(1) Number of pages 40

25 (2) Date of repair 9/88

(3) Initials of the Referencer 27.4.88

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No. / B.P. No.	2720.W	Press. / Mis.
Dated	4. 11. 1884	198 .

20

Not to be folded or roughly handled.

4TH NOVEMBER 1884, No. 2720 W., PUBLIC WORKS.

2720/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

No. 245 T.N.

Report on estimate for remetalling 18 miles of road No. V, Palamcottah to Travancore *viâ* Nánganéri.

This estimate allows for remetalling the 10th to 20th miles inclusive, the 25th mile and the 29th to 33rd miles inclusive. These miles are reported to be in bad order, and to be almost entirely worn out; the estimate allows practically for remaking these miles of road.

2. The estimate allows for metalling the road with a width of 12 feet of stone (gneiss, lime-stone or quartz, as available) 4½, 6 and 9 inches thick; this to have 1½ and 2 inches of gravel to bind it, and on each side of this track, 12 feet width, gravel 3 feet in width 4½ inches thick is to be placed, making the total width of the made road 18 feet, or 6 yards.

3. The Superintending Engineer considers that it would be better to make the whole width of 6 yards, or 18 feet, of broken stone with a binding course of gravel as the old road is said to be worn out. He would not advocate a less thickness than the 4½ and 6 inches allowed for in the estimate for the broken stone portion of the road.

4. A reference to the estimate shows that the cost of the broken stone is but little more than that of the gravel; the extra cost therefore of making a good road 18 feet, or 6 yards, in width will not be much greater. It is therefore strongly recommended that the estimate be revised accordingly. The Superintending Engineer fears that the gravel sides 3 feet in width 4½ inches thick will not last long, and when destroyed the sides of the metalled road, only 12 feet in width, must break up.

5. A revised estimate for road as proposed is forwarded. It amounts to Rs. 42,700.

6. For the 14th mile lime-stone is allowed for, the cartage being 1½ miles; gneiss from Maladamparai could be delivered with the same cartage, and had better be used. In the 29th and 30th miles, gneiss might be substituted for lime-stone at a very small extra cost.

7. The rates of the estimate, as far as can be judged, are considered fair.

(Signed) H. R. MEAD, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

Proceedings of the Board of Revenue, dated 30th October 1884, Mis. No. 10210.

Read—the following letter from J. LEE-WARNER, Esq., President, Local Fund Board, Tinnevelly, to the Secretary to the Board of Revenue, dated 7th October 1884, No. 126 :—

With reference to paragraph 2 of Board's proceedings, dated 29th August 1884, Mis. No. 8092, I have the honor to forward a copy of the resolution of the Tinnevelly Circle Board, No. 2, dated 17th September 1884.

2. The Board, being already unable to provide for the full amount of the lower estimate, propose transfers of funds (*vide* application, No. 127, dated 7th October 1884) from all possible sources.

3. As regards the revised estimate, the Board observed that, the Government having concurred with the opinion of the Deputy Chief Engineer, that a metalled surface of 12 feet is ample for a first-class road, in their order, No. 1035 W., dated 26th April 1882, they are unwilling to change their plans.

Resolution—dated 30th October 1884, Mis. No. 10210.

Submitted for the orders of Government, with reference to the endorsement of the Deputy Chief Engineer, Public Works Department, dated 11th August 1884, No. 1405 C.

(A true Copy and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

ORDER—dated 4th November 1884, No. 2720 W., Public Works.

In the circumstances stated, the estimate, amounting to Rs. 35,600, for remetalling 18 miles of road No. V, from Palamcottah to Travancore *viâ* Nángunéri, is sanctioned.

2. This sanction has been registered as Local No. 43 W. of 1884-85.

(True Extract.)

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

To the Board of Revenue, with five enclosures.
" Superintending Engineer, VI Circle.
" Financial Department.

Exd. E. Fernandez.
Spare Copies.

2720/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated November, 4th.

Recd. *Encl.*

G.O., 4th Nov. 1884, No. 2720 W.

NOVEMBER.

Road No. V, from Palamcottah to Travancore via Nanguneri

Estimate for remetalling 18 miles of —, sanctioned.

Board of Revenue, 4th August 1884, No. 2670.

2720/3

PROCEEDINGS OF THE BOARD OF REVENUE.

Read—again the following Proceedings of the Board of Revenue, dated 12th July 1884, No. 3370, Routine :—

Read—the following :—

No. 1201-C.

MEMORANDUM.

[Proceedings of the Board of Revenue, No. 2058, dated 14th June 1884.]

Forwarded to the Superintending Engineer, VI Circle, for disposal, in accordance with paragraph 8 of G.O., No. 3211 W., dated 6th December 1882.

(By order.)

Chepauk,
2nd July 1884.

(Signed) C. BOWEN, Major, R.E.,
Dy. Chief Engineer, P.W.D.

Copy to the Secretary to the Board of Revenue.

(By order.)

(Signed) C. BOWEN, Major, R.E.,
Dy. Chief Engineer, P.W.D.

Resolution—dated 12th July 1884, No. 3370, Routine.

The Board observe that, as the estimate was merely for remetalling a road, it did not require to be scrutinised by the Superintending Engineer—*vide* G.O., Financial Department, dated 14th August 1883, No. 1751.

(A true Copy and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.

Read—also the following letter from Major C. BOWEN, R.E., Deputy Chief Engineer, Public Works Department, to the Secretary to the Board of Revenue, dated Chepauk, 23rd July 1884, No. 1316-C :—

Adverting to the Revenue Board's Proceedings, No. 3370, Routine, dated 12th July 1884, I have the honor to state that, as the estimate for remetalling Road No. V in the Tinnevelly District provided for repair work merely, it was transferred to the Superintending Engineer, not for scrutiny, but for disposal, as stated in this office endorsement, No. 1201-C, dated 2nd July 1884.

RESOLUTION—dated 4th August 1884, No. 2670.

Communicated to all Presidents of Local Fund Boards.

2. All estimates for remetalling roads should be classified as repairs.

(A true Copy and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

To all Presidents of Local Fund Boards.
,, the Accountant-General.
,, the Secretary to Government, Public Works Department.

Exd W. J. Lewis.

2720/4

C № 6818

PUBLIC WORKS DEPARTMENT.

1884.

Board of Revenue,

MADRAS.

Printed August th.

Proceedings, 4th August 1884, No. 2670.

Communicating to all Presidents of Local Fund Boards letter from the Deputy Chief Engineer, Public Works Department, regarding estimate for remetalling *Road No. V in Tinnevelly District*; and stating that all *estimates for remetalling roads* should be classified as *repairs.*

14th August 1883, No. 1751, Financial.

2720/5

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

Read—the following paper:—

Proceedings of the Board of Revenue, dated 20th July 1883, No. 2095.

Abstract.—Sanctioning estimate for constructing a tiled shed for travellers at Dhimbum, and submitting for orders of Government estimate for reconstructing the road from Polláchi to Pálghat in Coimbatore District.

Order—dated 14th August 1883, No. 1751, Financial.

The order quoted (G.O., No. 609, dated 22nd March 1880) will not, in future, be considered as applicable to such repairs as road metalling. Its operation will be restricted to buildings, drainage, and masonry works, and generally to all works of a special or unusual character.

(True Extract.)

Acting Chief Secretary.

To the Board of Revenue, with estimate returned.
" Public Works Department, with copy of Board's Proceedings, No. 2095.
" Accountant-General.

Exd. J. Wright.

5

No. 2577 W. of 14th Septr/83

Recorded

Sd/ C.B.

W.S.

Govt. of (1883) Madras

FINANCIAL.

Issued

Recd. Encl.

G.O., 14th August 1883, No. 1751.

No. 2577 W. of 14th Septr/83

AUGUST.

Local Fund Works.

Deciding that G.O., No. 609, dated 22nd March 1880, regarding the scrutiny of plans and estimates of — by the Chief Engineer will not, in future, be considered as applicable to such repairs as road metalling, but that its operation will be restricted to buildings, drainage, and masonry works, and generally to all works of a special or unusual character.

Secy

Exam. P.W. Accts.

Hitherden

Proceedings of the Board of Revenue.

2720/6

Dated 28 August 1884

No. 8092 Mis

READ Endorsement of the Deputy Chief Engineer P.W.D. dated 11th August 1884 No. 1405 C on letter from the Superintending Engineer 6th Circle dated 23d July 1884 No. 2451 N.

T.H.

Resolution

Forwarded to the President Local Fund Board Tinnevelly, who will lay the Estimate as revised by the Superintending Engineer, before the circle Board.

2. It has been decided that Estimates for remetalling road should be classed as Repairs vide Board's Proceedings dated 4th August 1884 No. 2670. Consequently the Local Fund Board are competent to sanction the present Estimate.

but the action taken by them should be reported to Government with reference to para 2 of G. O dated 10th September 1879 No 1752.

(True Extract)

Gordon Mackenzie
Ag. Sub Secretary

To
The President L. F. Bd.
Tinnevelly with Estimates

Copy to Secretary to Government
P. W. D.

2720/1

12 8

B. No 891 W. 7.4.80
" 918 W 10.4.80
" 2577 W 14.9.83
G.O. 3211 W 6.12.82
Pro. Bd. of Rev. 2670. 4.8.84
No 1405 C. 11.8.84

~~No 1500 Cap 10th Septr/84~~

Recorded

C.U.
4.9.84

M.
8.9.84

5

1884.

Board of Revenue,

MADRAS.

(5)

To

The Secretary to Govt.
P.W. Dept.

No 1500 Cap 10-9-84

Proceedings, dated 28th August 1884.
No. 8092 Mis

Subject.

Forwarding to the President L.F.B. Tinnevelly with instructions letter from the Dy Chief Engineer P.W.D. forwarding with remarks estimate for remetalling 18 miles of road No 5 from Palamcottah to Travancore—

P.G.S. 14/9.

With dispatch

Tinnevelly Local Fund Bd Office
7 October 1884

No. 126.

BOARD'S GEN. REG. No 7373 OF 1884

From,
J. Lee-Warner Esquire 2720/8
President Local Fund Board
Tinnevelly.

To,
E. Gibson Esquire
Secretary to the Board of Revenue
Madras.

Sir,

With reference to para 2 of Board's Proceedings dated 29 August 1884 No 8092 Mis I have the honor to forward a copy of the Resolution of the Tinnevelly Circle Board No 2 dated 17 September 1884.

2. The Board being already unable to provide for the full amount of the lower estimate propose transfer of funds — vide application No 127 dated 7 October 1884 from all possible sources.

R.L. No 7382 of 84
This has been separately submitted for the sanction of Government.
M.

3. As regards the revised estimate the Board observed that the Government having concurred with the opinion of the Deputy Chief Engineer that a metalled surface of 12 ft is ample for a first class road, in their order No 1035. W. dated

dated 26 april 1882. They are unwilling to change their plans.

I have the honor to be
Sir
Your most obed. Servant
J. Lee Warner
President.

Revenue Board Office
Madras

2720/9

Proceedings of the Board of Revenue.

Dated 30th October 1884.

No. 10210 Miscellaneous.

Read letter from the President, Local Fund Board Tinnevelly, dated 7th October 1884, No: 126.

R 4

Resolution D/- 30 Oct/84, No. 10210

Submitted for the orders of Government, with reference to the Endorsement of the Deputy Chief Engineer P.W.D. dated 11th August 1884, No: 1405 C.

(True extract)

G.W.M. Mackenzie
Ag Sub Secretary

To

The Secretary to Govt. P.W.D.
with letter & enclosures in original to be retd. - President, L.F. Board, Tinnevelly -

Copd. W.N.

2720/10

that it would be better to make the whole width of 6 yards or 18 ft of broken stone with a binding course of gravel as the old road is said to be worn out he would not advocate a less thickness than the 4½ & 6 inches allowed for in the estimate for the broken stone portion of the road.

A reference to the estimate shows that the cost of the broken stone is but little more than that of the gravel the extra cost therefore of making a good road 18 ft or 6 yards in width will not be much greater, it is therefore strongly recommended that the estimate be revised accordingly, the Supd. Engineer fears that the gravel sides 3 ft in width 4½ inches thick will not last long and when destroyed the sides of the metalled road only 12 ft in width must break up.

A revised estimate for road

p 2

as proposed is forwarded it amounts to Rs 42,700

2720/12

For the 14' mile, Lime stone is allowed for the cartage being 1½ miles Gneiss from Maledamparai could be delivered with the same cartage and had better be used. In the 29' & 30' miles Gneiss might be substituted for Lime stone at a very small extra cost.

The Rates of the estimate as far as can be judged are considered fair.

W.R. [illegible] Lt Col RE
Supd. Engineer Circle.
23. 7. 82

A

1884.
Board of Reven
MADRAS

To

The Secretary to Govt.
P. W. D.

Proceedings, dated 29th [illegible]
No. 10210

Subject.

Submitting for [illegible] of Govt. letter from the President L. F. Board Tinnevelly reporting that the Circle Board are unwilling to charge their share for the remetalling of Road No. V Nanguneri Taluk.

No. 245 T. N.

2720/11

Report on estimate for Remetalling 18 miles of Road No. V. Palamcottah to Travancore via Nanguneri.

This estimate allows for remetalling the 10th to 20th miles inclusive the 25th mile and the 29th to 33rd miles inclusive. These miles are reported to be in bad order and to be almost entirely worn out. the estimate allows practically for remaking these miles of Road.

The estimate allows for metalling the road with a width of 12 ft of stone (Gneiss Lime stone or Quartz as available) 4½, 6, & 9 inches thick. this to have 1½ + 2" inches of gravel to bind it and on each side of this track 12 ft width gravel 3 ft in width 4½ inches thick is to be placed, making the total width of the made road 18 ft or 6 yards.

The Supg. Engineer Considers

5943/84

The Estimate seems all right, but as the amount is very heavy & we can give no opinion in this Office as to sufficiency or fairness of the rates, I rather think it ought to go to S.E. for scrutiny.

Let me see G.O. 609 of 22 March 83.

CG
23.6.84

D.W.

G.O. 609 Finl., submitted.

Ch
23.6.84

I think that under para 8 of G.O. No 3211 W. of 6 Decbr 82, this should go to the S.E. for disposal. It is a repair, costing over Rs.10,000. Scrutiny in this office is useless, the rates allowed being the main point to be considered.

CG
24.6

O.25.6.84, R.2.8.84

Public Works Department, 884-85

2220/13

Current No. 5181

Letter No. 5423 Mis.

Dated the 18th June/84

From the Board of Revenue

NOTE OF REMARKS.

1. This estimate provides for remetalling 18 miles of Road No. V from Palamcottah to Travancore via Nanguneri. The estimated amount is Rs.35,600.

2. The width allowed to the metalling is 12 feet, the depth is sometimes 4½", at other times 6", and on the 32nd mile 9" depth of metalling has been given. The depth allowed to gravel when on centre of road is 1½"

3. This estimate has not been submitted to S.E. VI. apparently by authority of G.O. No. 1751 Financial of the 14th August/83.

23rd June/84

2720

P. W. 1884 DEPARTMENT.

C No. 6249

From The Sup. Engr. VI Circle

2720/T4

No. 245 T.N.
Dated 23-7-84
Recd. 28-7-84

SUBJECT.

Forwarding Estimate for remetalling road No. 5 from Palamcottah to Travancore Frontier via Nanguneri with his remarks.

Disposal.

~~No. 1405 C of 11th Aug/84~~

Forwarded to the Board of Revenue for approval to the modifications proposed by the S.E. VI Circle (B.O.)

sd. 11/8

7-8-84 / BW

1sd/ C.B.
D.E.W.

No. 334 E d/ 27-6-84
G.O. 4/3211 W d/ 6-12-82
13/2477 W d/ 14-9-83

I.C.
1500 C. 10-9-84.

6249

C.A.W.

2720/15/7/21

To enable us to dispose of this letter, will you kindly cause to be put up with it, the notes &c attached to memo no 3324 E d/ 27.6.84.

C.A.
29/7/84

S.A.W.

File herewith.

A.S.
31.7.84

8

0

43 W
19

6249

To Dir.

22/10

Forwarded whether timate as revised by the Supdg Engr may be sent to the Rev. Board for approval, prior to submitting it for the sanction of Govt. The S.E.'s revision increases the amount by Rs 7,100 –

The S.E. proposes to make the ~~[illegible]~~ metalled surface 18 feet wide. This is not in accordance with views formerly propounded by this office, but in a recent case, the S.E.'s view was accepted.

G

2/8/44

19

S.A.W.

The S.E. advocates metalling the road to 6 yards in width on the ground that metalling the margins outside the 12 ft. width will cost but little more than patching them. For most roads (but [illegible]) 12 ft. metalled width is sufficient, but in this case & with reference to S.E.'s remarks I observe that in many of the [illegible] the rate for metal is double that for gravel, and ~~[illegible]~~ miles even more than double. At same time the metal if well put down will of course last very much longer & will, if used in the margins or berms, help towards more economical maintenance of the central width. On these points S.E. is the best judge, & his Estimate may be accepted (with C.E.'s approval of course) but it had better first be sent forward to Govt. [illegible] for their approval of the modification proposed.

E.S.
4-8-84

S.A.W.
I have signed the endorsement but it should go to Secy for W's [illegible] initials before despatch – vide note above.

C.S.
6-8-84

Endt. marked for W.

6-8-84

1884

P. W. DEPARTMENT.

Current No. 5181

228/12

From
The Board of Revenue

Enclos.— 5

No. 5423. Mis:
Dated 18th June
Received 19 " "

SUBJECT.

Submitting for the sanction of Government estimate for remetalling 18 miles of road No. V from Palamcottah to Travancore via Nanguneri.

DISPOSAL.

No. Dated

Forwarded to the Suptg: Engr: VI circle for disposal, under para-8 of G.O. No. 3211 W dated 6 December /82

(By order)
Sd/ C. Bowen
Dy. Ch. Engr.
P.W.D.

S.E. VI circle (Sd) J.L.S.
P.Y.S. 109/C. with the papers in original

23 W
19

G.O. 609 d/ 22-3-80 (Fund)
" 2577 W d/ 14-9-83.
" 3211 W d/ 8-12-82.

2720

9095

D.W.

2720/18

The Local Fund Board cannot afford to revise the orig. estimate as recommended by the S.E. VI Circle.

For orders whether it may be sanctioned for the original amount.

31.10.84

S.a.W.

The Estimate may be sanctd for the original amount.

8-11-84

27 W

18

ocal Wk. 43 W

19

A/

Mr Rust

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

2720/19

From

The Supt Engineer VI Circle (He No: 245 T.R. dated 23rd July 1884.)

The Board of Revenue Cn -10210 d/30th Oct/84

In the circumstances stated, the estimate amounting to Rs 35,600, for remetalling eighteen miles of road No: V from Palamcottah to Travancore via Nanguneri, is sanctioned.

2. This sanction has been registered as Local No: 43 W

19

of 1884-85.

2720

CJ.
3.11.84

JS
3.11.84

Board of Revenue
with 5 Enclosures

S. Go. VI. Circular

Fin. Dept.

Desp. 14-11-84

2720/20

20

9095

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated

Recd. Encl.

G.O., 4 [illegible] 1884, No. 2770

Road No V from Palamcottah
to Travancore via
Nanguneri

Est for [illegible]
of the [illegible]
sanctioned

60
5

Rd 5.0

5/11 587