(1) பக்கங்களின் எண்ணிக்கை 16

(2) புதுக்கித் திருப்பிய நாள் 3/90

(3) ஆதாரங்குறிப்பவர் கருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.C.D துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 3250

அச்சகம்
பலவகை

நாள் : 6.12.1890.

198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண, எண்-1—18,000—15-8-87.

3250
2

11357

AE

In this case, my
wife, with his 9 sheets
remains thereon Rented
for to the Agm. with
[illegible]
[illegible]
[illegible]

3250/2

Copy of letter from the Superintendent, School of Industry, Jabalpur, dated 4th September 1890 No. 1179.

With reference to your letter No. 562 dated 28th August 1890 I enclose price list of tents and Cabool pals.

I have no record of the number of cubic feet into which the tents will pack.

Enclosure.

Cabul Pál 10×10' – height 9½ feet – inner fly 8½ feet between flies 1 foot – Kanats 4 feet high – Outer fly rounded off at back to make bath room – A piece of net runs along the Kanats forming 6 pockets for clothes &c.

The whole tent made of 3 folds of cloth ——— weight about 2 Maunds, 16 seers.

Price ——— Rs 140, weight 2 Maunds, 16 Seers
Thin carpeting if required Rs 11 – Do ——— " ——— 7½ " –
Thick – Do ——— Rs 16 – Do ——— " ——— 10 " –
Enclosing Kanat to Sywan each Rs 14/" /" –

Cabúl Pál 9×8 – height 8½ feet – inner fly 7' 9" between flies 9 inches – Net pockets as above – Kanats 4 feet high. Two folds cloth throughout – A bath room can be made to fit either end of tent – after use it can be shifted to the other end for a servant at night. –

Price ——— Rs 85 – weight – 106 lbs ———
Bath room ——— Rs 22 – Do – 30 – " – 136 lbs
Rezaies ——— Rs 15 – Do – 17 ———
Thin carpeting ——— Rs 8 – Do – 12 ——— 290 or about 2 Maunds
Enclosing Kanat to Sywan each Rs 10/" /" –

Cabúl

Cabul Tent 7 x 7 feet — height 7½ feet — with guiches between flies — Net pockets as above — weight 80 lbs —

Two folds cloth throughout — Kanats 3 feet high —

A bath room can be made to fit either end of tent as above.

Price	Rs 75	Weight	80 lbs.
Bathroom	Rs 15	Do	2 lbs.
Rezaies	Rs 15	Do	11 "
Thin carpeting	Rs 6	Do	8 "

Enclosing Kanat to Square each Rs 8/-/-

The Rezaies have eyelets all round and there are little wooden buttons along the ridge and sides of Kanats above the netting, to fasten them to so as to make a good protection against rain.

The Rezaies can also be used for bedding.

Any other alterations can be made according to wishes of purchaser for which an estimate can be furnished.

3280/3

Copy of letter from the Presidency Port officer, Madras, dated 17th September 1890 No. 900/1479 Gr.

In reply to Marine Department Reference on Current No. 562, dated 28th August 1890 (herewith returned) I have the honor to acquaint you, for the information of Government, that, as desired, I placed myself in communication with the Agents of the British India Steam Navigation Company's and Asiatic Steam Navigation Company's steamers on the subject under reference. In reply, Messrs Wilson & Co. the Agents of the latter company, express their inability to suggest any scale of measurement for camp equipment to meet the purpose, but Messrs Binny & Co. the agents of the former, suggest a scale of 30 cwts dead weight to a measurement ton or 50 cubic feet, vide their letter dated 11th September 1890, forwarded herewith in original. This scale has been arrived at, as will be seen from the letter, by ascertaining the actual weight and measurement respectively, of some tents with their component parts.

Enclosure.

We have the honor to acknowledge receipt of your letter No. 900/1479 of 4th instant and have to say that on taking the weight and measurement of some tents with their component parts, we find that one cwt. of these

measures

measures about 7 to 8 c.ft.

If therefore it is desired that a weight ton for these be introduced we would suggest that the scale be 7 cwts per ton, — that weight representing as nearly as possible 50 c.feet. with good packing.

7245

[19]

Reference on No. of 189

In replying the above should be quoted.

Marine DEPARTMENT.

CHIEF SECRETARIAT MADRAS

3250/4

Official Memorandum.

R No 226.

~~Read the following~~

With reference to Endorsement from the Public Works Secretary No. 316. D. dated 19th June 1890, the undersigned has the honor to forward copies of the letters marginally noted with the following remarks.

From the Supt. School of Industry. Jabalpur. No. 1179. d/ 4. 9. 90.
From the P. P. O. No. 900/449 d/ 17. 9. 90 (and of its enclosures)

It does not appear to be possible to lay down a measurement scale for camp Equipment to correspond with the weight scale prescribed in the Public Works Department Code for the following reasons:—

1. Officers are not bound to have tents of any particular make.

2. Tents are procurable from Jabalpur, Futtegkur, Elgin Mills, Muir Mills, Vellore makers in Madras &ca and it is well known that tents of equal sizes made at different places — and especially those named above — will vary very considerably in weight.

3. The measurement of tents of equal weight after folding must also vary much for one lascar will fold a tent so that it takes up only 30 cubic feet of space whereas another will pack it so that it measures considerably more.

Any

Any scale of measurement must under these circumstances necessarily be in a great measure empirical. Attention is invited to the letter of Messrs Binny & Co forwarded by the Presidency Port Officer and it is suggested that the Scale therein mentioned might be adopted. This would apparently under calculation easy as given the gross weight of tents the measurement at 7 cubic feet per ton of 50 cubic feet could easily be ascertained. It is not stated in what description of tents Messrs Binny & Co experimented but it probably was with the ordinary Madras tent. The officer in charge of the Government tent equipage might be asked to make some trials. He has the care of the tents of the Board of Revenue which are pitched here and he has any quantity of tents of the Madras make. If he weighed folded and tied samples of the two makes which constitute the extremes of weight and thickness of material he might be able to arrive at a figure which might be proposed to shipping agents for general acceptance i.e. so many cwts of tents might be taken to be equal to one measurement ton. This appears to be the only feasible arrangement and a simple one.

It is regretted that the reply to the examiner enquiry has been so long delayed. This has been the result of an attempt to devise some means of laying down a scale for different makes of tents but it was found that the makes are so numerous and the space into which they will fall so varying that the idea had to be abandoned.

Fort St. George
21st October 1890

Chief Secretary

To
The Secretary to Govt.
P. W. D.,
with copies of letters.

W.C. No. ~~10098~~ 11359

7245

No. 4368.C d/ 27 Octr/90

To C

For perusal and favour of return -

2. The suggested reference to the Officer in Charge of the Camp Equipage Depot will be made on your returning this paper -

W.C.
27.10.90

Dw

D 27 W

No. 3250 W d/ 6 - XII - 90

No. 6997 d/ 26.11.90

To

W.

Perused and returned as requested.

C.

W.C.
27/11
26/11
(Enc 2)

Rs ~~24.10.90~~
27-11-90

No. 4368 C d/ 27.10.90
" 4318 C d/ 23.10.90
" 764 D d/ 8.9.90
" 635 D d/ 18.8.90
" 316 D d/ 17.6.90

Decr 1890

PUBLIC WORKS DEPARTMENT

11359

3250/6

Note

It is submitted that all the difficulties described in the Marine Dept Memo with respect to framing a measurement scale for Camp equipment apply equally to a weight scale, & yet a weight scale has been laid down in the P.W.D. & worked for years without any difficulty or complaint.

Para 2 of the memo - This difficulty applies more to a weight scale than a measurement scale.

Last para of the memo - A varying scale for tents of different ~~tents~~ makers would be more necessary in a weight scale than in a measurement scale, & yet it has not been found necessary to

WC No. 11369 / 10098

prescribe such in the P.W. Dept. Any sort of varying scale will give rise to endless disputes & confusion.

For orders whether the suggested reference to the officer in charge of the Camp Equipage Depôt shall be made, or whether Munn's Bring & Co's scale of 7 cwts to the measurement ton of 50 cubic feet shall be adopted.

[illegible]
28.11.90

I would accept Mess. Bring's scale of 7 cwts = 50 cft on trial for 1 year.

[illegible]
25.11.90

I think it would be better to say that first do not consider it [illegible] to lay down a rule of

Dec. 1890

PUBLIC WORKS DEPARTMENT

3280/7

measurement for tents to be carried I see - such cases are not frequent, and will be still less so in future, and there is no reason to suppose that officers will purchase unseasoning tents for the sake of sending them by sea from port to port - 3 charges bore a pile paid with the fee be paid in all cases where [illegible] the carriage of tents by sea at the public expense is permitted -

[illegible]
2.0.[illegible]

No. 3250 dy 6th Dec 1890

PUBLIC WORKS DEPARTMENT

3250/8

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Offic note from the Exr P.W. Accts. N.E. No. 4032 dy 11 June 1890.
Memo in the Marine Dept. N.E. No. 226 dy 21 Oct 1890.

On a consideration of the foregoing papers the Govt. is of opinion that it is not necessary to lay down a scale of measurement for tents to be carried by sea.

2. Such cases are not frequent and will be still less so in future, and there is no reason to suppose that officers will purchase unnecessary tents for the sake of sending them by sea from port to port.

3. Charges bonâ fide incurred will therefore be passed in all cases when

where the carriage of tents
by sea at the public
expense is permitted,
without reference to the
WWB
1.12.90
weight or bulk of
the tents -

S 1.12

No. 3250 Way 6th Decr 1890

to Mr Earl Wright
Marine Dept
Dec 11/12 10/12 8/12

Cu