

(1) Number of pages_____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	<i>34 93</i>	Press	<i>Original</i>
~~B.P.~~ No.		Mts.	
Dated	<i>19. 12.</i>	<i>195</i>	
		<i>1876</i>	

Not to be folded or roughly handled

Read the following papers:—

No. 488. Proceedings of the Madras Government in the Military Department, dated 23rd September 1876, No. 4,836.

Read the following papers:—

From Brigadier-General A. HOWLETT, C.B., Quartermaster-General, to Colonel J. MICHAEL, C.S.I., Secretary to Government, Military Department, dated Head Quarters, Ootacamund, 9th August 1876, No. 361.

With reference to O.G., No. 511, dated 12th February 1874, the Commander-in-Chief having approved the approximate estimate and plan marginally noted, I am directed by His Excellency to submit them for the consideration and orders of Government.

2. If approved by Government, it is requested that the papers may be forwarded to the Department Public Works for disposal.

Memorandum to the Quartermaster-General, dated 15th August 1876, No. 4,110.

From the Quartermaster-General, dated 31st August 1876, No. 5,831.

The provision of a two-stall stable is approved.

2 No further accommodation of this description will be provided for the subordinate medical establishment attached to the Royal Artillery, Agram Barracks, at Bangalore.

Proc. of Govt., No. 3,992, dated 1st Dec. 1873.

(True Extract.)

(Signed) J. MICHAEL, Colonel,
Secretary to Government.

No. 488-A. From Major R. THOMPSON, R.E., Officiating District Engineer, Bangalore, to Colonel W. T. F. FAREWELL, Officiating Deputy Chief Engineer, Public Works Department, dated Bangalore, 17th November 1876, No. 180.

With reference to your memorandum No. T-1,137, dated 18th October 1876, I have the honor to forward herewith a revised plan and estimate, amounting to Rupees 500, with specification, for constructing a stable for the medical subordinate attached to Royal Artillery Agram Barracks at this station.

Proceedings of the Madras Government, Public Works Department,
19th December 1876. No. 3,493.

No. 489.

ORDER THEREON, 19th December 1876, No. 3,493.

MILITARY WORKS, No. 8-A.

(a) Heads of Service.—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Military.
Sub-head.—Military Buildings.
Section.—Accommodation for European Artillery.
Name of Work.—Stabling for Medical Subordinate
attached to Royal Artillery, Agram Barracks.
Amount.—Rupees 500.
To be carried out by the Public Works Department.

A REVISED estimate, amounting to
Rupees 500, is sanctioned.

2. There are no funds for the work.
3. The above sanction has been
registered as Imperial No. 109 W. of
1876-77.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Bangalore.
" Examiner of Public Works Accounts.
" Military Department.

Exd. S. T. Austin.
Spare Copies

Head of Service—Imperial
Fund—Ordinary
Class—Original Works
Main-head—Military
Sub-head—European Artillery.
To be carried out by the P. W. D.
Revised Detail Estimate No. 1876/77
District Bangalore.
Name of Work—Constructing a stable for the
Medical subordinate attached to the Royal
Artillery Agram Barracks Bangalore
vide Dy Chief Engineer P. W. D. No. 1137
dated 18th October 1876.

Particulars of Work	Measurement	Contents	Total
<u>Excavation</u>			
Rear wall	1 25 2 3	150	✓
End walls	2 9 2 2 2	95	✓
Pillars	3 2 2 2 2	30	✓
Screen or partition wall	1 9 2 1 4 1 4	14 27/32	✓
Total Cft. of Excavations			289 27/32
No. Foundation stones in chumars			289 27/32
<u>Superstructure</u>			
Rear wall	1 24 2 1 2 1 4	54 1/2	✓
End walls	2 10 1 2 1 2	34 5	✓
Pillars	3 2 3 2 8 2	76 1/2	✓
Partition wall	1 10 2 4 2	33 3/4	✓
Total Cft. of superstructure brick in chumars			969 3/4

Particulars of work	Measurements		Contents	Total
	No.	L B D		
<u>Cornices</u>				
Rear	1	25½	25½	✓
Ends	2	14	28	✓
Total Qty. of Cornice work			53½	✓

<u>Plastering inside</u>				
Rear wall of stable	1	20¾	5 103¾	✓
	1	21½	9 193½	✓
End walls	2	10	11½ 230	✓
Centre pillar	1	4¾	4 17	✓
	1	5	4½ 22½	✓
End pillars	2	2	8½ 34	✓
Partition wall	1	10	9¾ 97½	✓
Total plastering inside			698¾	✓

<u>Plastering outside</u>				
Rear wall	1	24½	14 343	✓
End walls	2	13	11½ 299	✓
Pillars	3	2	8½ 51	✓

Plastering outside			693	✓
Total Qty. of Painting with chunam			13.91¾	✓
Do. white washing two coats			698¾	✓
Do. Blue washing do.			6.93	✓

<u>Woodwork</u>				
Bresssummers	1	23 6 8	7-8-	✓
Rafters	15	15 3 5½	25.9.4½	✓
Do. small piece at ends	2	3 3 5½	8-3	✓
Wall plates	1	22 4 2	1-2-8	✓
Total Qty. of Teak wood wrought & put up			35.4.3½	✓

Particulars of work	Measurements		Contents	Total
	No.	L B D		
<u>Roofing</u>				
Overstable	1	25½ 16½	4.20¾	✓
Total Qty. of Roofing with Teak sleepers			4.20¾	✓
nails for tiles & chunam borders				

<u>Wood oiling</u>				
Bresssummers	1	19	1½ 34½	✓
Rafters	15	14¾	1½ 249¾	✓
Do. at ends	2	1½	1½ 3½	✓
Total Qty. of wood oiling two coats			287¾	✓

<u>Stones with Iron rings to be fixed for tethering Horses</u>	4		4	4
--	---	--	---	---

<u>Gravelling</u>				
Stalls	2	10¾ 10	207½	✓
Between pillars	2	9¾ 2	37	✓
Total Qty. of Gravelling 6" thick			2.44½	✓
Marking board	1		1	✓

Self
H. S. Dethman

Head of service Imperial 7
 Fund. Ordinary
 Class. Original works.
 Main Head. Military
 Sub Head. 8 E. European Artillery.
 To be carried out by the P. W. D.
 Revised Abstract Estimate No. of 1876/77

District Bangalore

Name of work. Constructing a Stable for the
 Medical Subordinate attached to the Royal
 Artillery Barracks Bangalore
 Order by Chief Engineer P. W. D. 22/10/77
 Dated 18th October 1876.

Quantity Description of work Rate Per Amount Total

1290 Cft. of Excavation . . 1 Cft. 2 ✓

1290 ~~Cft.~~ Foundation stones in

Chunamb . . 3 . . 54 ✓

1970 ~~Cft.~~ Superstructure bricks

in Chunamb . . 3 . . 182 ✓

✓ 540 Cft. of Cornice work 9th . . 360 Cft. 12 ✓

✓ 13-91 Sq. of Common Pointing

with Chunamb . . 1 . . Sq. 14 ✓

✓ 6.98 ~~Cft.~~ whitewashing two coats . 29 . 1 ✓

✓ 6.93 ~~Cft.~~ Blue washing two coats . 33 . 1 ✓

Carried Over 266 ✓
 with

with lime.

Pointing. The joints of the masonry both inside and outside to be scraped out and pointed with chunam.

Colouring. The building to be white washed inside and blue washed outside each with two coats.

Timber. The whole of the timber to be of well seasoned and sound teak free from all shakes and knots and neatly finished off.

Roofing. The roof to consist of teak rafters $3 \times 5 \frac{1}{2}$ placed at intervals of $1 \frac{1}{2}$ ft. from centre to centre nailed on brass runners and wall plates as shown on the Plan. Riepers of teak wood ($2 \frac{1}{2} \times \frac{1}{2}$) will be nailed over the rafters at 6 ft from centre to centre, covered with best burnt pan tiles with chunam borders.

Woodwork. The woodwork of the roof to be coated with two coats of wood oil.

Iron rings $\frac{3}{8}$ thick will be leaded into stone block $1 \frac{1}{4} \times 9 \times 9$ and to be fixed in the floor for tethering horses. The space around the

the stone to be well tamped with stone jelly and gravel. II

Gravelling. The stalls to be floored with gravel 6" thick well watered and rammed till thoroughly consolidated.

District Engineer

Bangalore

17th November 1876

Major P. C.

District Engineer

Lebb

17th November

Ph

P.W.D.

26 NOV 76

NR 8410

Specified for
Constructing a stable
for the Medical Subordinates
attached to the Royal
Artillery Barracks
Bangalore
Amounting Rs 5000

Specified for
Constructing a stable
for the Medical Subordinates
attached to the Royal
Artillery Barracks
Bangalore
Amounting Rs 5000

13

C.No. 7274.

Uplied C.No. 8410
17.11.76.

Memorandum No. 7/1137 of 18 Oct. 1876

The approximate Estimate and plans submitted for a stable for the Medical Subordinates attached to the Royal Artillery Barracks, Bangalore, are herewith returned. In submitting the regular plan and Estimate the District Engineer will not make the front pillar higher than 8 1/2 feet. Reducing the rear wall to a corresponding extent.

(By Order)

W. F.

To

The District Engineer
Bangalore
with Plan and Estimate

Proceedings of the Madras Government, Military Department,
23rd September 1876.

Accommodation and Quarters—Sub. Medical Department.

Read the following papers:—

No. 407. From Brigadier-General A. HOWLETT, C.B., Quartermaster-General, to Colonel J. MICHAEL, C.S.I., Secretary to Government, Military Department; dated Head Quarters, Ootacamund, 9th August 1876, No. 361.

With reference to O.G., No. 511, dated 12th February 1874, the Commander-in-Chief having approved the approximate estimate and plan marginally noted, I am directed by His Excellency to submit them for the consideration and orders of Government.

2. If approved by Government, it is requested that the papers may be forwarded to the Department Public Works for disposal.

No. 408. Memo. to the Quartermaster-General, dated 15th August 1876, No. 4110.

No. 409. From the Quartermaster-General, dated 31st August 1876, No. 5831.

No. 410. ORDER THEREON, 23rd September 1876, No. 4836.

The provision of a two-stall stable is approved.

2. No further accommodation of this description will be provided for the subordinate medical establishment attached to the Royal Artillery, Agram Barracks, at Bangalore.

(True Extract.)

Colonel,

Secretary to Government.

To the Public Works Department, with two enclosures. with 10 spare copies.
" Quartermaster-General.

* Rtd. to D. L. Bangalore
vide Memo. No. 1137 of 18.10.76.

Exd. A. Raitt.

81-12-73 3992 } kindly Dept
12-2-74 - 571

P.W.D.
100076
7374
No.

C.E. Dec 11/37 of 18 Oct 76

Post to Dec 23rd
No. 23rd St. Dec 1876, No. 408

Conf. of 1876
MILITARY
THE PUBLIC WORKS DEPARTMENT

Min. No 3493 of 19 Dec 76
A. R. R. R.
is sanctioned

2. There are no funds
for the work.

12.12.76
12/12

The same sanction has
been registered as before
No 10976 of 1876-77-

D. E. Bangalore
12.12.76

(a) Heads of Service— *Imperial*
Fund. *Ordinary*
Class. *Original Works*
Main-head. *Military*
Sub-head. *Military Buildings*
Section. *Accommodation for European Artillery*
Name of Work. *Hatling for one direct subordinate
attached to R. H. H. Ram Narayan*

Amount. *Rs 500*

To be carried out by the *R. H. H.* Department.

Print in the margin of No. 3493 of 19-12-76-

No 488/89

Cir 16-12-76
Dated 12-10-76

7274
8410
Govt. of 1876 Madras.

PUBLIC WORKS.

To The D. S. Bangalore

Dated

Issued

Recd.

Encl.

G. O., 19th Dec^r 1876, No. 3193

Nos. 288/89

Outfits for the Medical
Subordinate attached to
the Royal Artillery, Aram
Barracks, Bangalore Dist.

Revised Estimate of Rs 600
for construction — Sanctioned

Ent. in Reg.