

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1889-90	Press
B.P. No.		Mis.
Dated	25-7-	4876 195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
25th July 1876. No. 1,889.*

Read the following papers:—

No. 432. Proceedings of the Madras Government in the Military Department,
dated 2nd May 1876, No. 2,185:—

From Brigadier-General A. HOWLETT, c.B., Quartermaster-General, to Colonel J.
MICHAEL, c.s.i., Secretary to Government, Military Department, dated
Fort St. George, 5th April 1876, No. 2,503.

With reference to Order of Government, No. 5,977, of 3rd December 1875, and
Amounting to Rupees 1,31,000 for recon- the Commander-in-Chief having approved
structing Cavalry Stables at Agram Bar- the estimate marginally noted, I am
racks, Bangalore. directed by His Excellency to submit it
for the consideration and orders of Government.

2. With a total of Rupees 1,31,000, the estimated cost per horse is Rupees 300,
which appears to accord with the cost of stabling under construction at Trimul-
gherry, and is not far in excess of one of
* O.G., No. 476, 28th January 1875. the iron stables* at Kirkee, which was
Rupees 270 per horse.

3. The Executive Engineer estimates the cost of dismantling each single block
of the old barracks at Bangalore at Rupees 300, and that of a double block at
Rupees 390, and adds that the value of the old materials will more than cover the cost
of demolition.

4. For the erection of one block†
† O.G., No. 2,229, 14th May 1875. per annum Rupees 16,375 is the proba-
ble requirement to be provided for each year.

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

APPROVED subject to the cost of the work being considered and reported on by
the Public Works Department before further action is taken.

(True Extract.)

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

No. 432-A. From Major ROSS THOMPSON, R.E., Officiating District Engineer,
Bangalore, to Major-General G. W. WALKER, R.E., Secretary to Govern-
ment, Public Works Department, dated Bangalore, 13th July 1876, No. 70.

I HAVE the honor to return plan and estimate for Agram Cavalry Stables, Banga-
lore, revised in accordance with your
Two plans. memorandum, No. 490-T., of 30th June
Two estimates. 1876. Ridge ventilators have been omitted

in accordance with the instruction conveyed in paragraph 5.

2. They were originally provided for in accordance with instructions conveyed
in G.O., No. 163, dated 22nd November 1875, in the Public Works Department.

The

Proceedings of the Madras Government, Public Works Department,
25th July 1876. No. 1,889.

No. 433. ORDER THEREON, 25th July 1876, No. 1,889.

MILITARY WORKS, No. 7.

* G.O., No. 2,185, dated 2nd May 1876, Military.

the question of revising the estimates has been considered in the Public Works Department, and the following modifications made:—

The 10½ feet pillars in the double blocks reduced in dimensions from 2 feet square to 1 foot 6 inches.

The stalls divided by walls of sun-dried bricks in clay.

Plastering with mortar omitted.

Flat tiles in the roofing omitted.

Central wall between pillars raised 1 foot higher.

Ridge ventilators omitted.

2. These modifications reduce the cost of one double block to Rupees 14,800, and of a single block to Rupees 9,450, the original cost having been Rupees 18,070 and Rupees 11,200 respectively.

	RS.
The cost of six double blocks will be ...	14,800 × 6 = 88,800
And of two single blocks ...	9,450 × 2 = 18,900

The total cost of the stables therefore amounts to ...	1,07,700
--	----------

or Rupees 245 per horse. Each double block provides accommodation for sixty-two and each single block for thirty-one horses. The revised estimates will be submitted for the sanction of the Government of India.

3. A sum of Rupees 20,000† has been provided in the Budget of the current year.

† Since reduced to Rupees 16,000 (vide G.O., No. 1,871, dated 24th July 1876).

(Here enter No. 1,890, dated 25th July 1876.)

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

*The Secy. to Govt. Bangalore
Military Department*

Exd. J. W. Fischer.

Spare Copies

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 25th July 1876.

No. 434.

No. 1,890.

FROM

MAJOR-GENERAL G. W. WALKER, R.E.,

Secretary to the Government of Madras,

Public Works Department,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,

Public Works Department.

MILITARY WORKS, No. 8.

G.O., No. 2,229, dated 14th May 1875, Military.
G.O., No. 5,510, dated 12th November 1875, Military.
G.O., No. 2,185, dated 2nd May 1876, Military.
G.O., No. 1,889, dated 25th July 1876, Public Works.

SIR,—Adverting to paragraph 13 of the orders of the Government of India on the Imperial Budget of the current year, I am directed to forward herewith copies of the Proceedings quoted in the margin, and to request the sanction of the Government of India to the estimates, amounting to Rupees 1,07,700, for reconstructing the Cavalry Stables in connection with the Agram Barrack Scheme at Bangalore.

I have the honor to be,

Sir,

Your most obedient servant,

Colonel,
Offg. Under Secy. to Govt., P.W.D.,
for Secretary to Government.

Exd. J. W. Fischer.

Spare Copies

The

16
Memorandum

Gl. Military Department No. 2185 of
2nd May 1876 with Plan and Estimate
for Cavalry Stables at Bangalore.

The cost of a double Block of
the Stables might be reduced as follows.

(1) The 10 1/2 Pillars being reduced from
2 feet square to 1' 6" which is ample,
would effect a saving of Rs 297.

(2) If the stalls are divided by either
sundried Brick or mud or mud walls
a saving of Rs at least 300 could be
made.

(3) The Estimate provides for Plastering
the whole building with mortar which I
think is quite unnecessary, the white and
color washing provided for being quite
sufficient and a further saving of Rs 514
could be made.

The

(4) The Estimate also provides for roofing with flat as well as pan tiles, as there is hardly a private stable in the country so expensively roofed, and would suggest pan tiles only being used and thus save Rs 254 more. } Yes. Mr.

2 The height of the Central Pillars is such as forbids their reduction and I think the Central wall between should remain of Brick and Chunan as a Tie wall to the Building. I would therefore not interfere with these. } Yes. a brick & Chunan Central Wall. Mr.

3. The total saving as above proposed including Rs 74 for Sundries equals Rs 1500 for one double block or Rs 9000 for 6 double blocks.

4. The single blocks are of course more expensive than the double ones, and there is no reason why they should be. } There is a post room for the end blocks being single -

(Sd/-) W. J. Farewell Colonel
Offg. Dy. Chief Engg.
P.W.D.

L. Attch.

Proceedings in the Military Dept., No 2185
dated 2^d May 1876.

Submitted FOR ORDERS.

The accompanying statement shows how Rs: 1500 may be saved on each double block estimated to cost Rs. 18,070. And it is suggested that ridge ventilation, which costs nearly as much more per double block, might very well be dispensed with in buildings that are perfectly open at both sides; and

I think the savings here proposed may be sanctioned. I leave it to the Chief to decide the question of single & double blocks.

M. W.
30/5

Form of opinion that the savings proposed may be sanctioned. If the blocks be the increased

FOR ORDERS.

Cash 3130

Memorandum

Received of the
Cashier of the
Bank of the
City of New York
the sum of \$1000.00
on account of the
balance due to the
Bank of the City of New York

The sum of \$1000.00
has been paid to the
Bank of the City of New York
on account of the balance due to the
Bank of the City of New York

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Cashier of the
Bank of the City of New York
the sum of \$1000.00
on account of the balance due to the
Bank of the City of New York

Plan and Estimate of a new stable
at Bangalore
At Bangalore
12/6

DISTRICT ENGINEER'S OFFICE
BANGALORE 13th July 1876

No. 40

FROM

THE DISTRICT ENGINEER,
BANGALORE.

To
THE Chief Engineer
D. P. W.
Madras

to 4
Plans
submitted

SIR

I have the honor to return
Plan and Estimate for a new
stables Bangalore re-
vised in accordance with your
Memo No. 490 of 30th June 1876 Ridge
Ventilators have been omitted in
accordance with the instruction
conveyed in para 5.

They were originally provid-
ed for in accordance with in-
structions conveyed in G. O. No.
163 dated 22nd November 1875 in
the P. W. Department.

I have the honor to be
Sir
Your Most Obedt Servant
M. Thompson Major R.E.
Offg. Distt. Engineer

Lib

The

So. 10 June 75. 1103
22 June 75. 1103.
3 May 76. 1104.

P. W. 1876 Department

8-3430

Approving a plan and estimate for reconstructing the Cavalry Stables at the Agram Barracks, Bangalore, subject to the cost of the work being considered and reported on by the Public Works Department, before further action is taken.

MAY.
Nos. 30-31.

* G.O. 2nd May 1876, No. 2185.

Dated May, 2nd.
Recd. 11/5/76
G.O. 2nd May 1876, No. 2185.

To
THE QUARTERMASTER-GENERAL,
&c., &c.,

MILITARY.

Obdt. of 1876; 30th June 1876.

C.E. 2nd May 76 of 30th June 1876.

12-432

Order - 21.7.76 Order 25.7.76
Civ 27/5. 1876 3/6/76

Resp. to Order - 17 May 1876
Resp. to Order - 18-7-76.

No 1089

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 25 July 76.

Read the following:—

Proceedings in the Military Department (H.C. 2185 of 2nd May 1876) from the 1st May 1876 to 13 July 76.

* G.O. 2185 of 2nd May 76 Military.

The Estimates originally forwarded for reconstructing Cavalry Stables at Agram Barracks Bangalore amounted to Rs 1,31,000, or Rs 300 per horse. This cost appearing excessive the question of revising the Estimates has been considered in the Public Works Department and the following modifications made.

The 10 1/2' Pillars in the Double blocks reduced in dimensions from 2' square to 1' 6".

The

The Stables divided by
walls of sun dried bricks
in clay.

Plastering with mortar
omitted.

Flat tiles in the roofing
omitted.

Central wall between
Pillars raised 1 foot higher
Ridge ventilators omitted.

These modifications
reduce the cost of one
Double block to Rs 14,800
and of a single block
to Rs 9,450; the original
cost having been Rs 18,000
and Rs 11,200 respectively.

The cost of 6 Double blocks
will be, $14,800 \times 6 = 88,800$.
and of 2 single blocks $9,450 \times 2 = 18,900$.
The total cost of the
Stables therefore amounts to
to Rs 107,700,
or

or Rs 245 per horse.
Each Double block
provides accommodation
for 62 and each single
block for 31 horses.

The revised estimates
will be submitted for
the sanction of the
Government of India.

A sum of Rs 20,000
has been provided in
the budget of the current
year.
(H.E. No. 1890 of 25 July/76)
G.M.V.

* Since reduced to Rs 16,000
vide Govt. No. 1071 of 24 July/76.

To the D.C. Bangalore
By Mily: D. Chattopadhyay
12-8-76

Public Works Dept.
No. 1890 of 25 July 76.

The Secretary to the
Government of India
P. W. Dept.

Sir,

According to para
13 of the orders of the
Government of India
on the Imperial budget
of the current year, I
am directed to forward
herewith copies of the
Proceedings quoted in
the margin, and to request
the sanction of the Govern-
ment of India to the
estimates amounting
to Rs 1,07,700 for recon-
structing the Cavalry
Stables in connection
with

Q.O. 2229 of 14th May 76 Military.
5510 " 12th Nov. " "
2185 " 2nd May 76 " "
1089 " 25 July 76. P.W.

N 432/3

Am.

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27/

Due 1 P 1/2 5710-12-7/76
Due 1 P 1/2 2155-2-5-7/76
Due 1 P 1/2 1889-2-5-7/76

Doc# 8-8-76-

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7th Aug

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Govt. of 1876

PUBLIC WORKS.

To
The N. C. Bangalore
1000
27/7/12
Caretaker of the
G. O., 25th July 1876, No. 1889
1889

Nos. 132 @ 421

15-8-95

Submitting for
the sanction of the Govt.
of India revised Es-
timates for the recon-
struction of the Cavalry
Stables in connection
with the Agra Barrack
Scheme at Bangalore.

Cavalry Stables at the
Agra Barracks,
Bangalore - The
revised Estimates for
the reconstruction of the
— submitte of for
the sanction of the
Govt. of India -

X