Public Works (1897) Department.

G.O., No. 2102 W

DATED 2 August 1897

[Despatch Abstract.]

Culvert under the Willow bund. Revised estimate of Rs. 3,430 for constructing a — in connection with the Botacamund Drainage Scheme, sanctioned in the remarks.

100/IX

1897

P.W. 99
100-10-11-96

Indexed

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BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1897} of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*

Regd. *Spare copies*

G.O., No. 2102 W., 2nd August 1897.

AUGUST.

Culvert under the Willow bund

Revised estimate of Rs. 3,430 for constructing a — in connection with the Ootacamund drainage scheme, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

From J. HANNAN, Esq.. Superintending Engineer, IV Circle. to the Chief Engineer, Public Works Department, dated Coimbatore, 24th June 1897, No. 340/W.

I have the honour to submit, for your approval and sanction, a revised plan and estimate amounting to Rs. 3,430 for constructing a culvert under Willow bund in connection with the Ootacamund drainage scheme.

The cause of excess, viz., Rs. 510, over the original estimate of Rs. 2,920 sanctioned in G.O., No. 378 W., dated 8th February 1897, is chiefly due to some modification in the design and to the change of materials to suit the locality as stated in the accompanying report and comparative statement.

The above excess will probably be met from savings on other estimates, as stated by the Executive Engineer, in the last paragraph of the report.

The original plan and estimate are also submitted for your information and return.

Order—No. 2102 W., dated 2nd August 1897.

The revised estimate amounting to Rs. 3,430, for constructing a culvert under the Willow bund in connection with the Ootacamund drainage scheme, is sanctioned in supersession of the estimate of Rs. 2,920 sanctioned in G.O., No. 107 M., dated 27th January 1897 (G.O., No. 578 W., dated 8th February 1897).

2. The Government hopes the saving of Rs. 625 on other estimates, anticipated by Mr. Somers-Eve, will be realized.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle, with eight enclosures.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

Exd. T. K. Narayana Aiyangar.

Culvert under the Willow bund. PW. Department.

B/F Culverts

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following.

From the Supdg Engr IV circle, No 340 W dated 24th June 1897
No 2102 W 2.8.97

The revised estimate amounting to Rs 3,430 for constructing a culvert under the Willow bund in Connection with the Cotacamund Drainage Scheme is sanctioned in supersession of the estimate of Rs 2,920 sanctioned in G.O. No 107 M dated 27th January 1897 (G.O. No 378 W dated 8th February 1897).

1. Sanctioned.
2. Hope the saving on other estimates, anticipated by Mr. Somers Eve, in his letter of 15 June 1897— will be realized.

To
The Secy to Govt. Ld Rev Dept
for favour of Counter initials
No objection in this Dept
for the Supdg Engr to meet the excess of Rs 510 and be met from savings on other estimates.
IR 19/7/97

A.4th 25.7.97

15/7/97

Contd 13.7.97

Cu

Maj

2. The Govt hope the saving of Rs. 625 on other estimates anticipated by Mr Somers Eve will be realized.

30/7/97

To
The S.E. IV circle with 8 encls
Exclr, P.W. Accts
Land Rev Dept

[P. W. 40. 1,500—13-4-97.]

H.E. 21.7.97 Rec 7.97

Gr. W. 2102 W
92-897.
Amended to
pass at once
& communicate
Print soon.

Use file Memo
be extra copies

Acc 7102 &
returned to
Secretariat

Public Works Department.

Current No. 6387
Letter No 340/W
Dated 24th June 1897
From the Executive Engineer IV Circle.

Note by Technical Section.

Name of work Culvert under Willow bund. Ottacamund.

Amount of Estimate Rs 3430.

The S.E. IV Circle submits for sanction a revised estimate amounting to Rs 3430 for constructing a culvert under the Willow bund in connection with the Ottacamund Drainage scheme in lieu of the original estimate of Rs 2920 sanctioned in G.O. No. 378 W dated 8th Febr. 1897.

The excess of Rs 510 or 17.5% over the original sanction is chiefly due to deviation in design and to change of materials of construction and the locality.

The sanctioned design provided for a culvert to pass the channel across the Willow bund on the Square, the revised design provides for a culvert on the Skew. The breadth of the roadway has also been increased

reduced from 30 to 25 feet as the formed width was found unnecessary.

Owing to good bricks not being available just now the abutments to a height of 4 ft. with the wings and parapets will be built of random rubble in cutch mortar & pointed with cement, while the arch with its haunches built of concrete in cutch.

The provision made in the original estimate for metalling & gravelling, excavation of foundations and centering for the arch is reported to be insufficient. These have now been increased by Rs 341, also the new provision for balisa and wheel guards now allotted to be found necessary.

The following rates are in excess of the Divisional schedule Plastering with Portland cement Rs 16..... against Rs 14.6.4

-do- with cutch —— Rs 5..... — 4.6.4.

Pointing — do —— 5..... — 2.6.4

If schedule rates be adopted the saving will be only Rs 44 not worth noticing.

The area of waterway provided is the same as that allowed in the original design viz. 57.5 Sqft.

8.7.57

No. Besides cost an estimate should leave a margin for an excess—

2. The Estimate may be sanctioned.

Cowie
8-7-57.

Public Works (1897) Department.

CURRENT No. 6387

Order

From The Supt. Engineer 4th Circle

No. 340/W

Dated 24th June 1897.

Received 28 June 1897

Enclosures 6. 8 Copies

Spare copies ✓

SUBJECT.

Culvert under Willow bund & Drainage Scheme @ Otacamund

Submits for sanction a revised estr. amtg. to Rs 3430 for constructing a—

To early Asst
29/6/97
W

O. 13/7

O.S. 22

BACK PAPERS.

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378W		"	8-2-97
321W		"	11-11-96
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338W		"	8-3-94
195W		"	22-1-94
153W		"	18-1-94
2738W		"	26-10-93
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	1048D	"	14-10-93
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FURTHER PAPERS.

G.O.	No.	Department.	Date.
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1 & 3440 W

Supdg. Engrs Office 4th Circle
Coimbatore 24th June 1897

From

J. Kannan Esq
Supdg. Engineer 4th Circle

To

The Chief Engineer
P.W. Department
Madras

Encls: 6
1. Revised Estimate
1. Report
1. Comparative statement
1. Revised plan
1. Original plan
1. Do. Estimate

6

Sir,

I have the honor to submit for your approval and sanction a revised plan and estimate amounting to Rs: 3430 for constructing a culvert under Pillaiyar Kulam in connection with the Attacanmal Drainage Scheme.

The cause of excess viz. Rs: 570 over the original estimate of Rs: 2920 sanctioned in G.O. No. 378W dated 8th February 1897 is chiefly due to some modification in the design and to the change of materials to suit the locality as stated in the accompanying report and Comparative statement.

The above excess will probably be met from Savings on other estimates as stated by the Executive Engineer in the last

last para of the Report.

The original plan and estimate are also submitted for your information and return.

I have the honor to be
Sir
Your Most Obedient Servt

V Hamilton

Supdg Engineer 4th Circle

H.