

(1) Number of pages 22(2) Date of repair 24-11-38(3) Initials of the Referencer cf**MADRAS RECORD OFFICE.****Government of Madras.***Public Works* **DEPARTMENT.***Cons. 20. 3. 1860*

G.O. No.	557-58	Press Mis.
83-85 Dated	16-3-1860.	

Not to be folded or roughly handled*aj*

D

*Proceedings of the Madras Government, Public Works Department,
for the month of March 1860.*

No. 83. Read the following letter from Colonel J. H. BELL, Chief Engineer, to the Secretary to Government, dated 2nd March 1860, No. 10,939 :—

With reference to the correspondence noted in the margin, I have the honor to forward herewith a Plan and Estimate amounting to Rupees 3,610, for the temporary accommodation to be provided at Waltair for the Detachment of Artillery under orders for that Station.

From Government, 31st December 1859, No. 2998.
To do. 31st January 1860, No. 9783.
1 Letter from District Engineer, dated 1st February 1860, No. 1005.
1 Do to Quarter Master General, dated 21st February 1860, No. 10,534.
1 Do. from do. 25th February 1860.

2. The Estimate, the rates allowed in which have been examined and found correct, provides for the following Buildings :—

1 Range of Barrack...	...	...	153 × 34
1 Married Men's Quarters	...	...	181 × 34
1 Harness Room...	...	...	169 × 31
1 Gun Shed...	...	...	75 × 22-6
1 Trough for watering Horses.			

The Plan of the Buildings has been approved of by His Excellency the Commander-in-Chief.

3. In their Proceedings No. 432, dated 28th February 1860, Government sanctioned the Estimate for the above buildings amounting, exclusive of that for the Trough for watering Horses, to Rupees 3,320.

4. As the District Engineer, however, has no funds available for carrying out the works in question during the current official year, I beg that the above amount may be authorized as an advance on the Budget of 1860-61.

No. 84. ORDER THEREON, 16th March 1860, No. 557.

Under the circumstance reported in this letter, the Government authorize as an advance on the Budget of 1860-61, so much of the estimate of 3,320 Rupees sanctioned in Military Proceedings dated 20th February 1860, No. 749,* for erecting temporary accommodation for a detachment of Artillery at Waltair, as may be necessary for expenditure within the current official year.

(Signed) J. D. BOURDILLON,
Secretary to Government.

No. 85. Ordered in consequence that the following letter be dispatched :—

From J. D. BOURDILLON, Esq., Secretary to the Government of Fort Saint George; to Captain C. H. DICKENS, Officiating Secretary to the Government of India, D. P. W., dated 16th March 1860, No. 558.

The A Company 4th Battalion Artillery, and No. 1 Horse Field Battery, have been ordered from Banda, Humeerpore, and Kirwee to Waltair by sea from Calcutta; and as accommodation is immediately necessary for the reception of these Troops, the Government have sanctioned the erection of the necessary buildings of a temporary character, on an Estimate of 3,320 Rupees exclusive of a trough for the Horses. As no funds are available for the purpose out of the sanction of the current year. The Government have also authorized the advance from next years' Budget sanction of so much as may be necessary for expenditure within the current official year.

2. I am directed to report this order for the information of the Government of India and to solicit their confirmation of it.

Central Office of Public Works
Leipzig 2^o March 1860.

N^o 10939

Military

From The Chief Engineer
To The Secretary to Government
Public Works Department.

Sir

From Govt. 31st Dec. 59.
To do - 31st Jan. 60. 1005.

Enclosures. 5
1 Letter from Chief Engineer
of 1st Feb. 60. 1005.
1 do - to do - 21st Feb. 60. 1053.
1 do - from do - 25th Feb. 60. 1054.
1 Plan
1 Estimate

With reference to the correspondence noted in the Margin, I have the honor to forward herewith a Plan and Estimate amounting to Rupees 3,610- for the temporary accommodation to be provided at Stallair for the Detachment of Military under orders for that station. -

The Estimate, the rates allowed in which have been examined and found correct, provides for the following Buildings:-

- 1 Range of Barracks — 153 x 34
- 1 Married Men's Quarters — 181 x 34
- 1 Kitchens Room — 109 x 31
- 1 Gun Shed — 75 x 22.6
- 1 Trough for watering Horses.

The Plan of the Buildings has been approved of by His Excellency the Commander in Chief. -

In their Proceedings N^o 432. dated 28th February 1860, Government sanctioned the Estimate for the above buildings amounting, exclusive of that for the

the Trough for watering Horses, to Rupees 3320-

4 As the District Engineer, however, has no funds available for carrying out the works in question during the current official year, I beg that the above amount may be authorized as an advance on the Budget of 1860/61. —

I have the honor to be,

Yr,

Your Most Obedient Servant

Central Office of P.W.
Department
2^d March 1860.

A. L. A. Colonel
Chief Engineer

Edw. P. Major
Chief Eng. & P.W. Dept.

To
The Secretary to Government
Public Works Department

(New Work)

Building

Abstract of Estimate No of 185 / 5

District Vizagapatam

Talook - Village -

Work Constructing a ^{Temporary} Range of Barracks, (named New Quarters, Harrier) Rooms, and ^{Temporary} ~~of~~ at Walton.

Quantities	Description of Work	Rate			Amount		Amount of each part
		Rs.	A.	P.	Rupers	Rupers	
C. Yards.	One Range of Barracks 153 by 34						
32 ²¹ / ₂₇	Rough Stone in Clay ——— 7 Cfs	"	10	"		21	
12 ²² / ₂₇	Rough Stone in Chunanu ——— do	1	2	"		14	
11 ⁸ / ₉	Brick work in Chunanu ——— do	2	.	"		84	
1	Arch work in Chunanu ——— do	2	8	"		3	
2099	suppl ^r Plastering with 1 Coat Chuanu of 1/2	1	8	"		31	
28	Cut Stones over the Pillars heads Each	"	6	"		11	
58	Palmira trees including Carriage — do	2	4	"		130	
102 ¹ / ₂	Country wood wrought up ft of 1/2	1	2	"		115	
7 ²⁷ / ₄₀	Iron nails ——— Iron nails	2	8	"		17	
	Carpenters Cooly 1/2 for making						
	of rooves to the Posts preparing						
	Couples 1/2 ———					36	
2928	suppl ^r Walls with Campa (Wattle & Daub)	2	4	"		66	
	Posts, mud plaster 1/2 Complete						
7750	suppl ^r Roofing with Junglewood						
	Purlins rafters Bamboos, Wara,	2	.	"		155	
	Palmira leaves 1/2 Complete square						
237 ¹¹ / ₂₇	1/2 Earth work ——— Cfs	"	4	"		59	
117 ¹⁰³ / ₂₇	" Metalling ——— do	"	4	6		13	
	Carried Over					757	

Cons. 31st December, 39 of 1881
 10 February 1882 - 68-57
 29 - 1882 - 109-158

Sub. 21st Dec. 1881
 10 February 1882
 29 - 1882
 109-158

Sub. 21st Dec. 1881
 10 February 1882
 29 - 1882
 109-158

Sub. 21st Dec. 1881
 10 February 1882
 29 - 1882
 109-158

1883.

Forwarded with reference to
 to of 20th Dec. 1881 39/102994
 and and Estimate for accommodation
 to us provided a Bill of Materials for the
 detachment of 1000 men under orders
 for that station.

Cons. 31st December, 39 of 1881

Cons. 31st December, 39 of 1881

Quantities.	Description of Work.	Rate.	Amount.	Amount of each part.
C. Yards.		R. A. P. Rupees.	Rupees.	
	Brought Over		757	
17	Graveling & well rammed by	" 1 "	12	
	Filling sea sand around the posts	" " "	12	
8	Pairs of Bamboo Doors — Cash	1 " "	32	
16	Latties for windows — do	" 2 "	2	
	Whitewashing in Chuanam —	" " "	8	
	Excavating foundation for walls	" " "	6	
	Pillars & Posts —	" " "	11	
	Extra Establishment —		50	
	Sundries —		50	
			920	
	One married men's Quarters 18 by 3 1/2			
10 5/7	Rough stone in Clay — Cfs	" 10 "	25	
6 5/7	Rough stone in Chuanam — do	1 2 "	7	
19 3/5	Brick work in Chuanam — do	2 " "	99	
24 2/5	Suppl. Plastering with 1 Coat of Chuanam — square	1 8 "	36	
10	Out stones over the Pillars heads Cash	" 6 "	15	
60	Palmira trees including Carriage Cash	2 1 "	135	
121	Cft Country wood wrought & put up Cft	1 2 "	136	
10	Maunds Nails — Maunds	2 8 "	25	
	Carpenters Cooly 8 1/2 for Couples making grooves to the Posts 8 1/2	" " "	38	
3792	Suppl. Walls with Conpha Posts mud Plaster 8 1/2 Complete — Cfs	2 1 "	85	
			601	920

Quantities	Description of work.	Rate	Amount	Amount of each part.
	Brought Over		601	920
8 1/18	Suppl. Roofing with junglewood Par. lius rafters Bamboos near —	2 " "	168	
	Palmira leaves 8 1/2 Complete 8 1/2	" " "	40	
158 7/9	Cft Earth work or gravelled and rammed — Cfs	" 1 " "	13	
	Filling sea sand around the Posts.	" " "	33	
12	Bamboo Doors — Cash	2 12 "	2	
12	Latties for windows — do	" 2 "	22	
11	Do for Partitions — do	2 " "	10	
	Whitewashing in Chuanam —	" " "	10	
	Excavating foundation for walls 8 1/2	" " "	15	
	Extra Establishment —	" " "	56	
	Sundries —	" " "	1000	
	One Harney Room 169 by 3 1/2			
37 2/7	Rough stone in Clay — Cfs	" 10 "	21	
13 2/5	Rough stone in Chuanam — do	1 2 "	98	
19 5/7	Brick work in Chuanam — do	2 " "	36	
24 2/5	Suppl. Plastering with 1 Coat Chuanam — square	1 8 "	13	
36	Out stones over the Pillars heads — Cash	" 6 "	130	
58	Palmira trees including Carriage — do	2 1 "	129	
111 5/5	Cft Country wood wrought & put up Cft	1 2 "	21	
8 1/4	Maunds Nails — Maunds	2 8 "	36	
	Carpenters Cooly 8 1/2 for making grooves to the Posts preparing Couples 8 1/2	" " "	502	1920

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought over		502	1920
3000	Suppl ^{ts} Walls with Cempa Posts made plaster 1/2" Complete — 1/2"	2 1/2	68	
8256	" Roofing with junglewood Purlins Rafters Bamboos Lapa Palmisak Leaves 1/2" Complete — 1/2"	2	165	
226 1/2	Cy ² Earth work or Graveling — 1/2"	" 1/2	57	
15 1/2	" Metalling — do	" 1/2	13	
15 1/2	" Graveling & well rammed — do	" 1/2	11	
2 1/2	Filling sea sand around the Posts Each	" 8	12	
7	Pairs of Bamboo Doors — do	1 1/2	28	
16	Latties for windows — do	" 2	2	
1	Latty for Partitioning off the Guard Room	"	2	
16	Ladder stands with Palmisak posts Cross pieces & 16 Country wood Pegs Etc	10 8	168	
	Whitewashing in Chumam	"	8	
	Excavating foundations for walls pillars & Posts	"	7	
	Extra Establishment	"	52	
	Sundries	"	55	
				1150
	<u>Span Shed 75 by 22 1/2</u>			
28 1/2	Palmisak trees including Carriage — Each	2 1/2	64	
112	Cy ² Country wood wrought & put up 1/2"	1 2	17	
3	Manila Nails — No 2	2 8	8	
	Brought over		119	3070

Quantities	Description of work	Rate	Amount	Amount of each part
	Brought over		119	3070
	Carpenters Cooly 1/2" for ma King grooves to the Posts fire	"	11	
	fixing Couplers 1/2" —	"		
2960	Suppl ^{ts} Roofing with junglewood Purlins Rafters Bamboos Lapa Palmisak Leaves 1/2" Complete — 1/2"	2	59	
15 1/2	Cy ² Gravelled and well rammed the floor — 1/2"	" 1/2	11	
11 1/2	Filling sea sand around the Posts — Each	" 8	7	
	Excavating the foundation for Posts & Pillars	"	3	
2 1/2	Cy ² Rough stone in Clay — 1/2"	10	1	
1 1/2	" Rough stone in Chumam — do	1 2	2	
4 1/2	" Bricks in Chumam — do	2	10	
3 1/2	Suppl ^{ts} Plastering with 1 Coat of Chumam — 1/2"	1 8	5	
7	Cut stones over the Pillar heads	" 6	3	
	Extra Establishment	"	11	
	Sundries	"	12	
	<u>Tanks with Kalingal</u>			250
150	Cy ² Earth work — 1/2"	" 2	19	
8 1/2	" Rough stone in Chumam — do	1 2	9	
19 1/2	Suppl ^{ts} Plastering with 1 Coat of Chumam — 1/2"	1 8	3	
	Brought over		31	3320

Quantities	Description of work	Rate	Amount	Amount of each part
Qty			Rupies	Rupies
	Brought Over		31	3320
7 ²⁰ / ₂₇	Cy ² Loose Stone — Cy ²	5	2	
	Excavating foundation —		1	
	Extra Establishment —		2	
	Sundries —		4	
				40
	Clearing a road from Horse Lines to water including Conv. preservation —			250
	Total Rupies —			3610

Central Office of P.W.
 Sepakkam,
 2nd March, 1860.

A. Bell Colonel
 Chief Engineer P.W.

Enclosure

In a letter

From
The Chief Engineer
D P H

To
The Secretary to Govt.
D P H

Dated 2nd March 1860
Received

M. 575/60

N^o 10939

Abstract Estimate for Constructing a
Temporary Range of Barracks, Quarters, Mess
Quarters, Officers' Room, & Gymnasium, &c.
at Mallair in the District of Vizagapatnam.

Amounting to Rs. 3610-00.

W^o 557. P W
Proceedings of the Madras Government
Under date the 16th March 1860. 8)

Read the following
letter from the Chief
Engineer.

Forwards plan and esti.

more of the accommodation to be
erected at Mallair for a detachment
of artillery, and recommends that
the amount be advanced from the
next budget.

(Here enter 2nd March 1860
570939.

* P. P. Pro. 28 Feb/60, No 432.

L

W M

S M

Under the circumstances
reported in this letter the Govt.
as an advance in the budget of 1860/61,
authorizes, so much of the estimate
of 3,320 Rs. sanctioned in Military
Proceedings dated 20th Feb/60, No
749,* for erecting temporary accom-
modation for a detachment of
artillery at Mallair, as may be
necessary within the budget of 1860/61,
as may be necessary for expenditure
within the current official
year.

J. H.

10 Copies

To The Chief Engineer with 4 Encls. Disb^d 17
" " Account General &c.

Public Works Department
Nos 58 & 558

Captain C. H. Dickens
Secretary to the Government
of India.

Sir,

The A Company
4th Battalion Artillery,
and No 1 Horse Field
battery have been or-
dered from Banda,
Humeypore, and Fir-
we to Waltair by sea
from Calcutta, and as
accommodation is im-
mediately necessary for
the reception of these
troops the Government
have sanctioned the
erection of the necessary
buildings of a tempora-
ry character, on an es-
timate of 3,320 Rupees
exclusive of a trough for
the horses. As no funds
are

G

W.W.

E.M.

5th April
Pipri 19
Steamer

Cons. 31st Dec 7/55 Rs 280 & 37.
u-10th Dec 7/55 u-58 Rs 157.
u-29th Dec 7/55 u-107 Rs 108.

Public Works 1860/1861
P. of Govt 20th March 1861

1857.

Originals of
16th Dec 1860

From the Govt of India
12th Dec 1860 Rs 906 and 30

17th Dec 1860 O. P. 28th Dec 1860
Ca. 1865 in Pro. 11th Dec 1860

1863

Chatterjee as an ad-
vancer on the Budget of 1860,
as much of the sum intended
for erecting temporary acco-
modation for a detach-
ment of Artillery at Waltair,
as may be necessary for
expeditions within the limits
of the

1858/59

March 1861

are available for the
purpose out of the
sanction of the current
year, the Government
have also authorized
the advance from next
years budget sanction
of so much as may be
necessary for expenditure
within the current official
year.

2 I am directed to re-
port this order for the in-
formation of the Govt
of India and to solicit
their confirmation of it.

[Signature]

John St George
18th March/60

18/3/60
J. St George

Delivered 1860-24 at
a. 20 of Jan 52 1860.

2-10-538.

To the Secretary of the
Government of D. L. L. L.
J. H. L. L. L. L.

Reporting that the
Post House authorized some
admission in the Budget of
1860-61, as much of the sum
was needed for creating the
primary economic relation
for a detachment of the
Army at Waller, as much
be necessary for separation
within the current year.

1868.

cit. March 1861