M.R.O. 1—77,006—9-5-31.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Reference_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 1620 Press
67-68 Mis.

Dated 3—6— 1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 3rd June 1864.

No. 67. Read the following Endorsement of the Superintending Engineer, 7th Division, dated Coimbatore, 27th May 1864, No. 9:—

Read the following letter from Captain J. VERTUE, R. E., Executive Engineer, Malabar, to Lieutenant-Colonel G. W. WALKER, R. E., Superintending Engineer, 7th Division, dated Cannanore, 16th May 1864, No. 38.

SIR,

1. In accordance with Government Order No. 1,086, dated 15th April 1864, I have the honor to inform you that we have now excavated five yards, and that the funds allowed have been expended.

2. I have been disappointed so far as the quality of the stone is concerned, it contains so much alumina as to render it unfit for building purposes.

3. It is evident that we are not far from water from the moistness and softness of the stone encountered, and I think it almost certain that two or three yards more will bring us to water.

4. Although five yards only have been now excavated the bottom of the excavation may be said to be seven yards below the level of the ground, as two yards had been taken out at some previous time.

5. Since writing the foregoing I have learnt that the water of a spring has actually oozed out.

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1. Returned for personal verification of the report alluded to in last paragraph, and for submission of an Estimate of further cost.

2. Endorsement will suffice.

(Signed) G. W. WALKER, Lieut.-Colonel, R. E.,
19th May 1864. *Superintending Engineer, 7th Division.*

Water has been reached in the seventh yard, but to obtain it in any quantity we must go a good deal deeper, say three yards.

ESTIMATE.

	Cubic yards.			
6th yard 12 × 10 =	120			
7th yard 11 × 9 =	99			
8th yard 10 × 8 =	80			
	299			
		Rs.	A.	P.
299 Cubic yards at 8 Annas		149	8	0
Trimming excavated soil, turfing slopes, &c.		30	0	0
Superintendence and sundries		20	8	0
Total.....		200	0	0

CANNANORE, (Signed) J. VERTUE, Captain, R. E.,
23rd May 1864. *Executive Engineer.*

Submitted to Government with reference to Order No. 1,086 of 15th April.

(Signed) G. W. WALKER, Lieut.-Colonel, R. E.,
Superintending Engineer, 7th Division.

No. 68. ORDER THEREON, 3rd June 1864, No. 1,620.

The Governor in Council sanctions an additional grant of Rupees 200 from the Reserve under "Military" for the further excavations proposed by Captain Vertue.

(True Extract.)

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

To the Superintending Engineer, 7th Division.
" Controller and Auditor of Public Works Accounts.
" Accountant General.
" Military Department.

Exd. S. T. Augustin.

Abstract Estimate No. of 1864-65
Nellore District
Work Constructing a Bridge of 7 Arches of 30 ft span each Across Pydaroo River and raising its Approaches on Trunk Road No. 6

Quantity	Description of work	Rate			Amount			Total		
	Raising Approaches.									
29,311	Cubic yds. of Earth work	"	1	2	2137	4	2			
9,058	Square yards of Turfing	"	"	4	188	11	4			
921	Cubic yards of Metalling	"	8	"	460	8	"			
1228	Do. of Gravelling	"	8	"	614	"	"			
	Superintendence and Sundries				199	8	6			
								3600	"	"
	Constructing a Bridge of 7 Arches of 30 ft span each									
56794½	Cubic feet of Laterite in Chunam	"	2	6	8874	2	3			
9,646⅞	Do. of Arch work	"	3	"	1808	12	7			
13211½	Do. of Concrete	"	1	3	1032	2	7			
160	Cubic yards of Metalling	"	8	"	80	"	"			
	Centring				3000	"	"			
	Excavation & Baling				500	"	"			
	Sundries & Contingencies				1104	14	7			
								16400	"	"
	Improving Channel bed above and below							1000	"	"
	Grand Total Estimate Rs.							21,000	"	"

Superintending Engrs. Office
2d Division Masulipatam
16th May 1864.
Exd. G. P.
R. E.

J. C. Anderson Lieut. Col.
Superintending Engineer
2d Division

Enclosure in a letter from the Supg. Engineer 2d Dn No 5 dated 16th May 1864 to the Secy to Govt. Cor.

Pr 2302/64

[illegible] 1626

Abstract Estimate No 4 of 1864-65

Work Constructing a Bridge of 7 arches of 30 feet span each across Pydaira River and Raising its approaches on Trunk Road No 6 - amount of Estimate Rs 21,000

Supd Engineer 2d Dn

Circulate

1621

No 1621

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The Government Sanction the Estimate of Rs 21,000 submitted with this letter for a bridge of 7 arches of 30 feet span, with embanked approaches across the Pydaira River at the 118th Mile of Trunk road No 6.

The cost of the work will be met from the assignment of Rs 21,500 in the Budget for Masonry works in the road within the Nellore District.

Chepauk
3d June 1864

To The Supd Engr 2d Dn With 1 specification & 1 section -
" Controller & Audr of P.W. Accounts
" Accountant Genl

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Despd 4th June