

Works Tender for Civil Works, Paving Works and other Ancillary Works at Xaghra Parish Parvis, Gozo

SUMMARY

SECTION	DESCRIPTION	AMOUNT Incl.Vat
A.1	WORKS Works	
	TOTAL WORKS	
B.1	SUPPLY Supply of materials	
	TOTAL SUPPLY OF MATERIALS	
GRAND TOTAL including VAT		

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A.0 PREAMBLES

ITEM	DESCRIPTION	QTY.	UNIT	RATE Excl.Vat	AMOUNT Excl.Vat
	<p><u>GENERAL PREAMBLES</u></p> <p>Tenderer is to visit the site where works are to be carried out and ensure that the work involved is fully understood prior to quoting any rates for the following items in this Bill of Quantities, especially those items quoted as a lump sum. Rates are to take into consideration the site's historical and cultural value and the need for all the works to be carried out in such a way as not to cause any damage to the site and any adjoining property.</p> <p>Rates are to include for working both by hand or machine at any level and for any double handling of any materials, hoisting, lowering, transporting and disposal at an approved store or dump as may be required.</p> <p>Rates are to include for all necessary temporary works, of whatever nature, which are indispensable for the safe and successful execution of all the items of works identified in this Bill of Quantities.</p> <p>Rates are to include for the provision of all materials, labour and plant required for the execution of the works. Rates are also to include for all temporary works such as shoring, propping, supports (irfid), scaffolding, screens, mounting and use of winches, plant, machinery, temporary drainage of rainwater runoff etc. required for all the works and for the necessary equipment for the protection of the works, third party property, contractor's employees and the general public.</p> <p>Rates are to include for any materials and labour required to make the site accessible. If so requested by the Contracting Authority or the Supervisor the Contractor shall carry out all temporary and/ or permanent works required to render the site or any part thereof accessible to the general public during the course of works; such works shall be deemed to form part of the tendered rates and in no way shall the contractor be entitled to extra payment or be allowed to make claims for extra works and costs in relation to such works.</p> <p>Rates are to include for all necessary permits, authorisations, and insurances and for all vehicular/ pedestrian traffic arrangements, engagement of all necessary wardens, police etc. as required by Local or National Law, for the whole duration of the works, payment of charges (Local Council, Police etc.) for the</p>				

	<p>traffic arrangements, erection of scaffolding, operation of machinery and equipment etc., payments for the removal (temporary or permanent) of any services (electricity, water supply, drainage, telephone etc) for executing the works in a safe manner. Rates are also to include for all necessary safety lights, direction signs etc. required by all competent authorities and/ or as directed by the Architect in Charge.</p> <p>Rates are to include for progressive removal of generated waste and debris from the site of works and its carting away to an approved dumpsite and for the daily cleaning of roads, client's and third party properties, etc from dust and/ or other materials generated by the works and for maintaining a dustfree environment, particularly by using appropriate industrial vacuum systems on site where and as required. Rates are also to include for the final cleaning of the entire site at completion of works to allow immediate public use of the site. Rate shall also include for using equipment (compressors, generators, cranes, etc) that do not cause disruption by excessive noise, vibration, fumes (exhaust) etc.</p> <p>Rate shall provide for and shall be deemed to include any costs related to ensuring that all works are carried out without any disturbance to the commercial activities located in close proximity of the proposed works, any liaising with these entities, adaptations of any work practices agreed upon, temporary works etc as well as to indemnify the client against any claims raised for damages and /or loss of profits claimed by the affected commercial establishments.</p> <p>Rates are to include for the setting up, maintaining and removal on completion of works, of contractor's office and storage facilities for the whole duration of the project ; including allowance for providing, maintaining and dismantling on completion of works, all the necessary services required for the whole duration of works, to include latrine huts, electricity, water, etc</p> <p>Tenderers are to include in their rates for any expenses that may be incurred during the works as regards coordination with any third parties who might be carrying out works in the village square.</p>				
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<p>All works are to be carried out as per tender specifications and drawings and/ or as directed by the Architect in Charge and tendered rates shall be deemed to take the said tender specifications, drawings and all other requirements listed in this tender dossier into account.</p> <p>It is to be understood that the quantities given in this Bill of Quantities are estimated quantities ; actual quantities shall be verified on site and measured during the progress of works. Changes in the stated quantities shall in no way invalidate the contract or entitle the contractor to a change in quoted rates</p> <p><u>PREAMBLES FOR EXCAVATION</u></p> <p>Items of excavation will be measured net before excavation and the Tenderer is to make what allowance he may consider necessary for increase in bulk when pricing items which include removal, etc. of excavated material.</p> <p>Rates for excavation are to include for temporary retaining boards, strutting etc, grubbing up roots & for additional excavation required for planking & strutting.</p> <p><u>PREAMBLE FOR CONCRETE WORKS</u></p> <p>Concrete shall conform to BS 8110 and is to be mechanically vibrated.</p> <p>The Contractor is to provide:</p> <ol style="list-style-type: none"> a) the manufacturer's name b) the manufacturer's routine work test certificate <p>Rates for concrete are to include for:</p> <ol style="list-style-type: none"> a) all necessary formwork b) mechanical vibration c) a minimum of 7days curing as per methods listed in the technical specifications <p><u>PREAMBLE FOR REINFORCEMENT</u></p> <p>Steel mesh reinforcement to BS 4482 (MSA EN to be lapped a minimum of 150mm all round.</p> <p>All steel bar and fabric reinforcement shall be measured separately unless otherwise specifically stated.</p>				
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PREAMBLE FOR MASONRY WORKS

With the intent of ensuring the use of only best quality stone, rates are to include for the supply, transport and delivery of new stone blocks, whether normal and/ or special sized stones, from a quarry in Malta if so deemed necessary by the Architect in Charge If and where requested concrete infill for double skin construction is to be grade C25 and poured every four courses stages (maximum height).

PREAMBLE FOR PAVING WORKS

Where applicable items of paving are to include a 50mm bed of sand.

All paving works are to be carried out in conformity with the tender drawings, specifications and as per instructions given by the Architect in Charge. All items of paving are to include for laying in cement sand mortar and grouting of joints with an approved grouting material.

All rates are to include for all straight and curved cutting and for all chamfers, recesses, waste of material and all labour and additional cutting that may be required to accommodate the paving designs and to accommodate any fittings that may be installed by the contractor or by any other third parties. Rates for paving are also to include for any rebates where light fittings/ sleeves are to be installed/ introduced by the contractor or by any third parties.

The finished floor level of the different paving materials must be flush (level) with the finished floor level of the adjoining materials.

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A.1 CIVIL WORKS

ITEM	DESCRIPTION	QTY.	UNIT	RATE Excl.Vat	AMOUNT Excl.Vat
1	<p>Engage an Occupational Health and Safety Competent Person, appointed in accordance with the Occupational Health and Safety Authority Act, (Chap. 424 of the Laws of Malta). The Health and Safety Competent Person shall be responsible for the preparation of a Risk Assessment of the Site and the proposed works, for the preparation and administration of the Health & Safety Plan, and for the co-ordination of the construction/ restoration process/es in order to achieve the objectives of the Health and Safety Plan. It may be required that the Health and Safety Plan be submitted for approval by the Occupational Health and Safety Authority, in which case any comments, for amendments, that the Authority may deem necessary, shall be taken on board without additional cost to the Employer.</p> <p>The appointed Health and Safety Competent Person is to fulfil the role of Project Supervisor (i/r/o H&S Matters) for the Design and Construction/ Execution stage in terms of LN281/2004 as stipulated in the Construction Notification Form of the OHSA.</p> <p>Rate shall also include for the provision of an "on call" doctor appointed by the contractor and for setting up all necessary signage on site as requested by the architect and civil engineer in charge or any of the statutory Authorities, and for payment of all certification of machinery, equipment (vehicles, cranes, etc.) required for the execution of works described in this document.</p>	1.00	LS		
2	Monitoring of works by qualified archaeological monitor approved by the SCH and as stipulated in the approved MEPA permit conditions (Provisional)	1.00	LS		
3	Removal of existing paving and cart away. Rate shall include for dumping charges.	340.00	sq.m.		
4	Dismantling of existing masonry foundation using any kind of tools. Rate is to include for all the necessary excavation, working in restricted places, for the use of any machinery required, carting away of resulting material and dumping charges (Provisional).	1.00	LS		
5	Excavation for new wall foundations. Rate shall include for any machinery required, excavation to a radius, carting away of resulting material and dumping charges. (Provisional)	20.00	cu.m.		
6	Laying of concrete strip foundations grade 20 under perimeter wall. Rate is to include for all the necessary shuttering, double handling and working in restricted spaces. Rate is to include for	5.00	cu.m.		
7	Construction of single wall with Qawwi stone	35.00	sq.m.		
8	Extra over for curved stone	20.00	sq.m.		
c/f				€	

ITEM	DESCRIPTION	QTY.	UNIT	RATE Excl. VAT	AMOUNT Excl. VAT
	b/f				
9	Removal of material under tiles and carting away including dumping charges	325.00	sq.m.		
10	Remove one course under Balustrade and cart away including dumping charges	35.00	l.m.		
11	Removal of existing main steps. Rate shall include for carting away of resulting material and dumping charges.	1.00	LS		
12	Levelling with mixed aggregate and compaction in preparation for concrete blinding.	36.00	c.m.		
13	Laying of concrete blinding 70mm thick grade 20 over compacted aggregate.	340.00	sq.m.		
14	Supply and fix damp proof membrane to floor slab including the necessary lapping and turnups.	380.00	sq.m.		
15	Laying of concrete sub floor 200mm thick grade 20 with BRC mesh B503 including lappings. Rate is to include for all necessary formworks and for the formation of 6mm chase in concrete ground slab for expansion joints, including filling with an approved mastic filler.	340.00	sq.m.		
16	Laying of all Travertine slabs laid to falls with mortar. Rate is to include for curved borders and grouting of joints as directed by the Architect in Charge. Rate shall also include for underlying sand bed as necessary and including all straight and curved cutting and any other cutting.	350.00	sq.m.		
17	Lay horizontal and vertical DPC. Rate is to include for all horizontal dpc in the form of waterproofing membrane torch welded type applied horizontally and ditto but fixed vertically to walls including turnups.	70.00	l.m.		
18	Construction of concrete steps leading from street level up to the parvis level. Rate is to include for all necessary formwork, mesh reinforcement and adequate finishing of the upper slab surface to receive the travertine paving slabs.	110.00	l.m.		
19	Laying of travertine slabs for steps 50mm thick with moulded edge which includes straight or curved finishes. Rate shall include for all materials necessary for the correct laying.	110.00	l.m.		
20	Fixing of stainless steel railing at new accessible for all ramp.	16.00	l.m.		
21	Fixing of stainless steel railing safety barrier at side accesses.	6.00	l.m.		
<i>Sub total</i>				€	
<i>18% Vat</i>				€	
<i>Total</i>				€	

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B.1 SUPPLY OF MATERIALS

ITEM	DESCRIPTION	QTY.	UNIT	RATE Excl.Vat	AMOUNT Excl.Vat
1	Hoarding of site for safety purposes.	1.00	LS		
2	Supply of a temporary project information/publicity board to be maintained for the whole of work agreed upon with the Architect in Charge.	1.00	LS		
3	Supply of concrete for strip footings grade 20 under perimeter wall.	5.00	cu.m.		
4	Supply of 230mm qawwi stone blocks.	35.00	sq.m.		
5	Extra over for curved stone (Provisional)	20.00	sq.m.		
6	Supply of mixed aggregate for levelling in preparation for concrete blinding.	36.00	c.m.		
7	Supply concrete blinding 70mm thick grade 20.	340.00	sq.m.		
8	Supply water proofing membrane.	380.00	sq.m.		
9	Supply concrete sub floor 200mm thick grade 20.	340.00	sq.m.		
10	Supply BRC mesh B503 including lappings.	380.00	sq.m.		
11	Supply horizontal damp proof course.	70.00	l.m.		
12	Supply of concrete C20 for formation of steps.	110.00	l.m.		
c/f				€	

ITEM	DESCRIPTION	QTY.	UNIT	RATE Excl. VAT	AMOUNT Excl. VAT
	b/f				
13	Supply of stainless steel Grade 316 railing at accessible ramp.	16.00	l.m.		
14	Supply of stainless steel railing safety Grade 316 barrier at side accesses.	6.00	l.m.		
15	Supply, deliver and stack Travertine slabs, cream in colour, 600mm x 300mm x 40mm thick having a flamed surface finish. Area indicated and considered for payment is that of laid area, and contractor must allow for cutting (also to a radius where applicable as per drawing) and waste. Finish shall be non-slip and suitable for outdoor surfaces.	280.00	sq.m.		
16	Supply, deliver and stack brown Travertine slabs 600mm x 350mm x 40mm thick having a flamed surface finish. Area indicated and considered for payment is that of laid area, and contractor must allow for cutting and waste.	50.00	sq.m.		
17	Supply, deliver and stack brown Travertine slabs of dimensions approximately 500mm x 500mm x 40mm thick having a flamed surface finish. Rate shall include for cutting to a radius where these have to be placed against the curved perimeter wall. Area indicated and considered for payment is that of laid area, and contractor must allow for cutting and waste.	40.00	sq.m.		
18	Supply, deliver and stack travertine slabs for steps 40mm thick having a flamed surface finish with moulded edge which includes straight or curved. Length indicated and considered for payment is that of laid area, and contractor must allow for cutting and waste.	110.00	l.m.		
<i>Sub total</i>				€	
<i>18% Vat</i>				€	
<i>Total</i>				€	