

(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.	2642	Press
		Mis.
231-232		
Dated	13-9-	1864.

Not to be folded or roughly handled

23

*Proceedings of the Madras Government, Public Works Department,
13th September 1864.*

No. 231. Read the following Proceedings of the Madras Government in the Military Department:—

Approving of the Estimates amounting to Rupees 586 for constructing Artillery Butts for Armstrong Guns and two new Ricochet Butts for the Dragoons at Bangalore. } (Here enter 2nd September 1864, No. 3,077.)

No 232. ORDER THEREON, 13th September 1864, No. 2,642.

1. Communicated to the Superintending Engineer, 5th Division, for information and guidance.
2. Colonel Hill will observe that the cost of the work is to be borne by the Military Department.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Deputy Secretary to Government.

To the Superintending Engineer, 5th Division:

- „ Accountant General.
- „ Controller of Public Works Accounts.

Exd, S. T. Augustin.

6 — covering same

Carried over

19

MILITARY DEPARTMENT.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

From the Executive Engineer in charge 5th Division, Cuddalore, 16th August 1864, No. 774 ;
to the Secretary to Government, Department Public Works.

I have the honor to forward, for the sanction of Government, the accompanying

- | | |
|--|--|
| <p><i>Enclosures 6.</i>
2 <i>Estimates.</i>
2 <i>Specifications.</i>
2 <i>Letters Nos. 85 of 22nd June and 153 of 3rd August 1864, (to be returned.)</i></p> | <p>Estimates amounting together to Rupees 586, for constructing Artillery Butts for Armstrong Guns and two new Ricochet Butts for the Dragoons at Bangalore.</p> |
|--|--|

2. The Assistant Engineer having fully reported on these Estimates in his two letters, (original) herewith sent, nothing remains for me but to recommend that his proceedings may be approved, and the Estimates authorized for immediate execution.

From the Executive Engineer, Bangalore, 22nd June 1864, No. 85 ; to the Superintending Engineer 5th Division, Salem.

I have the honor to forward, for sanction, the following Estimates :—

- | | |
|---|---|
| <p><i>Enclosures 8.</i>
1 <i>Plan.</i>
3 <i>Estimates.</i>
1 <i>Abstract Estimate.</i>
3 <i>Specifications.</i></p> | <p>1st. Estimate amounting to Rupees 76, for a Shed for a Sentry to walk close to the Magazine in the European Infantry Barracks.
2nd. Estimate amounting to Rupees 420, for Butts for Armstrong Guns.
3rd. Estimate amounting to Rupees 166, for constructing two new Ricochet Butts, and thickening the top of the main Butt on the Infantry Rifle Range.</p> |
|---|---|

2. A Plan and Specification accompanying the 1st Estimate, which needs no further comment. It has been prepared at the request of the Officer Commanding the Division, and has been approved by him.

3. The second Estimate appears to have been called for so long ago as October last, and a rough Estimate was forwarded and approved by Government in the Military Department, in December. No copy of the Order appears to have been sent to the Executive Engineer, though it was sent for perusal by the Deputy Assistant Quarter Master General of the Division, so I cannot give the number and date. Nothing further appears to have been done about the matter until my attention was called to it privately by the Deputy Assistant Quarter Master General a few days ago. I have not thought it necessary to prepare a Plan for this work, as the Estimate and Specification give all necessary information.

4. The third Estimate appears also to have been called for in October last, but nothing was done, on the ground, I am told, of want of funds. My attention was again called to the matter a few days ago by the Deputy Assistant Quarter Master General. It appears that the question was originally made in consequence of the report of the Inspectors of Musketry, and the necessity for the work still exists. The Butt is very thin at the top, dangerously so indeed, and the Ricochet Butts are much required. No Plan has been prepared for this, as the work is very simple and the Estimate and Specification give all necessary details. The Estimate has been approved by the Officer Commanding the Division.

5. I am altogether in doubt as to what Sub-Divisional head to enter these two last Estimates under ; a similar work executed a short time ago appears to have been entered under "accommodation for Troops," but that seems hardly correct. I should say "Staff" would be better, or perhaps "Ordnance" for the Artillery Butts. I shall leave this point for your decision.

From the Executive Engineer, Bangalore, 3rd August 1864, No. 153 ; to the Superintending Engineer 5th Division.

With reference to my letter, No. 85, of the 22nd June 1864, forwarding for sanction an Estimate of Rupees 420, for the construction of a Butt for Armstrong Guns at this Station, I have the honor to state that I have received a letter from the Deputy Assistant Quarter Master General of the Division, informing me that the Butt is very urgently needed, and requesting me "should I feel myself justified in so doing," to put the work in hand at once, in anticipation of sanction to the Estimate.

covering same

Carried over

2. The Estimate was approved by Government in the Military Department as long ago as December last, (*vide* my letter above referred to) so that there is, I presume, no doubt of its being sanctioned. I have therefore determined to commence the work at once, as requested by the Divisional Authorities, a course which I trust will be approved.

Referred to the Military Department, with copy of G. O., No. 1678, dated 17th September 1856.

The charge for the Butts appears properly debited to the Military Department.

(Signed) J. S. STEWART, Major, R. E.,

22nd August 1864.

Depy. Secy. to Govt., P. W. D.

ORDER, No. 3077, 2nd September 1864.

Approved for immediate execution.

2. The charge comes under the head "Military Works," debitable to that Department.

(True Extract.)

Macmillan
Deputy Secretary to Government.

To the Public Works Dept., with 6 enclosures. 120 *same* Copies

- .. Quarter Master General
- .. Controller of Military Accounts.
- .. Adjutant General,.....
- .. Insp. Genl. of Ordnance,.....
- .. Examiner of Ordnance Accounts,

for information.

Erd. T. Stubbs.

Military, Army.
Estimate of the Probable Cost of Constructing Rechochet Butts and increasing the thick top of the Butts on the high ground beyond General Cuthberts House. Prepared agreeably to the Memo. from the Dy. Asst. Secy. Mr. General No. 225 of 15th October 1863.

Particulars of Work	Measurement	Rate	Contents
Stone posts	8	15 6	4 0
Summer stones	8	15 9	2 0
Covering stone	8	18 6	6 0
Earth Drift	30	3 7 1	67 0
Surfing	30	7 1	210
White clay at the top	8	8 1 1	64
For thickening the top of the Butts			
Earth Drift for Butts	710	2 5 1	710 0
Stone post jarvis	12	9 6 1	1 0

Abstract of foregoing Estimate

quantity	Description of Work	Rate	Amount Total
4	Stone posts	2 8 0	10 0
2	Summer stone	2 8 0	5 0
6	Covering stone	2 8 0	12 0
	Carried over		27

quantity	Description of work	Rate	Amount	Est ab
	Brought over	27		
632	cf of Earth work around the butt . . . 3	10		
2	Square of Surfing out side . . . 14	2		
64	cf of white clay overhauling stone . . . 4	1		
	Estab for one Butt. Per	40		
	do Two do		80	
	for the thickening top of the butt			
7102	cf of Earth work for butt . . . 2	74		
1	Stone slab jarun	4		
			78	
	Estab Paper		158	
	Sundries Per		8	
	Estab Amount of Paper		166	

By Engineer of the
Bangalore
15th June 1864.

Van Beningmish Lamb B.C.
By Engineer Bangalore

Approved
By order
of the Captain
of the Division
of the Bangalore

W. Shariston.
Executive Engineer
of the Bangalore

Charles H. C. C. C.

Military, Bangalore. No 28
 Estimate of the Probable Cost of Constructing Artillery Butts for
 Armstrong Guns at Bangalore prepared agreeably to Memorandum
 received from Deputy Assistant Quarter Master General No 226 dated
 24th October 1863.

No	Measurement			Superficial	Cubic	Particulars	Rate	Per	Amount	Total
	L	B	D							
1	68	20	25			3 ft 6 in Earth work for Butts	2	4	354	2 8
2	68		26	3536		Surfing front and rear				
						walls				
2	20		26	1040		End walls of Butts				
1	60		12	720		Top of Butts				
Total				5296		Sq feet of Surfing	1		52	15 4
									407	7 4
						Sundries			12	14 8
						Total Rubric			420	20

By Engineer's office
 Bangalore
 15th June 1864.

John Pennywick Lieut R.E.
 By Engineer Bangalore
 W. Marinton. Capt. R.E.
 Executive Engineer
 Approved
 By order of the
 District Officer
 D. H. M. S.

By order of the
 District Officer

Compd M
 Capt. M.

Estimated
 Bangalore
 15th June 1864
 A - 9777 2864/16
 From the Engineer
 Bangalore
 The Lieut. Engineer
 5th Division
 Bangalore
 dated 15th June 1864 -
 Received
 Subject of the Probable cost
 of Constructing Butts
 Butts and masonry the
 work at top of the Butts
 on the high ground

Amount of Rs 420 20 0

9th 1864 Dept
Pro. of Govt for Sept.
No 3944

Pro. of Govt on the
Mil. Dept.

Df 2 } Sept/64
Recd 7 }
86. No 3077

Approving of the
amounting
Estimates to Rs 588 for
Constructing Artillery
Batts for Armstrong
Guns & two new Rieches
Batts for the Dragoons
at Bangalore.

No. 201. 232

evd 26/2-13th Sept/64
With an Order

28

From
3944
24/6/64
200 Rs in person

Bangalore

To Mr. C. in person
5th division
Bangalore

dated 15th June 1864

No. A. 7044/303884

Estimate of the probable cost
of constructing Artillery Batts
for Armstrong guns &c

Comptroller

General of Bangalore 103880

List

1102

13

no 2642

- 1 Communicated to the Superintending Engineer 5th Div for information and guidance.
- 2 Colonel Hill will observe that the cost of the visit is to be borne by the Military Department.

To The Sup^r Engineer 5th Div with two letters & two Chief Reports
Accountant General
Controller of P. & W. Accounts
Chepaukto
12th Sept 64
Sept 14th Sept

x289