

Gobt. of (1881) Madras.
FINANCIAL.

To ALL HEADS OF DEPARTMENTS.

N^o 2438 W of 4th Oct/87.

Communicated to
the Genl Supt P.W. Stores,
and the Supt Madras
Harbor Works.

(Sd) J.S.

Dated September, 14th.

Issued

Recd.

Encl.

G.O., 14th September No. 1727.

SEPTEMBER

B N^o 2438 W of 4th Oct/87.

Stores — Communicating Resolution of Govern-
ment of India detailing the articles which should
be procured of Indian manufacture.

With order

Genl. Supt P.W. Stores
Supt. M. H. Works

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

14th September 1881, No. 1727.

Stores.

Read the following paper :—

Proceedings of the Government of India in the Department of Finance and Commerce (Stores), dated Simla, 1st September 1881, No. 2777 [Current No. 2476].

Read again the undermentioned papers regarding the supply of stores required for the public service :—

Financial Resolution, No. 3574, dated 3rd November 1880.	
" " " 953, " 10th June 1881.	
" Circular, " 220, " 28th April 1881.	
" " " 621, " 14th May 1881.	

Read also—

Letter from the Government of Bengal, No. 689, dated 4th August 1881, enclosing lists of European stores supplied for the public service in the Lower Provinces of Bengal for 1879-80 and 1880-81.

RESOLUTION.—In the Resolutions cited above, the Government of India declared that it is expedient to substitute for European stores articles of *bona fide* Indian manufacture wherever it is possible to do so without inconvenience or extra expense ; and, in order to ascertain to what extent or in respect to what articles the decision of Government could be made applicable, returns were called for from the several Departments and Local Governments showing all European articles obtained from England and purchased in the local market during the last two years. Such a return is now submitted by the Government of Bengal.

2. From this return a list has been prepared, and is appended to this Resolution, showing the articles which, on the information before the Government of India, it is possible to obtain of Indian manufacture. The Governor-General in Council accordingly requests that His Honor the Lieutenant-Governor will be good enough to issue definite instructions to all the departments concerned to institute inquiry as to the cheapest and most convenient way of obtaining in future regular supplies of such goods, of Indian manufacture, as well as of any other goods which in the course of inquiry it may be found feasible to add to the list. In order to give to manufacturers that confidence in the existence of a permanent and steady demand, without which they cannot reasonably be expected to spend time and money in the manufacture of new classes of goods, the Governor-General in Council will be prepared to approve of contracts made by the Local Governments for a term of, say, five years, based on the equivalents of the average cost in the year 1880-81 of the articles entered in the list, laid down in Calcutta.

3. As regards articles of stationery and printing, orders have already been issued in the Resolutions marginally noted, published in the *Gazette of India* of the 23rd July and 13th August 1881.

No. 1923, dated 22nd July 1881.
" 2302, " 12th Aug. "

A few additional articles of stationery have been inserted in the appended list, such as erasers and scissors, which can be made in the Aligarh Postal Workshop and by private ironworkers, and blue tape, which, like red and white tape, should be obtained from the Indian cotton mills.

Balances, weights, butchers' knives, iron and brass locks and padlocks are procurable from the Rurki Workshop, the Aligarh Postal Workshop, and no doubt can be made elsewhere.

Shovels, hammers, cast-iron pulleys, buckets, kodolies, spades, forks and other gardener's tools can also similarly be obtained of Indian manufacture. The manufacture of cement is now an established industry, and the article should not again be indented for.

Linseed-oil, boiled, should be obtained of Calcutta manufacture, either from the Gourepore mills, where it is made of good quality, or elsewhere.

Good serge is now being woven at the Cawnpore Woollen Mills, and measures should be taken to obtain supplies of all the cotton fabrics mentioned in the manner prescribed in paragraph 2 of Resolution, No. 2301, of 12th August 1881.

ORDERED that the foregoing Resolution be communicated to the Government of Bengal and to the other Local Governments and Administrations.

Ordered, also, that it be published in the *Gazette of India*.

(Signed) J. E. O'CONOR,
Asst. Secy. to the Govt. of India.

ENCLOSURE No. 1.

Names of Articles.	1879-80.		1880-81.		TOTAL.	
	Rate.	No. or Quantity.	Rate.	No. or Quantity.	Rate.	No. or Quantity.
STATIONERY STORES.						
<i>Writing Materials.</i>						
Erasers, common	4 2 0 per doz.	413 doz.				
Scissors, large	9 4 0 each.	90 "				
Do.	1 12 0 each.	1 No.				
Do.	2 4 0 "	2 "				
Do.	5 4 0 per doz.	85 doz.				
Do.	1 4 0 each.	10 No.				
Do.	0 14 0 "	1 "				
Do.	1 0 0 "	2 "				
Do.	1 12 0 "	2 "				
Do.	2 0 0 "	2 "				
Do.	1 11 0 "	1 "				
Blue tape	1 0 0 per 100 yds.	23,400 yds.	2 0 0 per 100 yds.	500 yds.	10 0 0	
White tape			0 14 0 "	11,652 yds.	101 15 3	
			0 12 0 "	19,500 "	146 4 0	
			1 14 0 "	600 "	11 4 0	
						55,152 yds.
						493 7 3
Miscellaneous Articles.						
Brass clasps, P. 1 to 4	8 12 6 per 1,000	20,000 No.				
Stores for Behar Opium Laboratory Department.						
Balance	£ s. d.					
Set of weights	16 0 each.	1 No.				
Balances, 8-inch	3 12 "	1 set.				
Set of weights	4 10 "	4 No.				
Shovels	1 14 "	1 set.				
	0 6 "	2 No.				
Behar Opium Factory Department.						
Hammers, handled						
Behar Agency, Sudder Godown Department.						
Butchers' knives, 8-inch	Not given.	1 doz.				
Butchers' knives	9 0 0 per doz.	1 "				
Linseed oil, boiled	2 12 0 per gal.	5 gals.				
One iron drum for ditto	2 8 0 each.	1 No.				
Linseed oil, boiled	2 10 0 per gal.	10 gals.				
	0 8 6 packing charges.					
Smith's hammers, three	0 6 0 per lb.	10½ lb.				
Brass lower drawer lock, 2-inch	1 8 0 each.	6 No.				

Names of Articles.	1879-80.			1880-81.			TOTAL.		
	Rate.	No. or Quantity.	Total Cost.	Rate.	No. or Quantity.	Total Cost.	Rate.	No. or Quantity.	Total Cost.
<i>Behar Agency, Sudder Government Department—continued.</i>									
Bornx	0 8 0 per seer.	4 chittacks.	0 2 0	1 0 0 per seer.	1 seer 1 chittack	1 1 0	RS. A. P.		RS. A. P.
Galvanized buckets, 12-inch	..	..	..	18 0 0 per doz.	1 1/2 doz.	27 0 0	..	4 doz.	105 0 0
Lamp black	..	..	..	0 5 0 per lb.	14 lb.	4 6 0	..	1,200 sheets	400 0 0
2 1/2 brass cocks with several ends for gas pipe.	..	..	..	3 0 0 each.	2 No.	6 0 0	..	200 "	34 6 0
do.	..	..	..	2 8 0 "	1 "	2 8 0	..	40 lb.	11 14 0
Copal varnish	..	..	..	12 0 0 per gal.	1 gal.	12 0 0	..	12 No.	27 12 0
Iron padlocks to open with 1 key	..	..	..	13 0 0 per doz.	22-1/6 doz.	290 14 8	..	2 lb.	2 13 0
Sewing twine	..	..	..	1 0 0 per lb.	10 lb.	10 0 0	..		
2 1/2 brass lever almirah locks	..	..	..	1 12 0 each.	3 No.	5 4 0	..		
<i>Behar Agency Saw Mill and Chest Department.</i>									
Linseed oil, boiled, 2 drums	2 10 0 per gal.	10 gals.	27 0 0	9 8 0 per barrel.	29 barrels	364 14 0	..		
Cement	..	..	..	2 8 0 each.	3 No.	7 2 0	..		
Shovels	..	..	..	8 4 0 "	2 qrs. 18 lb.	76 9 0	..		
Brass padlocks	..	..	..	8 4 0 "	2 qrs. 4 lb.		..		
Do.	..	..	..	65 0 0 each.	one.		..		
New cast iron pulley, 3 feet X 12 inch broad, 3/4 bore turned and key way cut.	..	..	..				..		
<i>Benares Agency, Ghazipur Opium Factory.</i>									
Iron padlocks	2 0 0 each.	2 doz.	52 8 0	2 0 0 each.	2 doz.	52 8 0	..	4 doz.	105 0 0
Double block tin	0 5 0 per sheet.	600 sheets.	200 0 0	0 5 0 per sheet.	600 sheets.	200 0 0	..	1,200 sheets	400 0 0
Single tin	0 2 6 "	100 "	17 3 0	0 2 6 "	100 "	17 3 0	..	200 "	34 6 0
Twine	0 4 0 per lb.	20 lb.	5 15 0	0 4 0 per lb.	20 lb.	5 15 0	..	40 lb.	11 14 0
Brass locks for drawer and boxes	2 0 0 each.	6 No.	13 14 0	2 0 0 each.	6 No.	13 14 0	..	12 No.	27 12 0
Leather, English	1 5 0 per lb.	1 lb.	1 6 6	1 5 0 per lb.	1 lb.	1 6 6	..	2 lb.	2 13 0
<i>Royal Botanical Gardens, Howrah.</i>									
Spades, digging	..	No.	..	..	..	..	..		
Forks, 5 pronged	..	12	..	..	..	..	..		
Iron rakes, 9-inch	..	12	..	..	..	..	..		
Do. 12-inch	..	12	..	..	..	..	..		
Knives, pruning	..	12	..	..	..	..	..		
Do. cutting	..	12	..	..	..	..	..		
Do. budding	..	12	..	..	..	..	..		
Shears, hedge	..	6	..	..	..	..	..		
Pickaxes	..	2	..	..	..	..	..		
Axes	..	3	..	..	..	..	..		
Terracotta plant markers	..	12	..	..	..	..	..		
Do. 11	..	1,500	..	..	..	..	..		
Do. 16	..	1,500	..	..	..	..	..		

Do. 20	..	1,500	..	£ s. d.	5 No.	13 8 0 per doz.	810 0 0
Do. 21	..	1,500	..	27 7 0	4 "	4 8 0 each.	93 3 3
A set of chain barrows	..	1	..	..	5 "	3 4 0 "	3 8 0
Wire baskets for plants with chain, 24-inch.	..	4	..	..	7 "	3 8 0 per pair	7 8 0
Do. 18 "	..	4	..	..	..	16 0 0 "	16 0 0
Do. 15 "	..	2	..	..	..	..	..
Do. 12 "	..	36	..	..	..	..	..
Do. without chains, of sizes	..	100	..	..	..	..	..
Kodolies, Griffin's	..	50	..	..	..	..	..
Do. Bengal pattern	..	6	..	..	..	..	..
Watering-pots, 3 gallons	..	2	..	..	..	..	..
Do. 2 do.	..	6	..	..	..	..	..
Garden rollers	..	2	..	..	..	..	..
Scythes	..	..	..	..	..	..	..
Padlocks	..	..	..	..	..	..	..
<i>Cinciona Plantations and Manufactory.</i>							
Sickles	..	..	..	..	..	..	..
Watering cans, 4 gallons	..	..	..	..	..	..	..
Do. 2 do.	..	..	..	..	..	..	..
Tinsmith's shears	..	..	..	..	..	..	..
Spirit level	..	..	..	..	..	..	..
Plough plane	..	..	..	..	..	..	..
<i>Supplied by the Marine Department.</i>							
Animal charcoal	..	..	..	..	..	..	..
Kodolies	..	..	..	..	..	..	..
Do.	..	..	..	..	..	..	..
Iron jumpers	..	..	..	..	..	..	..
Do. crowbars	..	..	..	..	..	..	..
Lead tubing	..	..	..	..	..	..	..
Sickles	..	..	..	..	..	..	..
Watering cans	..	..	..	..	..	..	..
<i>Bengal Secretariat Press.</i>							
8 to pica brass rules, 24-inch	..	..	..	..	..	..	..
Brass rules	..	..	..	..	..	..	..
<i>Bengal Police.</i>							
Blue drill	..	..	..	..	..	..	..
Grey cotton dhooties	..	..	..	..	..	..	..
Blue serge	..	..	..	..	..	..	..
American drill (unbleached)	..	..	..	..	..	..	..
Red saloo	..	..	..	..	..	..	..
American drill (bleached)	..	..	..	..	..	..	..
Blue cloth	..	..	..	..	..	..	..
Cotton drill	..	..	..	..	..	..	..

(Signed) J. E. O'CONNOR,
Asst. Secy. to the Govt. of India.

FINANCIAL DEPARTMENT, 14TH SEPTEMBER 1881, No. 1727.

ORDER THEREON, 14th September 1881, No. 1727.

Communicated to all Heads of Departments.

(True Extract.)

J. J. Davis

Ag. Under Secy
Chief Secretary.

To all Heads of Departments.

Public Works Department

Exd. J. Wright.

3022

P. H. C. No 55-69
Govt. of (1881) Madras.
FINANCIAL.

To
ALL HEADS OF DEPARTMENTS.

Dated September, 14th.

Issued

Recd. 29. Sep. 81

Encl.

G.O., 14th September, 1881, No. 1727.

SEPTEMBER.

No. 2438 W of 4th Oct. 1881
B.

Stores.—Communicating Resolution of Government of India detailing the articles which should be procured of Indian manufacture.

Encl. in Receipt Regr.

With order.

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No. 1923, dated 22nd July 1881.
" 2302, " 12th Aug. "

B.
No. 2438 W of 4th Oct. 1881.

Communicated
to the Genl Supt, P. H.
Stores, & the Supt Madras
Harbor Works.

S
20/9

To The Genl Supt P.H. stores
" Supt. M. H. Works.

4-10-81

A few additional articles of stationery have been inserted in the appended list, such as erasers and scissors, which can be made in the Aligarh Postal Workshop and by private ironworkers, and blue tape, which, like red and white tape, should be obtained from the Indian cotton mills.

Balances, weights, butchers' knives, iron and brass locks and padlocks are procurable from the Rurki Workshop, the Aligarh Postal Workshop, and no doubt can be made elsewhere.

Shovels, hammers, cast-iron pulleys, buckets, kodolies, spades, forks and other gardener's tools can also similarly be obtained of Indian manufacture. The manufacture of cement is now an established industry, and the article should not again be indented for.

Linseed-oil, boiled, should be obtained of Calcutta manufacture, either from the Gourepore mills, where it is made of good quality, or elsewhere.

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ENCLOSURE No. 1.

Names of Articles.	1879-80.		1880-81.		TOTAL.	
	Rate.	No. or Quantity.	Rate.	No. or Quantity.	Rate.	No. or Quantity.
STATIONERY STORES.						
<i>Writing Materials.</i>						
Erasers, common	4 2 0 per doz.	413 doz.	RS. A. P.		RS. A. P.	
Scissors, large	9 4 0 "	90 "	1,873 15 9			
Do. do.	1 12 0 each.	1 No.	915 12 0			
Do. do.	2 4 0 "	2 "	4 8 0			
Do. small	5 4 0 per doz.	85 doz.	490 14 0			
Do. do.	1 4 0 each.	10 No.	12 8 0			
Do. do.	0 14 0 "	1 "	0 14 0			
Do. do.	1 12 0 "	2 "	2 0 0			
Do. do.	2 0 0 "	2 "	4 0 0			
Do. do.	1 11 0 "	1 "	1 11 0			
Blue tape	1 0 0 per 100 yds.	23,400 yds.	234 0 0	500 yds.	10 0 0	
White tape				11,652 yds.	101 15 3	
				19,600 "	146 4 0	
				600 "	11 4 0	
					56,152 yds.	493 7 3
Miscellaneous Articles.						
Brass clasps, P. 1 to 4	8 12 6 per 1,000	20,000 No.	193 3 0			
<i>Stores for Behar Opium Laboratory Department.</i>						
Balance	£ s. d.		£ s. d.			
Set of weights	16 0 each.	1 No.	16 0 0			
Balances, 8-inch	3 12 "	1 set.	3 12 0			
Set of weights	4 10 "	4 No.	18 0 0			
Shovels	1 14 "	1 set.	1 14 0			
	0 6 "	2 No.	0 12 0			
<i>Behar Opium Factory Department.</i>						
Hammers, handled				2 No.		
<i>Behar Agency, Sudder Godown Department.</i>						
Butchers' knives, 8-inch	RS. A. P.		RS. A. P.			
Butchers' knives	Not given.	1 doz.	9 4 0			
Linseed oil, boiled	9 0 0 per doz.	1 "	9 0 0			
One iron drum for ditto	2 12 0 per gal.	6 gals.	13 12 0			
	2 8 0 each.	1 No.	2 8 0			
Linseed oil, boiled	2 10 0 per gal.	10 gals.	26 12 6			
	0 8 6 packing charges.					
Smith's hammers, three	0 6 0 per lb.	10½ lb.	3 15 0			
Brass lower drawer lock, 2-inch	1 8 0 each.	6 No.	9 0 0			

Names of Articles.	1879-80.			1880-81.			TOTAL.		
	Rate.	No. or Quantity.	Total Cost.	Rate.	No. or Quantity.	Total Cost.	Rate.	No. or Quantity.	Total Cost.
<i>Behar Agency, Sudder Godown Department</i>									
Borax ..	0 8 0 per seer.	4 chittacks.	0 2 0	1 0 0 per seer.	1 seer 1 chittack	1 1 0	RS. A. P.	RS. A. P.	RS. A. P.
Galvanized buckets, 12-inch ..	..	..	..	18 0 0 per doz.	13 doz.	27 0 0	..	..	..
Lamp black ..	..	..	..	0 5 0 per lb.	14 lb.	4 6 0	..	..	..
24 brass cocks with several ends for gas pipe.	..	..	..	3 0 0 each.	2 No.	6 0 0	..	..	..
do. do.	..	..	..	2 8 0 "	1 "	2 8 0	..	..	..
Copal varnish ..	..	..	..	12 0 0 per gal.	1 gal.	12 0 0	..	..	..
Iron padlocks to open with 1 key ..	..	..	..	13 0 0 per doz.	22-1/6 doz.	290 14 8	..	..	..
Sewing twine ..	..	..	..	1 0 0 per lb.	10 lb.	10 0 0	..	..	..
2 1/2 brass lever almirah locks ..	..	..	..	1 12 0 each.	3 No.	5 4 0	..	..	..
<i>Behar Agency Saw Mill and Chest Department.</i>									
Lined oil, boiled, 2 drums ..	2 10 0 per gal.	10 gals.	27 0 0	9 8 0 per barrel.	29 barrels	364 14 0	..	..	..
Cement ..	..	..	..	2 8 0 each.	3 No.	7 2 0	..	..	..
Shovels ..	..	..	..	8 4 0 per cwt.	2 qrs. 18 lb.	76 9 0	..	..	..
Brass padlocks ..	..	..	..	65 0 0 each.	one.	..	..	..	..
Do. small blocks ..	..	..	..	..	..	..	..	..	..
New cast iron pulley, 3 feet X 12 inch broad, 3 1/2 bore turned and key way cut.	..	..	..	..	..	..	..	..	..
<i>Benares Agency, Ghazipur Opium Factory.</i>									
Iron padlocks ..	2 0 0 each.	2 doz.	52 8 0	2 0 0 each.	2 doz.	52 8 0	..	..	..
Double block tin ..	0 5 0 per sheet.	600 sheets.	200 0 0	0 5 0 per sheet.	600 sheets.	200 0 0	..	..	..
Single tin ..	0 2 6 "	100 "	17 3 0	0 2 6 "	100 "	17 3 0	..	..	..
Twine ..	0 4 0 per lb.	20 lb.	5 15 0	0 4 0 per lb.	20 lb.	5 15 0	..	..	..
Brass locks for drawer and boxes ..	2 0 0 each.	6 No.	13 14 0	2 0 0 each.	6 No.	13 14 0	..	..	..
Leather, English ..	1 5 0 per lb.	1 lb.	1 6 6	1 5 0 per lb.	1 lb.	1 6 6	..	..	..
<i>Royal Botanical Gardens, Howrah.</i>									
Spades, digging ..	..	No.	..	..	..	..	..	..	..
Forks, 5 pronged ..	..	12	..	..	..	..	..	..	..
Iron rakes, 9-inch ..	..	12	..	..	..	..	..	..	..
Do. 12-inch ..	..	12	..	..	..	..	..	..	..
Knives, pruning ..	..	12	..	..	..	..	..	..	..
Do. cutting ..	..	12	..	..	..	..	..	..	..
Do. budding ..	..	6	..	..	..	..	..	..	..
Shears, hedge ..	..	2	..	..	..	..	..	..	..
Pickaxes ..	..	3	..	..	..	..	..	..	..
Axes ..	..	12	..	..	..	..	..	..	..
Terracotta plant markers ..	..	1,500	..	..	..	..	..	..	..
Do. 11 ..	..	1,500	..	..	..	..	..	..	..
Do. 16 ..	..	..	..	..	..	..	..	..	..

Do. 20 ..	..	1,500	..	£ s. d.	5 No.	..	13 8 0 per doz.	60 doz.	810 0 0
Do. 21 ..	..	1,500	..	..	4 "	..	4 8 0 each.	1 "	4 8 0
A set of chain harrows ..	..	..	..	..	5 "	..	3 4 0 "	1/2 "	93 3 3
Wire baskets for plants with chain, 24-inch.	..	..	..	..	7 "	..	3 8 0 per pair	one pair.	3 8 0
Do. do. 18 "	..	..	..	..	..	..	7 8 0 "	..	7 8 0
Do. do. 15 "	..	..	..	..	..	..	16 0 0 "	..	16 0 0
Do. do. 12 "	..	..	..	..	..	..	..	..	..
Do. without chains, of sizes ..	..	..	..	..	..	..	..	..	..
Kodolies, Griffin's ..	..	36	..	..	..	..	..	..	..
Do. Bengal pattern ..	..	50	..	..	..	..	..	..	..
Watering-pots, 3 gallons ..	..	6	..	..	..	..	..	..	..
Do. do. 2 do. ..	..	2	..	..	..	..	..	..	..
Garden rollers ..	..	..	..	..	..	..	..	..	..
Scythes ..	..	..	..	..	..	..	..	..	..
Padlocks ..	..	..	..	..	..	..	..	..	..
<i>Cinchona Plantations and Manufactory.</i>									
Sickles ..	..	..	..	..	..	..	..	..	..
Watering cans, 4 gallons ..	..	..	..	..	..	..	..	..	..
Do. do. 2 do. ..	..	..	..	..	..	..	..	..	..
Tinsmith's shears ..	..	..	..	..	..	..	..	..	..
Spirit level ..	..	..	..	..	..	..	..	..	..
Plough plane ..	..	..	..	..	..	..	..	..	..
<i>Supplied by the Marine Department.</i>									
Animal charcoal ..	..	..	..	..	..	..	..	..	..
Kodolies ..	..	..	..	..	..	..	..	..	..
Do. ..	..	..	..	..	..	..	..	..	..
Iron jumpers ..	..	..	..	..	..	..	..	..	..
Do. crowbars ..	..	..	..	..	..	..	..	..	..
Lead tubing ..	..	..	..	..	..	..	..	..	..
Sickles ..	..	..	..	..	..	..	..	..	..
Watering cans ..	..	..	..	..	..	..	..	..	..
<i>Bengal Secretariat Press.</i>									
8 to pica brass rules, 24-inch ..	..	..	..	..	..	..	..	..	..
Brass rules ..	..	..	..	..	..	..	..	..	..
<i>Bengal Police.</i>									
Blue drill ..	..	..	..	..	..	..	..	..	..
Grey cotton dhooties ..	..	..	..	..	..	..	..	..	..
Blue serge ..	..	..	..	..	..	..	..	..	..
American drill (unbleached) ..	..	..	..	..	..	..	..	..	..
Red saloo ..	..	..	..	..	..	..	..	..	..
American drill (bleached) ..	..	..	..	..	..	..	..	..	..
Blue cloth ..	..	..	..	..	..	..	..	..	..
Cotton drill ..	..	..	..	..	..	..	..	..	..

(Signed) J. E. O'CONNOR,
Asst. Secy. to the Govt. of India.

ORDER THEREON, 14th September 1881, No. 1727.

Communicated to all Heads of Departments.

(True Extract.)

R. DAVIDSON,
Chief Secretary.

To all Heads of Departments.

Exd. J. Wright.

Gobt. of (1881) Madras.
FINANCIAL.

N^o 2438 W a/4th Oct/81.

Communicated to
the Genl Supt P.W. Stores,
and the Supt Madras
Harbor Works.

(Sd) J.P.

To
ALL HEADS OF DEPARTMENTS

Dated September, 14th.

Issued

Recd.

Encl.

G.O., 14th September 1881, No. 1727.

SEPTEMBER.

B N^o 2438 W a/4th Oct/81.

Stores.—Communicating Resolution of Govern-
ment of India detailing the articles which should
be procured of Indian manufacture.

With order

Genl. Supt P.W. Stores
Supt. M. H. Works

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

1st September 1881, No. 2,157 W.

General.
Account.

Read the following papers:—

No. 1. Endorsement of the Superintending Engineer, First Circle, dated 16th
July 1881, No. 36-1,205.

From S. OTTMANN, Esq., Officiating Executive Engineer, Buckingham Canal, to
the Superintending Engineer, First Circle, dated 12th July 1881, No. 1,150.

In the "testing tonnage of boats," which is conducted daily at the Basin, so much
inconvenience and risk is experienced from the want of proper "weights," that I am
necessitated to submit the matter for your consideration and disposal, with a view to
sanction being obtained for a supply of proper weights without delay.

2. The maximum tonnage for which weights are wanted is 30 tons, at the
present time the weights in use consist of sand-bags, rough blocks of granite, and 20
iron weights, giving about 1,000 lb. in all. I need hardly submit that there is much
risk, delay and inconvenience in the use of such rude appliances for testing tonnage.

Also that the arrangement is costly, for bags have constantly to be renewed, sand
also replenished, and there are also the charges for constant check of the sand-bags,
by weighing them, add also cost for repairs of bags. These charges up to the present
time, for materials and labor, amount to Rs. 1,648. These charges are constantly
recurring and will continue so, as boats are constantly being brought to "test," new
boats are replacing old ones, so that it is absolutely essential to provide ourselves
with definite weights once and for all, to ensure against all risks, delays and
inconveniences.

At the present time the use of rough blocks of stone is ruinous to boats. They
are not readily handled and constantly chip off in use.

The sand-bag weights besides being a ruinous charge are attended with risk in
the test, for it is not possible to keep the weights from fluctuating, and if the boats
are not quite water-tight there is the risk of losing in the "test," and though the
weights of the sand-bags are frequently checked by the sub-division officer, it is not
practicable with so many hundreds of them to ensure against risk.

3. In view to providing iron weights for the "testing tonnage," I applied to
the Superintendent of Public Works Stores and Workshops on seeing "list of surplus
stores available for sale," issued by him, and in which I found 198 weights of 56 lb.
at Rs. 4-13-0 each, that officer reduced the price to Rs. 4 each, but that is a ruinous
price for old iron, weights though they be. The 198 weights make up nearly 5 tons,
a small fraction of the 30 required. I also applied to the above officer for the rate at
which he could cast and supply quarter-ton weights. The rate asked is Rs. 140 per ton.

Messrs. Massey and Company were also applied to, who gave a rate of Rs. 130
per ton for quarter-ton weights.

The reason for selecting quarter-ton weights is that the work of testing can be
readily conducted; that there is a 2-ton crane available at the basin for using such
heavy weights, and that fractions of tons are not admitted in testing tonnage, a
fraction of a ton counting as one.

I have inquired in the local market for pigs of iron, such as are used in ballasting boats, but they are not procurable; nor is there any other description of iron in block procurable, which would serve for weights conveniently.

4. Under the circumstances represented, I have the honor to solicit sanction, first, for obtaining the 198 56-lb. weights from the Workshop for present use. The Superintendent of Public Works Stores being required to further reduce the rate, which at Rs. 4 per weight amounts to Rs. 160 per ton, an enormous rate for old iron, which it is neither more nor less, and, secondly, that authority be granted for having cast the remaining 25 tons of weights, where it can be done cheapest, as there is not time to order the weights out from England or elsewhere. Messrs. Massey and Company (Napier Works, Madras,) engage to deliver up to 30 tons in six to eight weeks.

P.S.—An estimate, amounting to Rs. 4,100, is enclosed for consideration. The present balance under "Tools and Plant" of the current year's budget grant is Rs. 3,500, which will be in demand for other purposes of the division during the year, a special grant will need to be made on account of the present estimate, "Iron weights for testing tonnage."

(Signed) S. OTTMANN,
Officiating Executive Engineer,
Buckingham Canal.

15th July 1881.

SUBMITTED to the Chief Engineer, Public Works Department.

2. The provision of proper weights appears to be very necessary, and it is recommended that the estimate of Rs. 4,100 be sanctioned together with a grant of the amount under Tools and Plant.

(Signed) H. L. PRENDERGAST, Lieut.-Col., R.E.,
Superintending Engineer, First Circle.

No. 1-A. Endorsement of the Acting Secretary to Government, Military Department, dated 23rd August 1881, No. 4,534.

From Major-General R. CADELL, C.B., R.A., Inspector-General of Ordnance, to the Secretary to Government, Military Department, dated Fort St. George, 17th August 1881, No. G 168.

I HAVE the honor to acknowledge receipt of your memorandum No. 4,047, dated 28th July 1881, and to state, for the information of the Honorable the Governor in

* Weights of 56 lb., No. 198.
" " 1 ton, " 25.

Council, that there are not available from stock any iron weights as per margin.*

Material for their manufacture, which is valued at Rs. 3,364-15-6, is however available, and the Superintendent, Gun Carriage Factory, estimates that the cost of labor would be about Rs. 300, making in all a total of Rs. 3,664-15-6 exclusive of centage, what that centage would amount to the Examiner, Ordnance Accounts, states that he cannot at present ascertain, as the accounts of the Gun Carriage Factory for the past year, which furnishes the data for the calculation, have not yet been closed.

2. Practically should Government sanction the weights being made up in the Gun Carriage Factory, the greater part of the material would not be charged for by the Ordnance Department. It would be merely written off the books, but the price of fuel (viz., about Rs. 610 out of the Rs. 3,364-15-6,) which would have to be replaced at once, will have to be made good by the department requiring the weights.

3. The Superintendent, Gun Carriage Factory, reports that the weights can be easily cast at the Factory under his charge.

4. The abstract estimate is herewith returned as requested.

B.

Forwarded.

(Signed) M. C. PERREAU, Lieut.-Col.,
Offg. Controller of Military Accounts.

19th August 1881.

TRANSFERRED to the Public Works Department and the previous papers returned.
(Signed) E. L. HANKIN, Colonel,
Ag. Secy. to Govt.

No. 2. ORDER THEREON, 1st September 1881, No. 2,157 W.

SANCTION is accorded to the manufacture of the required weights.

2. It will be observed from the letter from the Inspector-General of Ordnance that the Gun Carriage Factory are in a position to undertake the work. The Executive Engineer, Buckingham Canal Division, will accordingly place himself in communication with the Superintendent of the Factory, reporting in due course the exact sum required for appropriation.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, Buckingham Canal.
" Examiner of Public Works Accounts.
" Military Department.

Exd. S. T. Austin.

Spare Copies



Gobt. of (1881) Madras.
PUBLIC WORKS.

To

THE SUPERINTENDENT OF WORKS,
BUCKINGHAM CANAL,
&c., &c., &c.

Dated September, 1st.

Issued

Recd.

Encl.

G.O., 1st September 1881, No. 2,157 W.

SEPTEMBER.

Nos. 1-2.

Weights for Testing Tonnage of boats on the
Buckingham Canal.—Sanctions with remarks
the manufacture of the required —.