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MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 1244 Press / Mis.

56-57.

Dated 3 - 6 - 1862.

Not to be folded or roughly handled

No. 56. Read the following letter from Lieutenant-Colonel J. OUCHTERLONY, Acting Deputy Chief Engineer, Northern Circle, to Lieutenant-Colonel W. H. HORSLEY, Secretary to Government, Public Works Department, dated Chepauk, 3rd May 1862, No. 291/N 71 :—

SIR,

1 Letter from the District Engineer Nellore, No. 356, dated 21st February 1862.
1 Abstract estimate.
3 Specifications.
4 Plans.

1. I have the honor to submit herewith for the consideration of Government an estimate amounting to Rupees 7,264, for which sanction is requested to enable the District Engineer of Nellore to carry out the work required to restore that portion of Trunk Road No. 6 which crosses what is called the Goodoor Valley, between Nellore and Dugarazpátam.

2. The work was authorized under an estimate of Rupees 34,700 by order of Government No. 1,182, 26th June 1861, and this sum was increased by Order No. 698, 7th April 1862, to Rupees 36,450. If therefore the additional amount now applied for is granted, the total sanction will amount to Rupees 43,714.

3. The chief cause of the considerable increase now proposed to the original estimate is the necessity which the District Engineer, after careful examination of the locality, has established for adding greatly to the strength and extent of the foundations and retaining walls of some of the dams, and for lengthening others. Captain Mullins has evidently bestowed great pains upon the investigation of the subject; and, looking to the heavy losses which have been incurred in past years on the road now adverted to, by the failure of inadequate masonry works, and to the long and serious interruption to traffic which has been the result, I am induced to endorse that Officer's opinion, and to recommend that in a situation where road works are so seriously tried by floods as they are in the Goodoor Valley, no stint of strength, within reason, should be practised.

4. Of the deficit now indicated in the original estimate, Rupees 2,100 is due to the omission of a charge for earthwork for closing certain of the breaches which exist along the line.

* Rupees 7,264.

5. The amount* for which special sanction is now solicited will have, of necessity, to be allotted from the Reserve Fund.

No. 57. ORDER THEREON, 3rd June 1862, No. 1,244.

1. With the above letter the Acting Deputy Chief Engineer, Northern Circle, submits a revised estimate from the District Engineer Nellore, for certain masonry works sanctioned in Proceedings of Government of 26th June 1861, No. 1,182, by which their cost will be increased by Rupees 7,264.

Rupees 43,714.

2. The present estimates have been prepared partly in consequence of a re-arrangement of the works, which the District Engineer considers desirable, and partly to provide for increased solidity in the depth of foundations and breadth of apron both of which, Captain Mullins is of opinion, are requisite in order to guard against the possibility of future accidents.

3. The Deputy Chief Engineer supports the District Engineer's designs, on the grounds that he has bestowed much pains on the investigation, and that it is advisable to adopt extraordinary precautions on account of the extraordinary visitations to which past experience has shown the locality is liable.

4. On these grounds the Government resolve to sanction the additional sum of Rupees 7,264 which the alterations entail, to be met from the Reserve Fund of the current year.

† Rupees 2,100.

5. It is observed that part of the sum† now asked for is owing to the omission in the original estimate of an item for closing the present breaches, which would not be occupied by road dams. The attention of the Officer who framed the estimate should be called to this omission.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

Public.

51

No. 291.

Central Office of Public Works
Chepauk 3d May 1862

From Lieut.t Col.l J. Ouchterlony
Actg Deputy Chief Engineer, Northern Circle.

To Lieut.t Col.l W. H. Horsley
Secretary to Government P.W.D

Sir,

I have the honor to submit herewith for the consideration of Govt an Estimate amtg to Rs. 7264. for which Sanction is required to enable the District Engineer of Bellary to carry out the work required to restore that portion of Trunk Road No. 6 which crosses what is called the Gundlakamma Valley, between Bellary & Nugrapatam.

2. The work was authorized under an Estimate of Rs. 34,700 by Order of Govt No. 1,102, 26 June 1861, & this sum was increased by do do 690 - 7th April 1862 to Rs. 36,450. It is therefore the additional amt now applied for is granted, the total Sanction will amount to ——————— Rs. 43,714.-

3. The chief cause of the considerable increase now proposed to the original Estimate is the necessity which the District Engineer, after careful examination of the locality, has established for adding greatly to the strength & extent of the foundations & retaining walls of some of the Dams, & for lengthening others. Capt. Mullins has evidently

bestowed great pains upon the investigation of the subject; and, looking to the heavy losses which have been incurred in past years on the Road now submitted to, by the failure of inadequate masonry works, & to the long Seasons interruption to traffic which has been the result, I am induced to endorse that Officer's opinion, & to recommend that in a situation where road works are so seriously tried by floods as they are in the Gordon valley, no stint of strength, within reason, should be practised.

4. Of the deficit now indicated in the original Estimate — Rs 2,100 - is due to the omission of a charge for earth work for closing certain of the crossings which exist along the line.

5. The amount for which Special sanction is now solicited will have, of necessity, to be allotted from the Reserve Fund.

× Rs 7264.-

I have the honor to be
Sir,
Your most obed.t Servt

Central Office of W.
Chepauk
3d May 1862.

J. Auchterlony Lieut.t Col.
Actg Dy Chief Engr N. C.

To
Lieutenant Colonel W. H. Horsley
Secretary to Government P. W. D.
Chepauk.

(New Work)

PUBLIC (ROADS)

ABSTRACT of Estimate No. of 186 .

ROAD No. V

DISTRICT Kellore.

WORK Restoring that part of Trunk Road No. VI lying between the 84th and 87th Miles known as the Pudina Valley.

Quantities.	Description of Work.	Rate. Rs.	A.	P.	Amount. Rupees.	Amount of each part. Rupees.
	Constructing a Road Dam of 113 1/3 Yards in 85th Mile.					
44 8/9.	Cubic Yards of Brick in Chunam ——— JCyd:	3	"	"	435.	
12 7/27	Cubic Yards Laterite in Chunam ——— JCyd:	3	6	"	79.	
11.	Squares. Plastering with 2 coats of Chunam - JSqre:	3	"	"	33.	
80.	Cubic Yards Rubble Stone JCyd:	1	8	"	120.	
722.	Do. ——— Rock Excavation	"	2	"	90.	
1191.	Do. ——— Earthwork ———	"	1	"	74.	
396.	Square Yards Turfing ———	"	"	4	8.	
114.	Cubic Yards Metalling ———	"	10	6	75.	
54.	Do. ——— Gravel ———	"	10	6	37.	
	Sundries ———				49.	
						1,000.
	Constructing a Road Dam of 530 Yards in 86th Mile.					
1812 2/3.	Cubic Yards Brick in chunam JCyd:	3	"	"	5580.	
	Carried Out.				5,580	1,000.

Rec. 26th June 1862 (No. 1) Dept. of Public Works
Copy in 2 Letters to England 320 and 322 (P)
Date 14th July 1862 No. 56.

From Lieut. Colonel J. Cautley R.E. &c. &c.
To Lieut. Colonel H. M. Durand R.E. &c. &c. &c.
Secy. to Govt. of India Military Department.

Dated 30th May 1862
Rec. 7th June
Copy.
Asst. Secy. to Govt. of India
Military Department.

Submit an Estimate amounting to Rupees 7,000 for restoring that portion of Trunk Road No. 6 which crosses what is called the Pudina Valley between Kalam & Kellore and Degree Katam in the Kellore District.

No. 56

Encl. in Army Let. dated 24th

No. 1244-30 Cane.

Quantities.	Description of Work.	Rate Rs.	A.	P.	Amount. Rupees	Amount of each part. Rupees.
	Brought Over.				5,580.	1,000.
667 1/17	Cubic Yards Laterite in Chunam	3	0	8	4,338.	
1285.	Do. Concrete	1	4	"	1,606.	
26.	Squares of Plastering	3	"	"	78.	
17514.	Cubic Yards of Earthwork	"	1	"	1,095.	
353 1/3	Do. Gravel	"	10	6	232.	
1906.	Do. Rubble Stone	1	8	"	2,859.	
	Baling	"	"	"	200.	
	Sundries	"	"	"	516.	
						16,510.
	Filling the breaches.					
30276.	Cubic Yards Earthwork &c. (3)	"	"	11	1,735.	
6794.	Square Yards Turfing	"	"	4	142.	
172.	Cubic Yards Jelly	"	10	6	113.	
86.	Do. Gravel	"	10	6	56.	
	Sundries				54.	
						2,100.
	Reconstructing the wing of 2 Arched Bridge adjoining the last breach.					
10 1/2.	Cubic Yards of Brick in Chunam &c. (3)	3	"	"	31.	
	Carried Over				31.	19,610.

Quantities.	Description of Work.	Rate			Amount.	Amount for each part.
	Brought Over.				31.	19,610.
2 1/2.	Squares. Plastering	3	"	"	7.	
	Sundries	"	"	"	4.	
						42.
	Constructing a Road 1 and of 150 Yards in 8 3/4 Mile					
440.	Cubic Yards Brick in Chunam &c. (3)	3	"	"	1320.	
122 1/3.	Do. Rubble Stone	1	8	"	183.	
35.	Squares Plastering	3	"	"	105.	
3457.	Cubic Yards Earthwork	"	1	"	216.	
150.	Do. Metalling	"	13	6	127.	
50.	Do. Gravel	"	13	6	43.	
	Baling	"	"	"	50.	
	Sundries	"	"	"	86.	
						2130.
	Extra Establishment:					
1	Mistry for 6 months	20	"	"	120.	
1	Do. for 6 months	15	"	"	90.	
1	Do. for 2 months	15	"	"	30.	
1	Gumastah for 6 months	15	"	"	90.	
1	Do. for 6 months	10	"	"	60.	
	Carried Over				390.	21,782

Quantities	Description of Work	Rate.		
	Brought over.			
1	Coomeeta[illegible] for 2 months	10	"	"
2	Storekeepers for 6 months	5	"	"
1	D[illegible] for 2 months	5	"	"
	Sundries			
	Grand Total			

Deduct Amount already sanctioned by Govt. from D[illegible]
in their order No 882 dated 5th June 1861.
Net Amount requiring S[illegible]

Central Office of S. P. W.
6 Regiment
3rd May 1862

Kleichtalmy
Ag. Div. Chief

To Govt No 291 of 3d May/62
Forwg a letter to England
Dated 14th July 1862 No 56.

Enclosure.

Inca P.W. 1348/62

From The Acting Deputy
Chief Engineer. R. Caile
To The Secretary to Govt.
D. P. W.

Dated 3d
Desp'd. } May 1862.

No 291

Abstract Estimate of the
probable expense of Restoring
that part of Trunk Road
No II lying between the 86th
and 87th Miles known as
the Sudur Valley in the District
of Nellore.
Amounting to Rupees 7,264.

Submitted for Sanction

Submitted with the
recommendation that
the Work applied for
be carried out by
Contract as
advised by the Superintending
Engineer Northern Circle

Nellore 25th June 1862

Sd Illegible
Acting Deputy Chief
Engineer Northern Circle

Sd 43/714

Recommended Sanction

Sd Illegible
Superintending Engineer
Northern Circle

Sanction accorded by Govt. of
Fort St. George. No 1182 dated
26th August 1862.

Sd Illegible
Secy

The present Estimates have been prepared partly in consequence of a re-arrangement of the works, which the District Engineer considers desirable, and partly to provide for increased solidity in the depth of foundations and breadth of Apron both of which, ~~Captain Emmetson, the present District Engr.~~ is of opinion, are requisite in order to guard against the possibility of future accidents.

The Deputy Chief Engineer supports the District Engineer's designs, on the grounds that he has bestowed much pains on the investigation, and that it is advisable to adopt extraordinary precautions on account of the extraordinary visitations to which, past experience has shown, the locality is liable.

On these grounds the Government resolves to sanction the additional sum of Rs. 72,61[illegible] which the alterations entail to be met from the Reserve Fund of the current year.

It is observed that part of the sum* now asked for is owing to the omission in the original Estimate of an item for clearing the present breaches, which would not be occupied by Road Dams. The

* Rs. 2100

to

attention

attention of the Officer
who framed the Estimate
should be called to this

Copies

To
The Dy Ch Engr - Mr Smale encl 1 Encls Rec'd 24th
" Chief Engineer
Accountant General

Copy in a letter to England
dated 14th July 1862 Sl 66.

(27)

Restoration of the
portion of Trunk
Road No 6 in the
Vellore District

D.W. 1862 Despatch
Pro of Govt for June
No 1211
Pro: of Govt
dated 3rd June 1862

No 66. 67

Sanctioning an estimate
for restoring the Portion of
Trunk Road No 6 which
Crosses Goodore Valley between
Nellore and Dugarazapatnam