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GOVERNMENT OF KERALA
Finance Inspection (Technical) Department

CIRCULAR

No. 8/2016/Fin

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Sub: Use of Standard Cement and Steel in public works in various Governmental departments/ PSUs/ Autonomous Bodies, Agencies accredited by Government for entrusting works -reg:-

1. The practice of issuing Malabar Cement and Steel from SAIL were followed in Government works executed by various Departments for a long time. But due to the delay in obtaining Cement and Steel from Government Store due to various reasons, Government allowed the contractors to procure cement and steel from open market.
2. The rate adopted in the estimate is for the cost of purchasing cement of approved manufacturers and steel from primary manufacturers, but during the time of execution of work, contractor may use cement and steel purchased from local market which may not confirm to the standards prescribed by BIS. Thus, when such materials are used in works, the contractor may enjoy undue advantage at the cost of the quality of work there by considerably reducing the life of the structure.
3. As per the G.O.(P) No. 36/2013/PWD Dt. 17.04.2013, State Government decided to adopt CPWD and MoRTH specifications in Government works. Hence the conditions prescribed in CPWD works may be incorporated in Particular specification of all Contract Agreements for works using cement and steel to be brought by the contractor.
4. Therefore all Governmental departments/ PSUs/ Autonomous Bodies, Agencies accredited by Government for entrusting works shall strictly incorporate the following special conditions in the tender documents in future for Cement and Steel to be brought by the contractor.

A. CEMENT

The contractor shall procure 43 grade (confirming to IS:8112) ordinary portland cement as required in the work, from Malabar cement or reputed manufacturers of cement having a production capacity of one million tonnes or more per annum such as ACC, Ultratech, J. P. Rewa, Vikram, Shri cement, Birla jute and Cement Corporation of India, Zuari, Chettinadu etc., as approved by the Ministry of Industry, Government of India /Govt of Kerala and holding license to use ISI certification mark for their product. (The grade and IS Code ref shall be modified , if grade of cement used is different)

B. STEEL REINFORCEMENT

a) The contractor shall procure TMT bars of Fe 500 D from primary steel producers such as SAIL, TATA steel limited, RINL, Jindal Steel & power Ltd., &JSW steel Ltd or any other producer as approved by Govt of Kerala who are using iron ore as the basic raw material / input and having crude steel capacity of two million tonnes per annum and above. The TMT bars produced from primary producers shall confirm to manufacturer's specifications.(The grade and IS Code ref shall be modified for if grade of steel used is different)

b) In case of non availability of steel from primary producers the contractor may be permitted by the Engineer-in-charge to use TMT reinforcement bars procured from steel producers having integrated steel plants (ISPS) using iron ore as the raw material for production of crude steel which is further rolled into finished shapes in house having crude steel capacity of 0.5 million tonne per annum and more.

c) In case of non availability of steel from primary producers as well as ISPS then the Engineer-in-charge may also permit use of TMT reinforcement bars procured from secondary producers for minor works/non structural works only. In such cases following conditions shall apply:-

i) The grade of the steel shall be Fe 500 D as per IS 1786: 2008. The secondary producers may have valid BIS/statutory license to produce HSD bars confirming to IS 1786: 2008. The TMT bars produced from secondary producers shall conform to the specifications as laid by BIS.

ii) In such cases, necessary recovery corresponding to the difference in rate shall be made to the accepted rates in the contract.

d) The specifications of TMT bars produced either from primary producers, ISPS or secondary producers, shall meet the provisions of IS 1786: 2008 pertaining to Fe 500 D grade of steel. (The grade and IS Code ref shall be modified for if grade of steel used is different).

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Chief Technical Examiner &
Ex-officio Special Secretary to Govt.

To

The Accountant General (A&E/Audit), Kerala, Thiruvananthapuram
The Principal Secretary, Finance Department.
The Principal Secretary, Public Works Department.
The Secretary, Water Resources Department.
The Secretary, Fisheries Department.
The Principal Secretary, Ports Department.
The Principal Secretary, Local Self Government Department.
The Principal Secretary, Forest & Wild Life Department.
The Principal Secretary, Industries Department.
The Principal Secretary, Science and Technology Department.
The Principal Secretary, Agriculture Department.
The Chief Engineer, PWD (Roads & Bridges), Thiruvananthapuram
The Chief Engineer, PWD (Buildings), Thiruvananthapuram
The Chief Engineer, National Highways & Admn.
The Chief Engineer, DRIQ, Thiruvananthapuram
The Chief Engineer, Irrigation and Administration, Thiruvananthapuram.
The Chief Engineer, Irrigation Projects I/II Calicut/ Thiruvananthapuram.
The Chief Engineer, IDRIB, Thiruvananthapuram
The Chief Engineer, CADA, Thrissur.
The Chief Engineer, Harbour Engg. Department.
The Chief Engineer, Local Self Government Dept.
The Chief Conservator of Forest (Admn), Thiruvananthapuram.
The Chief Executive Officer, Road Fund Board.
The Chief Engineer, KSTP, Thiruvananthapuram.
The Chairman, KSEB, Thiruvananthapuram.
The Managing Director, Kerala Water Authority.
The Managing Director, KSHB, Trivandrum.
The Managing Director, KITCO, Ernakulam.
The Chairman, GCDA, Ernakulam.
The Managing Director, KSRTC, Thiruvananthapuram.
The Managing Director, KTDC, Thiruvananthapuram.
The Managing Director, KLDC, Thrissur.
The Managing Director, KSCC, Thiruvananthapuram
The Managing Director, KPHCC, Thiruvananthapuram.
The Managing Director, KTDFC, Thiruvananthapuram.
The Managing Director, KINFRA, Thiruvananthapuram.

The Managing Director, Kerala Electricals Ltd, Thiruvananthapuram.
The Registrar, Kerala/Kottayam/Kochi/Calicut/Kannur Universities
The Registrar, Sanskrit University, Kalady.
The Registrar, Kerala Agricultural University, Thrissur.
The Commissioner, Deyaswom Board, Travancore / Kochi / Malabar.
✓ IT Cell, Finance for web publishing (Nodal officer)

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Section Officer