

Service. Madras Public Works

Bi-Monthly Return of Stores under provision by the Director-General of Stores
for India up to 31 May 1885.

INDIA OFFICE,

LONDON,

19 June 1885.

A. ABERCROMBIE JOPP,

Director-General of Stores.

N.B.—This Return includes all Stores under supply in England. }
Stores reported in this Return to have been shipped will }
not be inserted in future Returns. }

Dr from Mr Parthes df. 5 July 1884	1884		
Received 12 July 1884 (b. 67)	22 July		
For the Madras Harbour Works			
Cranes 1. 1. 1. 1.	1884	21 Aug. Stothert & Pitt	1885
Wave breaker Travelling		13 " Ransomes & Rapier	June
Indent df. 16 Aug. 1884			
Received 16 Sept. 1884 (b. 76)	23 Oct.		
For Madras Defences - Fort Armament			
Locks 14 bbls 6"	No 12	7 Nov. Holt & Co. Ltd.	
" " 14"	" 7		
Indent df. 11 Sept. 1884	1884		
Received 17 Oct. 1884 (b. 79)	5 Nov.		
For the Godavari - Eastern Dist.			
Engine Steam Portable 6 H.P. with			
spare parts & leather belting, as			
demanded			
	No 1	28 Nov. Bayly & St. Hill	Shipped per S.S. Raura (15. 4. 85)

The supply awaits approval of samples sent to India with Dr to Sec. to Govt. Public Works Dept. dated 24 Decr 1884.

Received 5 Nov. 1884 (b. 80)	26 Nov.		
For new Church at Wellington			
Castings for roof	as demanded	2 April. Macfarlane & Co.	" " S.S. Clan Grant (June)
Indent df. 24 Dec. 1884	1884		
Received 26 Nov. 1884 (b. 82)	29 Dec.		
Machine			
Log Frame Saw semi portable	No 1		
to take 24" logs			
Band Saw Machine with self acting			
cutting table, to cut 8"	" 1	14 inch. Worsam & Co.	June
Band Saw Blades spare 2 1/2"	" 4		
5" 3" 1" & 1"			
of each			
Planing Machines as demanded:			
to plane 3 ft. in length	" 1		
" 14 " "	" 1	26 Feb. Dean Smith & Co.	Aug.
" 5 " "	" 1		
Lathe Gap with Chucks, tools &			
condershafts as demanded:-			
Sliding, Surfacing & screw cutting	" 1		
Screw Cutting	" 2		
Machine for cutting hot iron bars	" 1		

Supply awaits answer to Dr to the Indenting of Sec. of 27 Feb. 1885, as to cost

Invent. dt. 24 Oct. 1884 cont.
 Best screwing machines with
 countershaft.
 with taps $\frac{1}{4}$ " to $\frac{3}{4}$ "
 " " $\frac{3}{4}$ " to $1\frac{1}{2}$ "
 Drilling machine to take $\frac{3}{4}$ " rods
 (under
 100 meter steam pump for
 No. 4 with boiler, automated
 " 5 " "
 " 6 " detached boiler
 No. 3 double purchase
 to lift 2 tons
 " 14 " "
 " 5 " "
 Machine Aut. Shaping
 Emery discs for Saw. Shop speci-
 12" " "
 " 14 " "
 " 5 " "

Supply according to the
 the existing office order of 27th
 1885, do to cost
 20 inch. Pulsmeter Co. Aug.
 25 Feb. Comm. Station -
 Shipped per S.S. Chambray (20 June)

Instruments

Barometers Aneroid pocket reading
 to 10,000 ft.
 Compasses beam large with pen
 & pencil leg
 Curves French in boxes
 " Railway " "
 Ink bottles screwing with strap
 Drilling instruments Dumpy
 Cushings reversible
 " 14"
 " 12"
 " 10"
 Mathematical instruments in
 boxes:
 Spectrum 1st class
 Ranges 2nd " 3rd "
 Ruler parallel rolling ebony 24"
 18"
 15"
 12"

16 Jan. L. Casella
 26 Feb. W. P. Stanley June
 16 Jan. Waterloo S.S. June
 3 Feb. Cooke & Sons July
 26 " W. P. Stanley June
 20 " " 20 June
 " 20
 " 41
 " 59
 " 14
 " 10
 " 6
 " 12

Date and Number of Indent, when received by Store Department, and Description of Articles.	Quantity.	Date of Sanction by Secy of State or Council.	Date of Contract.	Name of Contractor.	Probable Date of Shipment.	Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.
Indent No 5 of 1884 contd.			1885			
For Madras Harbour Works contd.			28 Feb.	Black & Hickman	June	
hammers hand fillers	No 24					
Leather Belt for Engine double	" 1		7 "	Hepburn & Co		Shipped per S.S. Chusan (3 June)
9" wide 75 ft long	" 6		28 "	Black & Hickman	June	
Spanners with screw driving piece	cut 14		27 March	W. Bonnell	June	
attached to handle 12 long	" 12		17 Feb.	Leach & Plunkett		Shipped per S.S. Chusan (3 June)
Rivets Iron of sizes	No 48		5 "	Galloway & Hyslop		
Washers "	2		14 "	L. Frank & Co		" " S.S. Avon (10 June)
Two Block Sticks 18" x 12" x 24" each	gallo. 50		5 "	Galloway & Hyslop		" " S.S. Chusan (3 June)
of each pair	Ch. 28		2 April	Tangye & Co		
Surfacing	No 1		20 March	E. Corry	June	
every low down (grain)	" 3					
Pumps 4 1/2" portabls with	" 20					
suction & discharge hose & nozzle	" 20					
Winch Crab with single & double						
purchase to lift 3 tons						
Iron Plate 4' x 2" x 3"						
" 4' x 3" x 1/2"						
" 4' x 3" x 1/2"						
" Round " 1 1/2" for bolts	" 3		6 "	W. Duff	June	
Steel Square 5" 16	cut 1		14 "	Howell & Co		Shipped per S.S. Chusan (3 June)
Oars Ash 14 ft.	No 20		14 Feb.	Nelson Dock		" " S.S. Avon (23 April)
" 15 x 12 ft. of each	" 12		27 "	Hawks & Grandson		
Chain iron Iron 5" diam.	14, 300		28 "	Black & Co	June	
Rules 2 ft. 4 fold narrow	Dog. 1		17 "	G. K. Almond	June	
Leathers for pistons of hydraulic	No 36		17 April	Sir J. Brown & Co	June	24 Shipped per S.S. Chusan (3 June)
Cranes as demanded	" 48					
Wheel Tyres spars, 2 1/2" in diameter	" 6		13 May	Stothert & Pitt	Aug.	
5" wide, 2 1/2" thick outside	" 24		29 March	W. Bonnell	June	
Ironwork for Block Trucks including	" 2000		13 Feb.	Robins & Co		178" shipped as before reported, 5/11/85 per S.S. Larmoran (31 March) & 10/12/85 per S.S. Keweenaw (15 April)
Wheels & axles	" 24000		26 May	Phil. MacWilliam	Aug.	
Springs steel for buffers of loco.	" 1		27 Feb.	Troughton & Sims	June	
and Block Trucks	" 2		13 April	Stothert & Pitt	July	
Bolts Iron 3/4" diam. as demanded	" 2					
" 1/2" "						
Cement Portland						
Wrought Iron Plates 12" x 12" x 1"						
Rivets for do-						
Modole Trans 7"						
Traversers for moving block on						
tracks from one line to another						

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Shipment.

Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.

Indent of 26 Nov. 1884 contd.

For the Canada Works Co. Ltd.

Engine 20 H.P. double acting

Horizontal cylinders

Water for do

Fire Engine Manual, as demanded

Slitting Machine

Planing

Centrifugal Pumps, 3 diam. as demanded

For the Victoria Delta System

Instruments

Barometers aneroid 4 1/2

Compasses Comprehensive

Mathematical Instruments

in box 1st class

fish skin case large

Ropes folding braided 3 1/2 ft. 1 pair

2 ft. 6 in.

Sticks

Tapes metal measuring 100 ft.

" 50 "

" Steel 50 ft.

Tools & Plant

Bricks fire stock 1000

Yellow Smiths 36"

Chinlo Hammer 1 1/2

" 1 1/2 x 1 1/2 of each

" 1 1/2 x 1 1/2 "

" 1 1/2 x 1 1/2 "

" 1 1/2 x 1 1/2 "

" 1 1/2 x 1 1/2 "

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" 1 1/2 x 1 1/2 "

" 1 1/2 x 1 1/2 "

" 1 1/2 x 1 1/2 "

Shipped per S.S. St. Charles (23 June)

30 Mch. Morgan & Son Aug.

27 Apr. Shepherd & Co. Sept.

29 " " " " " "

13 Mch. W. H. Allen & Co. June

1 " " J. F. Hicks June

6 " " W. H. Stanley June

15 " " Chealman & Co. June

6 " " Hickman & Co. June

17 " " Wright & Co. June

2 Apr. Woodcock & Co. July

6 Mch. Hickman & Co. June

11 " " Howell & Co. Aug.

27 Feb. Black & Hickman June

2 Apr. Woodcock & Co. July

6 Mch. Black & Hickman June

Shipped per S.S. St. Charles (23 Apr.)

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Indent of 26 Nov 1884 could for Dewlin's barometer & clock	No 6	1885	2 Apr.	Woodcock & Co	1885	
" Red of oze	" 12					
Pliers common & cutting, of each	" 12					
Rasps	" 24			13 Mch. Howell & Co	Aug.	
Saws Keyhole	" 6					
" hand for cutting metal	" 6					
" hand " " Saws	" 6					
" ripper 32"	" 24			16 " "		
" hand 30"	" 12			Black & Whitman		
" iron 14"	" 6					
" dovetail 4"	" 6					
Squares 48"	" 6					
" 6"	" 24			2 Apr. Woodcock & Co	July	
Stones oil Carkey in case	" 24					
Screw Plate with caps from 10 to 6 3/4"	" 3					
Spring Comparer	" 6					
Screw caps & nuts for hand saws						
Vices hanging 100 ft.	" 6		27 Mch	Punch & Hammer	June	
Augers set 50 ft.	" 6		2 Apr.	Woodcock & Co	July	
Iron round & flat	" 84					
" Square 12"	" 8				July	
" flat " "	" 15		27 Apr.	J.B. & S. de la		
" angle " "	" 8					
" T " "	" 4					
" Sheet " "	" 30				Aug	
Steel hexagon " "	" 2		14 Mch.	Howell & Co		Shipped per S.S. Chusan (3 June)
Indent of 15 Dec. 1884		1885				
Received 14 Jan. 1885 (6.121)		10 Mch				
For Stock						
Pumps Centrifugal with suction						
& discharge pipes complete:-						
8 diam.	No 1			13 Mch. W.H. Allen & Co		Shipped per S.S. Chusan (3 June)
6 " "	" 1					
Indent of 12 March 1885		1885				
Received 15 Apr. 1885 (6.127)		30 May				
For cedar as per invoice						
Portland Cement	No 2000					
Leather Belt Single 6" x 4 1/4"	" 3					
" " 3 1/2" x 1 1/2"	" 5				15 May	Robert & Co by Aug.

Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.

Probable Date of Shipment.

Name of Contractor.

Date of Contract.

Date of Sanction by Sec^y of State in Council.

Quantity.

Date and Number of Indent, when received by Store Department, and Description of Articles.

Indent of. 24 Dec. 1884 contd

Instruments contd

Rules parallel rolling brass 24" No 12

18" " 15

15" " 20

12" " 18

12" " 16

12" " 7

12" " 6

12" " 5

12" " 4

12" " 3

12" " 2

12" " 1

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Indent No 5 of 17 Oct. 1884

Received 10 Dec 1884 (6.104)

1885

27 Jan.

For the Madras Harbour Works

Boiler for Goliath crane with fittings

Spare boiler as demanded

Rails Steel 75 lb flat bottomed

Cast plates for do

Cast bolts for do

Doeg Spikes for do

Steel Rails 50 lb flat bottomed

Cast plates for do

" Bolts " "

Doeg Spikes " "

Castings for 75 lb Rail, angle iron 10

Switches " " "

Extra Switch Rails for replacing points

for 75 lb rails

Switches & Castings for 50 lb rails

Extra Switch Rails for replacing

for do

Rail Lifters

Screw jacks 12 for traversing

Hydraulic jack 100 ton, with safety

Valve, Janyard's pat.

Lathe Screw cutting with lat about

5 ft long, as demanded

Drilling Machine as demanded

Slotting " " "

Stocks & Dies to fabricate Japs & Branch

from 1/4" to 1"

Hydraulic Boiler 60, with pressure

Augers Screw American 1/2 size

Compressing Apparatus for 100 lb pressure

Cradles - Brown & 107

Compressor

Cast Iron Bars

Blocks Purchase double & triple screws

for 2" rope

" 1 1/2 "

Rope Manila white 2" circum.

" " 1 1/2 "

Shipped per S.S. Helicon (17 May)

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Entered 21. Dec 1884

Received 21 Dec 1884 (6.10.84)

By Refractoria Workshop

Printing Press Albion to print

Crown Outside 21 x 16

No 1

Small Picc 20" x 4" complete band 120

" " " " " " 6

Long Primer 20" x 4" complete band 120

" " " " " " 6

Picc extended 20" x 4"

Wonders small Picc No 2

" " " " " " 6

Ornamented dashes, long line

No 2 41 to 74

Ornamented metal furniture assorted

No 28

Leads 4 to picc

" " " " " " 10

" " " " " " 1

" " " " " " 1

Bin & Rule & Lead Cutter 1

Composing sticks 10" x 6" 1

Circular Saw Bench 5' 6" x 3' 6"

Gap lathe 20' 14" centre as

Punching & Shearing Machine, as

General printer

Vertical Saw

Drilling machine large, self-

acting, as demanded

Roots Blower for 20 Horses

all machines Drilling small, hand

& power, to drill 2" to centre

of 15 1/2" circle

1885

2 April 1885

2 " Austin Dredge

20 inch A. Kinsom's

20 inch Shepherd Hill 2 July

27 " Smith Brothers Ltd.

20 inch A. Kinsom's

27 inch Greenough & Co.

2 " " " "

23 inch W. P. P. Co.

in 1885. 1885. 1885.

Shipped per S.S. Salsburgh (1 July)

Shipped per S.S. Calcutta (10 June)

Shipped per S.S. Calcutta (10 June)

Demand cancelled by Telegram from the Governor, Madras 21 May 1885.

Shipped per S.S. Salsburgh (1 July)

Arch 5998V

(8)

50.C

Aug 87/83

No 1665-Way 17th July/83

Communicated to officers

Concerned,

Cll.
9.7.85

lls.
10.7.83

So ✓ ✓ ✓ ✓ ✓
S. Es. I, II, IV + V ✓
Supt. M. A. W. ✓
Eng. Architect ✓
C. E. J. ✓

Desks

17/7/83