

Public Works (189) Department.

✓ G.O., No.

2363 W

DATED

September 8

9/9/99

[Despatch Abstract.]

Road. The revised estimate of Rs 22750/-
for constructing a — from Sankaranainarkoil
via bagaram to road No 11 (Senkasi-Inadum)
in the Tirunelveli Dt., sanctioned, with remarks

I
B

22/9/99

90
14

The revised estimate of Rs. 22,750 for constructing a — from Sankaranáyinárkóyil *via* Nagaram to road No. XI (Tenkási-Madura) in the Tinnevely district, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.

Civil Works.

READ—the following paper:—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 29th July 1899, No. 577 T.N.

With reference to letter from the President, District Board, Tinnevely, addressed through me to the Secretary to Government, Local and Municipal Department, dated 22nd June 1899, Ref. B. on Cur. No. 396, I have the honour to submit, for sanction of Government, a revised estimate, amounting to Rs. 22,750, for constructing a road from Sankaranáyinarkóyil viá Nagaram to join road No. XI (the Tenkási-Madura road) near Chinthamoni in Sankaranáyinarkóyil taluk.

2. The original estimate for the work was sanctioned in G.O., No. 2528 W., dated 19th September 1891, for Rs. 20,790. Paragraph 2 of the Government Order shows the several sub-heads of the estimate with their estimated cost. In the estimate provision is made for compensation for land, amounting to Rs. 3,598-5-0. This amount has been subsequently increased to Rs. 4,480-9-5 and a revised estimate to include provision for this excess was sanctioned by the District Board itself in its resolution No. 5, dated 25th March 1895, no deviations in the other items of the original estimate being made except for contingencies which was increased from Rs. 521-12-2 to Rs. 529-7-9.

3. A second revised estimate is now forwarded accompanied by a comparative statement. It will be seen that the quantity of earth required for the formation of the road is much in excess of the original quantity, especially from the 4th mile to the end entailing an additional cost of Rs. 755-14-7. This is said to be due to—

- (a) the reduction in the width of metalling caused more earth to be required for raising sides;
- (b) the levels having been taken in the year 1891, while the work was only commenced in 1894-95;
- (c) extra earth required to make good erosions caused by rain to portions of road not fully completed;
- (d) to make good portions of road where breaches have occurred.

4. In the item metalling, there is an increase of cost of Rs. 642-4-7 and in gravelling there is a trifling saving. The original estimate provided for metalling throughout for a width of 12' and depth of $4\frac{1}{2}$ " quartz up to 6 miles $5\frac{1}{2}$ furlongs; the depth of metalling to be increased from $4\frac{1}{2}$ " to 6" from this point to the end.

5. From the revised estimate it will be seen that considerable deviations have been made from these proposals; the width of metalling, as actually carried out, is only 10 feet for the 1st mile and only 8 feet for the remainder of the road, while the depth of metalling has been considerably increased. I consider that this deviation from the original estimate should not have been carried out before proper sanction to so doing had been obtained.

6. Owing to change in the site of quarries the rates have been increased.

7. There is a provision of Rs. 175 for mile and furlong stones, while the item of contingencies has been reduced to Rs. 414-14-4.

8. No explanation has been given for reducing the width of metalling, but as the work has been carried the revised estimate is recommended for sanction.

ORDER—No. 2363 W., dated 8th September 1899.

The revised estimate, amounting to Rs. 22,750, for constructing a road from Sankaranáyinarkóyil viá Nagaram to road No. XI (Tenkási-Madura) in the Tinnevely district, is sanctioned in supersession of the estimate of Rs. 20,790 sanctioned in G.O., No. 2528 W., dated 19th September 1891.

2. Attention is drawn to G.O., No. 2108 W., dated 10th August 1899, in which important deviations from sanctioned estimates by Local Fund Engineers without proper authority are forbidden.

3. The sanction accorded in paragraph 1 of these Proceedings has been registered as Local No. 13 W. of 1899-1900.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, VI Circle.

Local and Municipal Department, with sixteen enclosures.

Exd. T. K. Narayana Aiyangar.

READ the following:—

Letter from the Supt. Engineer VI. Circle, No. 577 T.N. of 29.7.99

Circulated to His Excellency the Governor 3 P

ORDER.

No. 2363 W 28-9-99

The revised estimate amounting to Rs 22750/- for constructing a road from Sankaranainarkoil via Nagaram to road No. 71 (Tenkasi - Madurai) in the Tinnevely District is sanctioned in supersession of the estimate of Rs 20790 sanctioned in G.O. No. 2528 W dated 19 September 1899.

2 Attention is drawn to G.O. No. 2108 W of 10 August 1899 in which important deviations from sanctioned estimates by Local Fund Engineers without proper authority is forbidden.

L. M. Dept. for Comm. Services

I A
B C
C.S. No.

Done 11/5/99

Emp. 3/4/99
H. 2/5/99
P.W. 4.
1,000-18-7-99.

Current No. 6309
 Letter No. 577 T.W.
 Dated 29 July 1899
 From the S.E. vi Circle

NOTE BY TECHNICAL SECTION.

Name of work Constructing Road
 from Sankaranam a Rail via
 Nagarani to Road No. XI (Tew-
 -Kusi-madurav)
 Tumivelly Dist =

Revised Estimate Rs. 22750

This Estimate was sanc-
 -tioned in Resolution No. 2
 of Board of Dist. Board
 Tumivelly dated 22 April
 1899 and approved through
 the S.E. vi Circle for the
 sanction of Government

The original Estimate
 amounting Rs. 20790 was
 sanctioned in E.O. No. 2469
 L. No. dated 10 Decr. 1891
 owing to the increased amount
 Rs. 4450 paid for Contingency
 -then as against Rs. 3590
 originally provided - and
 a small increase in Contingency
 -funds - the original Esti-
 mate was revised to Rs. 21680
 and sanctioned by the Dist.
 Board itself.

Again owing to the
 undermentioned Causes
 the second revised Estimate

3. The sanction accorded
 in para 1 of these Proceedings
 has been registered as Local
 No. 13 W of 1899-1900.

The Sup^d Engineer
 VI Circle

" Local Municipal Dept
 with Records

note

The estimate is dealt
 with in the accompanying
 Technical note.

has been found necessary - the
 amount being Rs 22750 -
 the excess now requiring same.
 - here is Rs 1070.

From the Comparative State-
 ment account analyzing the
 excesses are explained as
 follows.

(1) Earthwork. Excess Rs 755-14-1
 Causes.

- (a). The metalling with was 12.
 - inches - thus causing more
 earth for raising the sides.
- (b). Estimate was sanctioned
 in 191 - work commenced in
 1915 - the surface in the interim
 had undergone change.
- (c). Filling up embankments and
 closing breaches to portions not
 fully completed.

(2) Metalling & travelling highway
 shendung etc.
 Excess Rs 611-7-6

The original Estimate provided
 for a width of 12 ft of metalling -
 this was reduced in construction
 to 8 ft: and the depth
 was increased. This deviation
 was carried out without
 proper sanction. Change in
 the rates of quantities increased
 the rates.

(3) New Provision -
 mile, facing Boundary stones
 Excess. Rs 175-0-0

(4) Savings under Contingencies
 Rs 472-6-1

With --- 1542-6-1
 Debit to --- 472-6-1
 Total Excess Rs 1070-0-0

No explanation is given
 for reducing the width of
 the metalling - but as the
 work has been carried out,
 the estimate is unreasonable
 - due to the J.E. for same.
 - here.

8.8.99

For
 Submitted for orders.
 With reference to the last
 para of the above note please
 see para 4 of E.O.'s note
 quoted with G.O. No 2528W
 of 19 Sept. 1891.

Flag. M.

W. The estimate may be sanctioned
 and attention called to the G.O. recently
 issued in which ^{important} deviations from
 sanctioned estimates by L.P. Super
 without proper authority was
 forbidden

7.9.
 9.8.99.

HC
 I remembered that the attention of the Board
 was invited to the matter in the G.O. sanctioning the estimate
 D. V. N. in the minute of 28 (2055 H) which was sent down

12.8.99

to the Secy on 8-8-99 The G.C. is probably
now in the press. Kindly have this looked up.
P. K. S.
14/8/99

Public Works (1899) Department.

CURRENT No. 6309

Order

From
*The Superintendant
of Works*

No. 577 T.W.

Dated 29 July 1899

Received 2 Aug 99

Registered

Enclosures 6 Plans 1 } 20 Dec 1899
Other 15 }

Spare copies.

SUBJECT.

Road from Lacharunai
- Narhoil to Jiru Road
No. X/ in Timmely Sh.

Submitting for
sanction of Govt an
estimate of Rs 22,750
for constructing a

T/for check
19/8/99
HC
2528w
19/9/99
2538w
OL.S. 442 R^u/9

BACK PAPERS.

FURTHER PAPERS.

No.	Date.
2108W	10-8-88
2528W	19-7-91
1986W	21-7-90

No.	Date.
	20

No. 5777 N.

Office of the Superintending Engineer
b' circle.

Tiruchinopoly 29 July 199
D 81.

From

Lieut. Col. O. V. Boddy R. E.
Superintending Engineer
b' circle

To

The Chief Engineer
P. W. D.

Enclosures - 6.

- 1 File of est. of Rs 21680-
- 1 Comp: stat.
- 1 Revised est. of Rs 22750
- 1 comp: stat.
- 1 Est. form - Collection & consolidation of road materials.
- 1 President's letter Ref. B m.c. No: 396 of 1899 & 22.6.99.

* Sub. sep. - rasky for Tashuk Post.

Sir,

With reference to letter from the President District Board, Tinnevely, addressed through me to the Secretary to Government, Local and Municipal Department, dated 22nd June 199, Ref. B on current No: 396 of 1999. I have the honour to submit for sanction of Government a revised estimate amounting to Rs 22750- for constructing a road from Tarkaramanareoil - via Nagarann to join road No XI (the Tenkasi Madura road) near Chinthamani in Tarkaramanareoil Taluk.

2. The original estimate for the work was sanctioned in G. O. No: 2528W, of 19-7-91, at Rs 20790. Para 2 of the G. O. shows the several sub heads of the estimate with their estimated cost. In the estimate provision is made for compensation for land amounting to Rs 10000.

This amount has been subsequently increased to Rs 44,80-9-5 and a revised estimate to include provision for this excess was sanctioned by the District Board itself in its Resolution No: 5, dated 25th March 1895, no deviations in the other items of the original estimate being made except for contingencies which was increased from Rs 521-12-2 to Rs 529-7-9

3. A Second revised estimate is now forwarded accompanied by a comparative statement. It will be seen that the quantity of earth required for the formation of the road, is much in excess of the original quantity, especially from the 4th mile to the end, entailing an additional cost of Rs 755-14-7. This is said to be due to

(a) the reduction in the width of metalling, caused more earth to be required for raising sides.

(b) the levels having been taken in the year 1891 while the work was only commenced in 1894-95.

(c) extra earth required to make good erosions caused by rain to portions of road not fully completed.

(d) to make good portions of road where breaches have occurred.

In

2 P

4. In the item, metalling, there is an increase of cost of Rs 642-4-7 and in gravelling there is a trifling saving. The original estimate provided for metalling throughout for a width of 12^{and} depth of 4 1/2" quantity up to 6 miles 5 1/2 furlongs - the depth of metalling to be increased from 4 1/2" to 6" from this point to the end.

5. From the revised estimate it will be seen that considerable deviations have been made from these proposals; the width of metalling as actually carried out is only 10 feet for the 1st mile and only 8 feet for the remainder of the road while the depth of metalling has been considerably increased. I consider that this deviation from the original estimate should not have been carried out before proper sanction to so doing had been obtained.

6. Owing to change in the site of quarries the rates have been increased.

7. There is a provision of Rs 145 for mile and furlong stones, while the item of contingencies has been reduced to Rs 414-14-

8. No explanation has been given for the reduction in the item of contingencies.

reducing the width of metalling, but as the
work has been carried the revised esti-
mate is recommended for sanction.

I have the honour to be,
Sir,
your most obedient servant

J. T. M. *Milly* Lieut. Col. R. E.
Supg. Engineer, 6 circle.

Supg. Eng.
27/1/1902

48