

IMLI - BOQ - SUMMARY OF BILLS

BILL 1	PRELIMINARIES	€	-
BILL 2	INTERNAL WALLS & CEILING FINISHES	€	-
BILL 3	FLOOR FINISHES	€	-
BILL 4	ALUMINIUM AND TIMBER WORKS	€	-
BILL 5	M, E & P WORKS	€	-
BILL 6	HVAC WORKS	€	-
BILL 7	CIVIL WORKS	€	-
BILL 8	FURNITURE	€	-
SUB-TOTAL			0.00
DISCOUNT OFFERED BY CONTRACTOR			
SUB-TOTAL LESS DISCOUNT			0.00
VALUE ADDED TAX @ 18%			0.00
GROSS TOTAL (INCLUDING VAT)			0.00

Item	Description	Qty	Unit	Rate	Amount
BILL 1	PRELIMINARIES			€	€
	PROJECT PARTICULARS				
	<p>Project Name: IMLI RECEPTION</p> <p>The project shall be known as:</p> <p>Refurbishment of Reception @ IMLI</p> <p>Names and Addresses:</p> <p>The Employer:</p> <p>IMLI</p> <p>University of Malta Campus,</p> <p>Triq Roberto Ranieri Costaguti</p> <p>Msida Malta MSD 2080</p>				
	Notes				
A	All zero rated or blank items in Bill No 1 will be deemed to be included in the rates within other bills forming part of this contract. All rates and amounts stated are to be inclusive of all levies, duties, charges, fees etc. Rates are to be all inclusive; including materials, labour, waste, profit, wage and other increments during the progress of the works etc. unless otherwise specifically indicated in the bills.				
B	All rates and lump sums are to be quoted exclusive of VAT.				
C	All items in all bills are provisional and may be omitted or quantities modified without in any way vitiating the contract or affecting the rates. All quantities shall be measured as herein described and measured net. All rates shall include wastage.				
D	It is of utmost importance that care and attention is taken in the supervision and selection of competent workers and plant to achieve a high level of quality.				
E	The annotation of a specification clause does not preclude the work to the particular clause but must be read in conjunction with all other relevant clauses for the complete sense of the item.				
F	All rates shall include for necessary access scaffolding to access the works at different stages and at different levels. Include for all plant, equipment and machinery to execute and complete the works.				

	Balance c/f	€	
1	Balance b/f	€	
The Site			
.1	The site is located at the University of Malta Campus, Msida		
Conditions of Contract			
.2	<p>Provision of insurance cover</p> <p>in the joint names of the Client and Contractor insure the Works against loss or damage by fire, storm, tempest, lightning, flood, earthquake, aircraft or anything dropped there from, aerial objects, riot and civil commotion for the full reinstatement value thereof plus 15% of all the Works executed and all unfixed materials and goods so insured until the completion of the Works. The Contractor shall affect a policy of insurance against third party risks to cover an amount of not less than Euro 250,000 (Two Hundred and Fifty Thousand Euros) for any one accident. The policy shall be in joint names of the Client and Contractor and shall include cross liability clauses. In respect of liability for the death or injury to any person employed by the Contractor and arising out of and in the course of such person's employment by the Contractor the amount insured by the Contractor shall be such as to indemnify the Client against all damages as compensation payable. The Contractor shall comply with and be subject to the terms, exclusions, exceptions, conditions and limitations of the insurance policies and shall bear the amount of the retained liabilities stated therein The Contractor shall deposit with the Client copies of the policy or policies and a copy of the receipt in respect of premiums paid before starting the Works</p>	1	L/S
.3	Implementation of health and safety measures on site including personal safety (e.g safety shoes, helmets scaffolding, harnesses etc) as well as those to render the site safe for employees (e.g staircase handrails, closing of lift shaft openings etc)	1	L/S
.4	Prepare a risk assessment report outlining all risks involved and measures to be taken to minimise or eliminate potential risks. The report is to be prepared and signed by a competent person and to be submitted within three weeks from commencement of works.	1	L/S
.5	Allow for carrying out all surveys, setting out of works unless included elsewhere in the Bills of Quantities.	1	L/S
.6	Provision for attending to site to take all relevant measurements in order to ascertain the exact quantities of the individual and measured items to be procured as well as keeping of all relevant records of personnel attendance, stock control etc	1	L/S

		Balance c/f		€	
1		Balance b/f		€	
.7	Provision of security measures on site both as regards the storage facilities as well as to safeguard the materials installed during the latter stages of the project.	1	L/S		
.8	Provision for the supply and delivery to site of samples as may be requested by the client / engineer	1	L/S		
.9	Allow for continuously keeping the site and building clean and in a workman type condition free from debris, surplus materials and any other type of loose matter arising from works, which will disturb the proper conditions of any internal and external areas, roads and/or adjoining structures. Site Cleaning is to take place during the whole duration of works	1	L/S		
.10	Provision for hauling of equipment on site, including crantage, permits and all necessary fees.	1	L/S		
.11	Provision for Builders Work in order to prepare all openings required to install, pipework, ductwork, conduits, copper pipework etc., and making good and reinstatement of all openings.	1	L/S		
	Bill No 1. : PRELIMINARIES				
	Sub-total carried to Summary			€	

Item	Description	Qty	Unit	Rate	Amount
				€	€
BILL 2	INTERNAL & EXTERNAL WALL & CEILING FINISHES.				
	Note: To be read in conjunction with the project drawings: <i>NOTE: All ECHOSORBA II panels should be installed in accordance with manufacturer's brochure instructions unless instructed otherwise in writing. The contractor shall be responsible for the examination and acceptance of all conditions and project suitability prior to the acoustic panel installation, including eliminating any condensation or cold bridging possibilities.</i>				
	PLASTERING PAINTING, INSULATION, WALL LINING				
2.1	Removal of faulty plaster and making good of walls and ceilings to include for filling of any holes in walls and removal of old fixings & fittings in order to prepare wall to take plaster finish.	1	L/S	€	-
2.2	Plastering and painting of internal walls with Gypsum based plaster to achieve a level finish. Rate is to include all metal plastering edgings and minimum of two coats of paint of approved colour.	404	SQM	€	-
2.3	Painting of internal ceilings (colour to be approved) .Rate is to include minimum of two coats of paint and cleaning of ceiling.	207	SQM	€	-
	PARTITIONS & SOFFITS				
2.4	P1. Supply and install 125mm thick gypsum partition wall with overall dimension of approx. 3180 (H)x 2000 (W) mm. Including 2 skins of gypsum boarding (12mm thick) on either side .Metal stud frame approx. 75mm thick. Partitions are to be hermetically sealed . Rate is also to include for any necessary service holes and application of two coats of exterior plastic emulsion paint of approved colour.	Rate Only	m2		
2.5	Removal of existing soffit in preparation of new services and soffits	1	L/S	€	-
2.6	Supply and install gypsum soffit ceiling, Including metal stud frame approx. 75mm thick. Soffit is to be hermetically sealed . Rate is also to include for any necessary service holes and application of two coats of exterior plastic emulsion paint of approved colour. Sample and data sheet to be submitted.	207	SQM	€	-
	Bill No 2. : INTERNAL & EXTERNAL WALL & CEILING FINISHES.				
	Sub-total carried to Summary			€	0.00

Item	Description	Qty	Unit	Rate €	Amount €
BILL 3	FLOOR FINISHES, SILLS AND JOINTS				
	Note: To be read in conjunction with the drawings:				
	FLOOR TILING				
3.1	Supply and Laying of anti-slip 60cm x 120cm Full body Gres floor tiles, rectified in first floor rooms as approved by the Client. Rate to include matching grouting and working around expansion joints.	207	SQM	€	-
3.2	Bedding for tiles(torba) of approx. 100 mm	207	SQM	€	-
3.3	Supply and Install 8 cm high skirting from matching full body GRES tiles in rooms and stairwell.Rate to include for all necessary cuttings and matching grouting.	105	Lm/M	€	-
	NEW W.C. WALL TILING				
3.8	Hack wall in preparation to apply tile adhesive	60	SQM	€	-
3.9	Supply and lay tile adhesive	60	SQM	€	-
3.10	Laying of anti-slip 60cm x 120cm Gres tiles along w.c. walls (tile is to be provided by client) . Rate to include matching grouting and working around expansion joints & supply and install of aluminium/plastic profile around existing window.	60	SQM	€	-
	SILLS & THRESHOLDS				
	All rates are to include for supply and laying of sills, including all bedding material and waterproofing works.				
3.11	Supply and install stone sill with overall dimensions of 350 mm(W) .	15	l.m	€	-
	Bill No 3 : FLOOR FINISHES,SILLS AND JOINTS				
	Sub-total carried to Summary			€	0.00

Item	Description	Qty	Unit	Rate	Amount
	€			€	
BILL 4	ALUMINIUM AND TIMBER WORKS				
	Note: To be read in conjunction with the drawings: 1				
	APERTURES				
4.1	D1- Supply and install double leaf Aluminimun door in white. Double glazed and thermal profile. Overall dimensions 2150mm(H) x 1500mm(W). Style to be approved by client. Door to be equipped with electronic striker mechanism and linked to intercom system.	1	NO	€	-
4.2	D2- Supply and install single leaf Aluminimun door white. Double glazed and thermal profile. Overall dimensions 2150mm(H) x 1000mm(W). Style to be provided by client.	1	NO	€	-
4.3	D3- Supply and install double leaf Aluminimun door in white. Double glazed and thermal profile. Overall dimensions 2150mm(H) x 1500mm(W). Style to be approved by client.	1	NO	€	-
4.4	W1 - Supply and install double leaf sliding aluminimun door in white. Double glazed and thermal profile. Overall dimensions 2150mm(H) x 2000mm(W). Style to be approved by client.	1	NO	€	-
4.5	W2 - Supply and install double leaf sliding aluminimun door in white. Double glazed and thermal profile. Overall dimensions 2150mm(H) x 1500mm(W). Style to be approved by client.	1	NO	€	-
4.6	W3 - Supply and install triple leaf sliding aluminimun door in white. Double glazed and thermal profile. Overall dimensions 2150mm(H) x 2750mm(W). Style to be approved by client.	1	NO	€	-
4.7	W4 - Supply and install multiple leaf sliding aluminimun door in white. Double glazed and thermal profile. Overall dimensions 2150mm(H) x 5000mm(W). Style to be approved by client.	1	NO	€	-
	Timber works				
4.8	Manufacture, deliver to site and fix in place timber railing for stairs. Style to be supplied by designer / architect in charge. Rate is to include all fixings necessary	6.0	LI/M	€	-
4.9	Manufacture, deliver to site and fix in place timber door matching existing doors already installed on site. Rate is to include all fixings necessary	2.0	NO	€	-
	Bill No 4 : ALUMINIUM & STEEL WORKS				
	Sub-total carried to Summary			€	0.00

Item	Description	Qty	Unit	Rate	Amount
	€			€	
BILL 5	MECHANICAL, ELECTRICAL & PLUMBING WORKS				
	Note: To be read in conjunction with the drawings:				
	PLUMBING INSTALLATION				
	NOTE : All plumbing pipework and accessories shall be suitable for highly chlorinated water (such as mains water etc.).				
	Supply and install the following Polypropylene PN 10 main distribution pipework installed at office level and in shafts, c/w weatherproof covering and coated for protection against UV for all external runs inclusive of all accessories, fittings sleeves in walls, brackets fixing, vents and all necessary to provide a complete system. Pipes to have the following Internal Ø in mm				
5.01	20 mm dia. Plumbing hot and cold water using Polybutylene pipework chased in wall/ at ceiling level, from header in shaft / main distribution pipework as indicated above to final sanitary fittings including the supply of all pipework, fittings, brackets etc. for a complete installation as per drawing and specifications	3	No.	€	-
5.02	WC complete c/w flushing Supply and install U-PVC drains from sanitary fitting/ equipment to connection to main sewerage pipework in shaft including all fittings, gulleys, elbows, Tee-s, etc. as may be necessary for a complete installation for the following:	4	No.	€	-
5.03	Supply and Installation of floor drain. Supply, install and connect the following sanitary ware and chrome fittings which shall be supplied by the client	1	No.	€	-
5.04	Wash hand basin	3	No.	€	-
5.05	Wash hand basin mixer and waste	3	No.	€	-
5.06	WC complete with flushing Supply, install and connect the following:	4	No.	€	-
5.07	Chrome Plated Angle Valves - 15mm dia.	2	No.	€	-
5.08	Floor drain	1	No.	€	-
5.09	Supply and install partitioning system for sanitary facilities as per plan	1	L.S.	€	-
			€		
5			€		

	General:				
5.10	Provision to connect plumbing systems with the existing main plumbing infrastructure, including the supply of all material, fittings, connections and any other accessories required for a complete system.	1	L.S	€	-
5.11	Test and commission system including the provision for all necessary pressure testing as may be required	1	L.S.	€	-
5.12	Supply one full set of as fitted drawings (including 1 hard copy and a digital copy on 2 separate USBs) c/w all manuals etc..	1	Set	€	-
SEWERAGE SYSTEM					
<i>Supply, install and connect the following UPVC sewerage pipework fixed to walls, ceiling by appropriate brackets and laid to falls as per drawings, inclusive of all accessories, brackets fixing, vents and all necessary ancillary items to provide a complete working system. Pipes to have the following Internal Ø in mm</i>					
	General:				
5.13	Provision to connect Sewerage Pipework to Main Sewerage System	1	L.S.	€	-
5.14	Test and commission system including the provision for all necessary testing as may be required	1	L.S.	€	-
5.15	Test and commission system including the provision for all necessary testing as may be required	1	L.S.	€	-
5.16	Supply one full set of as fitted drawings (including 1 hard copy and a digital copy on 2 separate USBs) c/w all manuals etc..	1	L.S.	€	-
ELECTRICAL INSTALLATION					
5.17	Making safe of existing electrical systems to allow for safely carrying out of works	1	L.S.	€	-
<i>Supply, install and connect the following Distribution borads:</i>					
5.18	Distribution board 16 Module 40 Amp SPN, c/w all MCBs, RCDs, RCBOs, contactors, etc.	1	No.	€	-
<i>Supply, install and connect the following supply cables on cable tray, including all cleats, glands, terminal lugs etc., for a complete system</i>					
			€		
5			€		

5.19	Twin socket outlet	15	No.	€	-
5.20	1 Light Points on 1 Switch	1	No.	€	-
5.21	3 Light Points on 1 Switch	2	No.	€	-
5.22	4 Light Points on 2 way Switches	4	No.	€	-
5.23	Extra over and above cabling for voltage sensing/battery charging for fittings with power pack.	1	No.	€	-
5.24	Emergency light points (Maintained) <i>Wiring from consumer units using LSZH cable enclosed in galvanised trunking and LSZH conduit chased in wall including the supply of all LSZH cable and wiring accessories etc. for a complete installation</i> <i>Preparation of the following:</i>	1	No.	€	-
5.25	Supply and install PVC conduit c/w draw wire, chased in wall or in screed under tiles, from AC unit to AC thermostat.	3	No.	€	-
5.26	General Earthing of the installation according to IET standards and local Enemalta regulations, c/w supply of Earth Electrodes	1	L.S.	€	-
5.27	Test and commission system including the provision for all necessary testing as may be required	1	L.S.	€	-
5.28	Supply one full set of as fitted drawings (including 1 hard copy and a digital copy on 2 separate USBs) c/w all manuals etc..	1	Set	€	-
INSTALL AND CONNECT OF LIGHT FITGHINGS					
	<i>Install and connect the following light fittings:</i>				
5.29	Ceiling mounted Light Fitting	40	No.	€	-
5.30	Ceiling mounted Light Fitting c/w battery back-up	1	No.	€	-
5.31	Maintained Emergency Exit Sign	1	No.	€	-
CABLE CONTAINMENT INSTALLATION					
	<i>Supply and install galvanised cable tray/trunking/cable basket as per specifications and indicated on drawings c/w earth clips etc. for a complete installation</i>				
			€		
5			€		

5.32	Power - Trunking 100 x 50 mm	25	M		
5.33	Data- Cable Basket 75 x 50 mm	25	M	€	-
5.34	Cable tray - Power 100 mm	25	M	€	-
5.35	General Earthing of all metal cable containment	1	L.S.	€	-
5.36	Supply one full set of as fitted drawings (including 1 hard copy and a digital copy on 2 separate USBs) c/w all manuals etc..	1	Set	€	-
DATA INSTALLATION					
<i>Supply and install data points via galvanized trunking and LSZH conduit chased in walls from existing Data Cabinet to various data points as per drawing. There shall be 1qty 25 mm conduits for a maximum of two cables. All data cable conduit shall be 25mm diameter.</i>					
5.37	Data Points	3	No.	€	-
<i>Wiring from existing Data Cabinet to the following points using CAT6 cables including the provision of all cables etc for a complete system. All cables to be marked at both ends using appropriate number bands</i>					
5.38	Data Points x 2	3	No.	€	-
<i>Supply, Install and Connect the following wall plates</i>					
5.39	Twin Wall plates	1	No.	€	-
5.40	Termination of cables at both ends including the provision of RJ45 sockets	6	Cable	€	-
5.41	Testing of cables and issuing of the relevant certifications per data point	6	Cable	€	-
General:					
5.42	Supply, install and connect 1U 19" 24 port CAT 6 LSZH patch panels	6	No.	€	-
5.43	Supply one full set of as fitted drawings (including 1 hard copy and a digital copy on 2 separate USBs) c/w all manuals etc..	1	Set	€	-
5.44	Supply and install intercom system with cards for the main entrance door	1	L.S.	€	-
			€		
5			€		

[illegible]

Item	Description	Qty	Unit	Rate	Amount
				€	€
BILL 6	HVAC WORKS				
	Note: To be read in conjunction with the drawings:				
	AIR CONDITIONING INSTALLATION Split Systems: Supply and install split type units c/w inverter controlled compressors as per specification The units shall be complete with thermostats located as indicated in the drawings, and including all electrical wiring, ducting, drains, connections, control cabling from outdoor unit to indoor unit, all copper piping between indoor and outdoor units inc oil traps etc control cabling from unit to thermostat and all other accessories etc. required for a complete installation:				
6.01	Supply, install and connect air conditioning units to supply reception area in its entirety. Sizing to be done by supplier.	3	No.	€	-
6.02	Supply, install and connect thermostats	3	No.	€	-
6.03	Supply and install PVC drains for A/C units c/w closed cell type insulation c/w all chasing, brackets etc for a complete system - for all Split systems.	3	L.S.	€	-
	General:				
6.04	Test and commission system including the provision for all necessary testing as may be required	1	L.S.	€	-
6.05	Supply one full set of as fitted drawings (including 1 hard copy and a digital copy on 2 separate USBs) c/w all manuals etc..	1	Set	€	-
	DAY WORKS				
	WORKING DAY HOURLY RATE:				
6.06	Hourly Rate for Site Foreman	1	Hr	€	-
6.07	Hourly Rate for Technician	1	Hr	€	-
6.08	Hourly Rate for Skilled Installer	1	Hr	€	-
6.09	Hourly Rate for Unskilled Installer	1	Hr	€	-
6.10	Hourly Rate for Engineer	1	Hr	€	-
	Bill No 6: HVAC WORKS				
	Sub-total carried to Summary			€	0.00

Item	Description	Qty	Unit	Rate	Amount
				€	€
BILL 7	CIVIL WORKS				
	Note: To be read in conjunction with the drawings:				
	DEMOLITION				
	Note 1: All rates for Demolition works to include all necessary propping, strutting, scaffolding, carting away surplus material, use of crane, statutory permits, electricity, water and transport expenses. Note 2: If required, the thickness of stonework used shall match that of the existing walls on site.				
7.01	Floor Slab Demolition of existing ground slab and cart away and dump off in an approved landfill demolition waste. Up to 200mm of material	180	m ²	€	-
7.02	Formation of culvert for drainage services. Culvert to measure approx 500m w x 500mm depth. Culvert to be excavated in loose material.	50	m	€	-
7.03	Demolition of existing staircase and cart away and dump off in an approved landfill demolition waste.	1	L.S.	€	-
	ALTERATIONS				
7.04	ALTERATION 1.01 Formation of new opening in existing masonry wall. Prop existing adjacent slabs. Removal of existing wall as indicated on construction drawings. Make good door jambs. Insert steel beam over grade C25 cast in situ concrete bearing pads as indicated by the Architect in Charge. Fill space between top of beam and concrete slab/overlying wall with non shrink mortar Sika Rep or approved equivalent. Grout space between bearing pads and steel beams with Sika Grout 312A or approved equivalent non-shrink expansive grout. Paint beam with 2 coats of Galvocoat or approved equivalent cold galvanising paint. Size of opening approx w 3.36m x h 3.5m Beams used for opening - 2 x IPE300	1	L.S.	€	-
	CIVIL WORKS				
7.05	Grade C20 blinding, unreinforced, poured on or against earth or unbinded hardcore. Rate is to include for all necessary ground preparation and possible formwork prior to casting.	RATE ONLY	m2	€	-

			€		
			€		
7.06	Grade C25, reinforced ground slab circa 150mm thick as per detail provided. Price is to include for the supply and laying of 150mm Iglu's and A252 Mesh as well as the formation of ventilation holes	RATE ONLY	m2	€	-
7.07	Supply bend and fix including all necessary cover blocks and stools, high tensile (H=500 N/mm2) steel rod reinforcement in columns, beams, slabs, stairs etc. Steel bars by weight	250	KG	€	-
7.08	Dowel H10, H12 or H16 reinforcement bars into existing concrete/masonry embedded with Hilti-HIT epoxy grout to achieve full tension anchorage.(Provisional)	3	No.	€	-
7.09	Hire of Concrete Pump	1	Hr	€	-
7.1	Hire of Crane	1	Hr	€	-
7.11	Reinforced concrete C30 suspended stairs including all shuttering to approved configurations, scaffolding (varying heights as required), plastic spacers, and mechanical vibration. Assuming 175mm to 170mm risers and 250mm to 310mm treads. 175mm waist, additional thickness catered for as per additional thickness in concrete slabs; any width. (Reinforcement measured separately). (Measured per step length in width)	65	M	€	-
Bill No 7: CIVIL WORKS					
Sub-total carried to Summary				€	0.00

Item	Description	actual Qty	Qty	Unit	Rate	Amount
					€	€
BILL 8	Reception Bespoke Furniture					
	Note: To be read in conjunction with the project drawings and to be discussed with the Client:					
	Re					
8.1	Customized desk including three sets of drawers as per design	1.0	1	L/S		€ -
8.2	Storage cupboards as per design	2	2	NO		€ -
8.3	Wall units as per design	2	2	NO		€ -
8.4	Sofa as per design	1	1	L/S		€ -