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G.O., DATED 24-6-90

No: 450/1/2.

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Despatched in print.

26/6

Despatch Abstract

Indent for Chemicals

Forwarding to the India office
the indent for chemicals & the
stores required for the use of the
Chemical Examiners during 1891-92.

Copy to the Govt. of India.

Forwarding an indent in
duplicate for chemicals &
other stores required for the
use of the Chemical Examiners
during 1891-92.

Back Paper No.

of 1890

Printed Paper No.

of 1890

Govt. of {1890} Madras.
PUBLIC.

Issued

Recd.

Encl.

G.O., &c., 24th June 1890,
Nos. 450-452.

JUNE.

Indent for Chemicals, &

Forwarding to the India Office the for
chemical and other stores required for of
the Chemical Examiner during 1891-PY
to the Government of India.

Despatches

Send original duplicate to India
to U.S. of state
Duplicate copy to the Govt.
of India

Retain quadruplicate copy
in the file

one }
a }
1766 }

60
60
40

450: 3000:
450: 4500:
450: 3000:

one

a

1766

BRITISH ORDER, 1841

BRITISH ORDER, 1841

BRITISH ORDER, 1841

Sept 1841

Ind orig duplicate indent
to H.S. of state
uplicate copy to the Govt.
of India
Main quadruplicate copy
in the office.

Order complete 60
Letter only 60
Order complete with letter 40

450: 3000
450: 4500
450: 3000

3P

Public Department

Order 24 June 1900 No 450

The indents will be for
as added to the India office.

Despatch 9/7/90 No 45-1. of 24/6/90

The Military Department
" Surgeon General with the Govt.
of Madras.
" Accountant General

Letter to the Indian Secretary of State
for India.

I am directed to forward,
for submission to the Right Honorable
the Secretary of State for India, an
indent in duplicate for chemical and
other stores required for the use of the
Chemical Examiner to Government,
during the official year 1891-92.

2. The charge will be a debit against "Provision
Services - Medical."

Despatch 13/7/90
Order 13/7/90

Copy to the Government of
India, Financial Department, with
reference to Military Department
Resolution, dated 16 April, 1883, 18
300, with copy of indents.

1/1/1891

16

24TH JUNE 1890, Nos. 450—452, PUBLIC.

GOVERNMENT OF MADRAS.

PUBLIC DEPARTMENT.

READ—the following paper :—

From W. F. DEFABECK, Esq., M.D., Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated Fort St. George, 9th June 1890, No. 483.

With reference to G.O., No. 824, dated 19th October 1889, I have the honor to submit in quadruplicate annual indent on the Home Government for chemicals, &c., required for the Chemical Examiner's Department for the year 1891-92.

2. The articles indented for are either not procurable locally, or, in the case of chemicals, not procurable of sufficient purity.

No. 249-Med., of 20th May 1890.

3. A copy of memorandum from the Examiner of Commissariat Accounts is herewith sent.

ENCLOSURE.

Memorandum from Major F. BURGESS, Examiner of Commissariat Accounts, to the Surgeon-General with the Government of Madras, dated Fort St. George, 20th May 1890, No. 249-Med.

[Your endorsement, No. 2960, of 16th May 1890, and indent for stores required for the Chemical Examiner, Madras.]

Has the honor to return the above and to state that, as no invoices for provincial stores are received in this office, the rates in the indent cannot be checked.

Attention is requested to G.O., No. 7479, Military Department, of 30th October 1889, by which it was decided that indents for stores required for the Chemical Examiner should be sent to the Public Department direct.

ORDER—dated 24th June 1890, No. 450, Public.

The indent will be forwarded to the India Office.

(True Extract.)

J. F. PRICE,
Chief Secretary.

To the Military Department.
„ Surgeon-General with the Government of Madras.
„ Accountant-General.

*Indents forwarded to
Home Government*

24/6

LETTER—to the Under Secretary of State for India, dated Ootacamund, 24th June 1890, No. 451, Public.

I am directed to forward, for submission to the Right Honorable the Secretary of State for India, an indent in duplicate for chemical and other stores required for the use of the Chemical Examiner to Government, during the official year 1891-92.

2. The charge will be a debit against "Provincial Services—Medical."

J. F. PRICE,
Chief Secretary.

ENDORSEMENT—dated 24th June 1890, No. 452, Public.

Copy to the Government of India, Financial Department, with reference to Military Department Resolution, dated 16th April 1883, No. 300, with copy of indent.

Henry D.
Under Secy J.F.P.
for Chief Secretary.

Govt. of {1890} Madras.
PUBLIC.

Issued

Recd.

Encl.

G.O., &c., 24th June 1890,
Nos. 450-452.

JUNE.

Indent for Chemicals, &c

Forwarding to the India Office the indent for chemical and other stores required for the Chemical Examiner during 1891-92 to the Government of India.

Public (1890) DEPARTMENT.

3/12/90 No. 978-59 Mad.

From

THE SURGEON-GENERAL WITH THE
GOVERNMENT OF MADRAS,
Fort St. George.

No. 483

Dated

Recd.

9th June 1890.

No.

Encl. 4.

SUBJECT.

Submits in duplicate
an Indent on the Home Govt.
chemicals required for
Chemical Examiner's Deptt.

1891-92.

OFFICE OF SURGEON-GENERAL
WITH THE GOVERNMENT OF MADRAS,

Fort St. George, 9th June 1890.

No. 483

From

THE SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS,

FORT ST. GEORGE,

To

THE

Chief Secretary to Government,
Public Department.

SIR,

With reference to G.O. No. 824 dated 19th October 1889, I have the honor to submit in quadruplicate Annual Indent on the ~~same form~~ for chemicals required for the Chemical Examiner's Department for the year 1891-92.

2. The articles indented for are either not procurable locally, or in the case of chemicals, not procurable of sufficient purity.

3. A copy of Memo from the Examiner of Commissariat Acco is herewith sent.

I have the honor to be,

Sir,

Your most obedient Servant,

Surgeon-General with the Govt. of Madras.

indents for stores required for the Chemical Examiner should be sent to the Public Department direct.

(Signed) F. Burgus, Major
Examiner of Commissariat Acco.

(True copy)

W. H. S. S. S.
Surgeon General

With the Govt. of Madras.

Pub. No. 450-52
24-6-90

no 12 247 of 107
Examiner of Commissariat Accounts
Madras. Fort St. George 20 May 1890

From The Examiner of
Commissariat Accounts
To The Surgeon General
with the Govt. of Madras

Your endorsement No. 2960 of 16th
May 1890 and indent for stores required
for the Chemical Examiner, Madras.

Has the honor to return the
above and to state that as no
invoices for provincial stores are
received in this office the rates in
the indent cannot be checked.

Attention is requested to
Government Order No. 7479, Military
Department of 30th October 1889,
by which it was decided that
indents

Annual Indent No. on England for Stores required in the Medical Department.

Names of Articles.	Revenues to which Cost is chargeable (Imperial, Provincial, Local, Mysore or Berar).	Imperial Head of Account or grant to which chargeable.*	Established Proportion.	How Established Proportion is calculated.	Number or Quantity in Store on 31.3.90	Number or Quantity due on previous Indents.	Number or Quantity now Indented for.	Rate.	VALUE			Remarks.	Proposed to be included.	Shipped or number shipped.	Really Shipped.
									Of Number or Quantity due on previous Indents.	L. S. d.	Of Number or Quantity now indented for.				
Inspirators glass, Capacities 25 to 30 pints			2	Consumption for 3 years	0		2	15			1 10				
Basins, glass, Bohemian and deep with spout and ground edge, capacity 5 oz.			15	Consumption for 3 years	3		12	5			5				
Basins, evaporating, Inconven (Dresden) porcelain, with spout, rising then in body, glazed inside & outside except a small place on the bottom outside, per 5			34	do	5	21	24	9	15 9		18	Required for Stock ordered by 14 972 & dated 15 September 1897			
do do 5 1/2			21	do	5	13	12	12	15 2		14	do do			
do do 6 1/2			12	do	2		10	18			10 8				
do do 8 1/2			18	do	0	6	18	3	18		2 14	do do			
Basins, evaporating, platinum, with spout, per 3 1/2															
Capacities 6 oz			1	do	0	0	2	7			14	do do			
Baths Sand, in 100 lb. casks, moveable, 100 lb. x 1/4 deep on strong iron stands, with S. form Gas Burners, arranged for raising or lowering J & M. No. 523				Not previously indented for			1	15			15				
									2 8 11 21 12 8			Consumers			

* This column will be blank if the charge is not debitable to the Imperial Revenues.

† These are to be left blank for the Director-General of Stores to fill up.

Annual Indent No. on England for Stores

Names of Articles.	Revenues to which Cost is chargeable (Imperial, Provincial, Local, Mysore or Berar).	Imperial Head of Account or grant to which chargeable.*	Established Proportion.	How Established Proportion is calculated.	Number or Quantity in Store on 31.3.90	Number or Quantity due on previous Indents.	Number or Quantity now Indented for.
Beakers glass, Buxton's make for hot solutions. G. Disp.							
144144, Capacity 15 to 48 oz.			12	Consumption for 3 years.	7		5
Beakers, Bohemian glass, Sumner form with spout Capacity 5 to 12 oz.			15	do	9		12
Beakers, Amial, precipitating with spout, tall & narrow Capacity 2 pints			5	do	2		3
Bottles, german glass, with accurately fitting ground round (P) stopper, for shaking out with ether, height without stopper 8 1/2, diam of the body 3, diam at mouth 1 1/2 inch.			18	do	9		9
Bottles, specific gravities, with stopper, 24 in 12.53 new Catalogue 1000 grams				as at previous indent for			2
Books Cantohane solid diam at smallest end 1/2 in				do			6

* This column will be blank if the charge is not debitable to the Imperial Revenues.

Chem. Examiners required in the Medical Department.

Rate.	VALUE						Remarks.	Proposed to be provided.	Shipped or under provision.	Remarks.
	L. S. d.	Of Number or Quantity due on previous Indents.	L. S. d.	Of Number or Quantity now Indented for.	L. S. d.					
Brought forward		2 8 11		21 12 8						
3 2				15 10						
1 3				15		Required for stock report G. O. at 972 St. dated 6 September 1897				
1 3				3 9						
9				6 9						
7				14						
3				1 6						
2 8 11				24 9 6		Carried over				

† These are to be left blank for the Director-General of Stores to fill.

Annual Indent No. on England for Stores

Chemb. Examiner's required in the Medical Department.

Names of Articles.	Revenues to which Cost is chargeable (Imperial, Provincial, Local, Mysore or Berar).	Imperial Head of Account or grant to which chargeable.*	Established Proportion.	How Established Proportion is calculated.	Number or Quantity in Store on 31.3.20	Number or Quantity due on previous Indents.	Number or Quantity now Indented for.
Borks, Cambric Solid, dead							
at small end 3/4"	N2			Not previously granted for			6
do do 1"	N2			do			6
do do 1 1/2"	N2			do			3
Glasses, wide mouth, strong,							
for mixing, hard german							
glass capacity 4 oz	N2			do			12
Glasses, hard german glass,							
with phial top and							
flat bottom, 3 x 1 1/2							
587. C. new Catalogue,							
capacity 12 oz.	N2		13	Consumption for 3 years	7		6
do do 10 oz	N2		12	do	6		6
Glasses, measuring, graduated							
at one mark, to deliver							
precise quantities, capacity							
500. C.C.	N2		2	do	1		1
do do 200 C.C.	N2		4	do	0	2	2
Gummed, safety, with one							
bulb, 3 x 1 1/2 601 new							
Catalogue,	N2		7	do	3		4

* This column will be blank if the charge is not debitable to the Imperial Revenues.

Rate.	VALUE		Remarks.	Prepared to be provided.	Shipped or under provision.
	Of Number or Quantity due on previous Indents.	Of Number or Quantity now indented for.			
L. S. d.	L. S. d.	L. S. d.			
Brought forward	2 8 11	24 9 6			
• 4		• 2 •			
• 5		• 2 6			
• 10		• 2 6			
• 4		• 4 •			
• 4		• 2 •			
• 3		• 1 6			
• 12		• 1 2			
• 9	1 6	1 6			
• 5		• 1 8			
	2 10 5	25 8 4	Carried over		

† These are to be left blank for the Director-General of Stores to fill up.

Annual Indent No. on England for Stores

RECEIVED *Chem. Examiners*
required in the Medical Department.

Names of Articles	Revenues to which Cost is chargeable (Imperial, Provincial, Local, Mysore or Borar).	Imperial Head of Account or grant to which chargeable.*	Established Proportion.	How Established Proportion is calculated.	Number or Quantity in Store on 31.3.20	Number or Quantity due on previous Indents.	Number or Quantity now Indented for.
Jar, glass, cylindrical on foot, with ground glass stopper, not graduated, 11 height, 1 inch diam.				Not previously indented for			6
Jar, glass, measuring, on foot, with spout, graduated in tenths							
Capsule, 25 C.C.			2	consumption for 3 years	1		1
Retort glass tubulated and stoppered capsule 1 1/2 pint			23	do	1		22
Rubber discs, for Fletcher's Foot Blower No. 5			4	do	2		2
Siphon, with suction tube G. J. 1703, large size			3	do	0		3
Reassembled, forms, for drying precipitates diamet 5"			3	do	0		6
Subs test, best. Bohemian glass, for boiling & heating 6 x 3/4"			7 1/4	consumption for 3 years	1/2	5 1/4	4
do do 6 x 1/2"			6	do	1	3	2

Rate.	Of Number or Quantity due on previous Indents.	Of Number or Quantity now indented for.	Remarks.	Proposed to be provided.	Shipped or under provision.
<i>L-S-d</i>	<i>L-S-d</i>	<i>L-S-d</i>			
Brought forward	2 10 5	25 8 4			
1.		6			
1.		1			
12		1 5 0			
29		5 6			
16		4 6			
6		3			
9	3 11	3	do do		
7	1 9	1 2			
2 10 1	27 18 2		<i>Carried over</i>		

* This column will be blank if the charge is not debitable to the Imperial Revenues.

† These are to be left blank for the Director-General of Stores to fill up.

Annual Indent No. on England for Stores

Names of Articles	Revenues to which Cost is chargeable (Imperial, Provincial, Local, Mysore or Berar).	Imperial Head of Account or grant to which chargeable.*	Established Proportion.	How Established Proportion is calculated.	Number or Quantity in Store on 31.3.90	Number or Quantity due on previous Indents.	Number or Quantity now Indented for.
Leubing, Caoutchouc, red							
diameter $\frac{1}{4}$ inch			194	Consumption for 3 years	140	56	98
do do $\frac{5}{8}$			12	do	3		9
do do $\frac{3}{4}$			11 $\frac{1}{2}$	do	3 $\frac{1}{2}$		8
Provincial							

* This column will be blank if the charge is no debitable to the Imperial Revenues.

required in the Medical Department.

Rate.	VALUE						Remarks.
	Of Number or Quantity due on previous Indents.			Of Number or Quantity now indented for.			
L.S.d.	L.S.d.	L.S.d.	L.S.d.	L.S.d.	L.S.d.	L.S.d.	
Bruggs for use	2	10	1	27	18	2	
. 4 .	18	8	1	12	8		
. 10				13	6		
. 2 .				16			

Annual Indent No. on England for Stores

Names of Articles.	Revenues to which Cost is chargeable (Imperial, Provincial, Local, Mysore or Berar).	Imperial Head of Account or grant to which chargeable.*	Established Proportion.	How Established Proportion is calculated.	Number or Quantity in Store on 31. 3. 90	Number or Quantity due on previous Indents.	Number or Quantity now Indented for.
<u>Chemicals</u>							
Acid Acetic <u>pure</u> <i>th</i>			8	Consumption for 3 years	14		4
do Carbolic <u>pure</u> crystals <i>th</i>			2	do	1		1
do Hydrochloric <u>pure</u> <i>th</i>							
<u>free from arsenic</u> <i>th</i>			223	do	12	73	138
do Nitric <u>pure</u> <i>th</i>			12 1/2	do	24 1/2	32	10
Alcohol Amylic <i>fruits</i>			6	Estimated Consumption for 3 years	0	2	4
Ammonia Liq. <i>fruits</i>							
<i>sp. gr. 880</i> <i>th</i>			33	Consumption for 3 years	17 1/2		10
Ammonium Chloride <i>th</i>							
<u>pure</u> crystallised <i>th</i>			5	do	3		2
do Oxalate <u>pure</u> crystallised <i>th</i>							
<u>pure</u> <i>th</i>			2	do	2		1
Chloroform <u>pure</u> , made from <u>pure</u> Spirit <i>th</i>							
in 5 stoppered bottles <i>th</i>			10	do	0	5	5
Ether <u>absolute</u> , from <u>pure</u> Spirit <i>th</i>							
<i>sp. gr. 720</i> <i>th</i>			4	do	0		4
Ether, from <u>pure</u> Spirit, washed, <i>sp. gr. 730</i> <i>th</i>			40	do	7	40	39
Iron Sulphide <u>pure</u> <i>th</i>			35	do	10	15	10

* This column will be blank if the charge is not debitable to the Imperial Revenues.

Chemical Examiner's required in the Medical Department.

Rate.	VALUE				Remarks.
	Of Number or Quantity due on previous Indents.	Of Number or Quantity now Indented for.			
<i>L-S-d</i>	<i>L-S-d</i>	<i>L-S-d</i>			
<i>Brought forward.</i>	3	14.9	31	0	4
• 0			0	2	
• 44			0	4	4
• 8	2	8	4	12	
• 14	2	2	8	13	4
• 26		5		10	
• 14				13	4
• 1				2	
• 28				2	8
• 46	1	2	6	1	2
• 6				1	4
• 50	12		10	14	6
• 6	7	6		5	
	22	1	51	6	

Obtainable in India but not sufficiently pure for chemical analysis.
do do do
Required for stock as per G.O. No. 972 dt. 6th September 1897
Required for stock as per G.O. No. 972 dt. 6th September 1897

The price of Ether due on previous indent was calculated at 6 S. apound.

Carried over

† These are to be left blank for the Director-General of Stores to fill up.

Annual Indent No. on England for Stores

Names of Articles.	Revenues to which Cost is chargeable (Imperial, Provincial, Local, Mysore or Berar).	Imperial Head of Account or grant to which chargeable.*	Established Proportion.	How Established Proportion is calculated.	Number or Quantity in Store on 31.3.90	Number or Quantity due on previous Indents.	Number or Quantity now Indented for.
Mercerous chloride (Catamel) 2			1/4	Consumption for 3 years	1/4		1/2
Potassium oxide, purified by Alcohol 10			11	do	0	6	5
Silver nitrate, pure crystals 10			11	do	2	6	3
Sodium Carbonate pure dry 10			3	do	3		3
do Phosphate pure 10			2	do	2		2

Madras
21 April 1890

Chemical Examiners
required in the Medical Department.

Rate.	VALUE.						Remarks.	Exposed to be provided.	Shipped or under provision.	Remarks by the Medical Officer.
	Of Number or Quantity due on previous Indents.	Of Number or Quantity now indented for.								
L. S. do	L. S. do	L. S. do								
Brought forward.	22	1	1	57	6	0				
4						6				
4	1	4		1			Obtainable in India but not sufficiently pure for chemical analysis.			
38	1	2			11		do do do			
2					6		Required for stock kept by G.O. No. 972 L. of 6 September 1889			
1					2		do do do			
24	7	1	53	5	6					
							<u>W. Vandyke</u> M.B.C.M.F.C.S.F.I.C. Chemical Examiner			
							<u>W. Vandyke</u> Chugger General with the Medical Officer			
							9 June/90			

W. V. V. V. V. M.B.C.M.F.C.S.F.I.C.
Chemical Examiner

9 June 1900
with the Madras Govt