

Revenue (1897) Department.

MISCELLANEOUS SERIES.

G.O., No.

1296

DATED

12/1/97

[Despatch Abstract.]

*Transmitting to the Secretary of State
for India the forecast of the stores
required by the Salt and Alkali Dept-
during the year 1898-99.*

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Revenue (1897) Department.

CURRENT No.

From

The Secretary to the Commission
of Salt, Abkari & Opium Revenue

Order

Ins. No. 3823.

Dated 2nd September 1897.

Received

Registered

Enclosures

Spare copies

SUBJECT.

Submitting to Government
the forecast of stores re-
quired from England for
the use of the Salt
and Abkari Department
during 1898—99.

A. K. M.

10.12.97.

BACK PAPERS.

G.O.	No.	Department.	Date.
	3733		17-8-86

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Forecast of stores required from England for 1898-99 for the use of the Salt and Abkari Department.

Description of Articles

	No. required	Rate of each article	Total value	Total head debitable.
Beaume's Hydrometers for testing brine	20	4.6	4.6	10
Basil's Hydrometers glass 5 tubes in make -				
gany Cases with thermometers test glasses, and	12	5	10	66
book of tables complete.				
Basella's Saccharometers glass 3 stem 990-1040				
1040-1090, 1090-1140. or 970-1030, 1030-1090, 1090-	60			Value not known.
- 1150.				
Docks brass Revenue for use with labels	150	15.6	116	5
with duplicate keys 5 1/2" x 3 1/4"				
Docks brass Revenue for use with labels	50	14.3	35	12.6
with duplicate keys 2 1/4" x 1 1/4"				
Steel tapes 100 feet	2			Value not known.
Brass buttons for petty officers and peons with	175		17	13
the inscription "Salt, Abkari & Customs"	gross			17
Glass jars on foot 14"	12	2	1	4
- Scientific Apparatus and Chemical Re-agents -				
Balance to carry 500 grammes indenting				
1/10 m.g. with agate knife edges and planes,				
under slide and pan supports, plate glass	1		21	
bottom, Oerling's, 6 1/2" triangular beam.				
Balance, 14 inch beam, Oerling's fitted as	1		18	18
shown but without plate glass bottom				
Analytical weights:- set, 1 m.g. to 500 grammes	1		2	7
Do set, 1/100 grain to 1000 grains	1			15

Spare

Salt
Imperial

Description of Articles

Description of Articles	No. required.	Rate of each article.		Total Value	To what head debitable
		£	s. d.	£ - s. d.	
Share riders, 1/10 grain	24			8	
— do — 1 m. g.	12			4	
Microscope with A and B (eye pieces, coarse and fine rack adjustment, mechanical stage, fitted with iris diaphragm (say Newton and Heath, about)	1			18	
do Accessories :-					
Lamp					
Condenser 2"				10	
Turntable, spring	1			6	
Heating Table				3.6	
do Lamp for				2.6	
Hand forceps	1			2	
x Microscope Accessories					
stage forceps	2			5	
glass slides 3" x 1"	144			5	
Cover glasses, circles, 1/200	13			8	
— do — do 1/150				6	
do — do 1/80				5	
do — do 1/32				1.5	
Polariscope, revolving analyzer	1			15	
Ophthalmis, 2"				15	
" 1"				2	
" 1/2"				10	
" 1/4"				6	
" 1/8"				10	
" 1/32"				5	
£ Vulcanite rings for cells, circles	144				

Imperial Unit.

Description of Articles

Beer distilling apparatus, as used in the Government Laboratory, London —

Description of Articles	No. required.	Rate of each article.		Total Value	To what head debitable
		£	s. d.		
Stands	6			10	
glass Condensers	12			3	
Flasks, about 1600 grains	36			12	
Measures 500 "	6			9	
" 1000 "	6			12	
Distilling jars 2. 30 ounces	24			18	
Boiling flasks	72			4	
Testing goblets, 8 oz. cylindrical	12			8	
Rubber stoppers, 1 hole, flask (24) and Condenser (48)	72			1	
Thermometers ^{small} for flasks and 8-9 bottles, 12 of each	24			3	
Specific gravity bottles with case and counter poise 1000 grains	3			12	
do — do — 100 grammes	1			4	
Specific gravity bottles without case and counter poise 1000 grains	12			1	
do — do — 100 grammes	6			12	
6 Blowpipe for methylated spirit, 3 1/2" flame	1			10	
Screwdriver, watchmakers 1/8"				1	
do — do 1/16"	1			1	
Copper binding wire	1/6			1.6	
Porcelain mortars and Pestles 4"	2			3	
" " 6"	2			4	
glass mortars and pestles 6"	2			4	

Imperial Unit.

Description of Articles

Description of Articles	No. required	Rate of each article		Total Value	To what head debitable
		£ s. d.	£ s. d.		
Spatulas German Silver 4"	6			8	
steel 8"	6			10	
Pliers, cutting	2			5	
round nosed	2			3	
Punchcocks, screw 1/2"	2			10	
screw 3/4"	12			12	
Leak borers, sets of 6	2			6	
Leak squarener	1			2	
borks, finest, Assorted for Apparatus	144			8	
Files, triangular	6			3	
" 1/2 round, Rasps	6			4	
Caoutchouc stoppers, Assorted with 1, 2 holes,					
diameter 1/2"	24			2	
3/4"	24			4	
1"	24			8	
1 1/2"	12			8	
Water bottles, glass with neck at side 4 pints	6			12	
Rebort holders, tubes, to up to 2 inches	2			15	
Condensers do on stand with uni- versal motion	2			1	
Hinged wooden clamps on stands, Bunsen's					
Small Blackwood	2			10	
Large "	2			14	
Table Supports, wood, loaded feet 6"	2			10	
Funnel holders, 2 funnels, small black	2			10	
Test tube stands 24 tubes, 2 stages	1			4	
Glass measures, opaque 40 ozs.	2			16	

Imperial Salt

Description of Articles

Description of Articles	No. required	Rate of each article		Total Value	To what head debitable
		£ s. d.	£ s. d.		
Glass measures, 10 grammes, graduated	2			2	
Chemical Clinical Thermometers, F. scale, 212	3			6	
Beaume's Saccharometer, adjusted at 84° 70-70				2	
Argand Spirit lamps	2			2	
Wicks for "	72			5	
Barthel Spirit Bunsen Burner, 8" flame	1			10	
Startop Burner	1			1	
Richard Spirit lamp with Regulator	1			5	
Wicks	24			2	
Hot water oven, with water gauge and thermometer					
opening and block tin Condenser 14x10x10	1			4	
Copper water bath 4 openings 8x8x2 1/2	1			10	
Tripod	1			1	
Dessicating pans 4"	3			6	
Exsiccator on wooden stand, 6"				8	
Flasks, Bohemian-glass, 4 oz	12			4	
do 8 oz	12			6	
do 20 oz	6			4	
do 80 oz	2			3	
Flasks thin, flat-bottomed, welded mouth, sugar reducing	24			4	
Beakers, sets, 1 to 48 oz, Baxxelin's narrow	2 sets			10	
" 80 oz, tipped	6			10	
" 40 oz	12			5	
" 1 1/2 oz	12			3	
Bottles free from lead, narrow, stoppered, German, 40 oz	36			9	
" 80 oz	24			8	
" 160 oz	12			10	

Imperial Salt

Description of Articles

Description of Articles	No. Required	Rate of each article		Total value	To what head debitable
		£	s. d.	£	s. d.
Bottles, free from lead, narrow stoppered German 1/2 pint	12			10	
" " " " " 4 pints	12			18	
Ether bottles, caps, 8 oz.	2			5	
Bottles, German, wide mouth stopper 8 oz.	12			5	
" " " " 16 oz.	24			15	
" " " " 2 pints	6			8	
Air tight covered stone jars 4 quarts	12			10	
Glass funnels rubber 4"	6			2	
" " " " 6"	6			8	
Filter papers, ordinary, 7 1/2"	1000			8	
" " " " Swedish 7 1/2"	1000			12	
Pyramid filter case, 6 shelves	1			7	
Separatory funnels, stopper and stopcock, 20 oz	2			8	
Glass covers for funnels 6"	12			2	
" " " " 8"	12			4	
Pipettes 5 c.c.ms not graduated	6			2	
" 25 " " "	3			2	
" 50 " " "	3			2	
" 100 " " "	2			2	
" nests 3" square, 4 fluted	3			3	
" 5 c.c.ms. divided into 1/10 c.c.	6			4	
" 25 " " "	3			4	
" 50 " " "	3			6	
Syphons with suction tube glass 1/2" short limb	3			2	
Wash bottles 20 oz.	12			10	
" " " " 40 oz.	12			18	
Porcelain Basins, shallow, 2 3/4"	12			3	

Imperial

Description of Articles

Description of Articles	No. Required	Rate of each article		Total value	To what head debitable
		£	s. d.	£	s. d.
Porcelain Basins, shallow 4"	12			6	
" " " " 6"	12			15	
" " " " 10"	6			18	
Clamp for holding watch glasses in pairs	6			2	
Retorts, stoppd., 16 oz.	12			10	
" " " " 40 oz.	12			15	
Leiche's Condenser, glass 36 x 1 3/4	2			10	
Condenser stands wood with clamps	2			1	
Thistle funnels 8" length	12			2	
" " " " 12"	12			2	
Rubber tubing, best quality red 1/4"	18 ft.			6	
" " " " 3/8"	24			12	
" " " " 1/2"	24			1	
" " " " 1"	12			10	
Kipp's apparatus, 6" diameter globes	2			14	
Pneumatic trough, stoneware, beehive. shelf 11 x 5	2			6	
Test tubes, 2 x 1/4	144			2	
" " " " 3 x 1/2	144			3	
" " " " 4 x 5/8	72			5	
" " " " 5 x 1/2	72			5	
" " " " 6 x 3/4	72			7	
Test papers, Red and blue litmus, starch and lead	12			5	
Phenol. Phthaline	12			2	
Burettes, Bribb's, stand for 4 Burettes + bottles	1			2	
Measuring flasks, 25 c.c.ms. plain	12			5	
" " " " 50 c.c.ms. "	12			6	
" " " " 70 c.c.ms. "	6			4	

Imperial

Desc	Description of Articles	No. required	Rate of each article		Total Value	To what head debitable
			£	s d		
Bottle	Measuring flasks, 250 ccms, stoppered	2			2.00	
"	— do — 500 " "	2			3.00	
Ether	— do — 1000 " "	2			4.00	
Bottle	Porcelain slabs, 8"	2			8.00	
"	Glass tubing, soft, 6" small, 3 lbs dried: 3, 3/4 to 1 in	12			10.00	
Air	Glass rod of lines	10			10.00	
fl	Test tubes & squeezers	24			5.00	
	Platinum wire	1 foot			2.00	
Fi	— Reagents required from Europe —					
	Acid, Acetic, glacial, 60°	80x			2.00	
P.	" Arsenious pure	16			8.00	
Se	" Boracic, cryst.	16			1.00	
fl	" Hydrochloric pure	6 lbs			2.00	
"	" Nitric	6			3.00	
fl	" Oxalic	1			16.00	
"	" Phosphoric	1			4.00	
"	" Pyrogallie	20x			2.00	
"	" Salicylic	8 1/2			4.00	
"	" Sulphuric	6 lbs			2.00	
"	" Tartaric crystal	1/4			2.00	
	Alcohol, absolute	1			5.00	
	alum. chrome	2			1.00	
	Ammonia S.g. 880	6			3.00	
	Ammonium chloride pure	5			4.00	
	" molybdate	1			5.00	
	" Oxalate	1			2.00	

Imperial Salt.

Description of Articles	No. required	Rate of each article		Total Value	To what head debitable
		£	s d		
Ammonium Sulphide sol.	6 lbs.			3 6	
Barium chloride pure	6			4	
Calcium carbonate (Island Spar)	80x			5	
" chloride pure	6 lbs			9	
Copper sulphate	6 lbs			7 6	
Ether pure 720	1			6 6	
Fish oil pure	1			2	
Iron sulphate, proto, pure	6			2	
" sulphide granular	24			10	
Lead sub-acetate	4			3	
Manganese oxide pure	1			4	
Microcosmic salt	2			5	
Mercury perchloride	1			4	
Pott Potassium Bichromate crystals	2			3	
" and Soda Bitartrate (Rochelle salt)	2			2 6	
" chromate	2			5	
" cyanide, sticks	1			2 6	
" Ferricyanide	1			4 6	
" Ferrocyanide	1			2 6	
" Caustic sticks	2			2	
" Permanganate, pure	2			4	
Silver Nitrate	40x			10	
Sodium Bi-carbonate pure	4 lbs			4	
" Hypo sulphite, re-cryst.	4			3	
" Caustic sticks	2			2 6	
" Hypophosphite	4			4	
Strontium Nitrate, pure	2			3	

Imperial Salt.

7

5

Statement
will be submitted as soon as
complete information is received
from the districts.

(True Extract)

Communicate
Assistant Secretary.

The Secretary to Government
Revenue Department
With a statement.

7-9-97

List

sp.
18/9

Cus. 79 D4

G.O. No 4890 d/16 Sept 97

Ordered that
this forecast be for-
warded to the Rt. Hon^{ble}
the Secretary of State
for India

11/6/97

16/9/97

The Board of Rev. (Sept. 19)
No: 51 d 23 Sept. 1897

Sept 20/97

To
The Asst. Under Secretary
of State for India

Sir,
Adverting to the
Despatch from the Rt.
Hon^{ble} the Secretary of
State for India, dated
31st March 1887 No. 100
I am directed to for-
ward a copy of the
Proceedings of this
Govt embodying a
forecast of the stores
required by the Salt

G.O. No 7984 d/15/97

will be year 1898-99.
 I am to add
 that the forecast for
 the Customs Department
 will be separately for-
 warded, as soon as com-
 -plete information called
 for by the Board of
 Revenue is received.

[Signature]

CR.
 16/9/97

When given for copying _____
 When copied _____
 When examined _____
 When signed _____

189

READ AGAIN G.O., No
 189

GERRY N.

ENCLOSURE TO C. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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 IN ORIGINAL.

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