

Department of Contracts
Notre Dame Ravelin
Floriana

14th December 1999

To Heads of Department
and Parastatal Bodies

**READY MIXED CONCRETE FOR GENERAL/MARITIME USE -
MALTA 2000**

1. Heads of Department and Accounting Officers are requested to note that the contract for the supply and delivery of Ready Mixed Concrete for General and Maritime Use has been placed with the contractor shown below at the prices indicated on the attached Schedules 'A', 'B', 'C' and 'D'. Prices, which are inclusive of all charges and all taxes, include also delivery costs to any site in Malta, where and as indicated.

M/S Vassallo Concrete Supplies Ltd.
Wied il-Ghasel
Burmarrad SPB 08

Tel: 430774 / 577399

Payments to the above contractor are not to be made until further notice.

2. This contract shall run from the 1st January 2000 up to the 31st December 2000.
3. Heads of Department are requested to ensure that the concrete supplied to them is of the same quality as samples submitted for testing under Advert 156/99 and approved by the Quality Control Section of the Ministry for Public Works and Construction, Kordin.
4. The Specifications and Conditions regulating this contract are attached.
5. This contract is governed by the attached 'General Conditions of Contract for the Supply of Goods and Materials under a Running Period Contract.'

J V Spiteri
Director of Contracts

enc.

/cc

STRUCTURAL CONCRETE MIX SCHEDULE 'A'

| MIX DESCRIPTION | | | Item 1 | Item 2 | Item 3 | Item 4 | Item 5 |
|--|------------|-------------------|---------------------|------------------|------------------|------------------|------------------|
| | | | REINFORCED CONCRETE | | | | |
| Type of Mix | | | Designed | Designed | Designed | Designed | Designed |
| Type of Cement | | To B.S. | 12 (OP) | 12 (OP) | 12 (OP) | 12 (OP) | 12 (OP) |
| Type of Aggregate | Coarse | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 | 882, 1201 | 882, 1201 |
| | Fine | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 | 882, 1201 | 882, 1201 |
| Nominal Maximum Aggregate Size (mm) | | | 20 | 20 | 20 | 20 | 20 |
| Concrete Grade | | | C20 | C25 | C30 | C35 | C40 |
| Minimum Cement Content | | kg/m ³ | 240 | 260 | 275 | 300 | 325 |
| Sampling Rate | | #/m ³ | 20 | 20 | 20 | 20 | 20 |
| Workability | Slump | mm | 40-70 | 40-70 | 40-70 | 40-70 | 40-70 |
| | Flow | mm | | | | | |
| Maximum Free Water / Cement Ratio | | | 0.8 | 0.7 | 0.65 | 0.6 | 0.55 |
| Admixtures | Prohibited | | Yes | Yes | Yes | Yes | Yes |
| | Specified | | | | | | |
| Density of Concrete | Minimum | kg/m ³ | 2250 | 2250 | 2250 | 2250 | 2250 |
| Rate: (Delivered, inclusive of 15% VAT and offer charges as applicable) | | | Lm12.50,0 | Lm13.50,0 | Lm18.00,0 | Lm19.00,0 | Lm20.00,0 |

STRUCTURAL CONCRETE MIX SCHEDULE 'B'

| MIX DESCRIPTION | | | Item 1 | Item 2 | Item 3 |
|--|------------|-------------------|------------------|------------------|------------------|
| Type of Mix | | | Designed | Designed | Designed |
| Type of Cement | | To B.S. | 12 (OP) | 12 (OP) | 12 (OP) |
| Type of Aggregate | Coarse | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 |
| | Fine | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 |
| Nominal Maximum Aggregate Size (mm) | | | 20 | 20 | 20 |
| Concrete Grade | | | C30 | C35 | C40 |
| Minimum Cement Content | | kg/m ³ | 275 | 300 | 325 |
| Sampling Rate | | #/m ³ | 20 | 20 | 20 |
| Workability | Slump | mm | | | |
| | Flow | mm | 510-620 | 510-620 | 510-620 |
| Maximum Free Water / Cement Ratio | | | 0.65 | 0.6 | 0.5 |
| Admixtures | Prohibited | | No | No | No |
| | Specified | | (a) | (a) | (a) |
| Density of Concrete | Minimum | kg/m ³ | 2250 | 2250 | 2250 |
| Rate: (Delivered, inclusive of 15% VAT and other charges as applicable) | | | Lm16.50,0 | Lm17.25,0 | Lm18.05,0 |

STRUCTURAL CONCRETE MIX SCHEDULE 'C'

| MIX DESCRIPTION | | | Item 1 | Item 2 | Item 3 |
|--|---------|-------------------|------------------|------------------|------------------|
| | | | MASS CONCRETE | | |
| Type of Mix | | | Designed | Designed | Designed |
| Type of Cement | | To B.S. | 12 (OP) | 12 (OP) | 12 (OP) |
| Type of Aggregate | Coarse | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 |
| | Fine | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 |
| Nominal Maximum Aggregate Size (mm) | | | 40 | 20 | 40 |
| Concrete Grade | | | C15 | C20 | C20 |
| Minimum Cement Content | | kg/m ³ | 175 | 180 | 150 |
| Sampling Rate | | #/m ³ | 100 | 100 | 100 |
| Workability | Slump | mm | 40-70 | 40-70 | 40-70 |
| Maximum Free Water / Cement Ratio | | | 0.7 | 0.6 | 0.6 |
| Admixtures | | Prohibited | Yes | Yes | Yes |
| | | Specified | | | |
| Density of Concrete | Minimum | kg/m ³ | 2200 | 2200 | 2200 |
| Rate: (Delivered, inclusive of 15% VAT and other charges as applicable) | | | Lm10.25,0 | Lm12.00,0 | Lm12.00,0 |

STRUCTURAL CONCRETE MIX SCHEDULE 'D'

| MIX DESCRIPTION | | | Item 1 | Item 2 | Item 3 |
|--|------------|-------------------|---------------------|------------------|------------------|
| | | | UNDERWATER CONCRETE | | |
| Type of Mix | | | Designed | Designed | Designed |
| Type of Cement | | To B.S. | 12 (OP) | 12 (OP) | 12 (OP) |
| Type of Aggregate | Coarse | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 |
| | Fine | To B.S. | 882, 1201 | 882, 1201 | 882, 1201 |
| Nominal Maximum Aggregate Size (mm) | | | 40 | 40 | 20 |
| Concrete Grade | | | C20 | C20 | C25 |
| Minimum Cement Content | | kg/m ³ | 350 | 350 | 350 |
| Sampling Rate | | #/m ³ | 100 | 100 | 100 |
| Workability | Slump | mm | 125 | 125 | |
| | Flow | mm | | | 510-620 |
| Maximum Free Water / Cement Ratio | | | | | |
| Admixtures | Prohibited | | Yes | Yes | No |
| | Specified | | | | (d) |
| Density of Concrete | Minimum | kg/m ³ | 2300 | 2300 | 2300 |
| Rate: (Delivered, inclusive of 15% VAT and other charges as applicable) | | | Lm15.00,0 | Lm15.00,0 | Lm16.05,0 |