(1) புக்கங்களின் எண்ணிக்கை 92

(2) புதுக்கித் திருப்பிய நாள் 2/92

(3) ஆதாரங் குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

துறை

அரசாணை எண்.	அச்சகம்
மு. கோப்புத் தாள் எண். 270	பலவகை
நாள் : 30-1-1894	199 .

...வா கண்டபடி கையாளவோ கூடாது.

46 தாள்
TR

...கா. 1—18,006—6-9-90.

270
A

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From the Superintending Engineer,	I Circle,	dated	25th	Nov.	1893, No.	525 G.L.
" " "	I "	"	29th	Dec.	" "	941 G.N.
" " "	II "	"	5th	"	" "	466 G.L.
" " "	III "	"	2nd	"	" "	2243.
" " "	IV "	"	5th	"	" "	484 W.
" " "	V "	"	8th	"	" "	466 W.
" " "	V "	"	12th	"	" "	472 W.
" " "	V "	"	29th	"	" "	4 W.
" " "	VI "	"	21st	Nov.	" "	1200 T.C.
" " "	Supt. of Works, No. I Periyar Divn.		23rd	"	" "	200 C.E.
" Muir Mills Co. (Limited), Cawnpore, dated 21st Nov. 1893.						
" " " " " 27th " "						

Note by the Chief Engineer, Public Works Department.

G.O., No. 2435 W., dated 21st September 1893, recorded the sanction of the Government of India to the supply of tents for the personal use of the officers of this department and, before submitting to Government formal proposals as to the scale on which tents should be provided, the opinions of the senior officers of the department were asked for.

2. These opinions are very various and it is by no means easy to lay down a scale embodying all the suggestions which have been made.

3. In the Bombay Presidency to which a reference was made, no scale has yet been laid down.

4. There seems to be a very general opinion that the Regulation tent is not suited for Public Works officers, and most officers express a preference for Swiss cottage tents. These latter tents are cheaper than Regulation tents.

5. The following scale will, it is considered, meet the wishes of most officers, though, if sanctioned, permission should be given to deviate from it on cause being shown, provided the total cost sanctioned is not exceeded:—

Superintending Engineers.	Price. Rs.
1 Swiss cottage 14′ × 14′	450
1 Hill tent with bath room attached 14′ × 14′	426
1 Servants' tent 12′ × 12′	60
1 Necessary tent	30
	966

EXECUTIVE ENGINEERS.

	Price. Rs.
1 Swiss cottage 12′ × 12′	380
1 Hill tent with bath room attached 12′ × 12′	372
1 Servants' tent 10′ × 10′	50
1 Necessary tent	30
	832

ASSISTANT ENGINEERS.

1 Hill tent with bath room 12′ × 12′	372
1 Cashmere tent 10′ × 10′	183
1 Servants' tent 10′ × 10′	50
1 Necessary tent	30
	635

UPPER SUBORDINATES.

European.

1 Hill tent with bath room 10′ × 10′	314
1 Necessary tent	30
	344

Native.

I much doubt the necessity of providing natives with tents, as they can with much more comfort to themselves and servants put up in villages or chattrams. For special reasons they might be allowed, in which case a beehobah tent 10′ × 10′ would suffice—price Rs. 153.

6. The cost of supplying tents to all officers would be—

Superintending Engineers, Rs. 966—

	Rs.
For 6	5,796
Divisional officers, Rs. 832—	
For 24	19,968
(Omitting Buckingham Canal, Workshops, Periyár No. I and Tank Parties).	
Assistant Engineers, Rs. 635—	
The number is difficult to arrive at, but taking the present strength on duty and omitting appointments not requiring tents and including Honorary Assistant Engineers, say 30	
European Upper Subordinates, Rs. 344—	
Num ber 45	15,480
Natives—	60,294
Say about half the strength may require tents, or say 50 at Rs. 153	7,650
Total ...	67,944

Conveyance charges for tents from Cawnpore are about 10 or 12 per cent. of cost of tents. But the mills allow a discount of 10 per cent.

The cost therefore of supplying tents to the whole department may be put down at Rs. 70,000.

7. If this is sanctioned, the whole amount would not be required at once as most officers already possess tents, but allowing for this the immediate expenditure will be so heavy that I hesitate to recommend it in view of the smallness of the grants available for next year.

270/2

8. If the scale proposed above be approved by Government, I would suggest that it be sanctioned for adoption and that an estimate be prepared of the requirements of each circle; the estimates will be duly sanctioned, but a limit will be fixed to the expenditure to be incurred during the present and next official years; if this limit is not sufficient for the immediate requirements of the circle, the Superintending Engineer will have to distribute the amount allotted to the best of his judgment, bearing in mind that as a rule the junior officers, who are the least able to bear the expense of purchasing tents, should be provided for first.

(Signed) J. PENNYCUICK, Colonel, R.E.,
20th January 1894. Chief Engineer, P.W.D.

ORDER—dated 30th January 1894, No. 270 W., Public Works.

His Excellency the Governor in Council concurs in the views expressed by the Chief Engineer, and, under the Government of India Resolution embodied in Proceedings, No. 2435 W., dated 21st September 1893, sanctions for adoption the undermentioned scale of Government tents to be supplied to officers of the Public Works Department for use on tour:—

SUPERINTENDING ENGINEERS.

	Price. Rs.
1 Swiss cottage tent 14′ × 14′	450
1 Hill tent with bath room attached 14′ × 14′	426
1 Servants' tent 12′ × 12′	60
1 Necessary tent	30
	966

EXECUTIVE ENGINEERS.

1 Swiss cottage tent 12′ × 12′	380
1 Hill tent with bath room attached 12′ × 12′	372
1 Servants' tent 10′ × 10′	50
1 Necessary tent	30
	832

ASSISTANT ENGINEERS.

1 Hill tent with bath room 12′ × 12′	372
1 Cashmere tent 10′ × 10′	183
1 Servants' tent 10′ × 10′	50
1 Necessary tent	30
	635

UPPER SUBORDINATES.

European.

1 Hill tent with bath room 10′ × 10′	314
1 Necessary tent	30
	344

Native.

When necessary.

1 Beehobah tent 10′ × 10′	153

2. Permission to deviate from the above scale in individual cases will be given if sufficient cause is shown, provided no extra cost is involved.

3. The estimates referred to in paragraph 8 of the Chief Engineer's note above recorded should be submitted by Superintending Engineers as early as practicable.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Superintending Engineers.
" the Consulting Architect to Government.
" the Superintendent of Works, Periyár Project.
" the Examiner, Public Works Accounts.

Exd. C. A. Muniaswmy.
Spare Copies

220/3

GENERAL.
ACCOUNT.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated January, 30th.

Recd.

Encl.

G.O., 30th Jan. 1894, No. 270 W.

JANUARY.

Tents

Sanctioning for adoption a scale of Government -- for supply to officers of the Public Works Department on tour and requesting Superintending Engineers to submit estimates of their requirements.

No. 525 G.C

FROM

G. D. Wyburn Esq.
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

Enclosures.

Camp: Gunnarum
~~DOWLAISHWERAM~~, 25th November 1893.

SIR,

With reference to your memo No. 3684 C dated 7th November 1893 regarding the proposals for the supply of tents for P.W. Officers, I have the honor to state that I am of opinion that the scale of tents allowed by you is amply sufficient.

2. For Supg: Engineers, I would recommend the alternative for a second tent, namely a hill tent 14' × 14' in lieu of a beehiva.

3. For Upper Subordinates (native) a tent is seldom required, but a beehiva 10' × 10' would be sufficient when required. For European Upper Subordinates a hill tent or double

fly beechoba 7 10' × 10' would be suitable

I have the honor bee
Sir
Your most obed.t servt.

J. N. Wyllie
Supt: Engineer 1st Circle

27e/5

11/1893

8

P. W. CURRENT No. 10201

S. E. I. 500—13-2-96.
6

FROM

G. D. Wyllroom Esquire
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT

DATED 25th
DESPATCHED 28th } November 1893.
RECEIVED 1-12-93

No. 525 Gl.

ENCLOSURES

SUBJECT.

Government tents allowed for use of P.W. officers and subordinates—

stating that the scale of— is amply sufficient—

No. 1923 / 4-6-77
" 1842 " 4-7-77
" 1654 " 16-6-77
" 2471W " 23-9-82
" 2984W " 13-11-82
" 663 " 11-3-72
" 1877 " 28-7-73
" 2117 " 25-8-73
" 435 " 15-2-75
" 2251 " 4-8-75
" 2252 " 4-8-75
" 2810 " 29-7-75
" 1085 " 1-5-76
" 1350 " 30-5-76
" 2320 " 31-8-76
" 2321 " 31-8-76
" 3142 " 22-11-76
" 3310 " 7-12-76
" 803W " 28-9-77
" 804W " 28-9-77
" 1838W " 13-4-78
" 2471W " 23-9-82
" 2984W " 13-11-82
" 1999C " 25-5-88
" 2064W " 9-7-88
" 1328W " 10-5-90
" 1417-8W " 29-5-93
" 2435W " 21-9-93
" 3684C " 7-11-93
" 3322W " 20-12-93
" 3859C " 18-11-93
" 3965C " 22-11-93

a

No. 2068.

Camp Kukudakandi
Dated 9-12-93

From

I. F. Somers Eve Esq
Executive Engineer Rushi-
-kulya Division

2nd/6

To,

The Superintending Engineer
1st Circle-

Sir,

With reference to the Chief Engineer's Memo No. 3684 C of 7th Nov. 93 forwarded under your endorsement No. 529 Gl. of 25-11-93, I have the honor to submit for your consideration the following remarks.

In a Division such as the Rushi-kulya Project the Executive Engineer has practically to live in Camp only returning to head quarters once or at the most twice in a month under such circumstances it is necessary for him to carry about an extraordinary amount of personal kit, stores and office. A 12'×12' regulation tent is not sufficiently large to accommodate this more over, it is constantly necessary to entertain other Officers, of our own, or other Departments. As a recent example I may quote my recent tour with the Collector, when I had to entertain him, his wife, an Assistant Collector

and the Assistant Engineer - This could hardly be done in a 12 x 12 single poled tent.

I think the smallest size should be a 16x16 Hill tent with a bath room attached -

At the same time I think a 14x14 Swiss Cottage tent, and a small servants tent would be far better and not much more expensive. I would note that the tents supplied to the Salt Department are far larger than the scale proposed - I would ask that if the tents are sanctioned those for this Division may be supplied at once - My own are nearly worn out and I shall have to buy more immediately which I should naturally prefer not doing under the circumstances -

I have &c
(Sd) I. F. Somers Exe
Ex Engr Rushikulya Dn

No 941 G. T.

Copy submitted to the Chief Engr P. W. Department in continuation of this office No 525 Gl. dated the 25th November 1893.

29-12-93
Supt 5-1-94.
Ex-29/12

Sup & Engr 1st Circle.

27°/7

Cw, 10201 Compl 1293 sent to CAW -

CURRENT No. 42

G. D. Sykes Esquire

SUPERINTENDING ENGINEER

11

FIRST CIRCLE.

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

MADRAS.

DATED 29th December/93.
DESPATCHED 30/88 January 1894
RECEIVED

No. 941 G.S.

ENCLOSURES.

SUBJECT.

Government tents for use of P. W. officers —
Submitting copy of letter from the Executive Engineer Ruchikuly a Division making certain remarks on the scale of —

12

Superintending Engineer's Office,

No. 466 G.L

II CIRCLE, Bezwada
Dated 5th Dec 1893.

270/8

From,

J. W. Martin
Esquire,
Superintending Engineer,
II Circle.

To,

The Chief Engineer
P. W. Department
Madras.

Sir,

In reply to your Memorandum No. 3684 C dated 7th ultimo, in the matter of tents, I have the honor to state that I think the tents for Superintending and Executive Engineers may be of the same size and pattern, and I recommend as follows:—

1 Swiss Cottage tent 12'×12' or
1 Hill tent 12'×12' with bath room attached —— } One of these two at the option of the Officer Concerned.

1 Double fly Buchoba tent 10'×10' ——
1 Servants tent 10'×10'
1 Necessary tent.

For Assistant Engineers, I recommend
1 Hill tent 12'×12' with bath

room attached.
1 Double fly Beechoba 10'x10'.
1 Servants tent 10'x10'
1 Necessary tent.

2. I think a tent of more than 12ft square is not suitable for D.P.W. Officers, as these officers move Camp almost daily. A tent larger than 12 ft square is heavy and troublesome to pitch. I do not like regulation tents as it is difficult to get a current of air through them, and besides they are heavy and troublesome to pitch particularly in wet weather. I think 10'x10' is the best size for a Beechoba tent. If larger than this the roof is too heavy for the bamboos in the roof and the result is that the roof sags and leaks; while if smaller than 10'x10' the tent is too small to be of any use at all.

3. For Assistant Engineers I think a hill tent 12'x12' is the most suitable as it is rather lighter than a Swiss Cottage tent and more easily pitched.

I have the honor to be
Sir
Your most Obt Servt
E[illegible]

15

From the Executive Engineer Kurnool, Nov. 24. 1898.

As regards tents required for Executive Engineer and Officers of lower rank

For Executive Engineers

2 Hill tents 12x12 with bath room attached. weight 14 Mds. 270/10

2 Servants tents - - - - - - - - - - - 3 -

2 Necessary tents 4x4 - - - - - - - - 2 -

19

For Assistant Engineers.

2 Hill tents 10x10 - - - - - - - - - 12 -

2 Servants tents - - - - - - - - - - 3 -

2 Necessary tents 4x4 - - - - - - - - 2 -

17

Upper Subordinates

1 Beechoba double fly 10x10

or

Shooting Pal double fly - 10x10 - - - - 2¼ Mds.

2. I have proposed double fly tents for Upper Subordinates as I do not know whether Officers are expected to carry their tents with them on transfer from District to District, or Sub Division to Sub Division, or whether the tents are supposed to be attached to Districts or Sub Divisions. If the latter it may well happen that a European will get a single fly tent and a native a double fly tent. There would be no mistake or risk were all to share alike.

From the Executive Engineer Cuddapah, Nov: 23-1893.

I do not understand the meaning of the bracket in the Chief Engineer's No: 3684 C of the 7th Instant- Does it mean that the alternative lies between a bechoba and a Hill tent, or between a single poled regulation tent and a bechoba and a Hill tent and a servants tent?

2. If the former I think a Hill tent preferable to a bechoba.

3. If the latter I think a single poled tent and a bechoba preferable to a Hill tent and a servants tent.

4. I certainly think a double fly tent necessary for European Upper subordinates.

the meaning is perfectly clear

From the Exe: Engineer Bellary, Nov: 21-1893.

I consider a hill tent and a Field Officers Cabeul Pal to be more useful and handy than the regulation and bechoba tents as suggested in the Memo under reference.

From the Elgin Mills' Company's Catalogue it appears that a single pole regulation tent 12X12 weighs 13 maunds and cost Rs. 505; the weight and cost of bechobas is not given. I look upon the

the bechoba as a most unsatisfactory tent.

I would suggest instead of the above, one 13X13 Hill tent with sywans enclosed and one Field Officers Cabeul Pal 9'X8' or 10'X8' with bath room and outer fly extended to the ground.

The weight and cost being as follows

	weight	Cost
13X13 Hill tent	10 maunds	Rs 400
Cabeul Pal 9'X8'	2 do	140
Total	12 maunds	Rs 540

HE 270 10

The points in favor of the scale as suggested above are, less weight, less cost, and greater accommodation. Servants tents should I think be provided by Officers themselves.

For Asst Engineers I would suggest the same scale as for Exe: Engineers, except that a Hill tent 12X12 might be substituted for one 13 square.

For European Subordinates I think a 10X10 Hill tent as suggested with sywans enclosed is the most suitable.

(True Extracts)

A. Fraser Coll R.E.

Supty: Engineer, III Circle.

P. W. CURRENT No. 10406

14

From

The Supg. Engineer
2nd Circle

To,

The

The Chief Engineer
P. W. Department
Madras

Recd 2.12.93

Dated 5th Dec. 93

No. 46692.

From,

The Superintending Engineer,
II Circle.

To,

The

Dated } 18

Received

Enclosures.

NO.

SUBJECT.

Tents to be supplied
by P. W. D. offices —
Copies & memorandum
regarding the —

No. 2243.

17

Superintending Engineer's Office,
3RD CIRCLE.
Bellary 2nd December 1893.

FROM

Colonel A. S. Fraser R.E.
SUPERINTENDING ENGINEER,
IIIRD CIRCLE.

270
12

To

THE Chief Engineer
P. W. D.
Madras.

Sir,

Enclosures.
1

I have the honor in reply to Circular No. 3684 C dated 7th November 1893 to attach the opinions of the Executive Engineers Kurnool, Cuddapah and Bellary on tents required for Executive & Assistant Engineers, and others. Elgin or Muir

2. Mine is, that tents as supplied by the Mills at Cawnpore are the best from their strength and lightness, the latter very important where there is so much moving them by railway nowadays.

3. Probably each circle has its special requirements, and tents adapted to these Districts or Coimbatore, would be inefficient for the Godavery or Madura.

4 I would suggest

For Superintending Engineer

1 Muir Mills Single Poled Regulation tent 13×13 weight 13¼ lbs.
1 Cashmere tent (Swiss Cottage) for sleeping 10×9 — do — 3½ do
1 Servants Pal 12×12 - - - - - - - do — 1¾ do
1 Bathing tent single fly 8×8. - - - - - do — 45 lbs

or the alternative of

1 Hill tent with 2 Sywans 13X13 weight 10 maunds
1 Officers Field Service tent (Cabul Pattern) 10X8 do 1¼ do
1 Battery tent Single fly. 8X8 do 45 lbs
1 Servants Pal 12X12 do 13¼ lbs
In special cases a 14X14 tent might be substituted in either case. With fewer tents a camp would be incomplete.

For Executive Engineers

1 Single Pole Regulation tent 12X12 weight 13 Mds
1 Miniature Cashmere tent (for sleeping) 9X9 " 2½ do
1 Servants Pal 10X10 " 1½ do
1 Bathing tent single fly 8X8 " 45 lbs

or

1 Hill tent with 2 sywans 12X12 " 9½ Mds
1 Miniature Cashmere tent (sleeping) 9X8 " 2½ do
1 Servants Pal 10X10 " 1½ do
1 Bathing tent single fly 8X8 " 45 lbs

Assistant Engineers

1 Single poled Regulation tent 10X0 11 Mds
1 Miniature Cashmere tent (sleeping) 9X8 2½ do
1 Servants Pal 10X10 1½ do
1 Bathing tent single fly 8X8 45 lbs

or

1 Hill tent with 2 Sywans 10X10 8½ Mds
1 Officers Field Service tent (for sleeping) 10X8 1½ do
1 Servants Pal 10X10 1½ do
1 Bathing tent single fly 8X8. 45 lbs

Subordinates of Sub-divisions.

1 Hill tent 10X10 with 2 Sywans weight 8½ Maunds
1 Cabul Pal 7X7 " 1 do
1 Servants Pal 8X8 " ¾ do
1 Bathing tent 7X6 Single fly " 35 lbs
or
1 Cashmere tent 10X9 " 3½ Mds
1 Cashmere Pal 7X7 " 1 do
1 Servants Pal 8X8 " ¾ do

290/13

The designations and weights are chiefly taken from the Meerut Mills Catalogue.

I have the honor to be
Sir
Your most obedient servant
A Fraser Coll R.E.
Secty: Engineer III Circle.

P. W. CURRENT No. 19281

From, Col. A. Grace. CE
The Superintending Engineer,
IIIrd Circle,
Bellary.

To,
The Chief Engineer
P.W.D.
Madras

Dated 2nd November
Received 4th November 1893.

Enclosures. 1

No. 2243

Subject.

Tents. Attaching the opinions of Executive Engineers regarding - required.

10/

No. 484/W.

Supg Engineer's office, 4 Circle,
Coimbatore, 5th November 1893.

From,
J. Hannan, Esq.,
Supg. Engineer, 4 Circle, 27°/14

To,
The Chief Engineer,
P.W. Department.

Sir,

In your Memorandum No. 3684 C, dated 7th November 1893, Hill tents are proposed as alternative to Beehobas. I think what is meant is that officers can have either a single pole regulation tent or as an alternative a Hill tent and a Beehoba, the weights in each case being the same. If so, the words "or as an alternative" should come after "Regulation tent" in your list & "Beehoba" & "Hill tent" should be bracketed. Thus:-

Single pole regulation tent _____
or as an alternative
{ Hill tent _____
{ & Beehoba _____
Servants tent _____

9/

If I am right as to your intention, I think the scale a suitable one.

2. Some of the Executive Engineers to whom I have referred would prefer a Swiss cottage tent. So I think it would be perhaps as well to allow a "Sebi Cottage" as a second alternative to the single pole regulation tent, but personally I do not think they are so suitable as the single pole being more difficult to pitch.

3. The scale of weights entered in your Memorandum is considerably below that quoted by the Elgin Mills Company. For instance, the memo: gives 11 maunds as the weight of a 12 feet Single pole regulation tent and 7 maunds for that of a 12 feet Hill tent against 13 and 8¼ maunds as given in the Elgin Mills current price list.

I have the honor to be,
Sir,
Your most obedt servant

J. Hannan
Supg. Engineer, 4th Circle.

220/15

P. W. CURRENT No. 10410

23

From,

The Supg. Engineer
4th Circle

Dated 5th
Rd 7th } December 1893.

No 4874 W

Enc:-

Tents— Reports on the
Scale of— proposed
to be supplied to the
Officers of the P.W.D.

24

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,
Superintendent's Office, December 1893

No. 466 W

From J. L. Larminie Esquire
SUPERINTENDING ENGINEER, V CIRCLE,

To THE Chief Engineer
P.W. Department

2nd 16

SIR,

Enclosures.

In reply to your Memorandum No. 3684 of 7th November 1893, I have the honor to state that in my opinion the single poled regulation tent is too heavy for general use in the Depart=ment and the second tent proposed, viz the Veyehobes, unless provided with a double fly, — which adds considerably to the weight, is not as generally useful as the tent I would propose in lieu of it, viz the Cashmere tent, described at page 13 of the Elgin Mills Catalogue. This is a miniature Swiss Cottage tent, they are — nearly as Comfortable and Convenient as the large Swiss Cottage, while size for size they are lighter and only a little more expensive than Veyehobes. The Cashmere tent is more conve=nient than its counterpart, the Miniature Swiss
Cottage

Cottage, as the Kanats are detachable. I would therefore propose the following scale.

For a Supdg. Engineer

1 Hill tent 14'x14' with Syvans and Bathroom - -	weight 9 maunds
1 Cashmere tent 12'x12' - - - - - - -	5 "
Servants tent 12'x12' or Mountain Battery pattern 10x9 - - -	1¼ "
necessary tent 4'x4' - - - - - -	1 "
total	16¼ maunds

against 19¾ maunds or 22¾ maunds as proposed in the Memo under reply. A similar scale for Executive Engineers as also for assistants; for the latter of the smaller dimensions specified. I would draw attention to the fact that a regular Swiss Cottage tent 14'x14' is lighter than a regulation tent, 10¼ mds. to 13½ and the price Rs 115 less. In fact a 14 foot Swiss cottage is lighter than a Complete Hill tent of the same size 10¼ maunds to 11 maunds and the cost is only Rs 14 more. So it seems worth consider= considering if No 1 tent in the above scale should not be a regular Swiss cottage, as they are by a long way the most Comfortable Kind of

even a 12'x12' Swiss Cottage, would be better than a 14'x14' Hill tent & lighter. The cost

of tent.

I have the honor to be
Sir
Your most obedt Servt

220/17

J. C. Lakeman
Supdg. Engineer V Circle

8/12

P.W. CORRESPT No. 10552

27

From

The Supg Engineer
Fifth Circle

To:
The Chief Engineer
P.W. Department.

Dated 8th December 93.
Recd 12th December 93.

No. 4662 W.

Tanks.

Proposes certain
Scales of Issue
Supg Engineer

28

Extract from letter from the Executive Engineer
Chingleput Division No. 2941 dy 6th December 1893.

× × × × × ×

27°
18

× Learned suggest the Cantonment Test is Hill Test JCL

For European Upper Subordinates I think in addition to the 10 ft × 10 ft hill tent a small tent in which he could sleep of the type of a Shooting Pal 9 ft × 9 ft and a necessary tent should be added.

I have &c
– Signed – F. J. Wilson
Executive Engineer

No. 472 W

Submitted to the Chief Engineer P.W. Department in continuation of this office No. 4662 W dated 8th December 1893.

Tanks 10552
Sent to case 12/12
Referring on the Scale of Tents to be supplied by offrs of the P.W.D.

12 December 1893

D.C.
15-12-93.

J J Clarmont
Supdg. Engineer
12/12 V Circle

P.W. CURRENT No. 10648

From

The Supty Engineer

Fifth Circle

To

The Chief Engineer

P.W. Department

Dated 12
Recd 14 } December 93.
Read

No 472 W.

Tents.

Suggests the — for
European Officer Sub-
-ordinates.

30

Copy of letter No 2367 dated 30th
November 1893 from the Sub-Divisional offi
Mannargudy to the Executive Engineer Negapata
Division.

270
19

8

Reference your No 3313 dated 23rd
Instant on SE No 525G/19.11.93 about the Siz
of tents required for members of this Depar
-ment, I beg to report that a Servants tent
will be also necessary for upper Subordinate

Copy of letter No 336 dated 2-12-9
from the Sub-Divisional officer Pattukota
to the Executive Engineer Negapatam Divisi

I beg to inform you that the propos
is an extremely good one and that it
will meet a long felt want.

Referring to para 2, I beg to point out
that double fly hill tents 10'x10' must
be provided for even the Native subord
At Bechola will not be liked by the
Native Subordinates who will feel it as
an

an indignity shewn to them. Do they supplied with it. It will certainly fall into disuse or can be kept in use only by compulsion and against their feeling. The double fly hill tent will be hailed with delight by all. A Bechoba is associated by Natives with the tents carried by Copper vessel Sellers.

Copy of letter No 1141 dated 5.12.93 from Mr Visvanatha Iyer overseer P. W. D. Tuticorin submitting to the Executive Engineer Negapatam Division through the Sub. D. Officer, Tuticorin dispondi.

Adverting to your No 3313 / 23.11.93 and para 2 of C. E. No 3684 / 7.11.93, I respectfully beg to submit that a tent 10'×10' of a Bechoba of the above dimensions would do in districts where temperature is neither too hot nor too cold.

2. A double fly ("hill" or "ordinary") tent would however be desirable in districts where temperatures is in extremes in either seasons.

3. I beg further to submit that without a Servants' tent (whatever may be its size or pattern) the attendance of the Servants cannot be guaranteed, when out in camps, as they would necessarily leave off the camp in search of shelter elsewhere to protect themselves from rain or cold; and hence provision for a Servants' tent commends itself for your favorable Consideration.

(True copies).

Subramani
22-12-93
Executive Engineer

No 4
20/12.

33

No. 665 S&E. Executive Engineer's Office, Negapatam.

Camp, Dated 22nd Decr 1893

From

The Executive Engineer,

NEGAPATAM DIVISION.

270/21

To

The Superintending Engineer
V circle

Reference No. Dated

Sir,

1 Enclo. With reference to your No 5259/19-11-93 - regarding tents, I have the honor to report that I have no observations to make but submit Copies of reports received from Sub-Divisional officers Patukota and Mannargudy and from overseer Viswanatha Iyer for your Consideration.

I have the honor to be
Sir
Your most obedt Servt

Executive Engineer
22-12-93.

C.A
20/12

Copies 400—13—10—93.

CURRENT No. 149

36

SUPERINTENDING ENGINEER'S OFFICE
CHEPAUK.
8 Oct 94
No.
P. W. D., 5th CIRCLE.

P. W. D.

FROM

The Executive Engineer,

NEGAPATAM DIVISION.

To

The Supg. Engineer
5th Circle

No. 665 Y&.

Dated 22nd
Despd. 23rd December 1893
Received 10.1.94

ENCLOSURE. One

Subject.

Tents. Reporting regarding proposed supply of No. 22.

Submitted to the Chief Engineer in continuation of this office No. 720 of 12/12/93. A miniature Swiss Cottage 10 x 10 might be allowed for Subordinates in lieu of 5th class

35

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,

No. 1200 TC

Trichinopoly, 21st November 1893.

D 21/-

FROM

Lieut.-Col. A. W. Smart R.E.
SUPERINTENDING ENGINEER,
6th CIRCLE.

TO

2TC
22

THE CHIEF ENGINEER,
P.W. Department.

SIR,

ENCLOSURES.

With reference to your No. 3684 C dated 7th November 1893 I have the honor to state that I consider the scale of tents proposed by you to be suitable, but would suggest that Superintending Engineers and Executive Engineers may be allowed Swiss cottage tents of the small size as an alternative to the single pole Regulation tents. The bell shaped tents should have double upper flies; the single fly bell shaped will not keep out rain and

is

500—13 11·93.

it unbearably hot during the 35
day in hot weather 36

I have the honor to be
Sir
Your Most Obed.t Serv.t

Lieut.t Col.l R.E.
Superintending Engineer
VI Circle

A1

2°
2/23

P. W. CURRENT No. 9922

37

P. W. D. 6th CIRCLE.

FROM

THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

TO

THE CHIEF ENGINEER,

P. W. D

No. 1200-C

Dated 21
Received 22 } November 1893.

Enclosures.

Government Lr. to:—

Expressing his opinion on the subject of — to officers.

38

Office of Superintendent of Works
No I Periyar Division

No 2006 Periyar 23rd November 1893

27th/24

From

S. D. Sears Esqre

Superintendent of Works
No I Periyar Division

Periyar

Enclosure 2 in C.

To

The Chief Engineer
Public Works Department

Madras

Sir,

In reply to your — Memorandum No 3604-C. of 7-11-93 I have the honor to say that in my experience and observation one double-fly, one Single-fly, one Servant's; and one necessary tent have almost invariably — Constituted the ordinary Camp — equipment

equipment of an officer of whatever rank, in the Public Works Department, any differences being merely differences in size and pattern.

For the double-fly tent I should recommend a hill tent as being lighter than a regulation-size for size.

For the single fly I should recommend a bechoba

In addition to these there should be a single-fly Servants' tent and a necessary tent.

The sizes should be for an Executive Engineer 14'×14', 10'×10', 10'×10' and 4'×4' respectively and

for an Assistant Engineer 12'×12', 10'×10', 10'×10', and 4'×4'. 270/25

For European Subordinates a 10'×10' double fly hill tent should be provided and for native Subordinates a 10'×10' bechoba

I have the honor to be
Sir,
Your most obedient Servant

S. D. Vears
Superintendent of Works
No 1 Perijar Division
P.W.D. 22/11

P. W. CURRENT No. 10065

From

The Superintendent of Water
Nor Leruijan Dn
Coimbatore

The Chief Engineer
Public Works Department
Madras

Rs 200 bl
Enclosure Nil
Dated 28th November 1893
Received 27th November 1893

Camp equipment

Suggested sizes for
the ——— of the
P. W. Officers and
Upper Subordinates

THE MUIR MILLS COMPANY LIMITED
CAWNPORE.
MANUFACTURERS OF ALL DESCRIPTIONS OF
COTTON CLOTHS & YARNS
ALSO OF
TENTS, CAMP EQUIPAGE, ARMY OUTFITS, &c.
THE MUIR MILLS, CAWNPORE.
Branches at HYDERABAD & RAWAL PINDI.

CAWNPORE, 21st Nov. 1893

270/26

To

The Under Secretary
to Government
P. W. D.
Madras

Sir

I beg leave to acknowledge
receipt of your letter
of the 18th Instant No. 3859 C.
and as requested to
quote as follows for
the various descriptions

y' Tents enumerated below viz:

S. P. regimental tent	14 × 14	Rs	545
Do	Do	12 × 12	505
Bechirka	10 × 10		150
"	9 × 9		140
"	8 × 8	270/27	130
Hill Tent	14 × 14		325
"	12 × 12		290
"	10 × 10		235
Servants tent	12 × 12		60
Do	Do	10 × 10	50

The above prices are for the tents complete, including ~~xxx~~ durries (carpets) for such as ~~have~~ need them vide our catalogues, and include packing and delivery at any Railway Station in Cawnpore.

The ~~p~~prices are also subject to a discount of ten per cent.

Soliciting your orders

I am

Your obed servt

~~xxxxxxxxxx~~

For Secretary

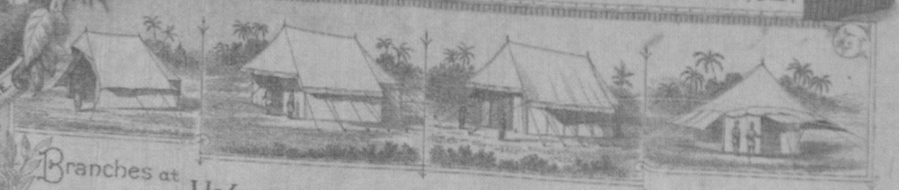
from

THE MUIR MILLS COMPANY LIMITED

CAWNPORE.

MANUFACTURERS OF ALL DESCRIPTIONS OF
COTTON CLOTHS & YARNS
ALSO OF
TENTS, CAMP EQUIPAGE, ARMY OUTFITS, &c.





Branches at HYDERABAD & RAWAL PINDI.

CAWNPORE, 27th Nov. 1893

To
The Under Secretary
to Govt
P. W. D.
Madras

270
28

Sir

In reply to your letter of the 23rd instant No. 3765 C. I beg leave to state that the prices of a Swiss Cottage tent 14' × 14' is Rs 450, and 12' × 12' Rs 380; packed and delivered on rails Cawnpore and subject to 10 per cent discount.

In the event of you being pleased to place an order with us, I remain

P. W. CURRENT No. 10065

45

270
29

recommend that page ~~xx~~ omitted be not ordered, as things could be easily obtained in Madras and although the cook in Rmall the saving in strength by obtaining items locally would be considerable.—

Leudering our best remain

Mrs Obstrondh

for Mrs Moon

for Secretary

P. W. CURRENT No. 10065

1276

Current box

42 & 149

Dw

27
30

Submitted.

The file regarding Scale of Tenders for P.W. Officers is apparently with you.

Ch
12.1.94

P. W. CURRENT No. 10065

L.C.

P.W.O. 27°/31

Can you send me the original file showing the rates of Camp Equipment etc. current when armed at.

There are

L.C. — 600
E.C. — 1500
A.C. — 1000
Subordinate — 750.

In this Unit Case the following rates are sanctioned

Calibre	Rounds
Pistol	65
L.A. Calibre	55
A. Calibre	45
	35

P. W. CURRENT No. 10065

Telephone trunk
line mounts of
80 lbs — in which
case the allowance
is very much
greater than that
allowed to P.W.
offices.

DWW
6.11.93

DW

Please see Sp. Wks
29 M W of 13.11.82 in
the Secy. file. The
Asst Pros. are in the
Govt. Stores can issue
for.

The mounts allowed
for Civil offices must
be 30 lbs, as that is the
Metropolitan Railway mount
but we are asking
the Govt. Genl. Office

CE
4/11/83

DW

270
32

All replies have now
been received to memo No
36 84 C of 7.11.93, regarding
the proposed scale of
rents for P.W. offices,
& a brief summary is
submitted —

The main rules given
therein marked in a
separate copy of the memo —

All that seems necessary
at present is to fix the
scale finally, & to em-
body it in a Govt. order.

The actual supply
would apparently be
arranged for by Offices
themselves, just as they
now do in the case
of their own rents, or
in the case of office
furniture — In each
case an estimate would
be submitted for Govt
sanction
under para 14, Chapter
VI Mr Corbet's letter
Govt would arrange
for the supply within
the limit sanctioned.

The Main rules
prices might perhaps
be given in the scale

P. W. CURRENT No. 10065

as a guide.

Jordan.

Ch
14/12/53

270
33

Our

Orish Pass. No.
2932 w dy 13.11.82,
regarding Works of
Art to be carried by
officers, submitted
for perusal.

Ch
7.11.53

Seen. There is
a useful note
on the question of
Tents by Lt. Head
in this file.

Dill
7.1.53

P. W. CURRENT No. 10065

Summary of report from Supt Engrs Circular No 3684 C/7 7.11.931/22 regarding scale of tents for Pro. Officers 270/20

270/34

I Circle - Considers the scale proposed by Engrs. adequate - Recommends that the usual tent for Supt Engrs should be a hill tent 14'X14' instead of the bechelors (under Engrs) proposed. Supt Engrs can have either one or the other as they please

II Circle - Considers that the tents for Supt Engrs & Exe Engrs may be the same as recommended in following Scale -

1 Swiss cottage tent 12'X12' } either adoption of these
or
1 Hill tent 12'X12' with bath room attached }
1 Double fly bechelor 10'X10'
1 Servants tent 10'X10'
1 necessary tent -

For asst Engrs -

1 Hill tent 12'X12' with bath room attached
1 Double fly bechelor 10'X10'
1 Servants tent 10'X10'
1 necessary tent -

Considers that a tent of more than 12 feet

[illegible] Sr. Engrs Bellary
[illegible] & Cuddapah
divisions [illegible]
[illegible]

II Circle. Thinks that the alternative in the Chr. Engrs proposals should be between a single bolt regulation tent, and a Hill tent and Bechola Tents —

1 Single bolt regulation tent
or as an alternative
1 Hill tent and
1 Bechola
Offrs the right, thinks the Scale a suitable one.
(The Chr. Engrs intention however is that Offrs should have either a Hill tent or a Bechola, with the regulation tent.)

The S.E. states that some of his Ex. Engrs hope a Swiss Cottage tent & the finder a tent of this description may be allowed as a second alternative to the regulation tent. Personally the S.E. does not think the Swiss Cottage tent so suitable as the single pole, as it is more difficult to fetch.

The S.E. also points out that the scale of weights in Engrs memo. is considerably below those quoted by the Elgin Mills Co. The weights

50

in this office memo. were taken from the Mess. Mills catalogue, & are correct as regards that publication.

II Circle. States that a single pole regulation tent is too heavy for general use in the dept., & that the Bechola, unless provided with a double fly is not comfortable as the Cashmere tent. Proposes the following scale —

1 Hill tent 14'x14' with Square & Extension 270
1 Cashmere tent 12'x12' 36
1 Servants tent 12'x12'
or Mountain Battery
Section - 10'x9'
Mess tent 4'x4'

Shows that the total weight of above is 16¼ maunds against 19¾ or 22¾ of Govt scale.

Recommends same scale for Ex. Engrs & Asst, but smaller dimensions for the latter.

Points out that a regular Swiss Cottage tent is lighter than a regulation tent & the prices Ex. Engrs state, but in the above scale might be a regular Swiss Cottage, as the latter is [illegible] more comfortable kind of tent.

VI Circle. Considers the
scale proposed by Engl.
Suitable, but suggests
that Supts & Sec. Engrs should
be allowed Swiss Cottage
tents of the small size
as an alternative to the
single pole regulation tent.
Bedsteads tents should have
double upper flies, as a single
fly will not keep out rain
& is unbearably hot during
the day.

Supt of Works Perim. In his
experience, the ordinary camp
equipment of Pub. officers
of the lower ranks is almost
invariably
1 double fly
1 single fly
1 Servants &
1 necessary tent
differences being made in
size & pattern.
For the double fly he
commends a Bell tent as being
lighter than a regulation.
For the single fly a
bedstead.
The sizes should be for
an Exec. Engr, 14'x14, 10'x10
10'x10' & 4'x4'.
For asst, 12'x12, 10'x10,
10'x10 & 4'x4'.
For European subor-

52 dinates a double fly tent 10'x10' & for natives
a 10'x10' bedstead.

Ch
14.12.93

270
37

53

P. W. Dept

2/20
1/38

130

Note by the Chief Engineer P.W.D. d/20.1.94

G.O. No 2435.W. d/21st

September 1893 recorded

the sanction of the

Government of India

to the supply of tents

for the personal use

of the officers of the

Department and before

submitting to Govern-

ment formal pro-

posals as to the scale

Should

on which tents ~~are~~

be provided the

Opinions of the Senior

officers of the Depart-

ment were asked for.

2. These opinions are very various, and it is by no means easy to lay down a scale embodying all the suggestions which have been made.

3. In the Bombay Presidency to which a reference was made, no scale has yet been laid down.

4. There seems to be a very general opinion that the regulation tent is not suited for S. W. officers, and most officers

express a preference for Swiss Cottage tents. The latter tents are cheaper than Regulation tents.

5. The following scale will, it is considered, meet the wishes of most officers - Rough, if sanctioned, permission should be given to deviate from it on cause being shown, provided the total cost sanctioned is not exceeded —

Supts: Engineers

	Price Rs
1. Swiss Cottage 14' × 14'	450
1. Hill tent with bath Room attached 14' × 14'	420

	Price
Servants' Tent	20
12' × 12' . . .	60
Necessary Tent . .	30
	966

Executive Engineers

Swiss Cottage . . .	
12' × 12' . . .	380
Hill Tent with bath room attached	
12' × 12' . . .	372
Servants' Tent	
10' × 10' . . .	50
Necessary Tent . .	30
	832

Assistant Engineers

Hill Tent with bath room	
12' × 12' . . .	372
Cashmere Tent	
10' × 10' . . .	183
Servants' Tent	
10' × 10' . . .	50

	Price
	Rs
1 Necessary Tent	30
	635

Upper Subordinates

European.

1. Hill Tent with bath room	270
10' × 10' . . .	314
1 Necessary Tent . .	30
	344

Native

I much doubt the necessity of providing Natives with tents, as they can with much more comfort to themselves and servants put up in villages or chuttrams. For special reasons, they might be allowed, in which case a

Pechabah tents
10'x10' would suffice
Rate Rs 153.

The cost of supplying
tents to all officers
would be

Supdtg: Engineers
2 or 6 Rs 966 . . 5796

Divisional Officers
Rs 832
2 or 24 . . . 19968
(omitting Buckingham
Canal, Workshops
Perungudi No I and 2 Tank
Parties)

Assistant Engineers
Rs 635
The number is difficult
to arrive at, but taking
the present strength
on duty and omitting
appointments not
requiring tents and
including Honorary

Assistant Engineers
Say 30 . 220/A1 . 19050

European Subordinates
Rs 344 . . 15480
Number 45 .

60,294

Natives.
Say about half the
strength may require
tents or say 50
at Rs. 153 . . 7650

Total . . . 67944

Conveyance charges
for tents from Cawn-
pore are about 10 or
12 per cent of cost of
tents. But the Mills
allow a discount of
10 per cent.
The cost therefore of
supplying tents to the

whole Department
may be put down
at Rs 70,000.
If this is sanctioned,
the whole amount
would not be
required at once
as most officers
already possess tents,
but allowing for
this, the immediate
expenditure will be
so heavy that I
hesitate to recommend
it in view of the
uncertainness of the grant
available for next
year.

If

220
52

8. If the scale proposed
above be approved
by Government, I
would suggest that
it be sanctioned for
adoption and that
an estimate be
prepared of the re-
quirements of each
Circle; the estimates
will be duly sanctioned
but a limit will be
fixed to the expendi-
ture to be incurred
during the present
and next official
years; if this limit
is not sufficient
for the immediate

P. W. Department.

220
43

Read the following :—

from the S. E. I. circle No. 525 G. L. dy 25 November 93
" " —— do —— " 941 G. N. dy 29 " December 93
" " S. E. II. circle " 466 G. L dy 5 " December 93
" " S. E. III. circle " 2243 dy 2 " December 93
" " S. E. IV. circle " 487. N dy 5 " December 93
" " S. E. V. circle " 466. N dy 8 " December 93
" " —— do —— " 472. N dy 12 " —— do ——
" " —— do —— " 4 N 1200 T. C dy 29 " —— do ——
" " S. E. VI. circle " ~~FOR ORDERS~~ dy 21 " November 98.
" " Supdt: of works. 2½ I Rivjar Dr dy 200. Cr. dy 23 " Novr 98
" " Muir Mills Co (2 Co) dy Cawnpore 21 " Novr 98
" " —— do —— dy —— do —— 27 " Novr 98.

Note by the Chief Engr: P. H. A. dy 20 January 99.

For orders.

N

22-1

Approved.
W
24 Jan

43—200—23-3-98.

requirements of the Circle, the Supdg: Engineer will have to distribute the amount allotted to the best of his judgment bearing in mind that, as a rule the Junior officers, who are the least able to bear the expense of purchasing tents should be provided for first.

E. C. S
22-1

Hiclaud 64

FOR ORDERS.

Scale of tents for the use of officers and upper subordinates of the P.W.D.

PUBLIC WORKS DEPARTMENT.

No 270 W dy 30 January 1894.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

270
44

READ the following

From the Supdg. Engr. I Circle, No. 525 G.L., dy 25 November 1893.
" " — Do — do —, " 941 G.L., dy 29 December 1893.
" " — Do — II Circle, " 466 G.L. dy 5 — do —.
" " — Do — III Circle, " 2243, dy 2 — do —.
" " — Do — IV Circle, " 484 W, dy 5 — do —.
" " — Do — V Circle, " 466 W, dy 8 — do —.
" " — Do — do —, " 472 W, dy 12 — do —.
" " — Do — do —, " 4 W, dy 29 — do —.
" " Supt. of Works No. I Periyar Dm., " 200 C.W. dy 23 — do —.
" " Munro Mills Co. (Limited) & Cawnpore, 21 — do —.
" " — Do — do — dy — do — 27 — do —.

Note by the Chief Engineer, P.W.D., dated 20 January 1894.

His Excellency the [illegible] concurs in the views expressed by the Chief Engineer, and under the Government of India Resolutions, embodied in Proceedings No. 2435 W, dated 21 September 1893, [illegible] sanctions for adoption

W/ Smar

145—2,000—11-10-93.

E. 23/1. R 25/1

adoption the undermen-
-tioned scale of Government
tents to be supplied to
officers of the Public Works
Department for use on
tour:-

Supty. Engineers.

	Price Rs.
1. Swiss Cottage tent 14'x14'	450.
1. Hill tent with bath room attached. 14'x14'	426.
1. Servants' tent 12'x12'	60.
1. Necessary tent	30.
	966.

Executive Engineers

1. Swiss Cottage tent 12'x12'	380.
1. Hill tent with bath room attached 12'x12'	372.
1 Servants tent 10'x10'	50.
Necessary tent	30.
	832

Assistant Engineers.

	Price Rs.
1. Hill tent with bath room 12'x12'	372.
1. Cashmere tent 10'x10'	183.
1. Servants' tent 10'x10'	50.
1. Necessary tent	30.
	635

Upper Subordinates

European

1. Hill tent with bath room. 10'x10'	314
1. Necessary tent	30
	344

Native

When necessary.

1. Bechobah tent 10'x10' ~~wood & office~~	153

2. Permission to de-
viate from the above scale,
in individual cases, will
be given, if sufficient
cause

cause is shown, provided no extra cost is involved.

3. The estimates, referred to in para 8 of the Chief Engineer's Note above recorded, should be submitted by Superintending Engineers, as early as practicable.

270/46

No. 270 dt 30 Jany 46

RECEIVED

Ch. E. for Irrn.
Supdg. Engrs.
C. A. to Govt.
S. of W. & Project
Supdg. E.W. Circle

Govt. of India
PUBLIC WORKS.

6 C 1

23.9.26 II

30 Jany 1927

Sects

Sanctioning for adoption a scale of Government for the use of officers of the P.W.D. on tours and requesting SEs to submit estimates of their requirements.

D. C. No. V
3/11