M.R.O. 1—77,006—8-6-37.

(1) Number of pages 8

(2) Date of repair 27-4-38

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 19-4-59

G.O. No.	905	Press Mis.
66-67 Dated	16-4-	1859.

Not to be folded or roughly handled

8/11/38

Fort Saint George, Public Works Consultation of 19th April 1859.

No. 66. Read the following letter from Colonel C. E. FABER, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 12th April 1859, No. 9488.

SIR,

In conformity with the instructions conveyed in Extract from the Minutes of Consultation No. 2220, dated 22nd October 1858, I have the honor to submit, for the information of Government, copy of an analysis furnished by the District Engineer of Coimbatore, of the cost of Brick work in chunam executed at Pollachy, during the year 1858.

2. Mr. Fraser observes that the work from which the analysis has been prepared is the only one lately executed in the District, and that the result may be taken as the maximum cost that could be incurred, where materials and workmen are easily procured. His opinion as to the manner in which a fair average could be obtained of the cost of Masonry, I entirely concur in, and I hope to be able when submitting the Statement called for in Extract Minutes of Consultation No. 2606, dated 3rd December 1858, to supply satisfactory information concerning the actual cost of Masonry, undertaken by the Executive Officers of this Department in the Districts through which the South West line of Railway passes.

Analysis of Brick-works at Pollachy in the District of Coimbatore.

Particulars of work.	The work was executed between January 1858 and January 1859.							Remarks.
	Quantity.	Cost.			Per Cubic yard.			
		Rs.	A.	P.	Rs.	A.	P.	
Wall Bricks expended.	3,31,500	991	12	0	0	0	0	This is the analysis of the cost of one work only, the new Hospital at Pollachy which is the only one recently executed in the District. The walls are 1½ feet thick, and there are no masses of Brick work to bring down the cost. The openings for Doors and Windows are numerous and large. The result may therefore be taken as the maximum cost of work of this kind. At a place presenting no difficulty in procuring workmen and materials. To get a fair average cost of Brick work the analysis should extend to work of all kinds from Marine abutments to arches. The former would cost less than the result of this analysis, and the latter would probably reach 5 Rupees a cubic yard.
Materials expended, Bricks	...	991	12	0	1	0	11	
Do. Chunam Parahs	1,938	484	8	0	0	8	3	
Labour of all classes—Days	12,933	1,405	7	3	1	8	0	
Superintendence, days	897	169	9	9	0	2	10	
Total Brick work executed	938	3,051	5	0	3	4	0	

District Engineer's Office,
Ootacamund,
22nd March 1859.

(Signed) W. FRASER,
District Engineer.

No. 67. ORDER THEREON, No. 905; dated 16th April 1859.

Ordered to be communicated to the Financial Railway Department, with reference ot Extract Minutes of Consultation in that Department dated 7th October 1858, No. 547.

(Signed) W. C. SIM,
Actg. Dy. Secretary to Government.

Central Office of P.W.
Fort Saint George
12th April 1859.

No. 9488.

From
The Chief Engineer

To
The Secretary to Government
Public Works Department.

Railways

Sir,

In conformity with the instructions conveyed in Extract from the Minutes of Consultation No. 2229, dated 22nd October 1858, I have the honor to submit, for the information of Government, Copy of an Analysis furnished by the District Engineer of Coimbatore, of the cost of Brick Work in Chunam executed at Pallachy during the year 1858.

2 Mr. Fraser observes that the work from which the Analysis has been prepared is the only one lately executed in the District and that the result may be taken as the maximum cost that could be incurred where materials and workmen are easily procured. His opinion as

An Analysis of Brick work at Colleachy in the District of Cuttack

Particulars of work.	The work is here executed between June 1858 & June 1859								Remarks
	Quantity	Cost			Per Cubic ft.				
									This is the analysis of the cost of one work only, the new Hospital at Colleachy which is the only one recently executed in the District.
Mill Bricks expended	331,577	991	12	"	"	"	"		
Materials expended. Bricks	"	991	12	"	1	"	11		The walls are 1½ feet thick, and there are no massive of Brick work to turing down the cost. The openings for Doors and windows are numerous and large. The result may therefore be taken as the maximum cost of work of this kind. At a place presenting no difficulty in procuring workmen and materials.
Do Chunam Carahs	1938	484	8	"	"	8	3		
Labour of all classes. Days	12,933	1405	7	3	1	8	"		
Superintendance ——— %	897	169	9	9	"	2	10		
Total Brick work executed	938	3057	5	"	3	4	"		To get a fair average cost of Brick work the analysis should extend to work of all kinds from Foundations to arches. The former would cost less than the result of this analysis and the latter would greatly exceed 5 Rupees a Cubic yards.

Dist.t Eng.r Office
Cuttack ....
22.d March 1859

/sd/ W. Fraser
District Engineer

/True Copy/
W. Ritchie Major
Asst.t Engr. Sn. Circle

Cuttack No.

5.

Civil Department

No

Enclosure in a letter from
the Chief Engineer
to
The Secretary to Govt
Of St. D.

Dated 12th April 1859
Received

No 9489

DD 901/59

Analysis of Brickwork
at Pallachy in the District
of Coimbatore.

Mr Cons: 7th & 8th Geo IV/58 & 58-59
29th Oct.r " 41-42

Mr Secretary Chapman
Dated 10th April 1859
Rec.d 12th April 1859
Ans.d

From
The Chief Engr
To The Secretary to Govt
Fort St George

Dated 12th April 1859.
Received 12 " "
No 905. 16th April 1859.
No 1488

Subject.

Submitting, with observations an Analysis of the Cost of Bricks in Chunam in the District of Coimbatore, prepared in conformity with Govt Mins Cons: No 2220 dated 22nd Oct.r 1858.- Mlly an order.

No 66 & 67.

No 905

Ordered to be communicated to the Financial Railway Department with reference to Govt Mins of Cons: in that Department dated 7th October 1858 No 3747.

Fort St George
16th Apl 1859

A Copy to the Fin.l Ry Dep.t Oct.r 18