

Educational
Legislative (1915) Department.

MISCELLANEOUS.

G.O., No. 57 Ed Mis

DATED 19-1-15

[Despatch Abstract.]

Informing the Chairman of the Madras
Trade Association that the question of
instituting a system of apprenticeship
in factories and workshops has been
engaging the attention of the Govt.

✓

Copy of letter, No. dated 15th December 1914,
from the Chairman, ~~the~~ Madras Trades Association, M a d r a s .

XXXXXXXXXXXX

In common with all who are interested in the Commercial and Industrial development of India and who desire to take --- advantage of the opportunity now afforded by the partial closing of the markets of Europe to stimulate Local production and --- foster home industries, my Association has given special --- attention to this matter and is gratified to observe the sympathetic attitude of the Government of Madras as evidenced by a recently issued Press communique dealing with the development of local industries. I am desired by the Members of my Association to give expression to their view that it is within the power of the Government to materially promote local enterprise and stimulate trade generally in the Presidency by ensuring that the orders for goods required by Government and by Institutions over which Government exercises control or influence are placed with the manufacturing and trading firms of this Presidency. At present the bulk of all Government orders are sent to the India Office for execution in Europe and only --- emergent requirements are enquired for locally. If it were the settled policy of Government to encourage local effort by --- guaranteeing a percentage of its orders to producers or --- suppliers on the spot, there is every reason to believe that local firms would be enabled to increase their facilities for production or supply to a scale which would ultimately enable them to execute in their entirety a large portion of Government orders. It is of course conceded that in the essentials of price and quality the goods so obtained must bear a reasonable comparison with articles of a similar nature now purchased in Europe. It is not to be expected that local firms could --- immediately undertake to fill either large or unusual orders, but enquiries

for M-2681
16/12/14

enquiries would at once elicit information as to the directions in which Madras firms could expand their resources so as to meet future requirements. It is felt that the possibilities of local enterprise have not been fully exploited and that some misapprehension exists on the part of Heads of Departments as to present available resources. Under the stimulus of assured support, there is scope for considerable development and I venture to believe, there is sufficient enterprise amongst Madras manufacturing or trading firms to take the fullest advantage of all the support, Government is prepared to give them, by extending their present operations. Appended to the letter is a list of articles which are regularly manufactured by Members of my Association.

In this connection, I am desirous to point out that the promotion of Technical Education, in which Government rightly takes so great an interest can be largely secured while stimulating Industries. No Industrial or Technical School can impart instruction so efficiently as the Workshop in which the Industry is carried on practically. Men who have received training in a Technical School are not regarded by employers as completely efficient workmen, and there can be ^{no} doubt that the serving of an apprenticeship to any trade is of more value in creating a body of skilled workmen than theoretical instruction in a school. Technical instruction in a school is a valuable adjunct to practical experience in the workshop, but cannot take its place. Much might be done to overcome the prejudice against manual labour, which is the greatest stumbling block to industrial education in this country, by the establishment of a system of apprenticeship under skilled foremen, such as must necessarily follow the extension of factories and workshops called for by a steady demand from Government. Adverting to the attached list of articles already manufactured in Madras, it may be remarked that in the production of these articles

the workmen receive sound practical training in general tool using, in their care and the manufacture of them, in free hand art drawing and general draughtsmanship, -- in general carpentry and wood-polishing, - in the tempering, casting, soldering and shaping of many kinds of metals, - ⁱⁿ glass grinding and polishing in ordinary painting work, in turning milling, slotting, wood pattern making, drilling, boring, gear-cutting, metal wheel-making and fitting, blacksmiths and tin-smiths work and in -- general mechanism.

The benefits which must accrue to trade generally and to the artizan population of Madras especially from a substantial increase in local production of articles now imported from Europe are no doubt fully appreciated by Government, but my Association considers that Government might do more to stimulate these industries, by insisting in all cases within its control on the placing of orders locally and in bringing pressure to bear on higher controlling authorities to give greater freedom than exists under present regulations to its officers to exploit and encourage local efforts.

Wb

4.

Articles manufactured by Members of the Madras
Trades Association.

Ghat tracers
Cross Staff Heads
Plane Tables
Heliographs
Train Key Apparatus
Engine Work Recorders
Levelling Staves
T. Squares in any kind of wood
Stands of all kinds in wood for Plane tables, Levels,, etc.
Theodolite; self centering
Optical Squares
Ebonite set squares
Plane tables and covers
Rain Gauges
Eye pieces for levels, theodolites,, or telescopes
Drawing Boards, all sizes
Ferro-Prussiate printing frames
Dunpy and reversible levels
Brass Parallel rulers
Memorial and name plates in any metal
Sets of weights or singly in any metal
Stencil Plates
Drawing and Mathematical Instruments of Every description
Camp lanterns,, and street or bungalow lighting lamps, in block tin,
or brass.
Kettles and Urns in block tin, brass or copper
Lever Embossing presses and Dating stamps in nickel, or brass.
Bandage reels in cast iron or brass
Punches
Dies
Dog badges and license numbers for carts, in tin, or metal for muni-
-cipalities.
Buttons of tin, brass,, or Aluminium,, of all patterns and sizes.
Peons badges of any metal, surgical instruments.
All kinds of brass, and light fitting works
Bearings
Valves
Spindles
Mountings
Builders Levels
Abney Levels- Prismatic Compasses and stands of all kinds
Tell tale clocks for Jails, Factories, and other kinds of large
Institutions.
Gold and Silver metal work of every description.
Electro-plating and Gilding and Nickelling of every description
Laboratory fittings and furniture
Sterilisers,, in all sizes and any metal
Weights in all metals
Measuring tubes.
Carriage & Cart Lamps
Laces for Trimmings of both silk and Cotton
Gun Carriages and Wheels
Springs for Vehicles of all descriptions
Carriage & Motor Transport Bodies
Transport Vehicles of all descriptions.

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Commercial and Industrial development.

REVENUE DEPARTMENT.

C. No. 3310 C, From the Chairman, , No. , Dated 15th Decr. 1904.
Madras Trades Association.

To Under Secretary.

The questions raised in the Trade Association's letter are

(i) supply of locally made articles for the public service and

(ii) promotion of technical education. The first question should be dealt with in Financial and the second in Educational.

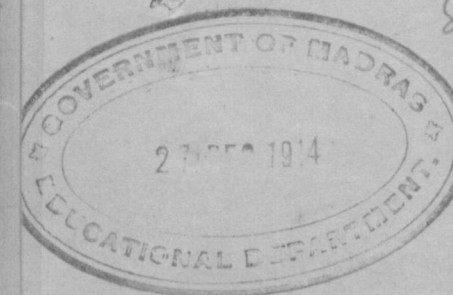
2. A draft letter of acknowledgment is submitted. After its issue the file may be sent to Financial and Educational.

K.R.N. M.R.N.
21-12-14 21-12-14.
To Secretary.

L.J.
22-12-14.

Yes. a copy to each; the subjects are separate and can be dealt with simultaneously.

L.D.
23-12-14.



No. 4059 Ed
29/12/14.

Educational Department.

The Chairman of the Madras Trades Association ~~suggests that~~ points out that ~~instruct~~ the instruction imparted in industrial & technical schools should be followed by workshop training & that, for this purpose, a system of apprenticeship in factories & workshops ~~would be~~ should be instituted.

It is submitted that the desirability of ~~establishing~~ ~~of such~~ such apprenticeships has already been recognized by this Govt & the committee appointed in G.O. No 780 Bd. dated the 4th July 1914 has been asked to work out details.

(The committee's recommendations have not yet been received)
in regard to it. ~~As~~ No separate action need ~~therefore~~, & now be taken on the suggestion of the Trades Association and the papers may, it is submitted, be recorded copy of the letter being communicated to the Director of Industries. A draft order is placed below for approval.

7.1.15. CA
9.1.15

H. Co.

11.1.15

page 2 of cf.

E

Bom No. 13
11.1.15

1. Why not tell the Trades Assoc. what steps are being taken as to E above?
2. I should be glad to see the observations of Financial on the other point.

P

13.1.15.

Let me have draft letter to Trade Association as per E above. Please tell Financial what H.E. has said about the other point.

W
15.1.15

SK
Please draft &
Send Extract to Finl.
CA
15.1

SK
W
16.1.15

A draft letter is submitted below for approval. An extract from these notes has been sent to the Financial Dept.

SK CA
16.1.15 16.7.15

Superseded

8

9

READ AGAIN G.O. No., dated 191 .

" " " " 191 .

READ ALSO:-

C. No. *4059* From the *Chairman*, No., dated *15-12-* 191 *4*
Madras Trades Assoc.

" " " " 191 .

" " " " 191 .

ORDER.

mis

No., dated 191 .

Recorded.

8K
7.1.15.
CA
7.1.15.

JA
U.I.W.

To The L.I. (doo)

Ed! Sept!

Letter - to 57 Eden's
19.1.15
 mis The Chairman,
 The Madras Trade Assoc.

Sir,

With reference to
 the suggestion contained in
 your letter dated the 15th
 December 1914, regarding
 the institution of apprentice-
 ships in factories + work-
 shops to supplement
 theoretical instruction
 given in industrial + techni-
 cal schools, I am directed
 to state that the question
 of establishing ~~of~~ such
 apprenticeships ~~has been~~ ^{has been}
 engaging the attention of
 the Gov^t and that a com-
 mittee of representatives
 of educational interests
 + employers of labour
 has been asked to work
 out details connect~~ed~~
 with it.

I have &c.

sent - (C)
 16/1/15

18/1/15
 LK

SK
 16.1.15
 A

When given for copying _____
When copied _____
When examined _____
When signed _____ } 191

READ AGAIN G.O. No. _____
191 , DATE _____

CURRENT No. _____

ENCLOSURE TO C. No. _____

ORDER OF GOVERNMENT. _____

LETTER OF GOVERNMENT. _____

STATEMENT WITH DETTO. _____

PAPERS NOT FILED UP, BEING KEPT FOR DISPATCH
IN ORIGINAL.

A A A A A A A

V.E.-

- A = Copy in full
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