(1) பக்கங்களின் எண்ணிக்கை 20

(2) புதுக்கித் திருப்பிய நாள் 10/91

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

68

PWD துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 2529

~~அச்சகம்~~
பலவகை

நாள் : 10-9-1892 ~~198~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

10 Shets

2529/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 8th August 1892, No. 694 T.C.

I have the honour to submit, for the orders of Government, the accompanying estimate, amounting to Rs. 6,170, received from the President, District Board, Trichinopoly, for forming a road from Puvalur to Alangudi in the Trichinopoly taluk.

2. The estimate was first received with the President's letter, No. 156, dated 3rd March 1892, for scrutiny and submission to you for sanction of Government, but as it was not accompanied by the required report and the longitudinal and cross sections of the road, it was, with my letter, No. 1780 T.C., dated 7th March 1892, returned pointing out the omission and stating at the same time that as the road passes over a portion of the bank of the Punguni channel of the Cauvery delta system, it was necessary to obtain, under the rules circulated with G.O., No. 3216 W., dated 4th December 1890, my approval for commencing the work of which the major portion was said to have been executed.

3. The estimate has been received back together with the required sections and report with the President's No. 551, dated 15th July 1892. The length of the road is 7 miles and 2,736 feet, of which 4 miles run over the channel bank; the top width of the road is 12 feet with slopes averaging 1½ to 1, and it is proposed to sand the 6th, 7th and half of the 8th mile to a width of 10 feet and 6 inches depth.

4. The estimate provides for the following items :—

	RS.
(1) Earthwork	1,953
(2) Removal of prickly-pear	169
(3) Sanding	1,114
(4) Masonry works, 11 culverts of different sizes	2,151
(5) One road dam	258
(6) Raising parapet walls of irrigation sluices	359
(7) Unforeseen charges	132
(8) Petty supervision	34
Total ...	6,170

and it is observed that, with the exception of items 3, 6, 7, and one culvert estimated to cost Rs. 105 in item No. 4, all the other work had been already carried out at an outlay of Rs. 4,460.

5. As to the commencement of the work before the estimate was sanctioned, the President states that it was commenced in February 1888, but at that time it was not intended to carry the road so far as has now been done; that each year the Taluk

Board called for an estimate and sanctioned it according to the amount of funds available, these estimates being all within the competence of the Taluk Board to sanction, but that Government having directed that its sanction should be obtained to the estimate for the whole road, the present consolidated estimate has been prepared as promised in para. 1 of the President's letter No. 18 of the 14th March 1891.

6. It is also stated that no work has been commenced since the receipt of the rules circulated with G.O., No. 3216 W. of the 4th December 1890, and that the longitudinal and cross sections of the road bank are as taken when the work was first proposed in 1887.

7. The units adopted in the estimate vary in some cases from those in the current schedule of rates, these are attributed to portion of the work having been executed during the time the old schedule was in force.

8. The estimate has been checked in this office and the rates are reasonable. As the major portion of the work is said to have been already carried out prior to the receipt of the rules alluded to in paras. 2 and 5 *supra*, and as the remaining work appears necessary, I beg that the estimate may be approved and sanctioned as a special case.

ORDER—dated 10th September 1892, No. 2529 W., Public Works.

In the circumstances explained by the Superintending Engineer, the estimate, amounting to Rs. 6,170, for constructing a road from Puvalur to Alangudi in the Trichinopoly district, is sanctioned.

2. This sanction has been registered as local No. 23 W. of 1892-93.

(True Extract.)

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

To the Superintending Engineer, VI Circle.
" Chief Engineer for Irrigation.
" Local and Municipal Department, with plans and estimates.

Exd. S. J. Pereira.
Spare Copies

2529/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS

Dated September, 10th.

Recd. Encl.

G.O., 10th Sept. 1892, No. 2529 W.

SEPTEMBER.

Road from Puvalur to Alangudi

Estimate of Rs. 6,170 for constructing a — in the Trichinopoly district, sanctioned.

Trichinopoly Local Fund Engineer's office

From
The Local Fund Engineer, [illegible]
Trichinopoly.

To
The President, District Board,
Trichinopoly.

Dated 9th July 1892. No. 91. Enc. 6.

Encl.
- 1 Estimate Abstract
- 1 do Detail
- 1 Specification
- 1 Report
- 1 Calculation Sheet
- 1 Plan bundle.

Sir,

In reply to your endorsement no. 47/12-3-92 forwarding a Copy of the Superintending Engineer's letter no. T.C. 1782/7-3-92 returning the estimate for the Puvalur Alangudi Road for certain information, I have the honor to resubmit the Estimate accompanied by my report and the longitudinal and cross sections of the road bank as taken when the work was first proposed in 1887. The bed and full supply level of the Channel have been shewn on the Sections and also where any culverts have been constructed on the line over irrigation and drainage Channels, the

2529/4

the Longitudinal section shews their position giving at the same time the existing bed level and F.S.L. of the main or Pungani Channel and also the floor or sill level of the new works. These floor levels have been fixed with reference to the bed levels of the branch Channels over which the works have been Constructed so as not to interfere with existing arrangements in any way.

2. In reference to para 1, the report accompanying the Estimate shews that no work has been Commenced since the receipt of the rules referred to in G.O. No 127 L / 21.1-1891.

I have etc

(Sd) L. de P. De Cloete CE

L. F. Engineer.

SUPDG. ENGINEER'S OFFICE
No 537-T
P.W.D.
SIXTH CIRCLE

No 551 / 15-7-92 (True Copy)

Forwarded to the Superintending Engineer with reference to his letter No 14 dated 7th March 1892 with the Longitudinal & cross sections, the report of the Engineer and the Estimate in original.

A. Krishnaswamiyar

for President

Supdg. Engineer's Office
19 JUL 92
P.W.D.

From
The President
District Board
Trichinopoly

No. 551. Dated 15th July 1892

Encl 17 { 1. A. Estt
1. D. Estt
1. Report
Check
13. Drawings

Road from Puvalur to Alangudi – Forwarding for scrutiny & transmission to Govt the plans & Estt of Rs: 6170 for forming a —

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8156/57 D
92
16·7

Enclo No 17 to S.E. 6th No 694 x
d/8-August/92

No. 694 x

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

Trichinopoly, 8 August 1892.

5 70/—

From
Lt Col: A. C. Smith R.E.
~~The~~ Superintending Engineer,
6TH CIRCLE.

To
The Chief Engineer,
PUBLIC WORKS DEPARTMENT.

SIR,

ENCLOSURES. 17.

1. Estimate with report & specification
8. Sheets of survey & level sections
5 —do— of masonry plans.
2. Proceedings of the District & Taluq Boards Nos: 146/1892 & 98/18-11-91.
1. President's original endorsement No: 551/15-7-92 on copy of L.F. Engineer's No: 91/9-7-92.

I have the honor to submit, for the orders of Govt, the accompanying estimate amounting to Rs 6170, received from the President, District Board, Trichinopoly, for forming a road from Puvalur to Alangudi in the Trichinopoly Taluq.

2. The estimate was first received with the President's letter No: 156 dated 3rd March/92 for scrutiny & submission to you for sanction of Government; but as it was not accompanied by the required report and the longitudinal and cross sections of the road, it was

was, with my letter No. [illegible] of 7th March/92, returned pointing out the omission, and stating, at the same time, that, as the road passes over a portion of the bank of the Pungani channel of the Cauvery Delta system, it was necessary to obtain, under the rules circulated with G.O. No: 3216 Rd/4th December/90, my approval for commencing the work of which the major portion was said to have been executed.

3. The estimate has been received back together with the required sections and report with the President's No: 551 d/15th July/92. The length of the road is 7 miles & 2736 feet, of which 4 miles run over the channel bank; the top width of the road is 12 feet with slopes averaging 1 1/2 to 1, & it is proposed to sand the 6th, 7th and 1/2 of the 8th mile to a width of 10 feet and 6 inches depth.

4. The estimate provides for the following items:—

Earthwork

1. Earthwork	Rs	1,953
2. Removal of prickly pear	Rs	169
3. Sanding	Rs	1,114
4. Masonry works: 11 culverts of different sizes	Rs	2,151
5. 1 Road dam	Rs	258
6. Raising parapet walls of irrigation sluices	Rs	359
7. Unforeseen charges	Rs	132
8. Petty Supervision	Rs	34
Total	Rs	6,170

and it is observed that with the exception of items 3, 6, 7 & one culvert estimated to cost Rs 105 in item No: 4 all the other works had been already carried out at an outlay of Rs 4,460

5. As to the commencement of the work before the estimate was sanctioned, the President states that it was commenced in February/88, but at that time it was not intended to carry the road so far as ~~it~~ has now been done; that each year the Taluq Board called for an estimate and sanctioned it according to the amount of funds available, these estimates being all within the competence of the Taluq

Board to sanction, but that, Government having directed that its sanction should be obtained to the estimate for the whole road, the present consolidated estimate has been prepared, as promised in para 10 of the President's letter No. 18 of the 14th March/91.

6. It is also stated that no work has been commenced since the receipt of the rules circulated with C.O. No. 3216 W of the 4th December/90, and that the longitudinal & cross sections of the road bank are as taken when the work was first proposed in 1887.

7. The units adopted in the estimate vary, in some cases, from those in the current schedule of rates; these are attributed to portion of the work having been executed during the time the old schedule was in force.

8. The estimate has been checked in this office & the rates are reasonable. As the major portion of the work

3 Pieces

work is said to have been already carried out prior to the receipt of the rules alluded to in paras 2 & 5 supra, and as the remaining work appears necessary, I beg that the estimate may be approved and sanctioned, as a special case.

I have the honor to be
Sir,
Your Most Obedient Servant.

A L Smith Lt. Col. R.E.
Supg: Engineer
VI Circle

P. W. CURRENT No. 8196

8o Rec 3266 w g 4.12.90

P. W. D. 6th CIRCLE.

From

The Superintending Engineer,
6th Circle.

To

THE CHIEF ENGINEER,
Public Works Department.

No. 694 TC

Dated 8th
Received 12th } August 1892

Enclosures. ~~17~~ 21 (13 plans)

Submits for sanction estimate of Rs 6170 for forming a road from Puvalur to Alangudi in the Trichinopoly Taluq –

0/30/8

R 10.9.92

Public Works Department.

Current No. 8196
Letter No. 694 TC.
Dated 8th August 1892.
From the Supdg Engineer VI Circle.

TECHNICAL NOTE.

Constructing a road from Puvalur to Alangudi in the Trichinopoly Dist.
Amount of Estimate Rs 6170

The accompanying plans & estimate amounting to Rs 6170 for forming a road from Puvalur to Alangudi in the Trichinopoly Dist. is submitted by the Supdg Engineer VI Circle for the sanction of Govt.

The amount of the estimate is made up as follows:–

Earth embanking —	Rs 1,953
Removing prickly pear — ..	169
Sanding road — ..	1,114
Masonry culverts — ..	2,151
Road dam — ..	258
Raising parapets of irrigation channels —	359
Contingencies — ..	132
Petty supervision — ..	34.
Total Rs	6,170

The length of the proposed road is 7 miles 2745 feet or about 7½ miles of which 4 miles run on the Gungany channel bank of the Cauvery Delta system.

The

The top surface of the road is to be made 12 feet wide with varying side slopes, averaging 1½ to 1. The soil in the 6th, 7th & 8th miles being of black cotton it is proposed to sand this portion of the road to a width of 10 feet with 6 inches of sand & the remaining length left embanked without gravelling or metalling.

Provision is made in the estimate for the following masonry works:—

4 culverts of 1½ feet span each
6 — do — 3 — do — do.
1 — do — 8 — do — do.
1 road dam. 60 feet long.

The Supdg Engineer states that almost all the work has been carried out at an outlay of Rs 4,460 with the exception of the sanding of the road, raising the parapets of irrigation sluices & the construction of one culvert 1½ feet span. The estimate was sanctioned from time to time in sections by the Taluq Board as funds permitted & the work commenced in Feby 1888.

The rates are fair & the estimate has been checked.

The S.E. requests the sanction of Govt. to the estimate as a special case, owing to the major portion of the road which partly runs over the Punganij channel bank having been executed prior to the receipt of the rules for the construction & upkeep of L.F. roads on canal & channel banks vide G.O. No. 3216 W dated 4th Decr 1890.

The cost of the road including masonry works will be about Rs 820 per mile.

The plans & estimates have not been countersigned by the President Dist. Board, though they have been submitted to the Supdg Engineer VI Circle by that officer.

26.VIII.92.

No. 2529 W./10th September 1892

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Print / From the S.E. VI Circle No. 694 I.C. d/8th Augt 1892

In the circumstances explained by the Suptg. Engineer, the estimate, amounting to Rs. 6170, for constructing a road from Puvalur to Alangudi in the Trichinopoly District, is sanctioned.

2. This sanction has been registered as Local No. 23 W of 1892-93.

Leo 7 Sep

To
The S.E. VI Circle
" Chief Engr for Irrign
" Local and Munfpl. Dept.
with plans & estimate

21/9/92

2529
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B hy
D / T Am

To

The Hon'ble the Chief Secreta
for favor of Com. Tovinh

pl 194-8
es 3-9
hmb-9
mA

C Dis. 8196

Govt. of {1892 Madras.
PUBLIC WORKS.

Dated

Recd. Encl.

G.O. 10th September 92. No. 2529. W ~~[illegible]~~

Road from Oiwalur
to Alangudi

Estimate of Rs 6,170 for
constructing a ——
in the Trichinopoly District,
sanctioned

2

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4

1-4

9/10/9

F.C. 10/9

GOVERNMENT HOUSE,
Ootacamund
31st August 1892.

No. 500.

$25^{0}/1$

408

From

THE MILITARY SECRETARY TO THE
RIGHT HONORABLE THE GOVERNOR,

To

The Secretary to Government
Public Works Department

SIR,

I have the honour to forward herewith in duplicate, the Budget Estimate on account of Furniture, required for Government Houses at Madras, Guindy Park, and Ootacamund, for the Official Year 1893-94.

I have the honour to be,
Sir,
Your most obedient Servant,

R. Hawley
Captain,
Military Secretary.

P. W. CURRENT No. 8990

Pro. A no. 1413W of 17.6.85
" B " 2597W of 29.9.91

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417

B/ No 2530 Wd/10 Septe

Recorded.

2. The Consulting A
will make the necce
provision in his bu
estimate for 1893-94
Provincial Civil Bu
Repairs.

Enclos 1 in dupli

Regd: 5.9.92

7.9.2

0/5.9.

Rg 9.9.92

2.9
2.9
7.9 With order

To

The Consg. Archt. to Gov
with 1 enclos

I.C. 12/9

12/9.