(1) பக்கங்களின் எண்ணிக்கை 20

(2) புதுக்கித் திருப்பிய நாள் [illegible]

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(26)

தமிழ்நாடு அரசு

P. W. D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1970	அச்சகம் பலவகை
நாள் :	22-7-1889	~~198~~ .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

Sheet 19 Sent to [illegible]

3.A

20. Sheets

19

18

ஆவண. கா-1—18,006—15-6-87.

1970

22nd July 1889, No. 1970 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

No. 1068 T.C.

Report by the Superintending Engineer, VI Circle, on the estimate for gravelling road No. 15 from Tirumanur to Kílpaluvúr in the Trichinopoly district.

The estimate comprises the following items :—

	RS.
Metalling	9,697
Sanding	1,303
Petty establishment, &c.	100
Total ...	11,100

2. This is an unmetalled road, 8 miles long, and runs for the most part through black cotton soil. Hitherto it has been maintained simply by levelling and spreading sand over the surface. During the dry weather very heavy traffic is passable, but in the wet season it is unfit for traffic. It is now proposed to metal it entirely so that it will be passable during all times of the year.

3. The top surface of the road is to be sectioned about 16 feet in width, of which 13½ feet are to be metalled, the metal to consist of 6 inches in thickness of best gravel; over this, as a finishing coat, a thin layer of sand is to be laid.

4. The road is an unbridged one, but three road dams, each 100 feet long, were constructed (last year) on the jungle streams that cross the road.

5. The rates are fair and the estimate is recommended for sanction.

Negapatam,
24th February 1889.

(Signed) D. McNEIL CAMPBELL, Major, R.E.,
Superintending Engineer, VI Circle.

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Kodaikánal, 24th June 1889, No. 239 T.C.

With reference to your endorsement No. 1208 C., dated 9th March 1889, I have the honor to forward herewith a revised estimate, amounting to Rs. 11,100, for gravelling the road No. 15 from Tirumanur to Kílpaluvúr, together with a letter from the President, District Board, No. 488, dated 20th June 1889, and its enclosures.

2. As explained by the Local Fund Engineer, I consider the rates now allowed in the estimate are reasonable, and I therefore recommend it for sanction.

3. I may mention that the cartage of 1 anna 6 pies per mile given in the schedule of rates is for one cart-load of gravel containing 15 cubic feet and not for 100 cubic feet as presumed.

4. The endorsement under reference, together with its enclosures, is herewith returned.

Order—dated 22nd July 1889, No. 1970 W., Public Works.

The estimate, amounting to Rs. 11,100, for gravelling the road No. 15 from Tirumanur to Kílpaluvúr, in the Trichinopoly district, is sanctioned.

2. This sanction has been registered as Local No. 16 W. of 1889-90.

(True Extract.)

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

To the Superintending Engineer, VI Circle.
„ Local and Municipal Department,
with five enclosures.

Exd. J. Henricus.
Spare Copies

1970

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated July, 22nd.

Recd. *Encl.*

G.O., 22nd July 1889, No. 1970 W.

JULY.

Road No. 15 from Tirumanur to Kilpaluvur, Trichinopoly District

Estimate for gravelling the —, sanctioned.

Public Works Department.

1970/3rd

Current No. 1983

Letter No. 1058 TC

Dated 24th February 1889

From the Supdg: Engr. VI Circle

Returned for revision pointing out that the rates are very much in excess of [illegible] giving [illegible] prepared by [illegible]

NOTE OF REMARKS.

The estimate under review amounting to Rs 13,000 provides for gravelling Road No 15 from Tirumanur to Kilapaluvur (a distance of 8 miles) in the Trichinopoly District.

The Estimate is divided as follows

Gravelling —	Rs 11,326
Sanding —	" 1568
Petty Establt —	" 106
Total	Rs 13,000

It is explained that this is an unmetalled road running for the most part thro' the black cotton soil and that in its present condition it is unfit for traffic during the monsoons, it is therefore proposed to gravel the road in order to render it fit for use in all seasons of the year — It is stated that the road is the most important one in the taluk being a direct line from the Perambalur taluk and Eastern portion of the Salem Dist: to Tanjore and the South Indian Railway.

The top width of the road is to be 16' of which 13½' is to be gravelled 6" in thickness and screened with sand.

The proposed gravelling will cost Rs 1625 per mile which is high the rates quoted in the Estimate are in excess of the rates given in the Schedule for the Trichy Division as will be seen from the Comparative Statement ~~given~~ in the margin.

The Est. has been counter-signed by the President of the Dist. Board.

	As per Schedule of rates for 100 cft.	As per Estimate submitted for sanction for 27 cft or 1 cyd.
Excavating gravel	0 - 5 - 6	0 - 3 - 6
Carriage of do for 1 mile	0 - 1 - 6	0 - 3 - 9
Stacking gravel	0 - 1 - 0	0 - 0 - 6
Spreading &c.	0 - 2 - 0	0 - 3 - 0
		1 cyd. 0 - 10 - 9
Total for 100 cft.	0 - 10 - "	100 cft. 2 - 7 - 11

If the Schedule rates are adopted there will be a considerable saving in the Est.

7/3

---

in the Estimate being
so much in excess of
those given in the
Schedule for the

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.

PUBLIC WOR

Road No. 15 from Tirumanur to Kilpaluvur, Trichinopoly District

Estimate for gravelling the —, sanctioned.

[illegible] [illegible] [illegible] [illegible]
[illegible] Boards [illegible]

1920

1889.

P. W. DEPARTMENT.

Current No. 1983

From The Supdg. Engineer
VI circle.

Enclos. 7
(1 tracing)

No. 1068 T.C.
Dated 24th Feby 1889
Received 1st March 1889.

Subject.

Report on the estimate for gravelling Road No 15 from Tirumanur to Kilapaluvur in the Trichinopoly District.

Disposal.

No. 1208 C Dated 9 March 188

Forwarded to the Supdg. Engineer VI circle with a request that in view of the rates entered in the Estimate being so much in excess of those given in the Schedule for the

LX

Trichinopoly Division the Estimate may be revised & resubmitted - Attention is invited to the subscribed comparative statement.

As per schedule of rates for 100 c. ft	As per estimate, submitted for sanction, for 27 c. ft or 1 c. yd
Excavating gravel .. 5-6	.. — 3 – 6
Carriage of - do - for 1 miles } .. 1-6	.. – 3 – 9
stacking gravel .. 1 ..	.. – .. – 6
spreading &c .. 2 ..	.. – 3 – ..
Total for 100 c. ft } .. 10 ..	1 c. yd .. – 10 – 9
	100 c. ft. 2-7-11

(By order)

(Sd) W. L. C. Baddeley

Capt R.E.

Dy. Chief Engineer P.W.D.

(Sd) H. R. M.

To.

The S. E. - VI circle with the papers.

D 13

1970

4

1970

Trichinopoly District Board's Office.

No. 67 dated 13th June 1889.

Resolution of the District Board,

TRICHINOPOLY.

PRESENT

G. W. Fawcett, Esquire; President

J. G. D. Partridge Esqr asstt Collr

Brigade Surgeon L. C. Nanney Dt. Medl & Sanitary officer

M. R. Ry. D. S. Krishnasami Aiyar Avargal Rao Sahib

" S. Krishnama Chariyar Avl B. A. Rao Sahib

Revd Jacob Gnanavolivu Pillai Avl B. A. Rao Sahib

M. R. Ry. N. G. Gopala Aiyar Avl B. A. Rao Sahib

" T. R. Kuppusami Aiyengar Avl Rao Sahib

" M. S. Narayanasami Aiyar Avl Rao Sahib

" V. S. Chellappa Chettiyar Avl Rao Sahib

M. R. Ry. K. Vasudeva Aiyengar Avl Rao Sahib

" S. Nataraja Aiyar Avl Do

" S. Umamaheswara Aiyar Avl Do

" V. Krishnasami Aiyar Avl Do

" B. Muttusami Mudaliyar Avl Do

" Savarimuthu Udaiyar Avl Do

Nina Mahomed Ravuttar Khan Sahib

READ the following: —

Report of the Works Committee of the District Board on the estimate for Rs 11,100 for gravelling and improving the Kilapalur — Tirumanoor ferry road.

—

The estimate is passed, but the Board resolve to call for tenders for this year's work with the hope of reducing the amount.

(Signed) G. W. Fawcett
President

(True copy)

President

5

197

Trichinopoly Local Fund Engineer's Office.

No. 315 Dated 27th March 1889

Enclosures 8.

From

The Local Fund Engineer

Trichinopoly

To

The President

District Board

Trichinopoly

Sir,

In reply to your B. R. No. 145 of 16th March 1889 on the Superintending Engineer's letter No. 1117 T.C. dated the 12th Instant returning the estimate for gravelling ferry road No. 15 for revision, I have the honor to state that I have reduced the rates as far as I think is possible. The rates allowed in the previous estimate were not in excess of our sanctioned schedule, but I have reduced the carriage of material from $3^{a}-6^{p}$ (not $3^{a}-9^{p}$ as given in the Chief Engineer's comparative statement)

6

statement) to 3 annas per cyd per mile. Carting will be extremely difficult throughout but especially so for the first 6 miles on account of the bad state of the road and 1 mile of the lead being across Country. I give in the margin× an extract from our Sanctioned Schedule showing cost of carriage in the Udaiyarpalaiyam Taluk.

× Road materials Delivery 1st mile 3 to 4 annas
Do —— 2nd — " 6 to 7 — "
Do —— 3rd — " 9 to 10 — "
Do —— 4th — " 12 to 13 — "

2 I have also reduced the rate for spreading gravel from 3 annas to 2 annas per cyd. Three annas is the rate allowed in our schedule for spreading where water is not procurable close at hand but has to be carted. This is the case on this road, and I am afraid that for 2 annas a sufficiency of water will not be provided.

3. The rate of as 3 - 6 p per cyd is for screened gravel and is calculated upon the following data.

data. Excavating 2 Cyds of unscreened gravel at $1^{a} - 3^{p}$ per cyd = as 2 - 6 p
Screening 2 Cyds of do at 6^{p} per cyd = 1 — "
Total 3 — 6

From the above it will be seen that our excavating rate is less than that given by the Chief Engineer in his comparative statement.

4. It would be quite impossible for this department to get carrying work done for the rate given by the Chief Engineer in his comparative statement, namely 1-6 per 100 cft per mile. $1^{a} - 6^{p}$ is the rate we pay per cart per mile and carts in the Udaiyarpalaiyam Taluk hold about 15 cft, or $6\frac{2}{3}$ carts would be required to carry 100 cft.

5 I think it would be impossible to get the work done if the rates are any further reduced more especially as these

these rates have been in force for several years now.

6 The revised estimate is submitted with this letter for early sanction.

I have &c

(Signed) E. F. Handcock

Local Fund Engineer

(True copy)

President

1 co 70/89

pr 10/6036/89

Trichinopoly District Board's Office,
No. 488 dated 20th June 1889

From,

THE PRESIDENT,
District Board,
TRICHINOPOLY

1970

To,

THE Superintending Engineer
6th circle
Trichinopoly.

Sir,

Adverting to your letter No. 1117 T.C. dated the 12th March last, I have the honor to forward herewith a revised estimate for Rs 11,00 for gravelling and sanding the Kilapalur-Tirumanur ferry road, passed by the District Board in their resolution No. 67 dated the 13th June 1889.

2 The Chief Engineer would appear to have made a mistake, for the rates allowed in the former estimate were not in excess of our sanctioned schedule. Some have now however been reduced, and those entered in the revised estimate are stated

stated by the Local Fund Engineer to be the lowest possible for the work. I enclose a copy of the Local Fund Engineer's letter on the subject for your information.

3. I may add that the District Board, though they passed the estimate, have resolved at the same time to call for tenders for the amount of the work to be done this year, so that, if any saving be possible, it will be effected.

Engineer's Office
No. 2997
21 Jun. 89
P.W.D.
Sixth Circle.

[illegible] 6036/89

I have the honor to be
Sir
your most obedient servant

[illegible]
President

W

From,
THE PRESIDENT,
District Board,
TRICHINOPOLY.

To,
The Superintending Engineer
6th Circle
Trichinopoly

Dated } 20th June 1889
Despatched

No. 488 Enc. 10.

SUBJECT.

Forwarding a revised estimate for gravelling & sanding the Kilapaliir-Tirumanir ferry road for Rs 11,100.

DD
21/6.89

1970

Trichinopoly District Board's Office.

No. 146 dated 1st December 1888.

Resolution of the District Board,

TRICHINOPOLY.

PRESENT

W. A. Willock, Esquire President

Official Members

P. Ramachandra Row Esquire
Head asst. Collector

M. R. Ry Narasimma Sastri avergal Rao sahib
Dy Collector in Charge of Trichinopoly Taluq

" M. Ramasesha Iyer Avergal Rao sahib Dy Inspector of Schools

" S. Krishnama Chariar Avl Rao sahib Govt Pleader Trichinopoly

Non-Official Members

M. R. Ry T. R. Kuppusami Iyengar Avl Rao sahib

" Chellappa Chettiar "

" A. P. Thandavaraya Pillai "

" Umamahaeswara Iyer "

" Muthusami Mudaliar "

Jameed Shah Shurgura Khan sahib

Naina Mahomed Rowther "

Syed Shah Kazim Hussain Sahib Suttari Khan sahib

READ the following:—

Letter No. 207 dated 31st October from the Local Fund Engineer forwarding for sanction an estimate for Rs 13000 for gravelling and sanding ferry road No. 15.

Sanctioned.

(signed) W. A. Willock
President

(True Copy)
W. A. Willock
President

W 9

1970

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J.C
3/1280/89

J.C
2/1084/88

Enclosure No. 2 to letter No. 67 dated 15th December 1888 from the President Dt. Board Trichinopoly.

[illegible] 6030 J.C
3/1373/89

8/299-1/89.

Subject
District Board's resolution sanctioning an estimate for Rs 13000.

1970

TRICHINOPOLY, DISTRICT BOARD'S OFFICE.

15th December 1888.

NO. 67

FROM,
W. A. WILLOCK, Esquire,
PRESIDENT, DISTRICT BOARD,
TRICHINOPOLY.

TO,
THE CHIEF SECRETARY,
TO GOVERNMENT,
MADRAS.

Through the Superintending Engineer
6th Circle Trichinopoly

SIR,

I have the honor to submit for the sanction of Government an estimate for gravelling the ferry road No. 15 from Kilapaluvur to Tirumanur amounting to Rs 13000.

2 The road is one of the most important in the District connecting Kilapaluvur with Tanjore and is at present merely an earthen one. It runs for the most part through black cotton soil and has hitherto been maintained by spreading sand on the surface to give it greater

11

power

12

power of resistence to cart wheels. The traffic is very heavy and in the rainy season it becomes almost impassable. The bad state of the road has been frequently brought to notice, and the Board has decided to improve and gravel it from ferry funds which yield an annual surplus of Rs 4000. A Copy of the District Board's resolution approving of the work is herein enclosed.

3 Provision has been made in the regular estimate for the current year for Rs 5000 to be spent upon the work before its conclusion, and Rs 4000 has been provided for its advancement in the Budget Estimate of 1889-90.

4. Rupees 2620 has been allotted for the work in my proposals to utilize the surplus balance at credit of the Board (Vide my letter No.

1970

No. 68/15.12.88) and for the remaining sum of Rs 2380 an application for allotment of funds from the balance is herewith submitted.

I have the honor to be

Sir

Your most obedient servant

5 President

1970

SUPG: ENGINEER'S OFFICE
No. 1084-T.C
17 DEC. 88
P.W.D.
SIXTH CIRCLE.

4/2997 10/89

Trichinopoly Dt. Board's office

1/1280/89
T.C
1/1393/89

From.

W. A. Willock, Esquire
President Dt. Board
Trichinopoly

To

Ind Ret 2 583/89

The Chief Secretary to
Government
Madras
through the Superintending Engineer
6th Circle Trichinopoly

6036

Dated 15th }
Despd. 15 } December 1888
Received }

No. 67
Enclosures (3)

Subject
Submitting for Sanction an estimate for Rs 13000 for gravelling the road from Kilapaluvur to Tirumanur.

No. 1068.T.C

1970

1P

Report by the Superintending Engineer, VI Circle, on the Estimate for Gravelling Road No. 15 from Tirumanur to Kilapaluvur in the Trichinopoly District.

The Estimate comprises the following items:

Metalling	Rs	9697 11326
Sanding	"	1303 1,568
Petty Establishment &c.	"	100 106
Total Rupees		11100 13,000

2 This is an unmetalled road 8 miles long, and runs for the most part through black Cotton soil. Hitherto it has been maintained simply by levelling and spreading sand over the surface. During the dry weather very heavy traffic is passable, but in the wet season it is unfit for traffic. It is now proposed to metal it entirely so that it will be passable during all times of the year.

3 The top surface of the road is to be sectioned about 16 ft. in width of which 13½ feet are to be metalled, the

14

the metal to consist of 6 inches in thickness of best gravel; over this, as a finishing coat, a thin layer of sand is to be laid.

4. The road is an unbridged one, but 3 road dams each 100 feet long were constructed (last year) on the jungle streams that cross the road.

5. The rates are fair and the Estimate is recommended for sanction.

D. W. Campbell Major R.E.
Superintending Engineer VI Circle.

Supg. Engr's Office VI Circle.
Camp) Negapatam 24th February 1889

D 27/-

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1970

1393.2C

11 MAR 89
SIXTH CIRCLE

No. 1208 C d/ 9th March 1889

Forwarded to the Suptg. Engineer VI circle with a request that in view of the rates entered in the Estimate being so much in excess of those given in the Schedule for the Trichinopoly Division the Estimate may be revised and resubmitted. Attention is invited to the subscribed comparative statement.

As per schedule of rates for 100 c. feet.	As per estimate submitted for sanction for 27 c. ft or 1 c. yd.
xcavating gravel - 0-5-6	- 0-3-6
arriage of " for 1 mile } 0-1-6	- 0-3-9
Stacking gravel 0-1-0	- 0-0-6
Spreading &c - 0-2-0	- 0-3-0
otal for 100 c.ft. 0-10-"	1 c.yd - 0-10-9 100 c.ft 2-7-11

(By order)

W A Boulder Capt R.E.
Dy. Chief Engineer P.W.D.

The Suptg: Engineer VI circle
with the papers.

Mem. 1983
Encl.
6036/

From
The Supt. Engineer
VI circle.

To
The Chief Engineer
P.W.D.

No. 1068 T.C.
Dated 24
Recd. Despd. 27 } February/89.

SECRETARY TO GOVERNMENT
1 MAR 89
P.W. DEPARTMENT, MADRAS.

Enclo. 7

Report on the estimate for gravelling Road No. 15 from Tirumanur to Kilapaluvur in the Trichinopoly District –

Forwarded

1970
2

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

Camp: Kodaikanal 24th June 1889
Despd 27th

No. 2397 C

From Lt. Col: A. C. Smith R.E.
The Superintending Engineer,
6th Circle.

To
The Chief Engineer
P.W.D.

ENCLOSURES. 11.
1. Chief Engr's No. 1208 / 9.3.89 with its 7 Enclosures.
1. Presdt's letter
1. L. F. Engr's letter
1. Bd's Proceeding.

Sir,

With reference to your endorsement No 1208 C dated 9th March 1889 I have the honor to forward herewith a revised Estimate amounting to Rs: 11100 – for gravelling the Road No: 15 from Tirumanur to Kilapaluvur together with a letter from the President District Board No: 488 / 20.1.89 and its enclosures.

2. As explained by the Local Fund Engineer I consider the rates now allowed in the Estimate are reasonable and I therefore recommend it for sanction.

3. I may mention that the cartage of 1 a. 6 p. per mile, given in the schedule of rates, is for one cart load of gravel containing 15 c.ft: and not for 100 c.ft as presumed.

4. The endorsement under reference together with its enclosures are herewith returned.

I have the honor to be
Sir
Your Most obedt. Servant
A C Smith Lt. Col R.E.
Superintending Engineer

16

Memo No. 1208C d/ 9.3.89

Vide Cur 6036

From (7)

The Supdg Engineer,
VI Circle,
Trichinopoly.

To The Chief Engineer
P.W.D.
Madras.

No 239 TC

Dated 24th
Desp'd 27th } June 1889.
Rec 1/7/89

Enclosures Eleven

Gravelling Road No 15.

Resubmitting for sanction with necessary corrections the Revised Estimate of Rs 11,100 for — from Tirumanur to Kilapalur in the Trichinopoly District.

Cur 2/7/89

Og. S. 50 / 17 / 1

Public Works Department.

Current No. 6036 1970 / 17

Letter No. 239 T.C.

Dated 24th June 1889

From the Supg: Engr: VI Circle

B

NOTE OF REMARKS.

The revised Est: under Revi[illegible]ting to T[illegible]ided for [illegible]y road No 15 from Tirumanur to Kilapalur, a distance of 8 miles, in the Trichinopoly Dist:—

The original Est: was returned to the Supg: Engr: VI Circle with this Office Memo No 1208C d/ 9th March/89 in which it was pointed out that the rates given in the Est: were in excess of the rates given in the Schedule for the Trichinopoly Dn with a request that

PUBLIC WORKS DEP

Memo No. 1208C Dt 7.3.89

the Est:- may be re

A revised Est is

now ~~re~~submitted

for sanction showin

a saving of Rs 1,90

and the Supy Engr.

Con[illegible] as the rates

En[illegible] allowed in

the [illegible] are reason

revised

Com[illegible] D.

The [illegible] Est has

been [illegible] signed

by the [illegible] Asst

of the Dist Board

Engr

5/7/89

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1970
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17a

Memo No. 1208C d/ 9.3.89

Noted, & Schedule corrected accordingly -

C

6/7/89

A/ Ans

1970

No 1970 W

Public Works Department.

3 10

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 22nd July 1889

Read the following

From the Superintending Engineer VI Circle	No. 1068 I C d/ 24th February 1889.-
From the Superintending Engineer VI Circle	No. 239. I C dated 24th June 1889.-

The estimate amounting to Rs 11,100, for gravelling the road No. 15 from Tirumanur to Kilapalur in the Trichinopoly District, is sanctioned.

2o — This sanction has been registered as Local No. 16 W of 1889-90.-

Ack 20 July.

31/7

To
The Supdg Engineer VI Circle
& Local & Municipal Depts
with 5 Enclosures.

8.7.89

9.7.89

19 July

Returned in order to forward a reference

19/7

To The Hon'ble the Chief Secy
(for favor of counter-initials)

18

18-7-

8/7

(7)

1920
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Cml 17/1809
B [illegible]

Govt. of (18 89) Madras.
PUBLIC WORKS.

1970/19

23/7

Dated

Recd.

Encl.

G.O. 22 July 89 No 1970

Road No 15 from Sri-
manner to Kilapalur
Trichinopoly dt.
Est for gravelling the -
sanctioned.

80/5

⑲

D 23/7

Cnd 23/9