M.R.O. 1—77,006—8-6-37.

(1) Number of pages

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public (Archives) DEPARTMENT.

G.O. No. 2275 Press Mis.
203–204

Dated 2-2-71 1870.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 22nd September 1870.

No. 403. Read the following letter from Captain H. T. ROGERS, R. E., Executive Engineer in charge of Superintending Engineer's Office, 4th Division, to the Secretary to Government, Public Works Department, dated Madras, 15th September 1870, No. 2,501:—

WITH reference to paragraph 2 of G. O., No. 1,679, dated 12th July last, I have the honour to forward a comparative statement showing how the excess over the estimate occurred in the construction of the wash-house and urinal at Palaveram; also a letter from the Officer in charge of the Mount Range explaining the necessity for the excess expenditure, and stating that it was owing to his having expected to be able to carry out the additional work within the limit of the estimate that he did not apply for extra funds. The completion certificates referred to in paragraph 6 of the above quoted order have all been supplied, with the exception of that for the work noted in the margin, which the Range officer has not yet been able to furnish owing to his having been prevented by ill health from inspecting the repairs after completion.

One comparative statement.
One letter, No. 645, dated 8th August 1870.

Road from Satghar to Mailpatty.

2. I have, however, thought it advisable not to wait for this certificate before replying to the Government Order above quoted, but as soon as it is received the circumstance shall be reported.

From the Executive Engineer, Mount Range, to the Superintending Engineer, 4th Division, dated Saint Thomas' Mount, 8th August 1870, No. 645.

WITH reference to your No. 1,739, dated 25th ultimo, I have the honour to forward a comparative statement showing the estimated and actual expenditure on the lavatory at Palaveram The excess was caused by the following additions and alterations:—

2. Wooden collar ties substituted for the iron ties of original estimate. In the original estimate only four iron ties were provided for twenty-eight rafters, so that twenty-four rafters would not have been tied at all and there would have been nothing to prevent the rafters spreading, except their slender connection with the four-tied rafters by means of the reapers, a construction which would certainly not have been secure.

3. The covered passage by an error in the original estimate was not made sufficiently long by 10½ feet; if the original length had been adhered to, the building would not have been in line with the other out-houses attached to the barracks. This would have been both unsightly and inconvenient. Moreover, by an oversight in the estimate, the walls of the covered passage of 11½ feet leading from the main passage into the urinal were omitted.

4. Eaves boards were added to the building to protect the ends of the rafters from the weather.

5. Gravelling round the building was executed partly to put a neat finish to the work, and partly to prevent water lodging in the loose earth around the walls.

6. I regret much that I should have exceeded the estimate without having previously reported the matter, but I was in hope that the alterations and additions could have been carried out within the estimate. These alterations and additions I am confident were absolutely necessary to make the work satisfactory. The building has had much time and thought given to it by me, and I think it will be conceded that it has been well executed. The drainage of the whole building has been

very carefully attended to, and the arrangements for providing water are such that two men at the well can fill all the reservoirs in less than an hour. The well has been found to be inexhaustible by hand-power.

7. I trust that this explanation will be deemed satisfactory by the Government.

No. 404. ORDER THEREON, 22nd September 1870, No. 2,295.

MILITARY WORKS, No. 16.

THE Government cannot accept as satisfactory the explanation afforded of the proceedings of the Executive Engineer in charge of the Mount Range in having permitted outlay to be incurred on the wash-house and urinal at Palaveram after the estimate had been exceeded beyond the prescribed limitation. Repeated orders have been issued to warn Range officers against unauthorized outlay of every description, and the Government must express their dissatisfaction that an Officer of Captain Rogers' standing and experience should have permitted those orders to be disregarded.

2. His Excellency in Council will await the receipt of the report promised in paragraph 2 as also of the explanation regarding the excess outlay over estimate for the compound wall of the Female Hospital at the Mount called for in paragraph 2 of G. O. of the 12th July 1870, No. 1,679.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 4th Division.
,, Controller of Public Works Accounts.

Exd. E. C. Shunker.

Comparative Statement Showing the Work Sanctioned and the Work Actually Executed for Construction Wash House and Urinal for the European Troops at Palaveram as per Standard Plan.

Description of Work.	Remarks.	Original Sanctioned Estimate. Quantity	Rate	Amount	Work Actually performed. Quantity	Rate	Amount	Increase Quantity	Rate	Amount	Decrease Quantity	Rate	Amount	Remarks.
Concrete Work	Cu yds	44 1/3	3	134	37 1/3	3	154	6 12/27		20				Increase on account of Extra Work in passage
Brick Work in Cement	Do	344	3 12	1290	357	3 12	1338 12	13	3 12	48 12				do for 22 feet additional covered passage Vide accompanying letter
Arch Work	Do	27	5 8	149	27	5 8	148 8						8	
Plastering with 2 Coats	Squares	102	2 4	230	112 1/2	2 4	253 2	10 1/2		23 2				Plastering Extra length of passage as above.
Cornice Work	Rft	238	4	60	239	4	59 12	1					4	
Flooring with Brick Lolly	Squares	8	4	32	8	4	32							
Do with Asphaltic	Do	9	17 66	158	9	17 66	158 10 6						1 5 6	
Do with 8" Square Bricks	Do	6	7 8	45	7 1/4	7 8	54 6	1 1/4	7 8	9 6				Extra length of passage as above
Roofing with Tank Pepers flat & pan tiles	Do	15 1/3	15	231	15 1/4	15	228 12						2 4	
Do with do and palmirah Rafters	Do	13	24	312	12 7/8	24	303						9	Saving by fractions.
Terracing with brick on Edge	Do	5	21	105	6	21	126	1	21	21				Extra length of passage as above
Teak Wood	Cu feet	147 1/2	3	443	190	3	570	42 1/2		127				Wooden Collar ties substituted for Iron tie Rods as explained in accompanying letter
Honey Comb Tiled Work	Sq feet	16	1	16	16	2	2							
Fixed Venetian Windows	Do	108	1 4	135	108	1 4	135							
Panelled doors and Windows	Do	165 1/2	1	166	165 1/2	1	165 8						8	
Glazed Semicircular fan lights 9"	Do	101 1/2	1	102	107	1	107	5 1/2		5				
Canvass Screen with frames 9"	Do	84	8	42	84	8	42							
Wooden Spattings	Do	138	11	94 5	138	11	94 14						2	
Zinc Screen with fixtures	Do	45	12	34	45	12	33 12						4	
Do Pipes 3" diameter	Rft	38	4	14	42	4	10 8				14	4	3 8	
Wooden Pegs with frames	Sq	84	3	16	84	3	15 12						4	
do Wheel for Well	Do	1	5	5	1	5	5							
Well 6 feet diameter 20 feet deep	Do	1		160	1		150							
Cesspools	Do	2	28	56	2	25	50						6	
Iron Pins	Do	4	8	32							4	8	32	Vide Remark 2 for Teak Wood brought and put up
Excavation	Cu yds	128	2	16	128	2	16							
Earth Boards including painting and fixing	Rft				240	2	30	210	2	30				Extra Work as per accompanying letter
Fravelling	Squares				13 1/2	10	8 7	13 1/2	10	8 7				
Contingencies				196			194 3						1 13	
				4230			4485 49			292 11			57 63	

Revised Amount originally Sanctioned in Sch 3536 of 13 November 1868. ——— 4230 ..

Difference or Excess Expenditure. 255 49.

Asst Commt Range Office
Fort St Thomas Ground 8 August 1870

Capt RE
Engr in Chief Supdg Engr
Office 4th Dvn

Capt RE
Executive Engineer Ground Range

No. 645

From The Executive Engineer
Brunt Range.

To The Super. Engineer 4 Dn.
Madras.

Sir,

With reference to your No 1759 dated 25th Ultimo, I have the honor to forward a Comparative Statement showing the Estimated and actual Expenditure on the Lavatory at Palaveram. The excess was caused by the following additions and alterations.

Encls. 1.

2- Wooden Collar ties substituted for the iron ties of Original Estimate- In the Original Estimate only 4 iron ties were provided for 28 rafters so that 24 rafters would not have been tied at all and there would have been nothing to prevent the rafters spreading except their cluster connection with the 4 tied rafters by means of the purlins, a construction which would certainly not have been secure -

3/2

Ex. Engr's Office No 645 Dated 8th Oct 1910

From The Executive Engineer
Brunt Range.

To The Super. Engineer 4 Dn.
Madras.

Sir,

With reference to your No 1759 dated 25th Ultimo, I have the honor to forward a Comparative Statement showing the Estimated and actual Expenditure on the Lavatory at Palaveram. The excess was caused by the following additions and alterations.

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Copy forwarded to
The Executive Engineer
Brunt Range.
for information.

Sd
Superintending Engineer.

3. The Covered passage by an error in the Original Estimate was not made sufficiently long by 10¼ feet: if the original length had been adopted, = herein the building would not have been in line with the other outhouses attached to the Barracks. This would have been both unsightly and inconvenient. However by an oversight in the Estimate the width of the Covered passage of 11¼ feet leading from the main passage into the Grinal were omitted.

4. Eaves boards were added to the building to protect the ends of the Rafters from the weather.

5. Trenching round the building was executed partly to put a drain to it from the work and partly to prevent water lodging in the loose earth around the Walls.

6. I regret much that I should have

have exceeded the Estimate without having previously reported the matter, but I was in hope that the alterations and additions could have been carried out within the Estimate. Those alterations and additions I am confident were absolutely necessary to make the work satisfactory. The building has had much time and thought given to it by me and I think it will be conceded that it has been well executed. The drainage of the whole building has been very carefully attended to and the arrangements for providing water are such that two men at the well can fill all the Reservoirs in less than an hour. The well has been formed to be impracticable by hand power.

I think that this Explanation will be deemed satisfactory by the Government.

I.

I have the honor to be,
Sir,
Your Most Obed. Sl.
H. M. Rogers Capt. R.E.
Ex Engineer Mount Pleasant.

Mount Pleasant
Office
8th August 1830.

From
The Ex. Engineer
Madras Range

To The Secy Govt
4th Div

Dated 8th

Rec'd 30 Augt 70

P.P. 3653/70

No 645

Encl 1

Forwards Comparative Statement of the Cavalry at Bellary

No 2501

Superintending Engrs Office
4th Division Madras
15th September 1870.

From
Captain H.E.J. Rogers R.E.
Executive Engineer in charge
Stpg Engineers Office 4th Division

To
Colonel H.E. A. Orr R.E.
Secretary to Government P.W.D.

Sir,

With reference to Paragraph 2.
Enclosures
1 Comparative Statement.
1 Letter No 645 dated 8th Augt 70.
of G.O. No 1679 dated 12th July last.
I have the honor to forward a comparative Statement, shewing how the excess over the estimate occurred in the construction of the watch-house and urinal at Palaveram also a letter from the Officer in charge of the Mounted Range, explaining the necessity for the excess expenditure and stating that it

it was owing to his having expected to be able to carry out the additional work within the limits of the estimate that he did not apply for extra funds.

The completion certificates referred to in Paragraph 6 of the above quoted order have all been supplied with the exception of that for the work noted in the margin, which the Range Officer has not yet been able to furnish owing to his having been prevented by ill health from inspecting the repairs after completion.

Road from Satghur to Mailputty.

2. I have however thought it advisable not to wait for this certificate before replying to the Government order above quoted but as soon as it is received, the circumstance shall be reported.

I have the honor to be

Sir

Your Most Obedient Servant

H. Wheeler Capt. R.E.

Ex. Engr. 4th Div. Supdg. Engr. Office &c.

No 2295

Proceedings of the Madras Government.

Under date the 22nd September 1870 -

Read the following

From the Ex Engr in charge of Sply Engrs Office 4th N.E. No 2501 of 15 Sept 1870

The Government cannot accept as satisfactory the explanation afforded of the proceedings of the Executive Engineer in charge of the Mount Range in having permitted outlay to be incurred on the Wash house and Urinal at Palaveram after the estimate had been exceeded beyond the prescribed limitation. Repeated orders have been issued to warn

Range

1870 Sept 16

No 3653

The Ex Engr in charge
of Sply Engrs office
Madras

To The Secretary to Govt
P.W. Dept

Dated 16 September 1870.

Rec'd 16 September 1870.

Encl 2 No 2501

No 2295 - 22nd Sept 1870

Submitting a comparative statement shewing how the sum over the estimate incurred in the construction of the Wash house and Urinal at Palaveram & also a Letter from the Officer in charge of the Mount Range explaining the necessity for the Excess Expenditure.

No 403

Range Officers against un-
authorized outlay of every
description, and the Govt.
must express their dis-
satisfaction that an Offi-
cer of Capt. Rogers standing
and experience should
have permitted these or-
ders to be disregarded.

His Excellency in
Council will await the
receipt of the Report
promised in para 2.
as also of the explana-
tion regarding the ex-
cess outlay over esti-
mate for the Com-
pound wall of the
Female Hospital at
the

Amount called for in
para 2 of Gr. O. of the
12th July/70. No. 1679

12

27

Sup/Mgr. 4 "Dft.
Controller, P.Wks. Accts.

Dept. 23/9/70

C/3653

Govt. of [1870] Madras.

PUBLIC WORKS.

To The Superintending Engr.
4th Circle

Dated

Read. 2

G. O. 22 Sept. No. 2295.

Nos. 1013-1014

Wash house & Urinal at Salavenam.

Papers ordered on the letter from the Supg. Engr. 4th Division submitting a comparative statement showing the exact expenditure incurred on the Construction of the Wash house & Urinal at Salavenam and the explanation of the Exc: Engr. in charge of the Mount Range.