

CT2285/98

Contracts Circular N° 38/98

Department of Contracts
Notre Dame Ravelin
Floriana

23rd October 1998

To Heads of Department
and Parastatal Bodies

**READY MIXED CONCRETE FOR GENERAL/MARITIME USE -
MALTA 1999**

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 Rite Mix (Gatt Bros) Ltd
Gatt House
Triq in-Naggar
Mosta

Tel: 410443, 410176

Payments to the above contractor are to be made through:

Mid-Med Bank Ltd
Mosta

quoting Bank Guarantee No. 61-94/107.

2. This contract shall run from the 1st January 1999 up to the 31st December 1999.

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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 224/98 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

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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

Mix Cement Content	kg/m ³	250	280	400	450	475
Mix Fine Aggregate	kg/m ³	700	650	650	600	550
Mix Coarse Aggregate	kg/m ³	1050	1080	1050	1060	1070
Water Content	l/m ³	170	175	180	190	200
Admixtures	l/m ³	None	None	None	None	None
Rate	Lm/m	11.70	12.90	17.60	19.90	22.00

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

Mix Cement Content	kg/m ³	400	450	475
Mix Fine Aggregate	kg/m ³	600	575	550
Mix Coarse Aggregate	kg/m ³	1050	1060	1075
Water Content	l/m ³	180	190	190
Admixtures	l/m ³	4	4.5	4.5
Rate	Lm/m ³	16.30	17.40	19.00

STRUCTURAL CONCRETE MIX SCHEDULE 'C'

Item 1 Item 2 Item 3

MIX DESCRIPTION			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

Mix Cement Content	kg/m ³	180	250	250
Mix Fine Aggregate	kg/m ³	725	700	700
Mix Coarse Aggregate	kg/m ³	1025	1050	1000
Water Content	l/m ³	165	170	175
Admixtures	l/m ³			
Rate	Lm/m ³	10.00	11.60	11.60

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

Mix Cement Content	kg/m ³	350	350	400
Mix Fine Aggregate	kg/m ³	650	650	625
Mix Coarse Aggregate	kg/m ³	1050	1050	1050
Water Content	l/m ³	200	00	200
Admixtures	l/m ³			
Rate	Lm/m ³	14.00	14.00	16.00

