M.R.O. 1—77,006—8-6-37.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No. 3015 Press ~~Mis.~~

682-683

Dated 27. 9. 1867.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
27th September 1867.

No. 682. Read the following Proceedings of the Madras Government in the Military Department:—

Passing orders on the Plan and Estimate of Rupees 15,530 for the erection of Camel sheds at Bangalore. } (Here enter 18th September 1867, No. 3,543.)

No. 683. ORDER THEREON, 27th September 1867, No. 3,015.

MILITARY WORKS, No. 43.

Communicated to the Superintending Engineer of the 5th Division for early report.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Superintending Engineer, 5th Division,
„ Controller of Public Works Accounts.

Exd. S. T. Augustin.

Note by the Right Honorable the President
on Secs: of Govt: No 3543, dated 18th September
1867.

I fully recognize the expediency
of placing the Camels under Commissariat
but I am not quite satisfied that it could not be done
for less than Rupees 132 per head. I see in the
Estimates Stone in Chunnam and Lath roofing
I cannot help thinking that much might
be done with a common sort of Country build-
ing and thatch. It seems doubtful whether Camels
may not soon give way to bullocks. I would
like to have the subject talked over in Council.

(Signed) N.

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Military Building — 5th Division P.W.D. — Mew Work.

Bangalore.

Abstract of an Estimate No. of 1867/68.

Note. Constructing Canal Sheds at the Karkanah Lines Bangalore.

Number of	Description of Works	Per	Rate	Amount	Total
	One Intermediate Matt.				
66 15/16	Cft. of Excavation	Cft.	" " 1	1 " "	
66 15/16	Do. of Foundation Stone in Chunam	"	" 2 6	10 " "	
19 9/16	Do. of Basement Do.	"	" 2 6	3 " "	
165 3/4	Do. of Superstructure Stone in Do.	"	" 2 9	25 " "	
29 7/100	Squares of Pointing	Sqr.	" 12 "	2 " "	
50 3/4	Do. of Gravelling	"	1 " "	1 " "	
6 3/4	Cft. of Cornice work	Cft.	" 4 6	2 " "	
12-8-"	Cft. of Teakwood wrought & put up	Cft.	3 8 "	44 " "	
1 13/100	Squares of Roofing with teak rafters Nails, flat tiles pantiles with Chunam borders	Sqr.	15 " "	21 " "	
28	Cft. of Filling the basement (in mixture)	Cft.	" " 2		
62 9/16	Do. Do. Do. (in close)	"	" " 1/2		
4	Nails 9" Long	Each	" " 9	2 " "	
4	Do. 8" Do.	"	" " 8		
30	Ramp in front including gravelling	Cft.	" " 6		
1	Iron Ring to be fixed in Stone to tie Cattle	Each	3 8 "	4 " "	
1 13/100	Squares of wood oiling two coats	Sqr.	2 " "	2 " "	
	Total Rupees for one Intermediate Matt			120 " "	

One End Statt.

134 9/16	C^ft of Excavation	C^ft	"	. 1	1	..
134 9/16	Do of Foundation Stone in Chunam	"	.	26	21	..
46 3/4	Do of Basement Do	"	"	26	7	..
180 3/4	Do of Superstructure Do	"	.	29	32	..
7 4/100	Squares of Painting	100	.	12	6	..
71 1/16	Do of Gravelling	"	.	1	1	..
26	R^ft of Cornice Work	R^ft	"	61	7	"
12 11-9	C^ft of Teakwood wrought and put up	C^ft	.	3	5.	45 ..
1 43/100	Squares of Roofing with teakwood rafters, battens, Flatrunners and tiles with Chunam bonds	100	.	15	.	26 ..
144	C^ft of Filling the basement in clay	C^ft	.		.	2 ..
4	Nails 9" Long	Each	"	.	9	
4	Do 8" Do	"	"	"	8	
35	Rough cast front including gravelling	C^ft	"	"	6	
1	Iron Door to be fixed in stone to the Ground	Each	3	8.	4	..
1 Nos	Square of Wood Celling two coats	100	.	2	.	2 ..

Total Rupees for One End Statt — 205 .. .

One Block of 30 Statts.

28	Intermediate Statts	Each	120	.	3360 ..
2	End Statts	"	205	.	410 ..
1	Washing Board	"	5	.	5 ..
1	Inventory Do	"	1	.	1 ..
	Levelling the Ground	"	.	.	10 ..
					3786 ..
	Sundries				194 ..

Total Rupees for one Block of 30 Statts — 3980

Carried forward — 3980

Brought forward — 3980

One Block of 29 Statts.

27	Intermediate Statts	Each	120	.	3240 ..
2	End Statts	"	205	.	410 ..
1	Washing Board	"	5	.	5 ..
1	Inventory Do	"	1	.	1 ..
	Levelling Ground				10 ..
					3666 ..
	Sundries				184 ..
	Total				3850 ..

Total Rupees for 3 Each Blocks — 11550 .

Total Amount of Estimate Rupees — 15530 ..

Ex Engrs Office
Bangalore
5th July 1867

Lt J. Pennycuick Lieut R.E.
Executive Engr Bangalore

By Order
Lt W.R. Needham Captn
Dy Asst Qr Mr Genl

Wm Lieut Colo R.E.
Superintg Engineer 5th Division

Abstract of an estimate for
Contracting Camel Sheds
at the Karkhana Lines
Bangalore.

Rupees 15,530

Amount of Estimate Rupees 15,530.

Public Works Dept.
Bangalore

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MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

From the Under Secy. to Govt., Public Works Dept. Here enter 8th August 1867.
From the Acting Commissary General..... ,, 29th ,, ,, No. 3744.

From the Superintending Engineer, 5th Division, Bangalore, 6th August 1867, No. 90; to the Secretary to Government, Department Public Works.

With reference to G. O. No. 22 of the 4th January 1867, I have the honor to submit, for the sanction of Government, a revised estimate of Rupees 15,530, accompanied by a plan and specification, for constructing camel sheds at the Karkhana lines at Bangalore.

Enclosures.
1 *Plan.*
1 *Abstract estimate.*
1 *Specification.*

2. The estimate provides for three buildings, which are to contain each 29 stalls, and a fourth containing 30 stalls, making the number of stalls 117, at an average cost of Rupees 132 for each stall.

3. The plan and estimate have been approved of by His Excellency the Commander-in-Chief.

Referred to the Military Department, with the remark that the whole of the current year's allotment under "Military" has been appropriated.

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under. Secy. to Govt., P. W. D.

8th August 1867.

Referred to the Commissary General for remark.

14th August 1867.

From the Acting Commissary General, Madras, 29th August 1867, No. 3744; to the Secretary to Government, Military Department, Fort Saint George.

I have the honor to return the plan of the camel sheds proposed to be erected at Bangalore, together with correspondence forwarded to me for remark on the 14th August 1867.

2. I sent the above to the Executive Commissariat Officer at Bangalore for report, and beg to submit, herewith, his reply, in which he states that the sheds will answer well, but urges the necessity for the early erection of at least one or two of the buildings, so that shelter may be provided for the sickly and weak animals of the allotment now at Bangalore, and, concurring with the Officer in this respect, I would strongly recommend that even one set of the stables should be run up as quickly as possible, for the climate of Bangalore, during the cold weather especially, is particularly trying to this delicate animal.

No. 650 of 20th August 1867.

From the Deputy Assistant Commissary General, Bangalore, 20th August 1867, No. 650; to the Commissary General, Madras.

In returning the plan, specification and estimate for camel sheds at Bangalore, received with your docket memorandum, No. 3385 of 15th August 1867, I have the honor to inform you that I consider the sheds well suited for the purpose for which they are intended.

2. But, with reference to the endorsement of the Secretary to Government, Public Works Department, mentioning a difficulty regarding funds, I beg to express a hope that some means may be devised of providing, during the present year, a portion at least of the sum that will be required for this work.

3. I need hardly point out that the absolute necessity of providing shelter for these animals must not be measured solely, or even chiefly, by the number of casualties which have occurred amongst them (although these have been heavy) but rather by the general want of stamina, and great weakness of constitution, produced in such a delicate animal as the camel by constant exposure to extremes of temperature.

4. This is very marked in the case of young animals, of which there must of necessity be a proportion in every Karkhana. These if well cared for, and carefully sheltered, soon fill out, and become strong and large cattle; but with the present want of shelter, it has been found that all the care and trouble bestowed on their feeding and grooming is quite thrown away, and I fear that the constitutions of a large number of our cattle have already received such a check that, unless shelter is speedily provided, they will be permanently stunted, and their vigour irretrievably impaired.

5. I trust, therefore, that funds may be provided for at least one or two of the four sheds required.

ORDER, No. 3543, 18th September 1867.

Ordered that the estimate for camel sheds at Bangalore be returned to the Department Public Works,* in view to its being ascertained and reported whether sufficiently substantial buildings cannot be erected by using less costly material, and substituting brick or stone in *mud* instead of chunam, and jungle wood for teak.

* *With copy of note by the President.*

(True Extract.)

A. Macmillan *Colonel,*
Deputy Secretary to Government.

To the Public Works Department, with plan, estimate and specification, and copy of President's note. 4 + 20 Spare Copies
,, Commissary General, with an enclosure.
,, Quarter Master General.
,, Controller of Military Accounts.

Dict. Endorsement
Retained in the Office

Forwarded for the
kind Examination &
Report the Museum
return.
M.

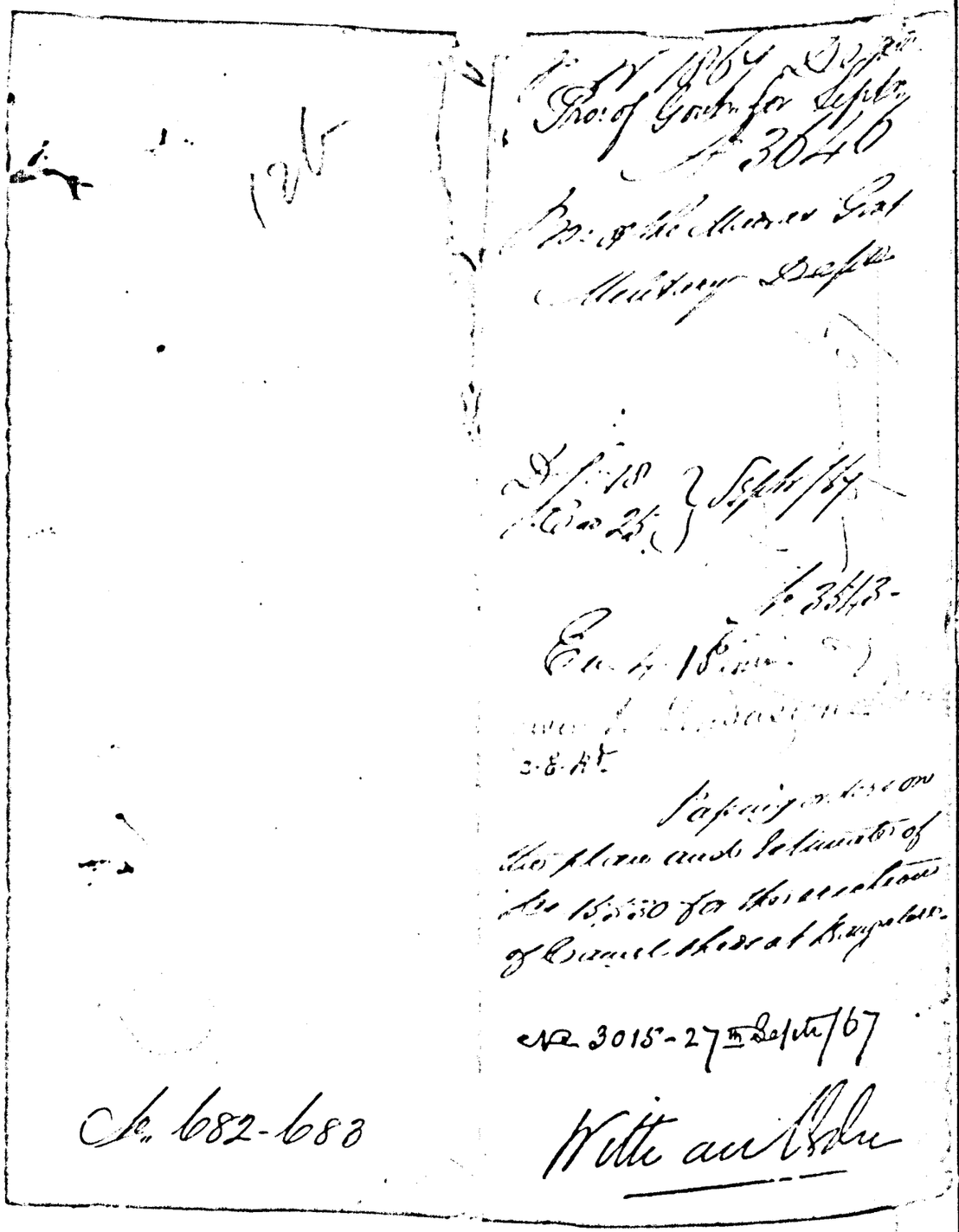
Sent 28th Sept 1867

Recd 30/9/67

Engd. A. W. Cooke.

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3. I need hardly point out that the absolute necessity of providing shelter for these animals



No. 682-683