

2835

100-443887-100

THE UNIVERSITY OF CHICAGO

DEPARTMENT

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Not to be folded or roughly handled

*Fort Saint George, Public Works Consultation of 15th September 1857.*

No. 42. Read the following Report from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 6th December 1856, No. 8662.

Road from Cuddapah to the Nellore frontier by Budwail and the Dorenal pass.

Report Y, Y, upon an estimate for completing the road from Cuddapah to the Nellore frontier by Budwail and the Dorenal Pass.

|          |        |           |        |
|----------|--------|-----------|--------|
|          | Miles. | Furlongs. | Yards. |
| Distance | 40     | 4         | 144    |

amount of estimate Rupees (42,900) forty-two thousand and nine hundred.

This estimate provides for completing the earth work, and metalling the above road, and for all necessary bridges tunnels &c. with the exception of bridging the Pennair at Chennoor, and the Sugglear, 5 miles west of Budwail, which from their size would probably cost not less than 1,45,000 Rupees, and which the District Engineer wishes to defer to the Budget of 1858-59.

2. The sums of money already expended upon this road amount to Rupees 89,121\*, and the present estimate exclusive of the bridges above alluded to, will, together with the money already expended bring the average cost per mile to about Rupees 3,300.

3. The metalling proposed for the road is to be 6 yards wide and  $\frac{1}{2}$  deep, and the bridges, tunnels &c. to be 18 feet broad between the parapet walls they have been designed with reference to the nature of the Steams which they cross, and appear to be carefully considered, being small in size they require no particular description.

4. The rates for the Arch work of bridges is very high it has been before pointed out to Lieutenant Hemery, who will do all in his power to reduce it; and I have no doubt will succeed in doing so, on the people of the District becoming more familiar with masonry works.

5. I recommend that the estimate of Rupees 42,900 be submitted for sanction in the Budget of 1857-58, and would point out, that when the two bridges over the Katamunnairroo, and Pullevole vaugoo in the portion of this road in the Nellore limits are built, (sanction has been solicited for their insertion in the Budget of 1857-58) the whole road from Nellore to Cuddapah will, with the exception of the two bridges over the Pennair near Cuddapah, and Sugglear near Budwail be *completed*.

\* In report X. X. No. dated 6th December 1856.

No. 43. ORDER THEREON, No. 1738; dated 12th September 1857.

With this Report, the Chief Engineer forwards an estimate amounting to Rupees 42,900 for completing the road from Cuddapah to the Nellore frontier via Budwail and the Dorenal Pass in the Cuddapah District, a distance of forty miles. No provision is made in the estimate for bridges over the Pennair and Sugglear, which remain to be provided for hereafter.

2. The amount sanctioned for this road is stated to be Rupees 89,121 as shewn below, and the expenditure already incurred would seem to have reached this sum. The dates of the different sanctions however are not quoted by the Chief Engineer, although that Officer was on more than one occasion requested invariably to give such particulars.

|                                                                                                                     |               |
|---------------------------------------------------------------------------------------------------------------------|---------------|
|                                                                                                                     | Rs.           |
| Cuddapah to Chennoor, entered in the Budget of 1854-55.....                                                         | 6,435         |
| Improving Dorenal Pass and road sanctioned 13th August 1853, No. 316..                                              | 16,296        |
| First sanction for the road from Chennoor to Budwail, Extract Minutes Consultation 27th January 1854, No. 48.....   | 27,390        |
| Second sanction for the road from Chennoor to Budwail, Extract Minutes Consultation 10th February 1855, No. 61..... | 39,000        |
| Total.....                                                                                                          | <u>89,121</u> |

In respect to the third of the above items, the Government observe that the amount admitted

Fort Saint George, Public Works Consultation of 15th September 1857.

in their orders of 10th October 1856, No. 1843, as that authorized on the 27th January 1854, was Rupees 29,000, and not Rupees 27,390. This excess of Rupees 1,610, would raise the total sum sanctioned for the road, including the Dorenal Pass to Rupees 90,731.

3. On the 26th January\* 1856, the Chief Engineer submitted an estimate for completing this road, to the amount of Rupees 46,960; but deducting a sum of Rupees 22,210 which was stated to be the balance remaining unexpended from a former estimate, he solicited sanction for only the difference of Rupees 24,750. Colonel Faber now requests sanction for the full amount of the estimate submitted by him viz. Rupees 46,960, in addition to the sum already sanctioned. No reasons are given in explanation of this marked difference between the two recommendations; and the Right Honorable the Governor in Council requests the Chief Engineer will now supply the omission. Colonel Faber will also ascertain and report whether any portion of the sum already sanctioned, and now shewn to be Rupees 90,731, remains unexpended; and information should at the same time be furnished as to the extent of the line already made, the nature of the work performed, and the present condition of the road. Pending the receipt of information on the above points, the Government defer sanctioning the estimate submitted by the Chief Engineer.

(Signed) H. FORBES,  
Acting Secretary to Government.

Luddapah.

Communications

Road from Luddapah to the Nellore frontier  
by Buduail and the Dorenal Pass.

Report upon an Estimate for  
completing the Road from Luddapah to the  
Nellore frontier by Buduail and the Dorenal  
Pass.

|          | miles | Furlongs | yards |
|----------|-------|----------|-------|
| Distance | 40    | 4        | 144   |

Amount of Estimate Rupees (42,900) <sup>Rp. Rs.</sup>  
Forty two thousand and nine hundred.

This Estimate provides for completing the earth  
work, and metalling the above road, and for all necessary Bridges  
tunnels &c, with the exception of Bridging the Pennair at Chennai,  
and the Sugglear, 5 miles west of Buduail, which from their  
site would probably cost not less than 14,500 Rupees, and  
which the District Engineer wishes to defer to the Budget of  
1858/59.

The sum of money already expended upon this  
Road Amount to Rupees 89,121, and the present Estimate exclusive  
of the Bridges above alluded to, will, together with the money already  
expended bring the average cost per mile to about Rupees 3,300.

The metalling proposed for the road is to be by hard

|                                                      |          |        |
|------------------------------------------------------|----------|--------|
| Luddapah Cantonment                                  | 547      | 2      |
| to Chennai                                           | 4,405    |        |
| Improving Dorenal pass                               | 16,296   |        |
| Bridge Sanction from<br>Chennai to Buduail           | 27 miles | 12,739 |
| Second Sanction of<br>Rd. from Chennai<br>to Buduail | 39,000   | 3      |
| 39 miles                                             |          |        |
| Total                                                | 89,121   |        |

Total 89,121

wide and  $3\frac{1}{6}$  deep, and the Bridges, tunnels <sup>that</sup> to be 18. broad between the parapet walls they have been designed with reference to the nature of the streams which they cross, and appear to be carefully considered, being small, in like they require no particular description.

1. The rates for the Arch work of Bridges is very high. it has been before pointed out to Lieutenant Keemery, who will do all in his power to reduce it, and I have no doubt will succeed in doing so, on the people of the District becoming more familiar with masonry work.

5. I recommend that the Estimate of Rupees <sup>Rs. 40</sup> 42,900 be submitted for sanction in the Budget of 1857/58, and would point out, that when the two bridges over the Katamunnaru & Pullavole rangos in the portion of this road in the Nellore limits are built, (sanction has been obtained for their insertion in the Budget of 1857/58) the whole road from Nellore to Budda. in Report XX. N. 1. will, with the exception of the two Bridges over the Pennair near Buddapah, and Suggair near Budwail be completed. dated 6. Decr/56

Central Office of Public Works  
Fort Saint George 6<sup>th</sup> December 1856.  
Chief Engineer

Documents accompanying.

- 1 Letter N. 596 dated 16<sup>th</sup> October 1856. YY<sub>1</sub>
- 1 Traffic Statement. YY<sub>2</sub>
- 1 Sketch map. YY<sub>3</sub>
- 4 Plans of Bridges and tunnels YY<sub>4, 5, 6 & 7</sub>
- 4 Specification. YY<sub>8, 9, 10 & 11</sub>
- 1 Abstract Estimate. YY<sub>12</sub>

To, The Secretary to Government P.W.D.

Cons 16 Aug 1853 No 7-8  
27 Jan 1854 42,914

YY

Pub. Works 1856 Department  
D. to Cons 18<sup>th</sup> Sept.  
No. 2811

From  
The Chief Engineer.

To,  
The Secretary to Government.  
P.W.D.

Dated 6<sup>th</sup>  
Received 9<sup>th</sup> } December 1856.

No. 8662

12 Enclosures.

S. No. 1738. 12<sup>th</sup> Sept.

Forwards for sanction, an Estimate for completing the road from Buddapah to the Nellore frontier via Budwail and the General Cops. amounting to Rupees 42,900 in the District of Buddapah and recommended it for entry in the Budget of 1857/58.

23<sup>rd</sup> May 64 Sep. No.

No. 1738

Extract from the Minutes of Consultation

Under date the 12<sup>th</sup> September 1857.

Read the following

Report from the Chief Engineer

(Here enters the 1<sup>st</sup> December 1856 & 1857 VV)

With this Report,

the Chief Engineer forwards an

Estimate amounting to Rs. 42,900

for completing the road from

Quadalupha to the Village

frontier viz. Boudwait and the

Dorsal Pass in the Quadalupha

a distance of forty miles.

District. No provision is made

in the Estimate for Bridges over

the Pennair and Sugglaiv, which

remain to be provided for here-

after.

2 The amount sanctioned

for this road is stated to be

Comm. 16<sup>th</sup> Sept 53. No. 748  
a. 27. 1854. a. 142. 1854.

Public Works 1857. Vol. 14  
1854 to Comm. 15<sup>th</sup> Sept 1854.

1857/1858

Extract of Memoirs of Com.  
Bates 13<sup>th</sup> Sept 1857  
from the 13<sup>th</sup> Sept 1857  
and 14<sup>th</sup> Sept 1858

① Opening donation  
to the 18<sup>th</sup> Sept 1857. No. 112. 1857  
in addition to the 1857. 1857.  
ready donation, for some  
opening the road from  
Caldwell to the 1857.  
from the 1857. 1857.  
to the 1857. 1857.

1857/1858