Archives I 10,006 -16-8 77.

(1) Number of pages 74

(2) Date of repair 2-387

(3) Initials of the Referencer Lomas

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W

DEPARTMENT

G.O. No. / B.P. No.	153	Press. / Mis.

Dated 18-1-1882 197 .

AH

t to be folded or ***roughly handled***

153/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

18th January 1882, No. 153 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 90. From Lieutenant-Colonel J. BEATTY, R.E., Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 30th May 1881, No. 317 T.C.

I HAVE the honor to submit herewith an estimate of Rs. 78,700 for making a first-class road, metalled and bridged throughout, from Cumbum to the foot of the Gúdalúr Ghât, in the Madura District.

Enclosures as per accompanying List.
Plans and Estimates sent separately.

2. The estimate was called for in G.O., No. 2828 W., of 7th December 1880, and I regret that I have not been able to submit it sooner. The delay has been due to the reduced state of the establishment and pressure of other work.

3. The piece of road now proposed to be made is about 10 miles long, and is situated at the head of the Cumbum valley. It is of importance as being part of the high road into north Travancore, *viâ* the Gúdalúr Ghât. A gravelled Local Fund road, on which there is considerable traffic, leads from Ammayanáyakanúr on the South Indian Railway, *viâ* Periyakulam, to Cumbum; and I have no doubt when this short but expensive section of the line is completed, and the portion of Gúdalúr Ghât in British territory put in good order, there will be great increase of traffic between Madura and Travancore.

4. The Cumbum-Gúdalúr road will be an expensive one to make for the following reasons :—

I.—Labor and carriage are scarce and dear in that neighbourhood; the head of the Cumbum valley being sparsely populated.

II.—Though the country is open and tolerably free from jungle (with the exception of the lines of the principal streams, which are well clothed with jungle,) it is reputed to be feverish and unhealthy.

III.—One considerable nullah and two minor ones, bearing the drainage of the adjoining hills, and with very steep fall in their beds, cross the line of road; these must become torrents at times of exceptional rain-fall in the hills, and as their banks are thickly fringed with trees and jungle, it becomes necessary to provide for the safety of the masonry works upon them by allowing very ample height and width of waterway.

5. It will be observed, by the longitudinal section of the line, that there is a total fall of 400 feet in the 10 miles from the foot of the ghât to Cumbum. The line had been laid out and partly formed at some time; but having been left unfinished and long neglected, it is now marked chiefly by the traces of side channels and the few small masonry works. It is almost straight; the steepest gradient upon it is one in 21, and that only for a short distance near the foot of the ghât.

6. The three principal streams are now the great obstacles to traffic on the line, owing to their deep channels and steep banks; and of course they are quite impassable when in flood. Otherwise, in dry weather it is, as an unmade road, a very practicable one for country-carts.

7. Between Cumbum and Gúdalúr the road passes over cotton soil; beyond Gúdalúr to the foot of the ghât a red clay, containing kunkur in places, is met with.

Firewood is of course abundant in the neighbourhood, especially on the principal streams.

The most convenient site for brick-making is on the Kuruvanuthu, a little way above the site of the proposed bridge.

The best limestone, so far as yet ascertained, is found between the Shuragam and Kakanodai nullahs, and the best place for burning it will be at the latter stream. The lime-stone is found in the nodular form.

The stone most easily procurable is a kind of gneiss, of a grey colour, which can be burnt off in layers, and broken to sizes for building purposes. It will have to be carted 2½ miles to the large bridges.

There is no good gravel available within many miles, but an inferior description is met with near the village of Gúdalúr. Disintegrated rock is also found near the foot of the hills, and material for metalling in abundance there, and in small quantities all along the line.

8. The works now proposed include the formation of a roadway 24 feet wide at top, of which 18 feet will be gravelled with the best material that may be found near the line, to a thickness of 10 inches. The berms and side slopes, where the road is on embankment, are to be turfed. All streams are to be provided with suitable masonry works.

9. The estimate provides for building the three principal bridges with coursed rubble in chunam, carefully grouted and pointed. The arch-work is to be of brick, faced with cut-stone; the cut-waters also being of large stone, carefully fitted and laid. The foundations of the Kuruvanuthu bridge are to be protected, in the lower part of the bed which is sandy, with a masonry flooring and aprons with retaining walls. Elsewhere the foundations will be protected with floorings and aprons of packed stone, strengthened with piling.

10. The minor masonry works, consisting of sixteen new tunnels and one road dam, are to be built of brick in chunam; covering stones being used instead of arch-work, as these can be obtained at a reasonable price.

11. The existing masonry works, which consist of fifteen road dams, varying from 23 to 74 feet in length between wings, will be repaired and strengthened with rear aprons.

12. In an appendix to this letter I have given an abstract showing the nature and cost of the several items in the estimate now submitted.

13. As recommended in my letter No. 166 T.C. of 6th instant, in the case of the Gúdalúr Ghât repairs, I would suggest that this work also should be handed over to the Local Fund Board of the Dindigul Circle, if they are willing to undertake it on the understanding that it is to be carried out in strict accordance with the plans and specifications that accompany the estimate.

C.E. No. 1402.

REFERRED, in continuation of No. 1242, dated 18th May 1881, to the Revenue Department, for inquiry whether the Local Fund Board, Dindigul Circle, will undertake the work if funds be provided by the Public Works Department.

13th June 1881. (Signed) C. C. RAWSON, Captain, R.E.,
Ag. Deputy Chief Engineer, P.W.D.

To the Revenue Department, with twenty-four enclosures.

153/2

No. 90-A. Endorsement of the Chief Secretary to Government, Financial Department, dated 28th November 1881, No. 1910.

Proceedings of the Board of Revenue, dated 22nd November 1881, No. 2907.

Read the following letter from H. J. STOKES, Esq., President of the Local Fund Boards, Madura, to the Secretary to the Board of Revenue, dated ———, No. 168.

IN continuation of my letter No. 150 of the 7th instant, I have the honor to forward herewith copy of Mr. Hardy's letter, No. 3 of the 20th idem, submitting proposals for repairing the Cumbum-Gúdalúr roads, &c.

The estimates,* &c., for both the road works are returned.

* 1. Estimate for the repair of the Ghât road.
2. Superintending Engineer's letter, with 24 enclosures, No. 3177 C., dated 30th May 1881, forwarding estimates for the repairs of the Cumbum road.

Read also G.O., Financial Department, dated 8th November 1881, No. 2167.

THE President's letter read above is submitted for the orders of Government in continuation of Board's Proceedings, dated 1st November 1881, No. 2582.

(A true Copy and Extract.)

(Signed) E. GIBSON,
Acting Sub-Secretary.

TRANSFERRED to the Public Works Department, with reference to G.O., No. 2864, dated 16th November 1881.

(Signed) E. S. LAFFAN,
for Chief Secretary.

No. 90-B. From the Superintending Engineer, Sixth Circle, dated 28th November 1881, No. 82 M.D.

No. 90-C. Proceedings of the Board of Revenue, dated 12th December 1881, No. 3210.

No. 90-D. From the Superintending Engineer, Sixth Circle, dated 31st December 1881, No. 135 C.

No. 91. ORDER THEREON, 18th January 1882, No. 153 W.

THE estimate for constructing a first-class road from Cumbum to the foot of the Gúdalúr Ghât, the amount of which has been reduced by the Chief Engineer from Rs. 78,700 to Rs. 72,148, by limiting the width of metalling to 12 instead of 18 feet, is sanctioned for execution by the Local Fund Board, Dindigul Circle.

2. A sum of Rs. 13,180 is available for the work in the current year's Provincial Budget, and Rs. 20,000 will be provided in the budget of the ensuing year. The Local Fund Board will be kept in funds by the Superintending Engineer in the manner prescribed in G.O., No. 1375 W., dated 14th June 1880. The petty establishment required by the Local Fund Engineer should be charged to the estimate.

3. This sanction has been registered as Provincial No. 113 W. of 1881-82, and classified as Communications, Original Works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Board of Revenue, with twenty-one enclosures.
" Superintending Engineer, Sixth Circle.
" Examiner, Public Works Accounts, with duplicate Abstract Estimate.
" Financial Department.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

To

THE BOARD OF REVENUE,
&c., &c., &c.

Dated January, 18th.

Issued

Read. Encl.

G.O., 18th January 1882, No. 153 W.

JANUARY.
Nos. 90-91.

Road from Cumbum to the foot of the Gúdalúr Ghât.—Estimate for constructing a first-class — sanctioned for execution by the Local Fund Board, Dindigul Circle.

No 317 T.C

Supg Engrs Office 3rd Circle
Spetchiwaply 30th May 1881
Recd 3rd June

From.

Lieut-Col J. Beatty R.E.
Supg Engineer 3rd Circle

To,

Col R. H. Sankey Co R.E.
Chief Engineer P.W.D.
Madras

Buildings & Roads.

Enclosures as per accompanying list. Plans and estimates sent separately.

Sir,

I have the honor to submit herewith an Estimate of Rs 78,700, for making a first class Road, metalled and bridged throughout, from Cumbum to the foot of the Gudalur Ghaut, in the Madura District.

2. The Estimate was called for in G.O. No 2828 W, of 7th December 80, and I regret that I have not been able to submit it sooner. The delay has been due to the reduced state of the Establishment and pressure of other work.

3. The piece of Road now

proposed to be made is about ten
miles long, and is situated at
the head of the Cumbum valley.
It is of importance as being part
of the high road into North Tra-
vancore, via the Gudalur Ghaut.
A gravelled Local Fund Road,
on which there is considerable
traffic, leads from Ammaya-
-naikanur on the South Indian
Railway via Periyakulam to
Cumbum; and I have no doubt
when this short but expensive
section of the line is completed,
and the portion of Gudalur Ghaut
in British territory put in good
order, there will be great increase
of traffic between Madura and
Travancore.

4 The Cumbum Gudalur
Road will be an expensive one
to make for the following reasons.

I. Labor and carriage are
scarce and dear in that neighbour-
-hood; the head of the Cumbum
valley being sparsely populated.

II. Though the country is open
and tolerably free from jungle
(with the exception of the lines
of the principal streams, which
are well clothed with jungle) it
is reputed to be feverish and
unhealthy.

III. One considerable Nullah
and two Minor ones, bearing the
drainage of the adjoining hills,
and with very steep fall in their
beds, cross the line of Road;
these must become torrents at
times of exceptional rainfall in
the hills, and as their banks
are thickly fringed with trees
and jungle, it becomes neces-
-sary to provide for the safety
of the Masonry works upon
them by allowing very ample
height and width of waterway.

5. It will be observed, by
the longitudinal section of the
line, that there is a total fall
of 400 feet in the ten miles from
the foot of the Ghaut to Cumbum

The line had been laid out and partly formed at some time; but having been left unfinished, and long neglected, it is now marked chiefly by the traces of side channels and the few small masonry works. It is almost straight; the steepest gradient upon it is 1 in 29, and that only for a short distance near the foot of the ghaut.

6. The three principal Streams are now the great obstacles to traffic on the line, owing to their deep channels and steep banks; and of course they are quite impassable when in flood. Otherwise, in dry weather it is as an unmade road, a very passable one for Country Carts.

7. Between Cumbum and Gudalur the road passes over Cotton soil; beyond Gudalur to the foot of the Ghaut a red clay, containing kankar in places, is met with.

Firewood

157/6 Firewood is of course abundant in the neighbourhood, especially on the principal Streams.

The most convenient site for brickmaking is on the Thuvanathu, a little way above the site of the proposed bridge.

The best limestone, so far as yet ascertained, is found between the Sheragam and Nadukodai Mullahs, and the best place for burning it will be at the latter Stream. The limestone is found in the nodular form.

The stone most easily procurable is a kind of gneiss, of a grey colour, which can be barred off in layers, and broken to sizes for building purposes. It will have to be carted 2½ Miles to the large bridges.

There is no good gravel available within many Miles, but an inferior description is met with near the village of Gudalur. Disintegrated rock is also found near

the foot of the hills, and material for metalling in abundance there, and in small quantities all along the line.

8. The works now proposed include the formation of a Roadway 24 ft. wide at top, of which 18 ft. will be gravelled with the best material that may be found near the line, to a thickness of two inches. The berms and side slopes, where the road is on Embankment, are to be turfed. All Streams are to be provided with suitable Masonry works.

9. The Estimate provides for building the three principal bridges with Coursed Rubble in Chunam, carefully grouted and pointed. The arch work is to be of brick, faced with cut Stone; the Cut-waters also being of large stone, carefully fitted and laid. The foundations of the Karuvanathu bridge, are to be protected, in the lower part of the bed which

is Syl sandy, with a Masonry flooring and aprons with retaining walls. Elsewhere, the foundations will be protected with floorings and aprons of packed stone, strengthened with piling.

10. The Minor Masonry works, Consisting of 16 New tunnels and one Road Culvert, are to be built of brick in Chunam; Covering Stones being used instead of arch work, as these can be obtained at a reasonable price.

11. The Existing Masonry works, which Consist of 15 Road Culverts, varying from 23 to 74 feet in length between wings, will be repaired and strengthened with peat Aprons.

12. In an Appendix to this letter I have given an Abstract showing the nature and cost of the several items in the Estimate now submitted.

13. As recommended in my letter No. 166 P.C of 6th Instant in the case of the Gudalur

Ghaut Repairs, I would suggest that this work also should be handed over to the Local Fund Board of the Dindigul Circle, if they are willing to undertake it, on the understanding that it is to be carried out in strict accordance with the Plans and Specifications that accompany the Estimate.

I have the honor to be
Sir
Your Most Obdt Servt
L. Beatty - Lt. Col. R.E.
Supg Engineer 3rd Circle

15/8

P.W.C. N. 3358

Roads & Buildings.

From,
The Supg Engineer
3rd Circle

To,
The Chief Engineer
P.W.D.

No. 317 T.C.

Dated 30th May 1881
Rd. 7th June

Encls. 24
(12 plans)

Cumbum-Gudalur Road.

Submitting plans & estimates for amounting to Rs 78,700 for the ——

Judgt Rec'd 23/4/81.
Rev 1/3155 of 81.
Dr Encl 17/6/81

P. W. DEPARTMENT—1881-82.

MEMORANDUM.

Current No. 3358 15/6

Letter Number 317 T.C.

dated the 30th May 1881

from the Supg. Engineer ~~of~~ 3rd Circle

Referred, in continuation of No. 1242 of 18th May 1881, to the Rev. Dept. for inquiry whether the Local Fund Board Dindigul Circle, will undertake the work if funds be provided by the P.W. Dept

(By order)

Cy

D/ S.W.

To The Revenue Dept
with the letter above
quoted & 24 encls.

No 3.

Zemindari Engineers Office
Pandamangalakavur
26th October 1904.

153/10

153/19

From. The Zemindary Engineer,
Pandamangalakavur Via Estate.

To The President of the
Local Fund Boards.
Dindigal Circle
Madura.

Sir,

With reference to your letter of the 4th Instt. I have the honor to return herewith the Plans, Estimates &c for the works on the Dumbens. Gudalur Road and to submit the following proposals for carrying them out.

In the estimate a sum of Rs 2540 is allowed for Overseer and petty supervision. With this amount I am prepared to make my necessary arrangements to carry out the superintendence of the work; but the above is independent of Office establishment which, I consider, should be allowed for as extra, and would propose the following -

Viz. Writer - Rupees (10) Ten - per mensem.
Draughtsman - (15) —a— —a—.
4 Lascars —— (24) —a— —a—.

I am aware that, at present and for sometime past an Overseer on Rupees 100 per mensem has been engaged, and also petty supervision, so that a good proportion

proportion of the estimated amount for these 2 items has already been expended; and it remains to be seen whether work in proportion has been executed.

I shall require all necessary tools supplied me.

If the total funds are at once allotted, the works will be sooner completed and the cost of Establishment reduced.

I have &c.,
(Signed) J. D. Hardy
Commissary Engineer

(True Copy)

H. J. Stokes.
Colonial Secretary

1881 DEPARTMENT.

Enc. No III in bdle

From,

The President

Local Fund Boards

Madura.

No. 168

Dated 26th
Despatched 27th October 1881
Received

No.

Subject

Submits plans &c of Kurumanthie Bridge on the Gudalur Road.

Ref. to Govt. No. 3240 of 81

List of Enclosures to the letter from the Supt Engineer 3d Circle to the Chief Engineer P.W.D. dated 30 May 1881. No. 317 T.C.

Cumbum Gudalur Road.

153/12

No.	Plan No.	Sheet No.	
1	I	---	Sketch map —
2	II	1 to 2	Survey —
2	III	1 to 2	Longitudinal Section —
1	IV	1.	Plan of Masonry works —
1	V	1.	" Kurumanthie Bridge —
1	VI	1.	" Kakanodai —
1	VII	1.	" Shuruganodai —
1	VIII	1.	Longitudinal & trans. Sections of Kurumanthie Stream
1	"	2	" " of Kakanodai —
1	"	3	" " of Shuruganodai —
1.			Detailed Estimate for Earth work —
1.			Details & abstract Ests. for improvement of Existing masonry works —
1			" " for minor masonry works
1.			" " with report for Constructing Kurumanthie Bridge
1			" " Kakanodai —
1			" " Shuruganodai —
1			General abstract Estimate —
1			" Report —
1			" Specification —
1			" abstract Estimate to the Revenue
22.			Total Enclosures.

Superintending Engineer's office
3d Circle Trichinopoly
30. May 1881.

L. Beatty Lieut. R.E.
Superintending Engineer 3d Circle

Appendix to letter from Supt. Engineer 3d Circle to the Chief Engr. P. W. D. No. dated 30th May 181

Abstract of work to be done on the Cumbum-Gudalur Road.

	Rupees
Earth work	6,445
Fencing	1,299
Gravelling	15,753
Broken Stone over road laws	366
Repairing and improving existing Masonry works	920
Constructing new tunnels & Road Laws	8,280
1 Bridge	26,440
1 Do.	6,000
1 Do.	3,750
Mile Stones	23
Hutting Coolies & building Store sheds	1,500
Special Overseers	2,400
Petty Superintendence	1,190
Contingencies	1,334
Total Rupees	78,700

E. Beatty. Lieut. Corps
Sup. Engineer 3d Circle.

Clw. 6999 -

Cumbum Eradalchi Road

Travelling - 12 ft breadth.

Estimate Reduced. to

Rs. 72,150 - 0 - 0

Saving Rs. 6,350 - 0 - 0

Clio 94
153/1

D & W.

Cunnlumn-Sudaluer Road.

The estimate has been reduced by the Technical section of this office, the figures for the present being entered in pencil.

If you approve, they will be entered in ink after the draft Order has been ~~approved~~ passed by the H. of R.

CG
12/1/82

Approved.
Send On.
13.1.82

6999

D/W. 153/16

Estimate for the Cumbum Sudalur road.

Draft order in usual terms submitted for approval, but please see notes by Major Pennycuick & be attached to G.O. No 2571 W&M/14 Oct 81.

C4
6/12

Estimate provides 18 feet Bridge with Retaining walls instead of 12'.

15/12-81

See Offr. Librarian Has been received 9.1.82

Budget Clerk.

P. W. DEPARTMENT—1881-82.

~~MEMORANDUM.~~

93/17

Current No. 6999

Rev Que's ~~Letter~~ Number 2907

dated the 22nd November 1881

from the ~~Supg. Engineer of~~ Board of Revenue.

Note of Remarks.

The Estimates in the Plans Sections, Sections, Report & Specifications, for making a First Class road, metalled & bridged throughout from Cumbum to the foot of the Andalur Ghaut in the Madura Dist. Amounting in the Aggregate to Rs 78700.

The following abstract shews the nature & Cost of the several items in the Estimate.

1- Earthwork	Rs	6445-
2- Turfing	"	1299-
3- Gravelling	"	18753-
4- Broken Stone over road dam	"	366-
5- Repairing & Surfacing Existing Masonry Work	"	920-
6- Canals Road Tunnels & road dams	"	8280
7- do- Bridge of 5 Arches, 40 ft Span	"	26440
8- do do of 3 Arches, 2- 20 ft & 1- 30 ft Span	"	6000
9- do- do- of 1 Arch 25 ft Span	"	3750
10- Mile Stones	"	23-
11- Huttus Coolies & building One Shed	"	1500-
12- Special Overseer	"	2400
13- Petty Superviciem	"	1190
14- Contingencies	"	1334
Total Rupees.		78703.

Thes

The portion of road proposed to be made, is about 10 miles & 1700 ft long - the roadway to be 24 ft wide at top, of which 18 ft will be gravelled to a thickness of 10 inches. The berms & side slopes, where the road is in embankment, are to be turfed - All streams are to be provided with suitable Masonry Works. The Estimate provides for 3 large Bridges & other minor Masonry Works, consisting of sixteen Culverts & one road dam - & all existing masonry works will be repaired & strengthened.

The Longitudinal section of the line of road shews, that there is a total fall of 400 ft. in the 10 miles from the foot of the Ghaut to Cumbum & the steepest gradient is 1 in 31 for a short distance, near the foot of the Ghaut.

The Rates entered are slightly in excess of the Schedules.

The Plans & Estimates have not been Countersigned by the President Local Fund Board.

2nd Decr/81

No. 3358.
Letter No. 317 - T.C.
Dated the 30th May 1881.
From the Supt. Ry. 3rd Circle.

Note of Remarks.

The Estimates with Plans Surveys, Sections, Reports & Specifications for making a First-class road, Metalled & Bridged throughout from Cumbum to the foot of the Travelers Ghaut in the Madura Dist. Amtg in all to Rs. 78,700 -

The following Abstract shews the nature & Cost of the several items in the Estimate.

1 - Earth Work	—	Rs. 6045.
2 - Turfing	—	" 1299 -
3 - Gravelling	—	" 18,753.
4 - Broken Stone over road dam	—	" 366.
5 - Repairing & Improving Existing Masonry Works	—	" 900.
6 - Small Road Culverts & road dams	—	" 8280.
7 - Bridge of 5 Arches - 40 ft Span	—	" 26,440.
8 — do — of 3 Arches - 2 - 20 ft & 1 - 30 ft Span	—	" 6000
9 — do — of 1 Arch - 25 ft Span	—	" 3750.
10 - Mile stones	—	" 23.
11 - Hutting Coolies & building Stone Shed	—	" 1500.
12 - Special Overseer	—	" 2400
13 - Petty Supervision	—	" 1190.
14 - Contingencies	—	" 1334.
Total Rupees		78,700

The portion of Road proposed to be made is about 10 miles & 1700 ft long - the Roadway to be 24 ft wide at top, of which 18 ft.

18ft will be gravelled to
thickness of 10 inches -
berms & side slopes. wh
the road is in Embankm
are to be turfed - All the
are to be provided with Cul
Masonry Works - The Estima
provides for 3 Large Bridges
& all Existing Masonry Work
will be repaired & strengthen

The Rates are slightly a
Excess of the Dist Schedule.

The Supg Engr. suggest
that this Work also shou
be handed over to the Loca
Fund Board - Indigul
Circle, if they are willing to
undertake it.

10th June 1881.

C. No. 3368

P. W. Secretariat.

153/19

Note by Budget Section.

Work	Remarks and References.
Making a first-class road, metalled and bridged throughout from Cumbum to the foot of the Gudalur Ghaut.	

Fund Provincial

Service Head Communications

Departmental Head Irrigation Works

Amount of estimate	Rs	78,700
Expenditure in previous year	"	"
Allotment in current year	"	20,000
Balance required to complete	"	58,700
Total Rs.		78,700

Note of available funds.

Rs 20000 are provided for this work in the Provincial Budget for 1881/82 Item No 27 - Out of this sum Rs 6820 were proposed to be allotted for repairing a portion of the Gudalur Ghaut, vide Note put up with Memo. No 1242 of 18th May 1881.

11/6/81

Budget Clerk.

REVENUE BOARD OFFICE MADRAS

CURRENT No. 3248.

153/20

Proceedings of the Board of Revenue,

Dated 22d November 1881.

No. 2907 ~~Miscellaneous.~~

READ the following

No 168

From,

The President of the
Local Fund Board
Madura

To,

The Secretary to the
Board of Revenue
Madras

Sir,

In continuation of my letter No 150 of the 7th Instant, I have the honor to forward herewith Copy of Mr Hardy's letter No 3 of the 20th idem submitting proposals for repairing the Cumbum, Gudalur road &c.

The Estimates &c for both the road works are returned.

I have &c
(Signed) H. J. Stokes
President.

Read

1. Estimate for the repairs of the Ghat road.
2. Superintending Engineer's letter with 24 Enclosures No 317 C dated 30th May 1881 forwarding estimates for the repairing of the Cumbum road.

153/21

8

Read also Government Order, F.C. dated 8th November 1881 No 2167.

The President's letter read above is submitted for the orders of Government in continuation of Board's Proceedings dated 1st Nov 1881 No 2582.

(True Copy & Extract)

E. Gibbon
Ag Sub Secretary

To
The Chief Secretary to Government
Financial Department
with 3 enclosures in G.R. No 7900 of 1881 in original; (the 2d containing 24 Enclosures in Govt R. No 2374 of 1881)

Ed Abbott
Capt Ramasamy Pelly

153
27

1881 DEPARTMENT.

Encl. with letter.

From,

The President

Local Fund Boards

Madura.

No. 168.

Dated 26th
Despatched 27th
Received 6 Aug 1881

No.

Judl Dept 7900/81.
Cont 22 Encl
Ch. Engr 2376/81

Subject

Superintending Engineer's letter with 24 enclosures. No 3177C dated 30th May 1881 forwarding estimate for the repair of the Cumbum road.

In Judl 3248 of 81

1881.

Board of Revenue,

MADRAS.

To

The Chief Secretary
to Government, &c.

CURRENT No. 3248
R. D.
25 NOV 81

Proceedings, dated 22nd Nov 1881.
No. 2907 ~~Miscellaneous.~~

Subject.

Submitting for the orders of Government in continuation of Board's Proc: dated 1st Nov/81 No 2582 letter from the President Local Fund Board, Madura, forwarding copy of Mr Hoardy's letter submitting proposals for repairing the Cumbum Gudalur road &c

Re 1910

Transferred to Rs P.W. Dept. vide Govt Secretary's Proc. No 2864 dated 16th Dec 1881 for necessary action

28/12/81

C. No. 6993

P. W. Secretariat.

Note by Budget Section.

153/24

Work

Remarks and References.

Completing a first class Road from Cumbum to the foot of the Gudalur ghat

Fund Provincial Services (Provincial)
Service Head Communications ... Rs.
Departmental Head Original Work. ... „
Amount of estimate ... ... Rs 78,700
Expenditure in previous year ... ... „ 972
Allotment in current year ... ... „ 13,180
Balance required to complete ... ... „ 64,548

Total Rs... 78,700

Note of available funds.

Rupees 20,000 are provided for this work in the Provincial Budget for 1882-83. The work is to be carried out by the Local Fund Board. vide last para of the Superintending Engineer's letter No 317 TC dated 30 May/81 and the President's letter No 3 of 20 October 1881.

Budget Clerk.
5/12/81.

№ 82 M.D. Supt Engrs Office 6t Circle.
Upper ameut 28t Novr 81.

Roads & Buildings Simon.

152/25

Colonel J. Realty R.E.
Supt Engineer 6t Circle.

To,

Col R. H. Sankey C.B. R.E.
Chief Engineer P.W.D.

Sir,

With reference to para 2 of G.O. № 2864 W of the 16t Instant, I have the honor to inform you that the Executive Engineer Madura Division has been instructed to place the sum of Rs 6,820 at the disposal of the President, Local Fund Board for repairing the portion of the Gudalur Ghaut in British Territory, and to confine his expenditure on the Gundrum Gudalur road to the balance of the Budget allotment viz Rs 13,180.

2. In my letter № 1108 T.C of the 23d November 1881, I informed

153
26

you that I had made arrange-
-ments to utilize the original
allotment of Rs 20,000 on the
preparation of materials &c.
I therefore request to be informed
whether any extra allotment can
be sanctioned or whether I should
stop work within the reduced
allotment of Rs 13,180.

3. The favor of an early
reply is solicited.

I have the honor to be
Sir
Your most obt servt

L Beatty - Col R.E
Insp Engineer Hebrides

From P. W. D. No 703

The Supt. Engineer
6th circle.

To

The Chief Engineer
P. W. D.

1

No 82 M.D.
Dated 28th November 81.
Recd

Cumbum Gudalur Road: —

Informs that he has directed Rs 6820 to be placed at the disposal of the President Local Fund Board for repairing the Gudalur Ghaut in British Territory — & requests to be informed if additional funds for ——— can be granted.

REVENUE BOARD OFFICE MADRAS

153/27

Proceedings of the Board of Revenue,

Dated 12th December 1881.

No. 3210 Miscellaneous.

Read G. O. P. W. D dated 16th November 1881 No. 2864 M.

Communicated to the President Local Fund Boards, Madura District.

2. With reference to para 4 of the G.O. it is observed that the President's report on the subject has already been submitted to Government with Board's Proceedings dated and communicated 22nd November 1881 No 2907.

(True Extract)

Ag Sub Secretary

To

The Secretary to Government
P. W. Department

xd 3703
Copy d/o to Supt Engr

1881.

Board of Revenue,

MADRAS.

To

The Secretary to Government
P.W. Dept.

Rec'd 13 Dec 81

Proceedings, dated 12th December 1881.

No. 3210

Subject.

Informing Government that a reply to memo: No 1402 of 13 June 1881 relative to the estimate for completing the road from Cumbum to the foot of the Gudalur Ghat has already been submitted to Govt with Board's Pro: 22nd Nov 1881 No 2907.

Jemindara Engineers Office
Cpandamangalam
12th December 1881.

No 4

From

The Jemindari Engineer
Cpandamangalam &c Estate

To

The President
Local Fund Board
Madura.

Sir,

In reply to your Mem: No 547 of the 4 Current on the Madura Executive Engineers letter of the 1st idem No 1071, I have the honor to inform you that I shall be able to undertake the work, in all probability, by the opening of the ensuing month from which time funds should be supplied.

In the meantime, I beg to be furnished with all necessary information in connection with the work, in question, as already called for in my letter No 7 of the 27th September 1881 Paras 2 & 3.

I also wish to know of the result of any proposals as to the extra establishment required by me. With regard to para III of the Executive Engineers' under reference, I beg to submit that, as it depends on the rate of progress of work, I think it well to have always a good indent in hand, and, Rupees 2000 will, therefore, be sufficient

Considering

Considering my constant trips, the practice of keeping this imprest in Cash in my Office, is not a salutary course to be adopted, and, I therefore beg to suggest that I should be authorized to issue Cheques for whatever amount I may require below Rs 3000 on the Chinnamanur Dy Tahsildar at whose Treasury this being the nearest — this imprest (i.e) Rs 3000, should be placed to my credit periodically recouped On Dy submission of my accounts for, to carry Cash with me will impede my movements and necessitate Cash-peons or police being left in Charge of Cash box.—

Therefore the system of giving Cheques whenever money is required is preferable —

From the Superintending Engineers No 01 Dr dt. to the Ex. Engineer, Madura, it appears that Rs 20,000 have been allotted this year to the road from Cumbum to the foot of the Gudalur Ghat, of which Rs 6820 will be devoted to that portion of the Ghat now entrusted to me, while the rest Rs 13,180 will be expended by the Madura Ex Engineer on the other portion of the line.

This leads me to suppose that only the Gudalur Ghat has been placed under my charge, and, that the rest of the line will be conducted by the Madura Ex Engineer —

At the same time, referring to the Government order under date the 16th ultimo No 2264 M. I see that, as to the road from Cumbum to the foot of the Gudalur Ghat, nothing has yet been decided, and the Government await a reply to their Memorandum regarding it —

The simultaneous execution of both works (Gudalur Ghat portion and the line of road from Cumbum to the foot of this Ghat) in the same locality, and, so contiguous to each other, by different Officers, will inevitably prove detrimental to the lesser work especially, because the larger work is advantageously situated on the plains, and, will naturally be preferred by all classes of labour to that up the Ghat — In such case, one of them should be suspended until the other is completed; or, both should be entrusted to one and the same Officer who can then look after both conveniently, —

If I have to take over the other portion the people working thereon should be

be stopped.

Of course these are only my suggestions, but whatever orders you choose to give me on the subject, will be carried out. The enclosures returned.

I have &c.

(Signed) H. Hardy

Executive Engineer

P.S. I have sent this direct to the President but all future communications will be addressed to the Vice President L.F. Board, Madura, to whom a copy of this letter will be sent.

H. Hardy

Executive Engineers

(True Copy)

H. Stokes.

President.

Enclosures with Local Fund No. 339 dt 17.12.81

SUPERINTENDING ENGINEER'S OFFICE
21 DEC 81
RECEIVED

Local Fund DEPARTMENT.

No. 339

LOCAL FUND BOARD'S OFFICE
Madura, 17 December 1881.

From

The President of the
Local Fund Boards,
Madura

To

The Superintending Engineer
6th Circle
Trichinopoly.

153/31

Enclosure one.

SIR,

With reference to your endorsement to the Executive Engineer's endorsement No. 81 dated 28 November 1881, I have the honor to forward herewith for your consideration a copy of Mr. Hardy's letter No. G. 12/12-81, and with reference thereto, I have the honor to point out that it is inadvisable to put the two works of ghât road and Cumbum road under two separate supervising agency, as such a course will be disadvantageous to the proper execution of the ghât road work.

I have the honor to be
Sir
your most obedt. servt.

H. Stokes,

President

No. 336.

Madura D.o office
Madura 24th December 81
Desp.d 26th

53/27

From

The Offg. Exe: Engineer
Madura Division

To,

The Supg. Engineer
6th Circle

Sir,

I have the honor to report that the expenditure upto end of November 81 on the collection of Materials for the Cumbum Gudalur Road is Rs—3,705

probable in December—1,100

Sanctioned for execu=
=tion by the L. F. Board—6820

Total ——— 11,625

Grant for 1881-82 ——— 20,000

Balance at end of Dec.r 81: 8,375

2: The uncertainty at present existing as to whether the con=
=struction of the Cumbum —

SUPERINTENDING ENGINEER
21 DEC 81
6TH CIRCLE
No. 138
LOCAL FUND DEPARTMENT

From
The President of the Local Fund Boards
Madura
To
The Offg. Exe: Engineer
Madura Division

Dated 17 December 1881
Received

No. 336
Executive
Subject

Sanctioned for execution by the Local Fund Board
Rs 6820
Total Rs 11625
Grant for 1881-82 Rs 20000
Balance at end of Dec.r 81 Rs 8375

Gudalur Road is to be carried
out by this Department or not,
prevents my making the best
arrangements for utilizing the
full Grant this year.

I have the honor &c
Sir
Your Most Obdt Servt
John R Thornton
Offg Exe: Engineer

24-12

1/53/33

No. 135.C

Supt. Engrs. Office 6th Circle
Kodaikanal 31st Dec. 81

153/34

From,

Col. I. Beatty R.E.
Supt. Engineer 6th Circle.

To,

Col. R. H. Lankey D.S.R.E.
Chief Engineer P.W.D.

Encls: 2.
1. President's letter with enclosure.
1. Exec. Engrs letter.

Sir,

I have the honor to forward herewith for your information two letters regarding the work of collecting materials on the Bumbum Gudalur Road and I shall feel obliged by your having orders passed at an early date if possible regarding that work.

2. From the President's letter I understand that he objects to work being carried on by this Department between Bumbum and Gudalur as it prevents the Local Fund Engineer getting sufficient labor for the repairs of the Ghaut.

3. The present state of uncertainty

No. 336.
Dated 24th Dec. 1881.
Recd. 26th Dec. 1881.

From
The Exec. Engineer
Periakulam

To
The Supt. Engr.
6th Circle
Madura

Encls: 2.

Enquiring whether Bumbum Gudalur Road is to be abandoned or not.

I have the honor to acknowledge with thanks the receipt of your letter No. 1881 on the subject of collection of Quit rents for the

SUPERINTENDING ENGINEER 6TH CIRCLE 27 DEC 81

153/33

too prevents the Executive Engineer, Madura making the best arrangements for spending the Budget allotment of the Dumbum Gudalur road; and if, as seems probable, the construction of the road is about to be handed over to the Local Fund Establishment, it will be better for this Department to stop work at once, pay what is due, and surrender the balance.

I have the honor to be
Sir
your most obdt servt

J. Beatty. Lieut R.E.
Supg Engineer 6th C.

Received for the

From

The Supt. Engineer
6 circle

To.

The Chief Engineer
P. W. D.

No 135 C.

Dated 31 December 81.

Read.

2572 W 10-7-12 81
4246 W 17-2-87
7996 W 13-3-87
Cy. 1429 - 18-5-87
Go. 1648 W 4-7-87
" 19094 W 2-8-87
2571 W - 14-10-87
Cy. 319 27-7-87
Go 3048 - 14-11-87
Cy 2684 - 15-11-87
" 1242 - 18-5-87
Go 3644 W 16-11-87
Cy. 1402 - 18-6-87.

Enc: 3.

Cumbum Gudalur Road:—

Requests to pass early orders in carrying out the repairs of the — by the Local Fund Deptt.

Cir 13/1/82.

No 153 W

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 18th January 1882

Read the following:—

From the Supty. Engr. (old) 3d circle No. 317 dated 3 June 81
Memo. to the Rev. Deptt — " 1402 " 13 " "
Endorsement from the Fin. Deptt " 1910 " 28 Nov. 81
From the Supty. Engr. 6 circle " 82 M8 " 28 " "
Pros. of the Board of Revenue " 3210 " 12 Dec. 81
From the Supty Engr. 6 circle " 135 C " 31 " "

The estimate for constructing a first class road from Cumbum to the foot of the Gudalur ghat, the amount of which has been reduced by the Chief Engr. from Rs 78,700 to Rs 72,148, by limiting the width of metalling to 12 instead of 18 feet, is sanctioned for execution by the Local Fund Board Dindigul Circle.

2. A sum of Rs 13,180 is available for the work in the current year's Provincial Budget

Budget, and Rs 20000 will be provided in the Budget of the ensuing year, the Local Fund Board will be kept in funds by the Supdg. Engineer in the manner prescribed in G.O. № 1375 W dated 14th June 1880. The petty establishment required by the Local Fund Engr. should be charged to the estimate.

3. This sanction has been registered as Provincial № 113 W of 1881-82, and classified as Communications, Original works.

Ch

13.1.82

To The Board of Rev. with 6
" Supdg. Engr. 21 enclos. 6 Circle
" Exr. P.W. accts, with Supdg. abst. &c
" Fund Departt

dispd 24-1-82-

Cir. 13.1.82

Print immediately

153/37

24-1-08 ✓
12-11-09 ✓

94. 6999/1038 Fr

Govt. of (1882) Madras.

PUBLIC WORKS.

To

Dated

Letter

Rect.

Encl.

G. O., 18th January 1882, No. 153 Pr.

Nos.

Road from Cuddalore to the foot of the Gudalur Ghaut.

Estimate for construction of first class road ~~from~~ ——— Cauteram for execution by the L. F. Road Division, Cuddalore.

Sd 10/1

Govt. in Receipt Regr