STANDARD METHOD OF MEASUREMENT
FOR CIVIL ENGINEERING WORKS

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CORRIGENDUM No. 1/99

PART IV **GENERAL PREAMBLES**

Page 11
Para. 10, last line

Add **or deductible** after **payable**

SECTION 1 **PRELIMINARIES**

(a) Para. 1.26

Delete and replace by the following:

1.26 **The unit of measurement shall be:**

(i) Contract Computer Facilities for the Engineer....................item.

(b) Para. 1.27

Delete and replace by the following:

1.27 **Separate items shall be provided for Contract Computer Facilities for the Engineer in accordance with General Principles paragraphs 3 and 4 and the following:**

Group		Feature
I	1.	Contract Computer Facilities for the Engineer.
II	1.	Installed in the Engineer's Site office.
	2.	Installed in the Engineer's Main office.
	3.	Installed in locations detailed in the Specification.
III	1.	To be handed over to the Employer as detailed in the Specification.

(c) Para. 1.28

Delete and replace by the following:

1.28 **The items for Contract Computer Facilities for the Engineer shall, in accordance with General Preambles paragraph 2, include for:**

(a) **delivery, installation and testing of all computer equipment items including connecting devices, networking, connection to power supply and software items;**

(b) **taking any measures necessary to render the power supply uniform, stable and adequate for the computer equipment;**

(c) **provision of all necessary licences for the computer equipment (including hardware and software);**

(d) **diagnostic and performance checking;**

(e) **provision of maintenance and technical support service;**

(f) **cleaning, resetting and preventative maintenance service;**

(g) **attendance on maintenance technicians;**

(h) **replacement parts;**

(i) **data archiving service;**

(j) **any necessary work to render the Contract Computer Facilities Year 2000 compliant;**

(k) **replacement of any item when the original item is unserviceable;**

(l) **all necessary consumables;**

(m) **telecommunication and internet connection services;**

(n) **system configuration services;**

(o) **documentation;**

(p) **provision of training;**

(q) **where the computer equipment (including hardware and software) are to be handed over to the Employer, documentation of assignment of ownership, warranty agreements, maintenance agreements and the extension of software licences beyond the period as directed by the Engineer;**

(r) **where the computer equipment (including hardware and software) are not to be handed over to the Employer, disconnection, repacking and removal and the credit value.**

SECTION 10 **FORMWORK**

Para. 10.02,
Lines 1 to 4

Delete and replace by the following:

The measurement of formwork shall, subject to the qualifications stated below, be the area of formwork which is in contact with the finished concrete together with the area of the openings in such finished concrete provided that the size of the openings does not exceed one square metre each.

SECTION 14   **STEELWORK**

Para. 14.02   Delete and replace by the following:

14.02   **The measurement shall be the total weight of the finished member comprising plates, rolled sections, shear connectors, stiffeners, cleats, packs, splice plates and all fittings, with no allowance for tolerances for rolling margins and other permissible deviations from standard weights, and excluding the weights of weld fillets, bolts, nuts and washers, rivet heads, and protective coatings. No deduction shall be made for splays, notches, holes and the like each not exceeding 0.03m^2.**

The weight of rolled steel standard sections shall be computed in accordance with the mass per unit length stated in the relevant British Standard and the dimensions shown on the Drawings.

The weight of rolled steel, cast steel and cast iron sections where mass per unit length is not given in the relevant British Standard shall be computed from the dimensions shown on the Drawings, with no allowance for addition for fillets and overruns for castings, on the following basis:

   (a)   rolled steel or cast steel, 7850 kg/m^3
   (b)   cast iron, 7210 kg/m^3

**Standards Unit
Civil Engineering Department
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