Madras

Public Works Department

Bi-Monthly Return of Stores under provision by the Director-General of Stores for India up to the 31st May 1881

India Office,

London,

10 June, 1881.

A. ABERCROMBIE JOPP,

Director-General of Stores.

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

G & S [265] 500 2/81

Date and Number of Indent, Date of Sanction, and description of Articles.	Quantity.	Date of Contract.	Name of Contractor.	Probable Date of Shipment.	Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.
Public Works Indent d/: 22. April. 1878.					
Supply sanctioned 10. June 1878 – (5.22.)					
Irrigation Extraordinary.					
Machine Iron Planing	No: 1				Supply awaits answer to a letter addressed to the Sec.y to Govt. Public Works Dept. Inquiring whether these are still required.
" " " Hand	" 1				
Public Works Indent No: P.W.S. 321 d/: 31. May. 1880.					
Supply sanctioned 1. Sept: 1880. (5.77.)					
For the Godaveri Delta.					
Leather Belting, 7" wide	Feet 200	1881. 10. Feb:	Morris & Co:		
Bolts & Nuts 4" × 3/4"	No: 102	21. Feb:	Nettlefold & Bro		Shipped to Coconada per S.S. Camorta (17. May).
Ring Washers I.R. 11" diam.r, 9" hole, 5/16" thick "	17	21. Feb:	Cow Hill & Co:		
Public Works Letter No: 197 d/: 20. April 1880.					
Supply sanctioned 9. Sept: 1880. (5.78.)					
Moorings for the Madras Harbor Works.					
Chains Steel Crossed 21" links 24½ fathoms long	Nos. 96	29. Oct. 1881	Parkes & Co.		Shipped per S.S. Camorta (17. May).
" " " 1½" Each 24½ fms long	" 20	"	"		Shipped per S.S. Camorta (17. May).
" Bridle Stud 2½", 36 6½ fms. Each, with Spindles & Mooring Ring.	" 29	"	Newton Chambers & Co.	Sept.	
" Bridle Stud 1½", Each 4½ fms.	" 12	23. Nov.	Brown Lenox & Co.		Shipped per S.S. Camorta (17. May).
Shackles for Connections 4"	" 29	1881. 23. May	G. Wells	July	
" " " 3½"	" 58				
" " " 2"	" 12				
Apparatus for releasing Buoy Spindles	" 2	15. Nov.	G. Wells	"	Shipped per S.S. Ravenna (28. May).
Annual Indent received with Public Works Letter No: 5. para: 3-5 d/: 27. Jan: 1881. (5.80)					
Chains Measuring Iron Galv.d 100 ft. with errors.	No: 35	29. April	Elliott Bros.	Sept.	
" " " " 66 " with errors.	" 20				
Mathematical Instruments 1st class Boxes	40	10. May	— Do. —	Aug.	
" " 2nd " "	50	10. "	W. F. Stanley	Aug:	
Rules Folding Boxwood 3' 9" joint	No: 25	10. "	Elliott Bros.	Aug.	
" " " 2' 6" " "	" 40				
Scales Plotting " with Offsets	Sets 40	10. "	W. F. Stanley	Aug.	
Tapes Measuring Metallic 100 ft:	No: 150	12. "	Chesterman & Co.	July	
" " " 50 "	" 100				

Date and Number of Indent, Date of Sanction, and description of Articles.	Quantity.	Date of Contract.	Name of Contractor.	Probable Date of Shipment.	Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.
Annual Indent — cont.d					
Pumice Stone	lbs: 12	1881. 30. April	H. Evans.	— —	Shipped per S.S. Navarino (28. May)
Snake or Water of Ayr Stone	" 2				
Protractors Aldershot	No: 12	10. May	W. J. Stanley	1881. Aug:	
Sketching Cases Staff Pattern	" 12				
Protractors Cardboard, Holtzapffels' Improved	" 12	6. May	Holtzapffel & Co.	June	
Telemeters	" 6				
Tools & Plant.					
Stocks with Taps and Dies to cut Screws from:- 1" to $\frac{3}{4}$"	Sets 2	20. May	Whitworth & Co:	July	
$\frac{5}{8}$" to 1$\frac{1}{4}$"	" 6				
Taps & Dies for cutting Wood Screws from $\frac{3}{4}$" to $\frac{3}{8}$" *	" 6				* Note - $\frac{3}{8}$" is the smallest size for Wood Screws.
Weston's Differential Pulley Block & lift 2 tons	No: 1	6 "	Tangye Bros:	July	
" " " " " " 1 ton.	" 1				
Whitworths' Spare Taps & Dies $\frac{1}{4}$"	" 2	20. "	Whitworth & Co:	July	
" " " " $\frac{7}{8}$", $\frac{3}{4}$", $\frac{1}{2}$", $\frac{5}{8}$", 1"	Each 4				
Enamelled Iron Gauges 8 ft: & 10 ft:	" 20				
24 ft:, 26 ft:, and 28 ft:	" 10				
Prepared Silicate & Prepared Calcium	Each Gals. 60	12. "	Bateman & Co:	July	Note. 30 gallons of the Silicate will be supplied in the Concentrated form, double strength, to be diluted with rain water to the specified quantity.
Machinery.					
12 H.P. Portable Engines Complete for driving Gwynnes' Centrifugal Pumps, with 10 per cent of spare Boiler Tubes & 1 set of spare Bearings for each Engine.	No: 2	12. May	Clayton & Shuttleworth.	Aug:	
For the Presidency Workshops.					
Coke for Foundry Purposes	Tons 200	14. April	Cosman & Smith	— —	211 $\frac{15}{20}$ shipped per S.S. John P. Best (2. May).
Public Works Indent dt: 17. Feb: 1881.					
Supply sanctioned 20 April 1881. (5.82.)					
Boiler Plates, Best Lowmoor, 9'9" x 3'6" x $\frac{3}{8}$"	No: 22	26. May	Lowmoor Iron Co:	July	
9'0" x 3'6" x $\frac{3}{8}$"	" 10				
6'0" diam.r x $\frac{1}{2}$"	" 4				
9'0" x 2'6" x $\frac{3}{8}$"	" 2				
Iron Swedish, Round, $\frac{3}{4}$"	Tons 2	26. "	Woodcock & Son	Sept:	
Tubes Galloway 6" diam.r with flanges	No: 4	27. "	T. Beeley	Aug:	

Order thereon 5th July 1861 & 20 1862 &

Communicated to the
Officers concerned

Vide Extract

By C.C. Rawlon Capt. R
Asst Adjt Genl. D.W.D.

S. W. Jadanare
Genl. Supt. P. W. Store
Capt. Dr. Carlson W

Madras

Public works Department

Bi-Monthly Return of Stores under provision by the Director-General of Stores for India up to the 31st. May 1881

India Office,

London,

10 June, 1881.

A. ABERCROMBIE JOPP,

Director-General of Stores.

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

G & S [265] 500 2/81

Date and Number of Indent, Date of Sanction, and description of Articles.	Quantity.	Date of Contract.	Name of Contractor.	Probable Date of Shipment.	Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.
Public Works Indent d/: 22. April. 1878.					
Supply sanctioned 10. June 1878 – (5.22.)					
Irrigation Extraordinary.					
Machine Iron Planing	No: 1				Supply awaits answer to a letter addressed to the Secy to Govt, Public Works Dept: Enquiring whether these are still required.
" " " Hand	" 1				
Public Works Indent No: P.W.S. 321 d/: 31. May. 1880.					
Supply sanctioned 1. Sept: 1880. (5.77.)					
For the Godaveri Delta.					
Leather Belting, 7" wide	Feet 200	1881. 10. Feb:	Morris & Co:		Shipped to Coconada per SS Camorta (17. May).
Bolts & Nuts 4" × 3/4"	No: 102	21. Feb:	Nettlefold & Sons		
Ring Washers I.R. 11" diam: 9" hole 5/16" thick " 17		21. Feb:	Cow Hill & Co:		
Public Works Letter No: 19 d/: 20. April 1880.					
Supply sanctioned 9. Sept. 1880. (5.78.)					
Moorings for the Madras Harbor Works.					
Chains Stud: Ground 2 1/4" Each 24½ fathoms long	No: 46	1880 24. Oct:	Brown Lenox & Co:	1881 July	Shipped as per Ry per 30 per SS. Camorta (17. May)
" " " 1½" Each 24½ fms long	" 20	" "	Do		Shipped per SS. Camorta (17. May)
" Bridle Stud 2½" 366½ fms: Each, with Spindles & Mooring Ring.	" 29	" "	Newalls Lawshay & Co:	Sept	
" Bridle Stud 1½" Each 4½ fms:	" 12	23. Nov:	Brown Lenox & Co:		Shipped per SS. Camorta (17. May).
Shackles for Connections 4"	" 29	1881. 23. May	G. Wells	July	
" " " 3½"	" 58				
" " " 2"	" 12				
Apparatus for releasing Buoy Spindles	" 2	15. Mar:	G. Wells		Shipped per SS. Navarino (28. May).
Annual Indent received with Public Works Letter No: 5. para: 3 – d/: 27. Jan: 1881. (5.80)					
Chains Measuring Iron Galv: 100 ft: with arrows	No: 35	29. April	Elliott Bros:	June	
" " " " 66 " "	" 20				
Mathematical Instruments 1st class	Boxes 40	10. May	— Do —	Aug:	
" " 2nd "	" 50	10. "	W. F. Stanley	Aug:	
Rules Folding Boxwood 3'9" joint	No: 25	10. "	Elliott Bros:	Aug:	
" " " 2'6" "	" 40				
Scales Plotting " with offsets	Sets 40	10. "	W. F. Stanley		
Tapes Measuring Metallic 100 ft:	No: 150	12. "	Chesterman & Co:	July	
" " " 50 "	" 100				

G & S [268] 1000 3/81

Date and Number of Indent, Date of Sanction, and description of Articles.	Quantity.	Date of Contract.	Name of Contractor.	Probable Date of Shipment.	Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.
Annual Indent — cont.d					
Pumice Stone	lbs: 12	1881. 30. April	N. Evans.	— —	Shipped per S.S. Navarino (28. May)
Snake or Water Hydr. Stone	" 2				
Protractors Aldershot	No: 12	10. May	R. J. Stanley	1881. Aug:	
Sketching Cases Staff Pattern	" 12				
Protractors Cardboard, Holtzapffels' Engine Ruled	" 12	6. May	Holtzapffel & Co.	June	
Telemeters	" 6				
Tools & Plant.					
Stocks with Taps and Dies to cut Screws from:- 1" to $\frac{3}{4}$"	Sets 2	20. May	Whitworths & Co:	July	
$\frac{5}{8}$" to 1$\frac{1}{4}$"	" 6				
Taps & Dies for cutting Wood Screws from $\frac{3}{4}$" to $\frac{3}{8}$*	" 6				*Note - $\frac{3}{8}$" is the smallest size for Wood Screws.
Weston's Differential Pulley Block to lift 2 Tons	No: 1	6. "	Tangyes Bros:	July	
" " " " " " 1 Ton.	" 1				
Whitworths' Spare Taps & Dies $\frac{1}{4}$"	" 2	20. "	Whitworths & Co:	July	
" " " " " $\frac{7}{8}$", $\frac{3}{4}$", $\frac{1}{2}$", $\frac{5}{8}$", 1"	Each 4				
Enamelled Iron Gauges 8 ft: & 10 ft.	" 20	12. "	J. Smith	July	
16 ft: 20 ft: 22 ft: 24 ft: 26 ft: and 28 ft:	" 10				
Prepared Silicate & Prepared Calcium	Each Gals 60	12. "	Bateman & Co:	July	Note. 30 Gallons of the Silicate will be supplied in the Concentrated form, double strength, to be diluted with rain water to the quantity specified ~~strength~~.
Machinery.					
12 H.P. Portable Engines Complete for driving Gwynnes' Centrifugal Pumps, with 10 per cent of spare Boiler Tubes & 1 set of spare Bearings for each Engine.	No: 2	12. May	Clayton & Shuttleworth.	Aug:	
For the Presidency Workshops.					
Coke for Foundry Purposes	Tons 200	14. April	Goodman & Smith — —	211 15/20 shipped per S.S. John P. Best (2. May).	
Public Works Indent d/: 17. Feb: 1881.					
Supply sanctioned 20 April 1881. (5.82.)					
Boiler Plates, Best Lowmoor, 9'.9" x 3'.6" x $\frac{3}{8}$"	No: 22	26. May	Lowmoor Iron Co:	July	
9'.0" x 3'.6" x $\frac{3}{8}$"	" 10				
6'.0" diam.r x $\frac{1}{2}$"	" 4				
9'.0" x 2'.6" x $\frac{3}{8}$"	" 2				
Iron Swedish, Round, $\frac{3}{4}$"	Tons 2	26. "	Woodcock & Son	Sept:	
Tubes Galloway 6" diam.r, with flanges	No: 4	27. "	T. Bealey	Aug:	

P. W. S. № 70

S. S. C

Rec'd 1st July '81

B/ № 1662 Wg/ 5th July/81

Communicated to the

Officers concerned -

CM

CG!

S W Godavari ✓

Supdt No 14 CC ✓

Genl Supdt P.W. Sluices ✓

Secy

5-7-81

Madras

Public Works Department

Bi-Monthly Return of Stores under provision by the Director-General of Stores for India up to the 31st May 1881

India Office,

London,

10 June, 1881.

A. ABERCROMBIE JOPP,

Director-General of Stores.

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

G & S [265] 500 2/81

Date and Number of Indent, Date of Sanction, and description of Articles.	Quantity.	Date of Contract.	Name of Contractor.	Probable Date of Shipment.	Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.
Public Works Indent d/: 22. April. 1878.					
Supply sanctioned 10. June 1878 - (5.22.)					
Irrigation Extraordinary.					
Machine Iron Planing	No: 1				Supply avoits answer to a letter addressed to the Secy to Govt, Public Works Dept; Enquiring whether these are still required.
" " " Hand	" 1				
Public Works Indent No: P.W.S. 321 d/: 31. May. 1880.					
Supply sanctioned 1. Sept: 1880. (5.77.)					
For the Godaveri Delta.					
Leather Belting, 7" wide	Feet 200	1881. 10. Feb:	Morris & Co:		
Bolts & Nuts 4" x 3/4"	No: 102	21. Feb:	Nettlefold & Sons		Shipped to Coconada per S.S. Camorta (17 May).
Ring Washers I.R. 11" diam: 9" to 6 5/16" thick	" 17	21. Feb:	Cow Hill & Co:		
Public Works Letter No: 197 d/: 20. April 1880.					
Supply sanctioned 9. Sept: 1880. (5.78.)					
Moorings for the Madras Harbor Works.					
Chains Stud Crossed 2 1/4" Iron		1880.			
24 1/2 fathoms long	No: 96	29. Oct.	Brown Lenox & Co.	July	Shipped per Steamer Nerbudda and 30 per S.S. Camorta (17 May).
" " " 1 1/2", Each 24 1/2 fms: long.	" 20	" "	Do		Shipped per S.S. Camorta (17 May)
" Bridle Stud 2 1/2", 366 1/2 fms: Each, with Spindles & Mooring Ring.	" 29	" "	Newall Clayton & Co	Sept	
" Bridle Stud 1 1/2", Each 4 1/2 fms:	" 12	23. Nov:	Brown Lenox & Co.		Shipped per S.S. Camorta (17 May)
Shackles for Connections 4"	" 29	1881.			
" " " 3 1/2"	" 58	23. May	G. Wells	July.	
" " " 2"	" 12				
Apparatus for releasing Buoy Spindles	" 2	15. Mar:	G. Wells	"	Shipped per S.S. Ravenna (28. May).
Annual Indent received with Public Works Letter No: 5. para: 3 - d/: 27. Jan: 1881. (5.80)					
Chains Measuring Iron Galv: 100 ft. with arrows	No: 35	29. April	Elliott Bros.	June	
" " " " 66 " with arrows	" 20				
Mathematical Instruments 1st class	Boxes 40	10. May	— Do —	Aug:	
" " 2nd "	" 50	10. "	W. F. Stanley	Aug:	
Rules Folding Boxwood 3'9" joint	No: 25	10. "	Elliott Bros.	Aug:	
" " " 2'6" "	" 40				
Scales Plotting " with offsets	Sets 40	10. "	W. F. Stanley		
Tapes Measuring Metallic 100 ft:	No: 150	12. "	Chesterman & Co.	July	
" " " 50 "	" 100				

Date and Number of Indent, Date of Sanction, and description of Articles.	Quantity.	Date of Contract.	Name of Contractor.	Probable Date of Shipment.	Shipments (Quantity, Name of Vessel, and Date of Sailing); or Remarks.
Annual Indent — cont.d					
Pumice Stone	tons: 12	1881. 30. April	H. Evans.	— —	Shipped per S.S. Navarino (28. May).
Snake or Water of Ayr Stone	" 2				
Protractors Aldershot	No: 12	10. May	W. J. Stanley	1881. Aug:	
Sketching Cases Staff Pattern	" 12				
Protractors Cardboard, Holtzapffels' Improved	" 12	6. May	Holtzapffel & Co.	June	
Telemeters	" 6				
Tools & Plant.					
Stocks with Taps and Dies to cut Screws from: 1" to ¾"	Sets 2	20. May	Whitworth & Co:	July	
⅝" to 1¼"	" 6				
Taps & Dies for cutting Wood Screws from ¾" to ⅜"	" 6				*Note - ⅜" is the smallest size for Wood Screws.
Weston's Differential Pulley Block to lift 2 tons	No: 1	6. "	Tangye Bros:	July	
" " " " " " 1 ton.	" 1				
Whitworths' Spare Taps & Dies ¼"	" 2	20. "	Whitworth & Co:	July	
" " " " ⅞", ¾", ½", ⅝", 1" Each	4				
Enamelled Iron Gauges 8 ft: & 10 ft:	" 20	12. "	T. Smith	July	
" 14 ft:, 20 ft:, 22 ft:, 24 ft:, 26 ft:, and 28 ft:	" 10				
Prepared Silicate & Prepared Calcium	Each Gals. 60	12. "	Bateman & Co:	July	Note: 30 gallons of the Silicate will be supplied in the Concentrated form, double strength, to be diluted with rain waters to the specified quantity.
Machinery.					
12 H. P. Portable Engines Complete for driving Gwynnes' Centrifugal Pumps, with 10 per cent of spare Boiler Tubes & 1 set of Spare Bearings for each Engine. For the Residency Workshops.	No: 2	12. May	Clayton & Shuttleworth.	Aug:	
Coke for Foundry Purposes	Tons 200	14. April	Gosman & Smith	— —	211 15/20 shipped per S.S. John P. Best (2. May).
Public Works Indent d/: 17. Feb: 1881.					
Supply sanctioned 20 April 1881. (5.82.)					
Boiler Plates, Best Lowmoor, 9'.9" x 3'.6" x ⅜"	No: 22	26. May	Lowmoor Iron Co:	July	
9'.0" x 3'.6" x ⅜"	" 10				
6'.0" diam.r x ½"	" 4				
9'.0" x 2'.6" x ⅜"	" 2				
Iron Swedish, Round, ¾"	Tons 2	26. "	Woodcock & Son	Sept:	
Tubes Galloway 6" diam.r, with flanges	No: 4	27. "	T. Beeley	Aug:	

Order thereon 5th July 1851 & 1662

Communicated to the
Officers Concerned
[Dent Retract]

By C. Rundlow Capt 1st W.
Asst Adjt to Genl Offr

S. W. Godwin Esq
Supt Mr. D. Works
Genl Supt P.W. Stores