Surveyor, Bhavany
Reservoir Project
from passing the
Surveyor's Test.

DISPOSAL.

No. 2719C dated 20 August '94

Transferred to
the Educational
Dept.

(sd) J. Pennycuik
Col. R.E.

Secy to Govt P.W.D.

DESPATCHED

21 AUG. 94