M.E.O. 1—77,006—8-6-37.

(1) Number of pages 10

(2) Date of repair 12.8.42.

(3) Initials of the Reference

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1901 Press Mis.

Dated 15-7- 1863.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 15th July 1863.

No. 357. Read the following letter from Captain F. J. MOBERLY, R. E., Superintending Engineer 8th Division, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Public Works Department, dated Madura, 2nd July 1863, No. 63:—

SIR,

1 Specification.
1 Abstract Estimate.

1. I have the honor to submit the accompanying specification and Estimate of Rupees 7,650, for making certain repairs and improvements to the Salt Pan road between the Salt Pans Kacheri at Arasadi, and the Trunk Cotton Road No. 5, in the District of Tinnevelly, countersigned by the Collector in token of approval.

* Vide Budget for 1862-63, item 160.

2. The original Estimate for this road amounted* to Rupees 10,870, but was subsequently reduced to Rupees 6,884 by the substitution of earth for gravel over the stone, and the work was finished previous to the setting in of the last monsoon, in accordance with the reduced Estimate.

3. The earth used in filling in above the broken stone being of a loose description, it was almost entirely washed out by the unusually heavy rains of the last monsoon. The greater portion of the side slopes, and in many places the raising also were washed away.

4. The quantity of water which passed over the road dams was far greater than had been anticipated by the District Engineer, provision is therefore made in the present Estimate for re-constructing the road dams with considerably increased sections.

5. The soil through which the road passes is mostly sand, and for about 500 yards it runs through a swamp.

6. The damage now reported having rendered the road impassable by carts, it is of the utmost importance to put the worst portions of it in proper order prior to the setting in of the next monsoon, in order that the Salt traffic may not suffer thereby. I therefore request that you will be so good as to obtain the early sanction of Government for an immediate expenditure of Rupees 3,000 on the work, from the sum of Rupees 15,800 allowed in the current year's Budget for Salt roads; and trust that the Government will be able to arrange for a grant of the remainder from the Reserve Fund for the completion of the road.

7. A survey of this road was forwarded to the late Central Office of Public Works with the District Engineer's letter No. 155, dated 4th January 1861.

No. 358. ORDER THEREON, 15th July 1863, No. 1,901.

1. The Government request to be informed, with reference to paragraph 2 of this letter, under what authority the provisions of the Estimate referred to were deviated from.

See Proceedings 10th June 1863, No. 1,492.

2. Under the recent orders of the Government of India the expenditure on repairs cannot be defrayed from the Reserve. The Superintending Engineer is requested to report therefore from what sub-divisional head of repair he would propose to meet the expense of repairing the road from the Salt Pans at Arasadi to junction with Trunk Cotton Road. The deficiency of funds which this charge will involve might be supplied when framing the Estimate (called for in paragraph 5 of Proceedings, dated 3rd July 1863, No. 1,748,) of further grants required to meet the cost of repairs not provided for in the current year's Budget.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

Report to accompany the Estimate for reconstructing the Salt Pan Road between Salt Pan Kachani at Arasadi and Trunk Cotton Road No 5

1 Estimate for reconstructing a Salt Pan Road from Salt Pan Kachani at Arasadi to Trunk Cotton Road No 5 Length 2 miles and 1123 yards.

2 Amount of Estimate Rupees 7650 Seven thousand Six hundred and fifty comprising the following items,

8867 1/2/18 Cubic yards of Earth work at 8 pies per Cubic yard — Rs 369-7-6

29883/4 do of Removing and repacking old broken stone at 3 annas per Cyd — 386-6-

1857 1/2 do of Gravel at Rs 2-4 — per — do — 4179-6-

4458 Lineal yards of Rolling at 3 annas per 10 Lineal yards — 83-5-5

Sundries — 225-7-1

5 Road Dams varying in length from 75 yards to 20 yards — 2202-0-0

Planting Umeri bushes &c on sides of slopes — 30-0-0

Total of Estimate Rs 7650-0-0

3 The top surface of the road is to be 5 yards in width of which 4 yards are to be metalled. The metal to consist of 6 inches of Quartz Gravel in thickness of stone covered with 3 inches. The side slopes of the embankment are to have generally a slope of 1½ to 1

4 This Road was originally made with the me-talling (coral stone) 1/2 of a yard thick and a width of 3 yards the whole to be filled in with earth; during the heavy rains in the last Mon-soon the earth has been washed out and the Embankments much damaged and bullocks are unable to go on the bare coral stone, be-sides which the sides of the road have been so much cut away that there is not room for two Bandies to pass. the water way allowed was also very insufficient so that much of the Embankment was washed away. the present Estimate allows for removing the Earth raising taking up the broken stone and laying it with a width of 4 yards with a thickness of 6 inches and Gravelling the Surface of the road to a width of 5 yards with 1/2" of good Gravel. for rebuilding the road Dams of sufficient dimensions and planting Brushes to pro-tect the Embankment.

5 The construction of this Road is to facilitate the approach to the Salt Pans at Arasadi. for a distance of nearly 2 miles from the Pans the road passes over Sand and the remain-ing portion runs over a light loamy soil.

The road passes through no village of impor-tance.

J Paxton Captain
Acting Distrct Engineer Line

Allepottur
March 1863

J. Cann
Collector

5

Superintending Engineer's Office 8th Dn.
Madura 2d July 1863.

No 63

From Captain F. J. Moberly R. E.
Supt. Engineer 8th Dn.
Madura

To, Colonel W. J. Birdwood R. E.
Secretary to Govt. P. W. D.
Madras.

Sir

I have the honor to submit the accompanying specification and Estimate of Rs. 7,650, for making certain repairs & improvements to the Salt Pan Road between the Salt Pan Factory at Arasadi, and the Trunk Cattan Road No. 5 in the District of Tinnevelly, countersigned by the Collector in token of approval.

Public

Encls 2

1 Specification
1 Abstract Estimate

2 The original Estimate for this Road amounted to Rupees 10,870, but was subsequently reduced to Rs. 6,884 by the substitution of earth for gravel over the stone, and the work was finished previous to the setting in of the last Monsoon, in accordance with the reduced Estimate

× Vide Budget for 1862/63 item 160.

3 The earth used in filling in above the broken stone being of a loose description, it was almost entirely washed out by the unusually heavy

2 Encls to No 63 dated 2d July 1863.

Enclosure in a letter from the Acting Collector of Tinnevelly dated 27th June 1863.

To Captain Blackburn
Executive Engineer
Tuticorin Divn.

Sir

I beg to forward herewith for sanction the Salt Pan Road estimate of Rs. 7650 for repairs to the Salt Pan Factory at Arasadi and Trunk Cattan Road No 5.

Post Runners 2 to 1650 Salt Pan Arasadi 1 to 1650 Trunk Cattan Road 1 to 1650 Tuticorin 1 to 1650 Ettiyapuram 1 to 1650 Kovilpatti 1 to 1650 Sattur 1 to 1650 Srivilliputtur 1 to 1650 Aruppukottai 1 to 1650 Virudupatti 1 to 1650 Dindigul 1 to 1650 Madura 1 to 1650 Tirumangalam 1 to 1650 Usilampatti 1 to 1650 Periyakulam 1 to 1650 Theni 1 to 1650 Cumbum 1 to 1650 Uttamapalayam 1 to 1650 Kambam 1 to 1650 Andipatti 1 to 1650 Sholavandan 1 to 1650 Melur 1 to 1650 Tirupparankundram 1 to 1650 Madura 1 to 1650 Sivaganga 1 to 1650 Manamadura 1 to 1650 Ramnad 1 to 1650 Paramakudi 1 to 1650 Kamudi 1 to 1650 Mudukulattur 1 to 1650 Kilakarai 1 to 1650 Rameswaram 1 to 1650 Pamban 1 to 1650 Mandapam 1 to 1650 Total 39 to 64350

Collector's Office
Tinnevelly 27th June 1863.

Countersigned for Remarks the Salt Pan Road estimate of Rs. 7650 for repairs to the Salt Pan Factory at Arasadi and Trunk Cattan Road No 5.

Post Runners 2 to 1650 Salt Pan Arasadi 1 to 1650 Trunk Cattan Road 1 to 1650 Tuticorin 1 to 1650 Ettiyapuram 1 to 1650 Kovilpatti 1 to 1650 Sattur 1 to 1650 Srivilliputtur 1 to 1650 Aruppukottai 1 to 1650 Virudupatti 1 to 1650 Dindigul 1 to 1650 Madura 1 to 1650 Tirumangalam 1 to 1650 Usilampatti 1 to 1650 Periyakulam 1 to 1650 Theni 1 to 1650 Cumbum 1 to 1650 Uttamapalayam 1 to 1650 Kambam 1 to 1650 Andipatti 1 to 1650 Sholavandan 1 to 1650 Melur 1 to 1650 Tirupparankundram 1 to 1650 Madura 1 to 1650 Sivaganga 1 to 1650 Manamadura 1 to 1650 Ramnad 1 to 1650 Paramakudi 1 to 1650 Kamudi 1 to 1650 Mudukulattur 1 to 1650 Kilakarai 1 to 1650 Rameswaram 1 to 1650 Pamban 1 to 1650 Mandapam 1 to 1650 Total 39 to 64350

Enclosed are 5 Estimates

heavy rains of the last monsoon - The greater por-
- tion of the side slopes, & in many places the
raising also weed washed away -

4 The quantity of water which pass-
-ed over the Road Dams was far greater than
had been anticipated by the District Engineer,
provision is therefore made in the present Estimate
for reconstructing the Road Dams with considera-
-bly increased sections -

5 The soil thro' which the road pass-
-es is mostly sand; and for about 500 yards
it runs thro' a swamp -

6. The damage now reported having
rendered the road impassable by carts it is of the
utmost importance to put the worst portions of it
in proper order prior to the setting in of the next
monsoon in order that the salt traffic may not
suffer thereby - I therefore request that you will
be so good as to obtain the early sanction of
Government for an immediate expenditure of
Rupees 3,000 on the work, from the sum of Ru-
-pees 15,800 allowed in the current year's Budget
for salt Roads; and trust that the Government will
be able to arrange for a grant of the re-
-mainder from the Reserve Fund for the com-
-pletion

pletion of the Road.

7 A survey of this Road was
forwarded to the late Central Office of P. W.
with the District Engineer's letter No. 155 dated
4th January 1861 -

I have &c.

F. Cotton Capt. R. E.
Superintending Engineer 8th Div.

Engineer's office 8th Div.
2d July 1863

To

Colonel W. L. Birdwood C B
Secretary to Govt P. W. D
Madras

No 1901

From The Superintending Engineer 8th Division

To The Secretary to Govt P.W.D.

Dated 2d July 1863

Recd 7 " " 1863

E.2

I submits for sanction an Estimate of Rs 7650 for making certain repairs & improvements to the Salt Farn Road between the Salt Farn Farcheri at Arasadi & the Trunk Road No 5 in the District of Tinnevelly.

No 357. 358

No 1901 - 15th July

W. Thavender

Dispatch No 1901 For July

Ex. of Letter No 2429.

Sup. Dept No 1492.

Sec Proc 10th June 1863

1901

No Govt request he be informed with reference to
para 2 of this letter under what authority the provisions of the
Estimate referred to were deviated from.

Under the present orders of the Govt of Madras the
expenditure on repairs cannot be defrayed from the Pa
dawn. The Superintending Engineer is requested to report
therefore from what sub divisional Head of repairs the funds
proposed to meet the expenses of repairing the roads
from the Salt Pans at Arasadi to the junction with
Trunk Road. The deficiency of funds for this
charge will involve might be supplied when framing
the Estimate called for in para 5 of Proc dated 9th July
1863 No 1748 of further grant required to meet
the cost of repairs not provided for in the Current
years Budget.

Chingleput

Dispatch No 8 dated 16th July 5th July 1863

10/12

X.87