M.R.O. 1—10,006—28-2-50.

(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. 3336 Press
~~B.P. No.~~ Mis.

Dated 25-11 1874 ~~195~~

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
25th November 1874.

Read the following letters:—

No. 456. From W. S. HARINGTON, Esq., District Engineer, Malabar, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Calicut, 22nd July 1874, No. 91.

I HAVE the honor to forward an estimate* for asphalting the old Commissariat Store-rooms at Malliapuram for sanction and allotment of funds.

* Rupees 730.

2. The estimate was called for by the local Military Authorities, and the Deputy Quarter Master General of the Army in his No. 4,967, dated 18th instant, informs me that it has met with the approval of His Excellency the Commander-in-Chief.

No. 456A. From the same Officer, dated Calicut, 29th October 1874, No. 159.

WITH reference to your No. 94, dated 4th August last, I have the honor to return herewith the estimate for asphalting the old Commissariat Store-rooms at Malliapuram reduced to Rupees 665, together with data showing the cost of asphalte, quantity used for 100 square feet, and charge for labor, fuel, etc.; also copy of letter from the Supervisor in charge of the Calicut Range, No. 360, dated 27th instant, from which you will observe that there is a fall in the rate per ton of asphalte.

No. 457. ORDER THEREON, 25th November 1874, No. 3,336.

MILITARY WORKS, No. 13.

THE estimate for asphalting the old Commissariat Store-rooms at Mallipuram, forwarded by the District Engineer of Malabar, is sanctioned. It is observed that the estimate as revised is Rupees 665.

2. The work is provided for from the Repair Funds under Military at the disposal of the Chief Engineer.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Malabar.
„ Controller of Public Works Accounts.
„ Military Department.

Ed. S.T. Austin.
Spare Copies

1145/1874

Estimate of the probable cost of Asphalting the Old Commissariat Store Rooms at Malleapooram.

Measurements Length	Breadth	Depth	Sup. Cont.	Cub. Cont.	Particulars	Rate per Article	Amount Work done	Explanations Remarks &c.
15	21 3/4	"	326 1/4		Office room			
15	21 3/4	"	326 1/4		2nd room			
42 1/4	21 3/4	"	918 15/16		3rd room			
74 3/4	21 3/4	"	1625 15/16		4th room			
7	7	1	49		Space of doorway			
Total			3246 1/4		Squarefeet or 32 1/2 squares of asphalting, 3/4 inch thick	@ 20 " sqre	650 "	
			3246 1/4		sq: ft or 32 1/2 squares of Removing dry earth and Repairing floor with 3 inches of jelly	@ 1 " "	328 "	
						Total	6828 "	
					Sundries & Superintendance at 7 1/2 per cent		478 "	
							165	
					Total Estimate of Estimate Rupees		730 " "	

Edward. Asphalting Old Commissariat Store rooms at Malleapooram. Taluq

No. 2 for Calicut Range Office
Calicut 27th June 1874

Commanding Madras Sappers & Miners

W. Farrington
District Engineer, Malabar.

Checked
Malabar Dist. Engineers Office
Calicut 8th July 1874

Chacon
Superintendent of Works
In charge Calicut Range

Submitted for approval of works
Malabar Dist. Engineers Office

Rs. 750

Malabar Dist. Engr's Office
Calicut 22nd July 1874

No. 91.

From

The District Engineer
Malabar

To

The Secretary to Government
P. W. Department
Madras

Sir,

I have the honor to forward an Estimate for Repitalling the old Commissariat Store-rooms at Mallapuram for sanction and allotment of funds.

The Estimate was called for by the Local Military Authorities, and the Dy: Quarter Master General of the Army in his No. 4967 dated 18th Instant informs me that it has met with the Approval of His Excellency the Commander-in-Chief.

I have the honor to be
Sir,
Your most obedt. Servant

W. Livingstone

District Engineer, Malabar

F.B.

Rd. 25 Aug 74
Ans 13 Sept 74
MM 1624/74

Specification for Asphalting the old Commissariat Store Rooms at Ellathoor Tanur.

Amount of Estimate Rs 7330-0-0

The Asphalte should be ground to a fine powder, rolled and mixed with 3½ lb of own weight of Coal Tar then thoroughly heated, and when of a proper consistency to be laid to ¾ inch thick in rectangular wonden moulds, without bottoms. The edges of moulds to be smeared with a thin coat of Cocoa nut oil to be made good with same Composition when cooled down. The whole surface to be smoothed over with a hot iron and treated with powdered Asphalte.

Before the Asphalte is laid, the ground to be levelled with 3 inches of Jelly Mill Ammunition

Calicut 27th June 1874

Lieutenant Malabar Police Battalion

Malabar & Canara Office
Calicut 27th July 1874

Lieutenant & Adjutant
Malabar Police Battalion

P. W. 1874. Dept.
From No. 4624
The Dist. Engineer
Malabar
To
The Secretary
to Govt. M. P. W.
Madras
Gen. No. 3336. 25-11-74
Dated 22nd
Rec'd 27th July 1874

Subject Estimate
Asphalting the old
Commissariat Store-
rooms at Ellathur-
tanur

Memo No. 94 dated 8-7-74

Forwards for sanction and allotment of funds an Estimate for Asphalting the old Commissariat Store-rooms at Ellathur-tanur

No 146

Recd & Advised 28 July 1874 R. 104 V. 1

No. II on Calicut Range Office
Calicut 24th October 1874.

No. 360

From

The Supervisor in charge
Calicut Range.

To

The District Engineer
Malabar

Sir

As directed in your Endorsement No. 296 dated 10th September 1874 on the Under Secretary to Government P.W.D. No. 94 dated 4th August 1874, I beg to enclose data of cost for laying asphalte per 100 Sq. feet 3/4" thick when the estimate for asphalting the old Commissariat Store room at Malliasseram was framed in June last. Asphalte was sold at Rs 60 per ton. Now it can be had at Rs 50 per ton. I have therefore reduced the rate to 18 Rs per Square.

I have &c.

/Signed/ J. Talbot Supervisor
In charge Calicut Range.

/ True Copy /

W. Stirling

Dy. Engineer Malabar

1 Estimate with Specification
Commt. Sheet at Malliasseram

No. III Calicut Range
Calicut Collector

Dated 25th
Received 28th June 1875

Copy of Letter from the Dist. Engineer, Malabar to the Secretary to Government P.W.D. Madras. No. 91 dated 22nd June 1875.

Rs. 1840

Rs. 55205 3/4

Rs. 25 3/4 Rs. 55230 3/4

Estimate and Specification for Repairs to the old Commissariat Store at Palliasseram

Estimate of Repairs to the old Commissariat Store at Palliasseram

Amount of Estimate Rs. 738

Amount of Estimate Rs. 738

Remarks

Data for Paving with Asphatte 100 Sqr. ft. 3/4" thick
for the Old Commissariat Store room at Malapuram.

	Rate			Amount			Remarks.
2/2 Brick layers ——— @	1	..	each	2	8	..	The cost of asphatte at the time
4 Coolies ——— @	..	6	..	1	8	..	have to take from Calicut
3 cwt. asphatte ——— @	60	..	1 ton	9	..	..	To Malapuram 31 miles to lay the
Carriage of do —(31 miles)							asphatte. this being a new thing
loading & unloading charges	..	..	..	2	8	..	in the Coast.
1 Cart load of river sand					4	..	
16 lbs of tar ——— @	..	1	6	1	8	..	
1 bottle of Gingelly Oil					4	..	
Fire wood				1	10	..	
Wooden Frames, Sundries &c					14	..	
Total Rupees				20	..	..	

The cost of asphatte is now Rs 50 per ton
the rate can therefore be reduced to Rs 18 per 3qre-

(Signed) J. Labor. Supervisor
In charge Calicut Range -

(True Copy)

W. Lemmington

Dy Engineer Malabar

Malabar. Dist. Engrs Office
Calicut 29th October 1874.

No. 159.

From

The District Engineer
Malabar.

To

The Under Secretary to
Government P. W. D.

Sir

With reference to your No. 94. dated 4th August last. I have the honor to return herewith the Estimate for asphalting the old Commissariat Store-rooms at Malleasoorum, reduced to Rs 665, together with data shewing the cost of asphalte, quantity used for 100 squre feet and charge for labor, fuel &c. also copy of letter from the Superintendent in charge of the Calicut Range No. 360 dated 27th Instant; from which you will observe that there is a fall in the rate per ton of asphalte.

I have the honor to be
Sir
Your most obdt Servant

W. Manning Lieut
District Engineer - Malabar

7th

Public Works Department

Proceedings of the Madras Government

Read the following

From
The District Engineer
Malabar

3336
(TC & No. 91 dated
22 July 1874)

Do Do (TC & No. 159 dated
29th October 1874

The Estimate
for asphalting the old
Commissariat Storeroom
at Mulliapuram for-
warded by the District
Engineer of Malabar is
sanctioned. It is observed
that the estimate as
revised is Rupees 665.

The ~~work~~ ~~District Engr.~~
~~must~~ will provided ~~this~~
~~Amount~~ from the Repair
funds ~~at~~ disposal
of the Chief Engineer.

Ans

GWW

46/4

E. Malabar
Controller
Military Dept
Dispd 27/11/74.

O. Public Works Dept. No. 3336
The District Engineer
Malabar

To The Under Secretary to
Govt. P. W. Dept.
Fort St. George.

Dated 29th October 1874
Read 2nd November 1874
No. 159
Encls. 2 Vols.

Retaining the Estimate
for asphalting the old
Commissariat Storeroom
at Mulliapuram belonging
to the Public Department
Calicut to Rs. 665 -
Sanction to Rs. 665 -
P.W. Dept. No. 3336. 25-11-74.

4624
6840

Govt. of [1874] Madras.

PUBLIC WORKS.

To

The Asst. Engr.
Malabar

Dated

Recd. Encl. 3

G. O. 25 Nov 1874, No. 3336

Nos. 456-457

Old Commissariat Store rooms at Mallapooram Malabar Dt. Estimate for asphalting the store rooms sanctioned —