

P. W.

Marine (1897) Department.

G.O., No. 2782 *W*

DATED 7 October 1897

[Despatch Abstract.]

Culvert over the Central Channel in the Willamette
It is sanctioned and ordered to the execution by the
P.W.D. of the work "Constructing a—" and the
L & W Dept. requested to place a sum
of Rs. 600 at the disposal of the P.W.D. to meet
the cost of the work.

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J. W. 7

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

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P.K.S

Note. The villagers of Chell

in the Nellore Taluk requested that a culvert over the central channel which runs between the Dornal Road and their villages might be constructed and promised that they would bear $\frac{1}{3}$ of the cost. The ~~Taluk~~ ^{Taluk} Board approved the proposal and asked the P.W.D. to prepare an estimate of the cost of the culvert, the channel being in charge of the P.W.D. An estimate of Rs 600 has accordingly been prepared by the P.W.D. and approved by the Taluk Board. All Local Fund roads and bridges on the banks of rivers, tanks and channels are always constructed and maintained by the P.W.D., the cost however being paid by the Local Fund Boards concerned. The Executive and the Supty. Engineers recommend that the culvert in question should, as usual, be constructed by the P.W.D. and the Taluk Board approves the recommendation. As a portion of the cost of the culvert is to be met from contributions from the public, the sanction of Govt is necessary to the execution of the work by the P.W.D. vide para 79, Chapter IX, Vol I of the P.W. Code.

May

21/5/97

Ch. 8700
 H
 why was not
 this sent through
 me?
 W.D.
 22/5/97

D.W.
 This paper should certainly have been sent to you in the first instance. The mistake lay in the person who brought up the paper from office. Instead of placing it on your table, he appears to have taken it to W. The person who brought up this particular paper is not known. When the paper returned from W, the mistake

Public Works Department.

Current No. 8900
 Letter No. 330 H.C.
 Dated 27th August 1897
 From the Supt. Engineer & Civil.

NOTE BY TECHNICAL SECTION.

Name of work. Constructing a culvert over the central channel in the Nellore Dist.
 Amount of estimate Rs 600.

The estimate provides for constructing a culvert across the central channel at the 2 mile 5th pole 350 feet. It is reported that at present a temporary bridge exists, put up 2 years back by the villagers of Chellapalem, & that this bridge is unsafe & may suddenly collapse. It is therefore proposed to construct a permanent masonry culvert of 14 1/2 feet span to carry a roadway of 9 feet, as per design submitted. The surface soil is reported to be from 3 feet in depth and the subsoil clay below. The foundation for the abutments will be of concrete 2 feet in depth & this depth of concrete will form the floor with retaining walls in front & rear 4 feet in depth, the lower

Just will be laid with concrete to the upper 3 feet high with rough stone in mortar together with the abutments which will be 3' 9" thick and raised 4 feet. The arch will be segmented with a rise of 3 feet and built of brick in channels 16" thick. The whole structure will be pointed with turki mortar throughout.

The rails are fair, vide data list submitted.

The velocity of the channel is reported to be 2.32 cfs per second & the discharge 134.56 cfs but there are no means of examining the velocity in the absence of levels & no information as to what the Culvert is required to discharge.

The estimate has not been countersigned by the President, Telang or District but it has been passed in Telang Board's resolution dated 28th May 1897 for execution by the P.W.D.

[Signature]
11/9/97

Public Works (1897) Department.

CURRENT No. 8700

Order

From

Major W. C. Baddely
Superintendent

No. 330 AL

Dated 27 August 1897

Received

Registered

Enclosures 5-6

Spare copies

SUBJECT.

Bridge over Central Channel - Nellore
Forwards for sanction an estimate for Consty: a — from Local Funds.

[Handwritten note]
for sanction
Ces
31-8-97

[Faint handwritten notes]

FURTHER PAPERS.

Letter from L. L. Wickham
Esquire, Engr. Engineer, Melbourne, ^{2nd}
to the Supg Engineer, 2nd Civil, dated
1.7.97, No 105 S.E.

I have the honour to forward plan and estimate for a bridge over Central Channel together with the resolution of the District Board sanctioning the expenditure.

2. I request, therefore, that you will be good enough to arrange for the necessary transfer of funds.

Enclos: - 5-

- 1 Plan
- 1 24 A Esti
- 1 Report
- 1 Data
- 1 St. B. 22 Gros

No 330. N

27.897

Forwarded to the

1 Report
1 Data
1 St. B. B. Pros.

* Exclusion of Government to the estimate amounting to Rs 600⁺ agreeably to para Ch. IX, Vol I of Government of India Code and for provision of funds.

* This is an

& this is an *of*
 incorporated
 local work,
 quite not-uncommon
 under "Country"
 conditions. — *Ch*

Wm Bondhury

~~The Inquiry~~
L.S. for Supergrosta Co.