M.R.O. 1—77,006—3-6-37.

(1) Number of pages__________

(2) Date of repair__________

(3) Initials of the Referencer__________

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3544 Press ~~Mis.~~

551-552

Dated 23. 11. 1865.

Not to be folded or roughly handled.

Proceedings of the Madras Government, Public Works Department,
23rd *November* 1865.

7. The Ghát being four yards wide already except where rock occurs, Rupees 87,400 ought to suffice to open it to six yards. I am of opinion that inexcusable delay has occurred in the submission of this estimate, unaccompanied by a single plan or a survey.

No. 552. ORDER THEREON, 23rd November 1865, No. 3,544.

CIVIL WORKS, No. 79.

1. On the recommendation of the Superintending Engineer, the Government sanction the estimate for the Carcoor Ghát as revised by that Officer, amounting to Rupees 1,07,400. Rupees 20,000 of this sum represents the expenditure of previous years.

2. Referring to paragraph 7, Mr. O'Shaughnessy's attention will be drawn to the incomplete manner in which he has submitted the estimate under notice, and he will be instructed to conform strictly in future to the requirements of Chapter V. of the Code.

(True Extract.)
(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 7th Division, with ~~one~~ Two Enclosures
,, Controller of Public Works Accounts.
,, Accountant General.

Exd. S. T. Augustin.

No. 164.

Supg Engineer's Office 7th Dn
Coimbatore 1st November 1865.

From
The Superintending Engineer
7th Division

To
The Secretary to Government
Department Pub: Works.

Sir,

I have the honor herewith to submit the Estimate for the new Karkoor Ghaut just received from Mr O'Shaughnessy, and of which the following is an Abstract.

Enclosures 3.

	Amount			Proposed Revised Amounts		
1. 8 Tunnels 6 ft. sq: @ Rs 600 — Rs	4,800	"	"	[illegible]	"	"
2. 50 — 3 — " 500 — "	25,000	"	"	[illegible]		
3. 65 Drains 1½ — " 150 — "	9750	"	"	[illegible]	"	"
4. Revetting, 8111½ Cyds @ Rs 1½ — "	12,167	4	"	[illegible]	8	"
5. Blasting 14966¾ — 3 — "	44,900	4	"	[illegible]	[illegible]	[illegible]
6. Stony Soil 20544 — As 6 — "	7,704	"	"	[illegible]	[illegible]	
7. Gravelling 21446½ — " 5 — "	6,702	"	6	[illegible]	[illegible]	[illegible]
8. Stiff Soil 50596. — " 4 — "	12,649	"	"	[illegible]	"	[illegible]
9. Easy soil 100708¼ — " 3 — "	18,882	14	3	[illegible]	1	[illegible]
10. Catch Drains 11 miles @ 247½ — "	2722	8	"	"	"	"
11. { Clearing Forest 10 do — 320 — "	3200	"	"			
Do — 1 do — 50 — "	50.	"	"	"	"	
12. Sundries — "	5672	1	3	[illegible]		[illegible]
Total Rupees	154,000	"	"	[illegible]		
Estimated previous Expenditure				[illegible]		
Total of Sanction required				[illegible]		

Such total of Rs 154,000 being exclusive of Rs 11,500 spent

spent on the Ghaut ~~last year~~ by Mr. O'Shaughnessy in 1864-65. and a former computed outlay making up Rs. 20,000 or Rs. 174.000 in all-

2. I consider this excessive for an unmetalled Ghaut of only 11 miles in length, and on which no nullah of wider span than 6 feet is encountered; and I propose its reduction in the following manner and to the extent shewn in the last column of the above statement-

3 Items 1, 2, 3, I would reduce one half by the use of granite slabs laid over dry rough stone revetments as is done throughout the Coonoor Ghaut. The use of Chunam is superfluous, and will greatly delay the work. Rs. 19775 will still remain for underdraining 11 miles of Ghaut at 11 drains per Mile or 1 to every 160 yards of running feet-

4. Item No. 4 is charged just double what the same work is done for on the Neilgherries and the Coonoor Ghaut; I think an increase of 33⅓ per Cent ought to be a fair working rate on the Karkoor Ghaut-

5. Items 5, 6, 7, 8, 9, I propose to reduce in the proportion of 13 to 33 at which I calculate the saving of cutting by limiting the clear width to 18 feet instead of 21 feet-

6 I strike out Items 10 and 11 as work to be done out of the Maintenance Allowance for the Ghaut- And Item 12 is 5 per Cent on the whole of the other items-

7. The Ghaut being 4 yards wide already except where Rock occurs, Rs. 87,400 ought to suffice to open it to 6 yards. I am of opinion that inexcusable delay has occurred in the submission of this Estimate unaccompanied by a single plan, or a Survey.

I have the honor to be
Sir,
Your most Obdt. Servant
[illegible] Lieutt Col. M.E.
Supg Engineer 7th Dn.

C. 165 Nov 1865. O. 1857

No. 557

No. 3524 - 23rd Nov 1865

No. 4446

The Superintending Engineer 7th Dn

To

The Secy to Govt P.W.D.

Madras

Dated 1st Novr

Recd 10th Novr 1865

No. 164

Enclos. 3

Forwards Estimate for the New Karkur Ghaut

D. P. W. 7th Division

No. 5 South Wynaud Range

Estimate No. 52 of 1865/66.

30/10/65 No 1669

Original Works.

Abstract of Estimate for forming and bridging the Karkur Ghaut.

No.	Items	Rate				Amount			Total		
	Masonry.										
264	Cubic yards of masonry	per cyd	10	"	"	2.640	"	"			
2856	do do	do	8	"	"	22.848	"	"			
65	Road drains	each	150	"	"	9,750	"	"			
8111½	Cubic yards of revetting	per cyd	1	8	"	12.167	4	"			
	Centering					240	"	"			
	Approaches					200	"	"			
	Digging foundation					400	"	"			
12.600	Cubic yards of earthwork	per yard	"	4	"	3,150	"	"			
	Sundries					322	"	"	57.717	4	"
	Excavation										
14.966¾	Cubic yards of blasting	per yard	3	"	"	44.900	4	"			
20.544	Do of stony soil	do	"	6	"	7,704	"	"			
21.4~~34~~44	Do of gravelly soil	do	"	5	"	6702 ~~6.698~~	~~2~~	3			
50.596	Do of stiff soil	do	"	4	"	12.649	"	"			
115.228¾	Do of easy soil	do	"	3	"	21.605	6	3			
	Clearing forest and jungles					3,050	"	"			
	Sundries					5,675	15	9	102.282	12	0
						Total Estimate Rupees			154,000	0	0

No. 5 South Wynaud Range Office } Rupees One lac fifty four thousand only.

Gudalur 26th October 1865.

J. O'Shaughnessy

Sub Engineer No. 5 South Wynaud Range

G. W. Walker Lieut. Col.

Superintending Engineer 7th D.

From
The Sub Engineer
No 5 South Wynaud Rang.
To
The Superintending Engine
7th Division

Dated 26th October 1865

Received. PW 4446/65

vide letter from the Supdg Eng
7th Dn to the Secy to Govt D.P.W.
No 164 of 1st November 1865.

Original Works.

Abstract of Estimate for
forming and bridging the
Karkur Ghaut.

Estimate Rs. 154,000 – 0

Public Works Department

No 3544.

Proceedings of the Madras Government
Under date the 23rd November 1865
Read the following

From the Superintending Engineer
of the 7th Division

Forwards Estimate
for the New Karkoor Ghat

(Here enter 1st November 1865 No 164)

On the recommendation of the Supg Engineer, the Govt sanction the estimate for the Carcoor Ghât as revised by that Officer, amounting to Rs 107,400 – Rs 20,000 of which sum represents the expenditure of previous years.

Referring to Para 7, Mr O'Shaughnessy's attention will be drawn to the incomplete manner in which he has submitted the estimate under notice, & he will be instructed to conform strictly in future to the requirements of Chapter V of the Code.

24/4

7 To The Supg Engr 7th Dn ~~with~~ with Enclosures
4 Controller
Acct General

Despd 24th November

P.W. 1865 Depm
Pro: of Govt Fort Geo
No. 3574
Pro: of the M. Govt
D/ 23 Nov /65.

New Carcoor Ghat Malabar Dist. The revised estimate amounting to Rs 1,07,400 for sanctioned.

No. 551. 552

e. 15th Nove 1865 No 185