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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	<i>1656</i>	Press
B.P. No.		Mis.
Dated	<i>19-6</i>	<i>1874</i> 195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
19th June 1874.*

No. 424. Read the following letter from Lieutenant-Colonel J. GODDARD, R.E., District Engineer, Presidency, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Fort St. George, 27th May 1874, No. 917 :—

In reference to G.O., No. 405, of 19th February 1874, I have the honour to enclose a copy of the Committee's report, together with two estimates, amounting to Rupees 1,420, for alterations recommended.

- 1 Report.
- 2 Estimates (Abstracts).

2. The further report called for in paragraph 9 of General Johnson's letter printed with the Government Order cannot be prepared until the work now estimated for is completed.

3. Funds to be provided out of savings accrued from non-execution of Item No. 6 in the printed Budget for 1874-75, viz., extending Smiths' forges near the Grand Arsenal, amounting to Rupees 3,900.

4. The Inspector-General of Ordnance and Magazines in reply to an inquiry from this Office stated that the forges are not now required for reasons stated.

5. The estimates have been approved of by His Excellency the Commander-in-Chief.

Proceedings of a Committee assembled at the Presidency, Madras, on the 12th March 1874, by order of Brigadier-General G. B. SHAKESPEAR, Commanding Centre District, for the purpose of reporting on the present system of hanging and pulling barrack punkahs, etc.

PRESIDENT.

G. B. SHAKESPEAR, Brigadier-General.

MEMBERS.

J. A. THOMPSON, M.D., Surgeon-General.

J. GODDARD, Lieut.-Col., R.E., District Engineer, Presidency.

D. LISSENBURG, Lieutenant, Barrack Master, Fort St. George.

THE Committee having assembled pursuant to order, proceed to examine the punkahs in the Infantry and Artillery Barracks, family quarters, and guard-rooms in Fort St. George, and also the hospital used by the above corps.

2. The condition of the punkahs at present in use in regard to depth of frames in inches, height from the ground in feet, sets of punkahs is shown in the statement attached.

3. The Committee are of opinion that the arrangements, fittings and gearing of the punkahs are not prepared in the most efficient and economical manner to suit the special circumstances of each building.

4. With reference to Major-General E. B. Johnson's Circular letter No. 5,589, paragraph 7, in the Proceedings of Government, No. 405, Public Works Department, which accompanied Circular letter, No. 1,487, of 25th ultimo, from Quarter Master General, the following is therefore proposed in reference to the first question.

5. That the frames of all punkahs of 30 inches in depth (ordinary pattern) in the Infantry Barracks and Main Guard be reduced to 12 inches in depth (and not to 18 inches as directed), because of deficiency of height in the buildings, it has been ascertained that the roofs are lower than Bengal Barrack roofs, and the Committee opine that better swing will be obtained by means of longer rope and less depth of punkah frame.

6. That all the punkahs which now in every instance extend from side to side across the whole breadth of the rooms be divided vertically, excepting the punkah to which the pulling rope is attached. They should be cut into lengths of 6½ feet and hung only over the cots, leaving a gangway in the middle of the rooms. A diminution of the weight to be pulled will be secured by this step.

*Proceedings of the Madras Government, Public Works Department,
19th June 1874.*

2. Thread the suspending ropes be adjusted so as to bring the lower side of the punkah frame to 6 feet from the floor.

8. That the existing fringes remain unaltered as they are from 15 to 18 inches deep. That the two partitions in the compartment upper storey which are now hung longitudinally in the compartment and swing at right angles to the men's coats and are nearly useless be removed and altered so as to secure uniformity with the arrangements recommended above.

3. That the pulleys of the punkahs in the Artillery Barracks be adjusted so as to bring the lower edge of the frame to within 6 feet of the ground, owing to the fact that the barracks are in a low arched building of masonry, and sufficient swing cannot be secured if the suspending cords be shortened so as to bring the lower edge of the punkah frame to 6½ feet from the ground. That the punkahs be reduced to 7 feet in length, and the men's cots be ranged down the centre of the barracks so as to bring them out from under the shoulders of the arches and under the punkahs, and to leave a gangway on either side of the room at foot of the cots as well as at the head. This arrangement becomes necessary on account of the arched roof. If the men's cots are ranged against the wall the shoulder of the arch renders it impossible to bring the punkahs over the cots. The Committee think that this arrangement will improve ventilation.

10. That the suspending ropes of the panels in the family quarters be adjusted so as to bring the lower edge of the frames within 6½ feet of the floor. That no other alterations are necessary, as all other conditions are fulfilled.

11. That the punkah frame in the Main Guard and St. George's Gate Guard in Fort St. George be raised to 12 inches in depth, and the suspending ropes be adjusted so as to bring the lower edge of the frames to within 64 feet of the floor. That the punkahs in the other guard-rooms be adjusted so as to hang with the lower edge of the frame within 64 feet of the floor, but in all other respects remain unaltered as they conform to orders in other requirements.

12. That the punkads in the hospital fulfilling all the conditions laid down for ordinary punkads remain unaltered, with the exception of fourteen which must be altered so as to be uniform with those in the Infantry Barracks.

14. In reference to the second question in paragraph 7, the Committee are of opinion that every opportunity has been taken in connecting the parks to save labour.

14. In reference to the third question in paragraph 7, the Committees are of opinion that the policies are sufficient and move in them hearings easily and without noise.

15. In reference to the fourth question the Committees are of opinion that no unnecessary punkahs are suspended in any ward or room, but the punkahs in the barracks do not amount to one punkah for every two beds.

16. The Committee have called upon the District Engineer to prepare and submit the necessary estimates for proposed alterations for the sanction of His Excellency the Commander-in-Chief.

No. 425. ORDER THEREON, 19th June 1874, No. 1654.

MILITARY WORKS, No. 15.

The estimate of Rupees 1,420 is sanctioned for execution from the Military Reserve, and that head is credited

with the Budget provision of Rupees 3,900 for extending Smiths' forges near the Grand Arsenal, the estimate for which is hereby cancelled.

(True Extract)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Presidency,
 " Officiating Controller of Public Works Accounts,
 " Military Department.
 Exd. E. C. Shunker.
 Spare Copies

Canisters only for repairing 20 old punches, cutting them into 2 + re-
 ducing to same from 30" to 12" in depth and new frame complete } 40
 40 lb. Suckers in bottom 8" complete } 80
 40 " 40 lb hammer punched hooks 10" } 128
 40 " 40 lb hammer punched hooks 10" } 110
 40 " 40 lb hammer punched hooks 10" } 168
 5-10 " 40 lb hammer punched hooks 10" } 15988
 Only here for cutting the well & fixing 4 frames with necessary complete.

C. J. & B. Court as Agent

Canisters only here for cutting the present 36 old punches into 2 + enlarging each } 18 " 57
 punched including painting complete } 2 " 68
 34 lb cutting punches each 8 1/2" complete } 5 " 214
 48 " 40 lb hammer punched hooks 10" } 28 " 15
 40 " 40 lb hammer punched hooks 10" } 1534

Order of J. C. Oakes of Jones

Canisters only here for reducing the old 8 punches from 30" to 12" depth enlarging } 18 "
 any good punches complete.

Survey charges

27th May 1874 } Comptd C. J. & B. Court

Done *[Signature]* 1200
 J. C. Oakes

Done *[Signature]* 1200
 J. C. Oakes

Wm. L. Garrison

1899

041

Feb 11

Carpeting only have for measuring the floor and 5% add for labor cutting them
into strips & measuring the same from 30" to 12" in depth and required one
ounce, besides also having cloth with long yale producing 12 pieces each.
112 cts. Also Carpeting each 8 1/2' long with brown holland same complete.
112 " Brown hammer finished frets 4"
12 " Black French on wheel 5" in the depth
11. 8. " Black Carpeting enough cloth with for flooring a room
only have for cutting the wall showing 12 pieces each measuring & finishing same.

2/10

Carpenter sent me for measuring the spot 11 above high & reducing the same
 from 50" to 12" depth with a sound & some broken including
 a few small empty & empty of water. It will be 11 above spring tide and 12 empty.

Confessions Book has for measuring the 12 old pounds from 30" to 12" on depth
only have for measuring the inches as the small

J. W. H. J. W. H.

Confessors only here for confessing to priests of French & etc. 2 & confessors
 confessors confessing from time to time
 9 ch. Confessors of French & etc. 2 & confessors
 18 " Confessors of French & etc. 2 & confessors
 2 " Confessors of French & etc. 2 & confessors

Personal Open

53074

Total

320 7 4

89 68

100 4

Rs. 719 June 14
 1876 144
 Mr 3163 1/4
 3

Dated 19th June 1876
 Rs. 535 of 1876

Estimate of altering
 the old punkahs into
 Bengali pattern in the
 European Infanterie
 Barracks in Fort
 Saint George.
 Amount Rs. 1,200-

3 " 15 4/6

Abstract Estimate No 536 of 1875-76.
 Presidency District

Work. Altering the punkahs in Main Guard, Saint Georges
 Guard Room, Family Quarters, & Artillery Barracks in Fort St Georges.

Quantity	Description of Work	Rate	Amount	Total
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Main Guard
 Lower Story

Carpenter Cooly hire for removing the
 present old broad punkahs, cutting
 them into two and reducing the same
 from 30" to 12" in depth with required
 new frames, leadings cloth inclu-
 ding painting complete

2 " 18 " "

New Cotton suspenders each 6 1/2 long
 with brown holland cover

1 8 " 12 " "

30 " "

No. 2

Family Quarters

Cooly hire for enlarging a post in
 the suspending ropes of 107 punkahs
 with required new rope brown holland
 8" long the same to 6 1/2 feet as proposed
 including lowering the holes complete

1 8 " 160 8 "

160 8 "

Carried over - 190 8 "

Brought forward

170.8

N^o 3

Artillery Barrack

Carpenters Cooly hire for reducing
24 punkahs of 11 to 7 feet & enlarg-
ing 6" of suspenders with required
articles

" 12 " 18 "

18 "

N^o 4

Saint George Guard Room

Carpenters Cooly hire for reducing
the old punkah in depth & en-
larging suspenders 6" Complete

18 "

Sundry charges &c.

10 "

Total Rupees. 220. "

Fort St. George
27 May 1874

[Signature]

Lieut Col. R. B.

Dist. Engineer Presidency

Comd. C. J.

Pl. 719 June 74
Dr 18 N 42 E

Mar. 3163 / 74

Dated 19th Dec 1944

Ms. 536 of 1874/75

Estimate of Altering
the Promenade in main
guard Saint Georges
Guard rooms Company
2^d and Artillery Regt
in Fort Saint Georges
Amounting Rs 220 -

Proceedings of a Committee assembled
at the Presidency, Madras, on the 12th March
1874 by order of Brigadier General. J. B.
Shakespear Commanding Centre Dis-
trict for the purpose of reporting on the
present system of hanging and pulling
Barack punctals &c.

President

J. B. Shakespear Brigadier General.

Chlorobion

J. A. Thompson M.D. Surgeon General.
J. Goddard Lieutenant Colonel R.E.

District Engineer Pres^d.

D. Lissenberg Lieutenant.

Barack Master Fort St. George.

The Committee having assembled pursuant to order, proceed to examine the premises in the Infantry and Artillery Barracks, Family Quarters, and Guard rooms in Fort St. George's, and also the Hospital used by the above Corps.

2. The condition of the punkahs at present in use in regard to depth of frames in inches, height from the ground in feet, sets of punkahs is shown in the Statement attached.

3. The Committee are of opinion that, the arrangements, fittings and gearing of the punkahs are not prepared in the most efficient and economical manner, to suit the special circumstances of each building.

4. With reference to Major General C. B. Johnson's circular letter N^o 5589 para 7, in the Proceeding of Government 27/1/05 P.W.D. which accompanied circular letter N^o 1487 of 25th Ultimo from Quarter Master General the following is therefore, proposed in reference to the first question.

5. That the frames of all punkahs of 30 inches in depth (ordinary pattern) in the Infantry Barracks and Main Guard be reduced to 12 inches in

depth (and not to 18 inches as directed) because of deficiency of height in the Buildings. It has been ascertained that the roofs are lower than Bengal Barrack roofs, and the Committee opine that better saving will be obtained by means of longer rope and less depth of punkah frame.

6. That all the punkahs which now in every instance extend from side to side across the whole breadth of the rooms be divided vertically, excepting the punkah to which the pulling rope is attached. They should be cut into lengths of $6\frac{1}{2}$ feet and hung only over the cots, leaving a gangway in the middle of the rooms. A diminution of the weight to be pulled will be secured by this step.

7. That all the suspending ropes be adjusted so as to bring the lower side of the punkah frame to $6\frac{1}{2}$ feet from the floor.

8. That the existing fringes remain unaltered.

unmattered as they are from 15 to 18 inches deep. That the two punkahs in the compartment upper story which are now lying longitudinally in the compartment and swing at right angles to the men's cots and are nearly useless, be removed and altered, so as to secure uniformity with the arrangements recommended above.

9. That the whole of the punkahs in the Artillery Barracks be adjusted so as to bring the lower edge of the frame to within 6 feet of the ground, owing to the fact that the Barracks are in a low arched bombproof casemate, and sufficient swing cannot be secured if the suspending ropes be shortened so as to bring the lower edge of the punkah frame to $6\frac{1}{2}$ feet from the ground. That the punkahs be reduced to 7 feet in length, and the men's cots be ranged down the centre of the Barracks so as to bring them out from under the

the shoulders of the arches, and under the punkahs, and to leave a gangway on either side of the room at foot of the cots as well as at the head. This arrangement becomes necessary on account of the arched roof. If the men's cots are ranged against the walls the shoulder of the arch renders it impossible to bring the punkahs over the cots. The Committee think that this arrangement will improve ventilation.

10. That the suspending ropes of the punkahs in the Family Quarters be adjusted, so as to bring the lower edge of the frames within $6\frac{1}{2}$ feet of the floor. That no other alterations are necessary as all other conditions are fulfilled.

11. That the punkah frame in the main Guard and Saint Georges Gate Guard in Fort Saint George, be reduced to 12 inches in depth and the suspending ropes be adjusted so as to bring the lower edge of the frame to within

15. In reference to the 4th question
the

Mr. Garrison Lieut. Col. McC.
Dist. Eng. Presidenc.

Dec 17 1874 Sept.
No. 3163
Perry

The Chief Engineer
2. 2. 11

Sailed 27
Read 28
Succ. S.
No. 917

Submitting copy of the
Committee report together
with 2 estimates and 1
\$10.00 for additional
recom. money to purchase
in the Infantry, particularly
Kosmich, family name
etc. etc. in which finger

which from the report of the military committee
and the committee of the war department
is recommended to be purchased
for the purpose of being used in the
infantry, particularly Kosmich, family name
etc. etc. in which finger

Mr. 3163/174

Q-o-1654-14-6-74

Oct 27 1926
L. H. Mc 14 24

31631

Vol. of 1874

PUBLIC WORKS.

The Dist. Engr.
Resy.

17th June 1874

No. 624-425

Pun Kals Estimates
amounting to Rs 1420
for certain alterations
to Pun Kals in the Infants
& Artillery Barracks &
Family Quarters &c
in Fort St. George Secnd
with remarks —