

**Government of India
Central Public Works Department
Directorate General of Works
CSQ Organisation
Contracts & Manual Unit**

No. DGW/CON/117

Dated Nirman Bhawan, New Delhi, the 4th February, '98

OFFICE MEMORANDUM

Subject: Non-stipulation of cement and steel in contracts for works in CPWD and additional conditions to be incorporated in such contracts therefor.

The question of reducing stock holding has been under the consideration of the Government for some time past. It has now been decided that in case of major works in CPWD costing more than Rs.5 crores, departmental issue of cement and steel need not be stipulated and the contractors be asked to arrange these materials themselves. For works costing between Rs.1 crore and Rs.5 crores, the Chief Engineer may decide whether or not to stipulate departmental issue of cement and steel in individual cases.

In all contracts where departmental issue of cement and steel is not stipulated, special conditions shall be incorporated as per annexure with this memorandum.

Encl : Annexure



(P.K. Mathur)
Superintending Engineer(C&M)

(Issued from file no.32/7/96/ SE/C&M)

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5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein.
6. Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.

CONDITIONS FOR STEEL

1. The contractor shall procure steel reinforcement bars conforming to relevant BIS codes from main producers as approved by the Ministry of Steel. The contractor shall have to obtain and furnish test certificates to the Engineer-in-Charge in respect of all supplies of steel brought by him to the site of work. Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to BIS codes, the same shall stand rejected and shall be removed from the site of work by the contractor at his cost within a week's time from written orders from the Engineer-in-Charge to do so.
2. The steel reinforcement shall be brought to the site in bulk supply of 10 tonnes or more or as decided by the Engineer-in-Charge.
3. The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent distortion & corrosion and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.
4. For checking nominal mass, tensile strength, bend test, re-bend test etc. specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than that specified below

<u>Size of bar</u>	<u>For consignment below</u>	<u>For consignment over 100</u>
	<u>100 tonnes</u>	<u>tonnes</u>
Under 10 mm dia.	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10mm to 16mm dia.	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16mm dia.	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

**ADDITIONAL CONDITIONS TO BE INCORPORATED IN AGREEMENTS WHERE
DEPARTMENTAL ISSUE OF CEMENT AND STEEL IS NOT STIPULATED**

CONDITIONS FOR CEMENT

1. The contractor shall procure 33 grade (conforming to IS:269) or 43 grade (conforming to IS:8112) ordinary portland cement, as required in the work, from reputed manufacturers of cement, having a production-capacity of one million tonnes per annum or more, such as A.C.C., L&T, J.P.Reva, Vikram, Shri Cement, Birla Jute and Cement Corporation of India etc. as approved by Ministry of Industry, Government of India, and holding licence to use ISI certification mark for their product whose name shall be got approved from Engineer-in-Charge. Supply of cement shall be taken in 50 Kg bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-Charge and got tested in accordance with provisions of relevant BIS codes. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-Charge to do so.
2. The cement shall be brought at site in bulk supply of approximately 50 tonnes or as decided by the Engineer-in-Charge.
3. The cement go-down of the capacity to store a minimum of 2000 bags of cement shall be constructed by the contractor at site of work for which no extra payment shall be made. Double lock provision shall be made to the door of the cement go-down. The keys of one lock shall remain with the Engineer-in-Charge or his authorised representative and the key of the other lock shall remain with the contractor. The contractor shall be responsible for the watch & ward and safety of the cement go-down. The contractor shall facilitate the inspection of the cement go-down by the Engineer-in-Charge at any time.
4. The contractor shall supply free of charge the cement required for testing. The cost of tests shall be borne by the contractor / Department in the manner indicated below:
 - (i) By the contractor, if the results show that the cement does not conform to relevant BIS codes.
 - (ii) By the Department, if the results show that the cement conforms to relevant BIS codes.

5. The contractor shall supply free of charge the steel required for testing. The cost of tests shall be borne by the contractor / Department in the manner indicated below:

(i) By the contractor, if the results show that the steel does not conform to relevant BIS codes.

(ii) By the Department, if the results show that the steel conforms to relevant BIS codes.

6. The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of ^{steel} ~~cement~~ shall be worked out as per procedure prescribed in clause 42 of the contract and shall be governed by conditions laid therein.

7. Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.
