

(1) Number of pages_____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2883	Press
B.P. No.		Mis.-
Dated	28-10	1876
		195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23th October 1876. No. 2,883.*

No. 449. Read the following Circular from the Government of India in the Public Works Department, (Railway,) dated Simla, 12th October 1876, No. 20 Railway:—

Utilization of Native products, manufactures and materials in the construction and maintenance of lines of Railway in India.

OBSERVATIONS.—It may be calculated approximately that on an average 40 per cent. of the entire cost of constructing and fully stocking the State Railways in India consists of expenditure in the purchase of permanent-way, engines and rolling-stock, iron bridge materials, and stores of various kinds procured from England, and not at present procurable in India. In a contemplated expenditure of 20 millions on railways there would thus have to pass out of the country no less a sum than 8 millions.

RESOLUTION.—In this view, all Officers of the Public Works Department, and specially of the Railway Branch, are directed to turn their most serious attention to this matter, and to limit their indents for European manufactures to such articles as cannot be procured in India.

The Governor General in Council expects that much benefit will be derived from the exercise of intelligence and discrimination of Officers in the Department in using native products, manufactures and materials in the construction and maintenance of lines of railway.

The manufacture of iron-work suitable for railway construction in India will, it may be hoped, become in a few years an established industry. Rails may soon be available, but iron-work for the construction of large bridges may not be procurable in India for some years. Therefore bridges with iron superstructure should only be designed when the use of masonry, whether of brick or stone, is shown to be either impracticable or to exceed in cost very considerably the use of iron, and in like manner the designs of all structures should be decided upon with regard to the possible provision in India of the materials for their construction.

ORDER.—Ordered, that the above be sent for information to all Governments and Administrations and Officers as per margin, and to the Home Department for publication in the Supplement to the *Gazette of India*.

Madras.
Bombay.
Bengal.
North-Western Provinces.
Punjab.
Oudh.
Central Provinces.
British Burmah.
Mysore and Coorg.

Assam.
Hyderabad.
Central India.
Rajpootana.
Consulting Engineer, Calcutta.
" " Lahore.
" " Lucknow.
Director of State Railways.

(Signed) W. A. CROMMELIN, Major-General, R.E.,
Offg. Secy. to the Govt. of India.

Proceedings of the Madras Government, Public Works Department,
28th October 1876. No. 2,833.

No. 450.

ORDER THEREON, 28th October 1876, No. 2,833.

RAILWAY, No. 36.

COMMUNICATED to all Officers of the
Public Works Department including the
Consulting Engineer for Railways in
continuation of G.O., No. 2,051, dated 9th August 1876.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To District Engineers.
To the Consulting Architect.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Consulting Engineer for Railways.

Exd. S. T. Austin.
Spare Copies

No. 2051 of 28 Oct 1876
2833
Communicated to all
Officers of the Public Works
Department including the
Consulting Engineer for
Railways in continuation
of G.O. No. 2051 dated
9th August 1876.

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GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY. P.W.D.
260776
To NA 7727

Circular No. 20 Railway.

Dated Simla, October 12, 1876.

Received

No. 449/50

*D. Eng'rs.
Cons. Architect
Ch. Eng' for Irrig.
Exd. P. W. Accts.
Cons. Eng' for Railways*

Utilization of Native products, manufactures
and materials in the construction and maintenance
of lines of railway in India.

7727

Govt. of 1876 Madras.

PUBLIC WORKS.

To

District Engineers

Dated

Issued

Recd.

Encl.

G. O., 25th *Oct* 1876, No. 283

Nos. 449/50

Utilization of Native products
Manufactures & Materials
Circular from the Govt.
of India about the
in the construction and
maintenance of works.
Communicated to all
officers of the P.W. Dep.
including the Commr. Engrs.

Encl. 10/11/76