M.R.O. 14—13,000—27-9-24.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 226 — Press ~~Mis.~~

263.204

Dated 12 — 12 — ~~19~~ 1863

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department, 12th December 1863.

No. 203. Read the following Proceedings of the Madras Government in the Military Department:—

Passing orders on the subject of Timber supply for the Ordnance Department. } (Here enter 7th December 1863, No. 3,882.)

No. 204. ORDER THEREON, 12th December 1863, No. 2,265.

Communicated to the Board of Revenue and Acting Conservator of Forests.

(True Extract.)

(Signed) C. G. MASTER,
Deputy Secretary to Government.

To the Board of Revenue,
„ Conservator of Forests, } with Proceedings Military Department, No. 3,882.

Exd. T. T. Augustin.

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

From the Officiating Inspector General of Ordnance and Magazines, Fort Saint George, 24th September 1863, *No.* 113; *to the Secretary to Government, Military Department.*

With reference to the Order of Government, Military Department, No. 53, dated 4th January 1856, paragraph 3, I have the honor to forward herewith, copy of the Report of the Officiating Superintendent Gun Carriage Manufactory on the supplies of Timber received during the official year 1862-63.

2. In submitting this Report, I deem it necessary on the present occasion to lay before Government a few observations on the subject of the supply of Timber as well for the Ordnance as for other public Departments, and in doing so, I do not think I can do better than repeat here what I recently stated to the Controller of Military Finance.

3. The descriptions of Timber generally required by the Ordnance Department and the Gun Carriage Manufactory specially are as follows:—

Teak.	Saul.
Trincomallee.	Peddowk.
Satin.	Peemah.
Rosewood.	

4. The allotments required to be maintained in stock of the abovementioned descriptions of Timber at the Gun Carriage Manufactory is, of

Teak...	... cubic feet 36,000	Rose...	... cubic feet 9,000
Peddowk...	„ 25,000	Trincomallee...	„ 8,000
Saul... ...	„ 24,000	Satin...	„ 4,000
Peemah ...	„ 12,000		

5. These allotments are only averages of past years when there were no great alterations being carried out in structure or pattern, but at the present time, when all Carriages hitherto in use will have to be assimilated to the Royal Artillery Pattern, and when others will have to be constructed specially for Armstrong Ordnance, and when Brass Naves may have to be replaced by wooden, it is not unlikely that all the above allotments will have to be revised and considerably increased to meet the demands on the Gun Carriage Manufactory.

6. In order to maintain the abovementioned allotments, the annual requirements of the Gun Carriage Manufactory are on an average

Teak...	... cubic feet 32,000	Peemah...	... cubic feet 4,000
Peddowk.....	„ 5,000	Rosewood.....	„ 3,000
Saul... ...	„ 4,000	Satin... ...	„ 2,000

7. Of these descriptions of Timber, I am of opinion that Teak Timber of a better quality than that procurable in Burmah, can be obtained from the Travancore* Circar. I have been informed that large supplies of Malabar Teak are obtained by the Madras Railway Company, and I doubt not, that, if the same encouragement is held out as is afforded by the Railway Company to the trade, the wants of the Ordnance Department will be easily met. An offer has already been received, and the Commissary General will be requested to take the necessary measures for procuring supplies. If these measures prove successful, I feel confident that our demands on Pegu for Teak will be considerably reduced.

**Vide Proceedings of Government of India in the Financial Department, No. 3003, dated 6th July* 1863, *recorded in Proceedings of Government, Military Department, No. 2491, dated 30th July* 1863.

8. Of the other descriptions of wood, Rosewood and Saul can be procured through the Conservator of Forests, Madras; Pegu Teak, Peddowk and Peemah through the Conservator of Forests in British Burmah, while Trincomallee and Satin are obtainable in the local market.

9. At present there are in Burmah and the Northern Division the following supplies available which have been laid in by the Commissariat Department

MOULMEIN.

		Cubic Feet.
"Ends Logs"...	Ends 47, Pieces 63	688
Timber Teak...	...	... 6,662
„ Peddowk...	... ...	... 537
„ Engyueen...		... 616

NORTHERN DIVISION.

	Cubic Feet.
Poonookoo, (believed to be Saul wood)...	... 1,300
Teakwood Beam... ...	No. 3

10. It will be observed that there is no Peemah at all available. This is a description of wood which is peculiarly adapted for Felloes of Ordnance Carriages. The Stock at the Gun Carriage Manufactory is fast becoming exhausted, in consequence, as reported by the Superintendent, "of the inferior quality of the logs, some of which, though presenting a good outside appearance, "on cutting up are found to be entirely rotten inside, and quite unfit for any work." I have brought this circumstance to the notice of the Commissary General and urged immediate steps being taken for meeting the demand for this particular description of Timber; as, in failure thereof, Teakwood will have to be resorted to for the purpose indicated above, a circumstance to be by all means avoided, as Teak is not adapted for Felloes.

11. It is however right that I should mention that the Commissary General, in a recommunication, stated, that in a private letter received by him from Major Benson, it would appear that the greatest difficulty has been experienced this season in procuring heavy woods such as *Enavueen* and *Peddowk*.

12. I would further beg to observe that as the Ordnance Department has at present no special agency for obtaining Timber, the Commissariat Department seems, under all circumstances, the best medium through which supplies should be obtained.

13. With regard to such Timber as can be obtained in India,* Tenders should be called for by public advertisement, and supplies contracted for, subject to examination by an Ordnance Officer; but with respect to those which can only be procured in Burmah, it seems advisable, in order to obviate the heavy loss that would be occasioned by the rejection at Madras of Timber imported from Burmah, that the Superintendent Gun Carriage Manufactory should depute to Burmah the most reliable and best qualified Officer of the Department under his charge, together with a Foreman, for the purpose of selecting and passing the Timber, and having it reduced to such sizes as will admit of its ready shipment to Madras. At the present moment there are certain logs, among those alluded to in paragraph 8, both in Moulmein and Damrah, in the Northern Division, of such dimensions that Captains of Vessels cannot be induced to take them as Freight, and the Commissary General has requested that competent persons may be sent to select those logs, and to render them capable of transhipment to this Port. Thus the necessity for the arrangement proposed in paragraph 12 will be apparent.

* *For the Ordnance Department.*

14. It is not deemed advisable to cut up Timber in Burmah into half wroughts previous to shipment, for generally speaking the Timber procured in that country is not, at the time, thoroughly seasoned, and unless perfectly will for use, Government will suffer a great loss by the adoption of the above method.

15. I have therefore now to request the sanction of Government to the arrangements proposed by the Commissary General, in respect to the Timber now being in Moulmein and Damrah.

16. I would also beg to state that it is essentially necessary, in order that Government may be able to obtain supplies at the same, or nearly the same rate as other consumers, that

competition on the part of Departments for Timber in the several markets of supply be avoided; and to this end I beg to recommend that all Departments requiring Timber furnish the Commissary General annually and at proper periods, with Lists of their probable demands, so that Contracts may be made for all Departments at once; a course which will most undoubtedly tend to keep down prices, and ensure the services of Contractors with capital, who will be induced to undertake the supplies by the large quantities of Timber that will be called for at one time.

17. The points on which the orders of Government are solicited, are

1st. Whether the Commissariat Department shall be the sole purchasing Department for the supply of Timber.

2nd. Whether a trustworthy Officer, from the Gun Carriage Manufactory, accompanied by a Foreman, may be despatched, at such time as may be necessary to Burmah, for selecting Timber.

From the Officiating Superintendent Gun Carriage Manufactory, Madras, 17th August 1863, *No. 724; to the Inspector General of Ordnance and Magazines, Fort Saint George.*

In accordance with the Order of Government conveyed in Extract* Minutes of Consultation paragraph 3, dated 4th January 1856, I have the honor to forward for the information
No. 53. of Government, a Statement of Timber received during the official year 1862-63, containing the particulars called for.

2. In the preparation of the annual Lists of demands on the Commissariat Department for articles required for the use of this Manufactory, the strictest economy is invariably observed and the quantities entered are the lowest considered admissible, and are consequently expected to be supplied during the year for which they are required, as any balance
†10 *November* 1860. due cannot, agreeably to your Circular Order, No. 55† be received after the expiration of that year and every occasion of non-supply of the articles included in the annual Lists, causes a reduction of the Stock in store.

3. In my List for 1862-63, the Timber noted in the margin was included, but only partly supplied, consequently I am obliged to include in the List of demands for the year 1864-65 more Timber than the usual proportion

Timber Teak, Pegu...	...	*Cubic feet*	8,000.
Do. Peddowk...	...	„	6,000.
Do. Saul...	...	„	4,000.
Do. Peemah...	...	„	2,500.
Do. Rose...	...	„	2,000.

4. For the last two years 1861-62, and 1862-63, the Commissariat has not supplied this Manufactory with any Peemah Timber, although 5,000 cubic feet of it were included in the Lists of demands for those years, and none of this description of Timber is yet forthcoming for the current year, as this is the only Timber used for Felloes of Light Field Wheels, I have run very short of it, and from the following Statement it will be observed to what a great extent the Stock is reduced below the allotment. Saulwood has also been very scantily supplied by the Commissariat, which may cause serious inconvenience.

STATEMENT.

Description of Timber.		Allotment.	Remaining in Store, 12th August 1863.	Difference.
Teak	Cubic feet...	36,000	27,957	8,043
Peemah	„	12,000	6,467	5,533
Peddowk	„	25,000	27,664	
Saul	„	24,000	8,763	15,237
Trincomallee	„	8,000	7,812	188
Rose	„	9,000	10,706	
Satin	„	4,000	1,557	2,443
	Total cubic feet...	118,000	90,926	31,444

Statement of Timber received from the Commissariat Department for the use of the Gun Carriage Manufactory, during the official year 1862-63.

Description of Timber.	Quantity received.		Source from whence obtained.	Price per cubic foot.		Total cost.		Uses to which the Timber is applicable. Good. Fit for the purposes to which they are applicable.	Quality of the Timber.	Remarks.
	C.-Ft.	I. P.		Rs.	A. P.	Rs.	A. P.			
Timber, Rose... ...	448	6 ¾	Annamallay Forests.	3	2 9 100	1,423	8 11	For Light Field Beams, Cheeks, Axle-cases, Braces, Perches, Poles, Splinter-bars, Waggons, Perches and framing Spokes and Felloes Light Field.		
Do. do.	1,150	5 3		3	4 3 100	3,791	11 1			
Do. do.	445	6 4¼		3	0 8 100	1,355	15 8			
Timber Teak, Pegu.	2,518	5 9¼	Moulmein.	1	14 3 100	4,765	6 11	For all parts of Light Field Carriages, (except the Beams) Waggons and their Limbers (except Poles and Splinter-bars,) as well as Heavy Field and Garrison Carriages, Garrison Traversing Platforms and Gun and Mortar Platforms and all parts of Heavy and Light Mortar Cart Stores (with the exception of Poles and Splinter-bars,) Platform Line and water Carts, Gins and Wheelwork, Heavy Field Ammunition Boxes, Transport Carriages and Limbers.		
Do. do. do.	11,320	1 6		2	0 3	22,817	2 1			
Timber, Peddowk.	1,704	0 1¼	Do.	1	15 6	3,354	12 5	For Light Field Beams, Cheeks, Axle-cases, Perches, Poles, Limber framing Waggons, Perches and Traming Heavy Field Cheeks		
Do. do. ...	2,721	10 3		2	0 3	5,486	3 10	Transoms, Axle-cases, Handspikes, Poles, Braces, Traming, &c., all		
Do. do. ...	873	5 11		1	9 11 187 1000	1,416	9 11	parts of Garrison Carriages, Garrison Traversing Platforms, as well as Gun and Mortars, Platforms, Transport Carriages and Limbers, and Cart-work of all sorts Wheels Heavy and Light Field.		
Timber, Saul... ...	362	4 4	Do.	1	15 2	705	13 6	For Beams of Gun and Howitzer Carriages, Light Field Axle-cases		
Do. do.	1,348	4 9		2	0 3	2,717	13 9	of all kinds, all parts of Carts, Transport Carriage, Cheeks, Hand-		
Do, do.	1,623	0 3		1	9 9 100	2,612	2 1	spikes of all sorts, Perches of Waggons, Poles, short Perches, Braces, Traming and Splinter-bars of Limbers Gun and Waggon, and framing of all Carts.		
Timber, Pethan...	79	10 11½	Do.	2	6 5¼	192	1 4	For experimental purposes.		
Do. Bamboay..	87	2 11½		2	6 5½	209	11 3	Do.		
Do. Pawoon...	76	5 11¼		2	6 5½	183	13 11	Do.		
Do. Seet... ...	126	2 2¾		2	6 5½	303	4 11	Do.		
Timber, Trincomallee.....	6,810	1 9	Purchased at Madras.	0	14 11¼	6,357	14 6	For Light Field Splinter-bars, Foles, Pole-rests, Waggon, Handspikes, Wheel-props, &c., Heavy Field Poles, Handspikes, Splinterbars, Pole-rests Garrison Carriage Handspikes, Poles of Carts Sick Cart, framing Spokes, Yokes, &c., and Shafts.		
Total...	31,705	2 43				57,693	8 8			

(Signed) T. H. CAMPBELL, Lieut.-Colonel,
Offg. Supt. Gun Carriage Manufactory.

GUN CARRIAGE MANUFACTORY,
MADRAS, *17th August* 1863.

With Reports from the Controller of Mily. Finance, 24th Oct. and 13th Nov. 1863, *F and B.*

From the Inspector General of Ordnance and Magazines, Fort Saint George, 30th November 1863, *No.* 166; *to the Secretary to Government, Military Department.*

I have the honor, with reference to the letter from this Department, No. 113, dated 24th September 1863, paragraph 9, to state that the Commissary General has informed me that the pieces of Poonookoowood, believed to be Saul wood, are nothing more than billets used as supports under Arrack and Porter Casks to preserve them from white ants, &c.; and I beg, under these circumstances, to annex in the margin a fresh Statement received from the Commissary General, shewing the number of Saul logs and the places where they are stored in the Northern Division.

	No. of Logs.	
	Serviceable.	Unserviceable.
At Ganjam.....	186	
In the Goomsoor Forests.....	67 82	19
At Damrah...		
Total Logs...	335	19

ORDER, No. 3882, *7th December* 1863.

The Governor in Council concurs in the opinion expressed by the Controller of Military Finance, in his letter, dated 24th October last, that the supply of Timber requiring to be purchased for the Ordnance Department should be obtained by Contract, with a direct delivery to that Department.

2. The general principles proposed in paragraphs 6 and 7 of the same letter are approved, and authority is granted for an advertisement and form of Tender for the supply of the required Timber being prepared, [illegible] submitted to Government.

3. There is probably a sufficient quantity of good Malabar Teak, &c., in hand to supply the wants of the Gun Carriage Manufactory for some years, and due consideration should be given to this in drawing up any specification of the Timber to be obtained by Contract. The Inspector General of Ordnance will communicate with the Conservator of Forests for the purpose of ascertaining what portion of the Timber required is procurable from the Government Depôts or from the Forests in India, and as to the means that should be adopted for effecting the delivery of the same. Requisitions for Annamallay Teak will be subject to the final result of the offer of that Teak to the Admiralty.

Rev. Pro. 12th August 1863, *No.* 1484, *para.* 19.

4. With regard to the Timber laid in by the Commissariat Department, at Moulmein, and at Damrah in the Northern Division, mentioned in paragraph 9 of Lieutenant Colonel Barrow's letter, Government desire to be furnished with a statement shewing the quantity and description of the whole of the Timber referred to, and information on the following points:

1st. When the Timber was purchased, where and how it has been stored, and what its apparent condition and probable value are.

2nd. Whether qualified persons cannot be detailed from the Ordnance Department, in the Pegu and Northern Divisions respectively, for the purpose of selecting the logs suitable for the Gun Carriage Manufactory, reducing such as may be necessary to the sizes admitting of ready shipment and selling the rest.

3rd. The probable cost of deputing a qualified person to Burmah and the Northern Division for the above purpose.

5. The Inspector General of Ordnance will, in communication with the Commissary General, furnish the information called for, forwarding his report through the Controller of Military Finance.

(True Extract.)

Secretary to Government.

To the Inspector General of Ordnance.
„ Controller of Military Finance.
„ Commissary General.
„ Government Solicitor.
„ Public Works Department.
„ Examiner of Ordnance Accounts.
„ Examiner of Commissariat Accounts.
„ Examiner Pay Department.
„ Military Accountant.

Rec: Dept: for information with reference to Para 3 of Order.

No. 2265.
Communicated to the Military Auditor General
Adjt. Quarters 12th Dec. 1865
Exd. T. Stubbs.

Pro. 12 Aug.t 1/63 Nos. 102-3

Rev: 1863
Pro: of Govt for Decr
No. 3028.

Proceedings of the
Madras Govt. in
the Military Dept.

Dated 1st 3 Decemr
Received 10th 2 1863.

No. 3882.

Copying orders on
the subject of Timber
supply for the Ordnance
Department.

No. 2265. 11 Decr

William Brider

No. 203 & 204.