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# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS

DEPARTMENT

|          |              |        |
|----------|--------------|--------|
| G.O. No. | 2916 W       | Press. |
| B.P. No. |              | Mis.   |
| Dated    | 20. 11. 1879 | 197.   |

Not to be folded or roughly handled

*N. J. m*

(சென்னை மாநகர், பம்பாய்)  
நாள், 21.11.86

29/6  
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

20th November 1879, No. 2,916 W.

Buildings and Roads.  
Civil Works.

Read the following paper:—

No. 65. From Major H. M. VIBART, R.E., Acting Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated, Chepauk, 25th September 1879, No. 5,618.

With reference to G.O. (Revenue Department), No. 934, dated 20th June 1878, sanctioning an estimate of Rs. 2,000 for constructing a head-sluiice across the Merkanam brine supply channel, I have the honor to forward for sanction the enclosed revised estimate for the work amounting to Rs. 2,660, submitted by the Executive Engineer, Tindivanam Division. This officer reports that the revised estimate has been prepared by him as the rates for brickwork, concrete and plastering provided in the sanctioned estimate are below those already passed for the works in that neighbourhood; he has submitted data in support of the rates entered in the present estimate, which have been checked in this office and which do not appear to be excessive. It is also considered absolutely necessary that hydraulic mortar should be used in the work instead of common mortar, as provided for in the original estimate, as the site is one which will be always wet with salt water, and it has been found that ordinary lime when exposed to the sea air gradually crumbles away. Provision has therefore been made in the present estimate for the use of soorkee mortar in the work throughout. The original estimate of Rs. 2,000 is also herewith forwarded for reference. I request early orders may be passed on the subject.

| ENCLOSURES.           |     |     |     |     |     | RS.   |
|-----------------------|-----|-----|-----|-----|-----|-------|
| One Original Estimate | ... | ... | ... | ... | ... | 2,000 |
| " Revised do.         | ... | ... | ... | ... | ... | 2,660 |
| " Plan.               |     |     |     |     |     |       |
| " Data.               |     |     |     |     |     |       |
| " Specification.      |     |     |     |     |     |       |

No. 66. ORDER THEREON, 20th November 1879, No. 2,916 W.

UNDER the explanation furnished by the Superintending Engineer, Third Circle, in his letter above recorded, the Government resolve to sanction the revised estimate amounting to Rs. 2,660 for constructing a head-sluiice across the Merkanam brine supply channel.

2. The sanction has been registered as Imperial No. 25 B. of 1879-80.

(True Extract.)

Major, R.E.,  
Ag. Under Secy. to Govt., P.W.D.

To the Superintending Engineer, Third Circle, with four enclosures.  
" Examiner of Public Works Accounts, with Abstract Estimate.  
" Revenue Department.

Exd. S. T. Austin.  
Spare Copies

BUILDINGS AND ROADS  
CIVIL WORKS.

Govt. of (1879) Madras.

PUBLIC WORKS.

To  
The SUPERINTENDING ENGINEER,  
THIRD CIRCLE.

Recd. Encl.

Dated November 20th.

Issued

Recd.

Encl.

G. O., 20th November 1879, No. 2916 W.

NOVEMBER

Nos. 65-66.

Head-slue across the Merkanam Iron  
supply channel, South Arcot District. — Sanc-  
tions the revised estimate for construct-  
ing a —.

No. 5618

3<sup>rd</sup> Circle Superintending Engineer's Office  
Chepauk 25<sup>th</sup> September 1879  
Dypt 26<sup>th</sup> 29/6  
2

From

The Superintending Engineer  
3<sup>rd</sup> Circle.

To  
The Chief Engineer  
Public Works Department.

Sir,

Encl. 5.

With reference to G. O. (Revenue Department)  
No. 934 dated 20<sup>th</sup> June 1879, sanctioning  
an estimate of Rs. 2000 for constructing  
a Head Slue across the Merkanam  
Iron supply channel, I have the honor  
to forward for sanction, the enclosed  
revised estimate for the work amount-  
ing to Rs. 2660 submitted by the Ex-  
cutive Engineer, Indian Iron Division.  
This officer reports that the revised  
estimate has been prepared by him  
as the rates for brickwork, concrete  
and plastering provided in the  
sanctioned estimate, are below those  
already passed for the works in that  
neighbourhood, he has submitted  
data in support of the rates entered  
in the present estimate, which have  
been checked in this office and which

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3

do not appear to be excessive. It is also considered absolutely necessary that hydraulic mortar should be used in the work instead of common mortar as provided for in the original estimate as the site is one which will be always met with salt water, and it has been found that ordinary lime when exposed to the sea air gradually crumbles away. Provision has therefore been made in the present estimate for the use of pooree mortar in the work throughout. The original estimate of Rs. 2000 is also herewith forwarded for reference. I request early orders may be passed on the subject.

Enclosure

- 1 Original Estimate Rs. 2000.
- 1 Revised ———— Rs. 2660.
- 1 Plan.
- 1 Data.
- 1 Specification.

I have the honor to be  
Sir

Your most obedient servant

Henry Robert Major R.E.  
Asst Engineer 3rd Circle.

KEEP-WITH.

Current No.

6926

Letter No.

5618

Dated the

25<sup>th</sup> Sept. 1879

from the

Supp. Engr. 3<sup>rd</sup> Circle.

note of remarks.

The revised Est. for  
a H<sup>2</sup> sluice & culvert  
with 12 ft. roadway across  
the Merkaumun brine  
Channel on the road  
from Merkaumun to  
Thambakum, amounting  
to Rs. 2660, has been  
checked, & the following  
errors detected in the  
Schedule of rates.

Excess in cost of per 100 Cft.

Hydraulic Concrete — 0-3-8

Archwork is below actual  
cost of per 100 Cft. — 3-11-3Plastering 2 coats is — do —  
of per square — 0-6-0

The first rate was given as

Rs. 11.9.2, whereas it sh. be Rs. 11.5.6

The 2<sup>nd</sup> — do 18.7.8 — do — 22.2.11The 3<sup>rd</sup> — do 3.0.9 — do — 3-6-9The Supp. Engr. may be asked to  
revise this Est. again. 1.10.79  
4.10.79

Recd. No. 27424-11-7-78.

P.W.D.  
26/1879  
1879 N. 2

From  
The Sup<sup>r</sup> Eng<sup>r</sup> 3<sup>d</sup> C.

G.O. 20-11-79 No 2916

No 5618.

Dated 25<sup>th</sup> }  
Dist. 26<sup>th</sup> } Sept 79.  
Recd

With view  
25/79

Enc 5.

Merkanam brine Supply Channel  
— Forwards for Sanction  
Revised Estimate Plan of  
amounting to Rs 2660 for Const<sup>n</sup>  
a head sluice & culvert with  
12 feet roadway across the

Enc 11-11

Civ

No. 2916 W P. W. Department.  
PROCEEDINGS of the MADRAS GOVERNMENT.  
Under date the 20<sup>th</sup> Nov 79 READ the following

From  
The Sup<sup>r</sup> Eng<sup>r</sup> Third Circle - (N.E. No 5618 d/25<sup>th</sup> Sept 1879)

MA

Under the explanation  
furnished by the Sup<sup>r</sup> En-  
gineer Third Circle in his  
letter above recorded, the  
Govt resolve to sanction  
the revised Estimate amount-  
ing to Rupees 2660 for  
constructing a head sluice  
across the Merkanam  
brine supply channel.

2. The sanction has been  
Imperial No 25 B of  
6/6 Third Circle with four enclosures  
Ex<sup>r</sup> P.W. Auto d/25<sup>th</sup> Sept 79  
Revenue Dept  
Imperial Salt 1879-80.

Dist - 25-11-79

Recd.

11/11/79

C. 6926

Govt. of Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O. 20<sup>th</sup> Nov 1879, No. 2916w

Nos. 65-66

That since across the  
Mekkanam brine sup-  
ply Channel. S. Govt. Dr  
sanctions the revised  
estimate for constructing  
a —

6-16-11