

Department of Contracts
Notre Dame Ravelin
Floriana

To Ministries and
Heads of Department

15 February 2011

RECTANGULAR PRECAST HOLLOW CONCRETE BLOCKS

1. Ministries, Heads of Department and Accounting Officers are requested to note that the contract for the supply and delivery of rectangular precast hollow concrete blocks to Government Departments and Parastatal Bodies, as and when required, have been placed with the contractor shown below at the prices and for the indicated sizes below. Prices are inclusive of all charges and taxes including 18% VAT as indicated hereunder:-

Blokrete Ltd
Mosta Road
LIJA

Tel: 2144 4562
Fax: 2143 3957
Email: info@blokrete.com.mt

VAT: 1009-5807

Item 1 – Type A, Double 230mm thick at €0.99 each;
Item 2 – Type B, Single 230mm thick at €0.94 each;
 Type B, Single 150mm thick at €0.92 each;
Item 3 – Type C, Single 115mm thick at €0.64 each;
 Type C, Single 63mm thick at €0.95 each;

2. Payments are to be made direct to contractor.
3. This contract shall run up to 31 December 2011.
4. User Departments are to ensure that the blocks supplied to them are of the same quality as per certificates accompanying the tender. Certificates can be viewed at the Contracts Department.
5. The technical specifications regulating this contract are attached. User departments are to ensure that these conditions are strictly adhered to.

F Attard
Director General (Contracts)

ANNEX II: TECHNICAL SPECIFICATIONS

1. **Specifications**

a. **Binders**

The binder used for the manufacture of blocks shall be ordinary Portland cement complying with latest MSA-EN Standard

b. **Aggregates**

The blocks shall be made of 10mm aggregate and sand complying to with latest MSA-EN Standard.

c. **Materials**

All blocks supplied shall not be delivered to site before the required strength is achieved.

d. **Sizes**

The blocks shall be made to the following dimensions:

Length - 460 mm

Height - 260mm

Thickness - 63, 115, 150 and 230 mm

e. **Dimensional Deviations**

Blocks of thickness 75mm or greater shall be tested for dimensional deviations in accordance with latest MSA-EN standard. The maximum dimensional deviations for blocks shall be as follows:

Dimensions Maximum dimensional deviation for blocks

Length + 3mm - 5mm

Height + 3mm - 5mm

Thickness + 2mm - 2mm

Average + 4mm - 4mm at any individual point

f. **End and Bedding Surfaces**

The faces and ends of hollow blocks shall be perpendicular to each other within the dimensional deviations specified in clause 1e.

g. **Compressive strength.**

Blocks of thickness 75mm or greater shall be tested for compression strength in accordance with latest MSA-EN standard but in exception to following conditions which must be satisfied:

- i) The average compressive strength of 10 blocks (of each type) shall not be less than:

8 N/mm² for Type A

7 N/mm² for Type B1 and Type B2 (all values based on the gross area of the blocks)

5 N/mm² for Type C

- ii) The corresponding lowest crushing strength of any individual block shall be not less than 80% of the minimum permissible average crushing strength given in (i).

h. Transverse strength

Blocks of thickness less than 75mm (Type D) shall be tested for transverse strength in accordance with latest MSA-EN standard. For compliance with this part, the average transverse strength of five blocks shall be not less than 0.65N/mm².

2 Certificates

With their offers, tenderers are to provide:

- a) An authentic test certificate/s from an independent laboratory showing that the material being offered complies to the above specifications. The testing and date of such certificate should not be older than 6 months from the closing date of the tender.
- b) Tenderers offering material with non-MSA-EN standard, have to furnish 2 copies in English of the relative standard to which the material offered is manufactured and also the test certificate/s requested in a.

3 Samples

Tenderers may be requested to submit samples. In this connection tenderers must within two days of being notified to do so submit the requested samples to show quality of workmanship. Samples are to bear a label marked clearly with the tender and item number, name / address of the tenderer.