



GOVERNMENT OF KERALA

No. Insp. Tech.-1/335/2016-FIN

Finance (Inspection Wing-Technical) Dept.,
SBTEU Building, Pulimoodu,
Thiruvananthapuram - 695 001,
Dated: 06/01/2017.

CE	
DCE	
EE	From
AEE	To
AA	Sir,
JS	

The Chief Technical Examiner &
Ex-Officio Special Secretary to Government.

All Chief Engineers, PWD / WRD / LSGD / HED.

Sub:- Adoption of CPWD / MoRTH / MORD specifications and DSR for public works in the State - Provision for payment of excess cost of cement for concrete mixes - Reg.

Ref:- G.O.(F) No. 36/2013/PWD dated 17/04/2013.

As per Government Order cited above, CPWD / MoRTH specifications and Delhi Schedule of Rates (DSR) with applicable cost index have been adopted for all public works being executed by various Engineering Departments with effect from 1st October 2013. Accordingly, CPWD, MoRTH and MORD specifications with DSR are being adopted for various public works in the State.

As per Delhi Analysis of Rates (DAR)/Delhi Schedule of Rates (DSR), the cement content adopted in the data for rate analysis of various grades of concrete mixes varies from 220 kg/m³ (M10) to 480 kg/m³ (M60). It is stipulated that excess / less cement used than specified in the item is payable or recoverable separately. Also, it is observed that cement content for same grade of concrete mix as per CPWD and MoRTH data varies.

During inspection of various public works by the officials from this Wing, it is observed that certain field officers are misusing the above DSR stipulation by not exploring the required design concrete mixes with optimum cement content. The Govt. are constrained to incur excess cost of cement as per contract conditions based on the design concrete mixes having no economic consideration. It is observed that for M25 mix concrete cement content being used varies from 330 to 410 kg/m³.

Endt No: DB3/6512/2013/CE/LSGD dtd 18.01.2017

Forwarded to all Engineers for information and compliance.

CHIEF ENGINEER

Therefore, in order to curtail such unhealthy practices and to evolve a uniform procedure among all agencies taking up public works, it is suggested that stipulation in the items for concrete mixes in DSR i.e. "excess/less cement used than specified in the item is payable or recoverable separately" shall not be incorporated in the contract schedules in future. It is gathered that, CPWD is not including this item for making extra payment to additional quantity of cement used for design mix now.

Necessary special conditions need to be included in future tenders to the effect that the agreed rate is inclusive of cost of cement used irrespective of cement content adopted in the data for rate analysis of sanctioned estimate.

You are requested to furnish your valuable suggestions on the above positively by 31/01/2017.

Yours faithfully,



K.P. PURUSHOTHAMAN,
Chief Technical Examiner &
Ex - Officio Special Secretary to Government

Copy to file.