

Home (1918) Department.

Education

Ordinary SERIES.

G.O. No. 658

DATED 22-5-18

INDEXED

[Despatch Abstract.]

Glass machinery.-

Authorising the Officer in charge of the Department of Industries to despatch the ----- in the Madras Glass Factory to the Director of Industries in the United Provinces.

PAPERS PUT UP WITH CURRENT No.

Papers of the department to which the current belongs.

Number.	Date.	Original (=O) or spare copy (= S.C.).	Remarks (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department

Papers of other departments.

Department.	Number	Date.	Original (= O.) or spare copy (= S. C.).	Initials with date of (1) Referencer acknowledging returns of the paper concerned or (2) Despatcher to denote the return of the papers to the department concerned.

C.F.—29.

DEPARTMENT.

Received *12/5/18* 191 . Registered *13/5/18* 191 8

Subject.

Urgent
Glass Machines. Regarding the disposal
of ----- to the United Provinces
Government.

ENCLOSURES.

No.

Spare copies

Rec No. 481 of 1917-18

Station *Madras*, Dated the *9th May* 191 8

From (Name) *G. A. Innes, Esq., I. C. S.,*

(Designation) *Director of Industries, Madras.*

To The Secretary to the Government of Madras,

Home (Education) Department.

Sir,

(W) I have the honour to refer to G.O. No. 635 Home (Education) dated the 14th May 1917 recording the report of the Committee convened by Government to consider the position in regard to glass manufacture in Madras. The Glass machinery has since been standing idle, and I have for a considerable time past been in communication with the Indian Munitions Board in reference to the advantages of utilising the bottle making plant and glass machinery, at a suitable centre, to meet the requirements of the Government Departments and to reduce the demands on the United Kingdom for glass bottles which might be satisfactorily manufactured in India if the plant was installed in a

suitable working factory. The Munitions Board deputed an officer to inspect the chief glass factories in India with a view of selecting the factory which offered the best facilities for the operations of the plant, and as a result of this enquiry the Allahabad Glass Factory was considered to be the most suitable. The Director of Industries in the United Provinces subsequently put up proposals to the Government of the United Provinces for the purchase of the plant, and Mr. Elland their Glass Expert came to Madras recently and selected the machinery required, a schedule of which is attached. I have now received a telegram from the Director of Industries in the United Provinces requesting me to have the machinery packed and despatched immediately the price to be settled in agreement with his Government. I accordingly request that I may be authorized to despatch the glass machinery scheduled in the attached list, and to settle in consultation with the United Provinces Government the price to be paid for the machines and accessories.

2. As Mr. Elland has left a Mechanic in Madras to witness the packing of the machinery I request that very early orders may be passed.

I have the honour to be,
Sir,
Your most obedient servant,

Calum
For Director of Industries.

M.N.

List of Glass Machinery.

Item No.	Particulars.	No.	Approximate original price.
1	Steam driven direct acting double cylinder air compressor or Engine by Tilgman's patent Sand Blast and Co. with one air reservoir drum 24" x 60" and adjustable high speed Governor Valves etc. Working capacity 30 lbs. per sq. inch.	1	1,500.
2.	Belt driven air compressor engine with jacketed air cylinder by Juline Fardt Dresden working air pressure 5 lbs. per sq. inch. with one air receiver drum 48" x 21".	1	750.
3.	Forster's patent automatic bottle blowing machine with each with one set of moulds each to produce 1000 bottles per shift of 9 hours.	4	18,600.
4.	Double bottle blowing machines of the above patent type with two sets of moulds attached each to produce 1500 bottles in 9 hours.	2	13,950.
5.	Codd's neck finishing machines mounted on C.I. stands.	6	1,350.
6.	Petrol furnace mounted on C.I. stand for heating the necks each with one gun metal oil burner.	2	200.
7.	Spare Oil burners for above.	5	250.
8.	Codd's automatic pressing machines for manufacturing bottles with one mould and one air pump attached to each press.	8	1,600.
9.	Modern American Glass Press by T.A. Grosse mounted on a four wheeled Iron truck complete for manufacturing roofing tiles, wall tiles, plain and ribbed plate glass.	1	1,500.
10.	Indian Tile Press.	1	200.
11.	A wooden chamber used for sand blasting.	1	25.
12.	Electric table fans 16" sweep.	4	180
13.	Forster bottle blowing machines Soda bottle moulds.	4	480.

40,585-4

14.	Blocks or metal receivers of the the above machine.	6	150.
15.	Bottom forming caps of the above machines.	10	20.
16.	Codd's bottle moulds, Soda bottle	21	1050.
17.	Codd's 36 oz. Whisky bottle.	5	150.
18.	Chemists bottle brass moulds.	7	35.
19.	Jar moulds large size	3	75.
20.	do small size.	3	45.
21.	Chimney moulds.	2	80.
22.	Tumbler and miscellaneous moulds	9	300.
23.	Roofing tile moulds.	2	350.
24.	Wall tile moulds.	3	150.
25.	Spring neck shears complete with rollers for soda bottles.	25	200.
26.	do for condiment bottles	3	30.
27.	Bottle cutting scissors.	4	10.
28.	Ball taking nipples.	13	13.
29.	Bottle taking spring nipples.	25	15.
30.	Spare neck shear spring sets.	95	95.
31.	Bottle receivers.	24	36.
32.	Stands for keeping blowers tools.	7	14
33.	Rest block for metal taking rods.	2	8
34.	Spoons for taking metal.	4	8
35.	Casting iron blocks for shaping metal	12	100.
36.	spring shear necks.	97	97.
37.	Metal making rods.	15.	25.
38.	Spare blow pipe ends.	22	
39.	Glass marbles for soda bottles.	70 gross	60.
40.	Pulsometer centrifugal pump 2 1/2" Suction 2" delivery with foot valve and pipes 35' long.	1 set.	175.
41.	A 2 1/2" Lift pump with foot valve and 25' piping.	1 set.	75.

43,948

Shafting, pulleys, brackets, and bearings and piping.

C.I. Wall bracket adjustable	8
W.I. Wall bracket.	9
C.I. Wall Boxes.	3
Pulleys of sizes.	18.
Plummer blocks. 3 $\frac{1}{2}$ " with C.I. bearing.	3
do 2 $\frac{1}{2}$ " do	1
do 2 $\frac{1}{4}$ " do	7
Plummer blocks 2 $\frac{1}{4}$ " with brass bearing.	2
do 1 $\frac{1}{2}$ "	2
do with ring lubricators 2 $\frac{1}{2}$ ".	7
Shafting 3 $\frac{1}{4}$ ".	15 feet.
" 2 $\frac{1}{4}$ "	20 "
" 2 $\frac{1}{2}$ "	30 feet.
" 2 $\frac{1}{4}$ " (rusty)	15 feet.
Steam piping of sizes. 1 to 2 $\frac{1}{2}$ ".	250 feet.

XXXXXX

Home (Edn) Dept.
CR 1246A. From the Officer in charge
of the Dept. of Industries No. 48189-5-18.

Subject. Disposal of the
glass machinery

Phase see G.O. No. 635-Home
(W) (Education), dated the 14th May 1917,
~~passed~~ and the notes therewith
in which the Govt. decided
to discontinue the glass ex-
periments. ~~It is not likely that~~
~~any~~ No new experiments are
likely to be initiated in the
near future. The glass machinery
has been lying idle for some
time past and ~~it is not likely~~
presumably no use can be
found for it in this Presidency.
The proposal to send it to the
United Provinces may therefore
be accepted. A draft order
is submitted for approval.

8K
18/5/18. It may be sent (no) to India for
acceptance.

S
J. L. S. 14/5/18
2e (no)



CURRENT NO.
4022
FINANCIAL

485

Home (Edn) No. 1246A-1
14-5-18

What about incl. provincial
admin. sub. Has not. H.
C. & Co. to be consulted?

According to rule 2 on page 4 of
Go. Lb 4211 of 17.8.16, the debit of the
cost of the glass machinery to the
Govt. of the United Provinces by a corresponding
credit in the Madras accounts
will be made (1) by mutual
agreement between the two Govts.,
and (2) with the approval of the
Comptroller-genl.

Home (Edue) may it be subd, be
requested to address the U.P. Govt.
and then the Comptroller-genl., after
the issue of the draft order.

2. The draft may be accepted.

17.5.18.

File no 4185-1
20-5-18.

Home (Edue)



Submitted that the draft may issue.

2. The H.P. Govt. may be addressed on receipt of
a further report from Mr. Jones.

Copied _____
When examined _____
When signed _____

191

READ AGAIN G.O. No.
191

DATED

CURRENT No.

ENCLOSURE TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

ORDER OF GOVERNMENT

STATEMENT WITH L.M.T.O.

PAPERS NOT FILED UP, BEING MEANT FOR ORIGINATOR
IN ORIGINAL.

N.B.—
A = Copy in full.
B = Not to be copied.
F = Copy abstract only.
Q = Copy heading only.