



JAVA Design Concepts LTD

***YORKVILLE HOTEL & APARTMENTS
LIMITED
BILL OF QUANTITIES
Revision 01***



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General Summary

Preamble



Item	Description
1	<u>Pricing</u>
1.01	The items in the Breakdown for the Lump Sum do not necessarily contain full description of the required Works, and when pricing, the Tenderer shall allow in his unit rates for all obligations, liabilities and services stipulated in the relevant sections of all Tender and Contract Documents to provide and maintain a complete construction and installation.
1.02	The Tenderer shall, during his study of the Tender, address his queries, if any, to the Employer, who will study and clarify all such queries. Should the Tenderer during his study of the Tender, consider that there is any shortage, error or inconsistency in the Contract Documents, which would affect the rates/prices of his Tender, or the value of the works, the Tenderer must have all such points clarified by the Employer before submitting his Tender.
1.03	Tenders shall be strictly in accordance with the Tender Documents and shall not be qualified in any way. Any such qualification is liable to result in a Tender which is otherwise favorable, not being considered. The Tenderer shall therefore ensure that any explanatory or descriptive matter included with his Tender does not constitute a qualification to the Contract requirements and the provisions and conditions as stipulated in the Documents.
1.04	The Tenderer shall not alter the text of the Breakdown for the Lump Sum. Any alteration to the text inserted by the Tenderer shall lead to the rejection of the Offer.
1.05	The Breakdown for the Lump Sum shall be priced in United States Dollars. All payment made to the successful Tenderer in accordance with all certificates, accounts and similar documents relating to this Contract shall be in US\$.



Item	Description
1.06	The Tenderer shall satisfy himself as to the meaning of each item in the Breakdown for the Lump Sum. Unless otherwise itemized separately, the rates inserted by the Tenderer shall be deemed to cover all costs, expenses, risks, liabilities, obligations and services described in the Tender Documents, the full cost of the Works, including all direct and indirect expenses, sundry labors, overhead and profit, and all matters for the proper construction, completion and maintenance of the Works.
1.07	Unless otherwise itemized separately, these rates shall allow, but not by way of limitation, - for complying with all Contract Documents; - for any design required by the Contractor where expressly stated in the Contract; - for all labor and material including samples, sampling and testing, waste, transport, mockups, and shop, fabrication and as-built drawings; - for all temporary work of each description required including any that may be required by Sub-Contractors whether nominated or otherwise; - for the provision and use of all equipment and plant of every kind, whether mechanical, non-mechanical or manual, required for the expeditious carrying out of the Works in their proper sequence; - for shifting, altering and adapting such temporary work and equipment as may be required during the progress of the Works and removing at completion and making good any surfaces disturbed; - for full customs and other import duties; - for cooperation and coordination of the Works with his Sub-Contractors; - for providing all required guarantees and bonds; - for providing all required insurances and the like; - for all necessary temporary services associated with the Works; - for Maintaining the Engineer's site office; - for providing until handing over, clean and uncontaminated water and all necessary adequate electrical power required for the works; - for the work in connection with measurement and re-measurement of all variations ordered by the Engineer, and the final account;



Item	Description
	- for daily site cleaning during execution of the Works and final cleaning after completion of the works including removing all waste, scrap and resulting materials to approved dumping areas; - for overhead and profit; - and for all other establishment charges and all costs of whatever nature. No claim for additional payment or extension of time will be considered for any error or misunderstanding by the Tenderer in these respects.
1.08	Any item, which is not priced, shall be deemed to have been included in other rates and prices, and in the Contract Price.
1.09	The rates and final Contract Price inserted by the Tenderer in the Breakdown for the Lump Sum shall be in words and in figures. In case of discrepancy between the two, the rates written in words shall govern.
1.10	When pricing the Breakdown for the Lump Sum, the Tenderer must be aware of all site conditions.
1.11	The unit rates and prices inserted by the Tenderer shall apply throughout the Contract and to any additional work, which might be ordered by the Employer.
1.12	The Tenderer shall submit to the Employer, unless stated otherwise, a detailed breakdown of all his rates and lump sums prior to the signing of the Contract. The Tenderer shall liaise on this matter with the Employer.
1.13	The Tenderer should price all items he considers of value. If items are not priced by the Tenderer, they will be deemed to be of no value or that their value has been spread throughout the rates of other items.
1.14	The Tenderer shall price all items excluding taxes.
1.15	The Tenderer shall complete the collections at the end of each Division and carry the totals to the "General Summary" whose total shall be carried to the "Form of Tender".



Item	Description
1.16	The Tenderer shall allow in his rates for protecting all Works against damage by whatever method deemed necessary and approved. Any work damaged before the Works are handed over shall be replaced or made good at the Tenderer's expense and to Engineer's satisfaction.
1.17	The Tenderer is expected to take all necessary precautions to avoid damaging services and where they are interrupted to reconnect them immediately. Any underground utility/service structure related to any local authority shall be properly disconnected, disposed, relocated and/or diverted under the supervision of the Engineer, and under the control of the relevant authority at no additional cost. No separate payment shall be made and the rates in the Breakdown for the Lump Sum shall be deemed to cover adequately all costs. The Tenderer's attention is drawn to the fact that the service authorities may impose, in addition to the cost of repair, statutory penalties. Details of these requirements may be obtained from the respective authorities.
1.18	Unit rates and lump sums inserted by the Tenderer in the Breakdown for the Lump Sum shall be fixed and not subject to variation. The Tenderer shall not be able to claim for any compensation due to difficulties in the works, shortage of labor, equipment or material, bad weather or unforeseen circumstances.
1.19	Any "Optional" or "Provisional" item included in the Breakdown for the Lump Sum, which is not carried out, shall be omitted from the interim and final statements. Any additional item of work carried out on the Engineer's written instructions shall be included in the relevant interim and final statements.



Item	Description
1.20	Any discount offered by the Tenderer shall be applied uniformly on a pro-rate basis to all items in the Breakdown for the Lump Sum, and to items of any necessary variation (if any) made by the Employer, which shall be a part of the Tender Documents. Discount shall not be applied against Provisional Sums inserted by the Employer in the Breakdown for the Lump Sum.
1.21	The Contractor shall include in his rate the cost and time effect of coordinating and fully assisting any other Nominated Sub-Contractors, if any, appointed by the Employer, during schedule overlapping in the utilization of all equipment and facilities, and maintaining all equipment (cranes, generators, safety barriers, site security, etc.) operational until the end of all trades of the entire project. No claim for additional payment or extension of time will be considered in these respects.
2	<u>Measurement</u>
2.01	The Quantities set-out in the Breakdown for the Lump Sum are estimated quantities and are intended to give a reasonable indication of the works shown on the Drawings, they are not to be taken as the actual and correct quantities of the Works to be executed by the Tenderer in fulfillment of his obligations under the Contract.
2.02	This is a Lump Sum Contract. The estimated quantities set-out in the Breakdown of the Lump Sum are indicative, and the actual and correct quantities needed for the execution of the Works are the sole responsibility of the Tenderer. All executed and accepted Works shall not be subject to re-measurement on site, and payment shall be made at the corresponding lump sum or rates on the estimated quantities shown in the Breakdown of the Lump Sum. Only modifications and variation in extent of work ordered by the Engineer shall be measured and paid for as executed, completed and accepted by the Engineer, and shall be calculated as an addition or deduction to the Lump Sum of the Contract on the basis of approved rates presented by the Tenderer.



Item	Description
2.03	Permanent variations ordered by the Engineer, if any, shall be measured net as installed, with no allowance made for laps or waste, and irrespective of any trade, general or local customs. All measurement shall be applicable only to finished work as completed, and no allowance shall be made for wastage, working spaces, bulking, shrinkage, overlaps, etc.; the principle of net measurement shall be applied to all permanent variations ordered by the Engineer, if any, under this Contract. All measurement shall be rounded up or down to the nearest integer number, and exact half units shall be rounded up. Any thickness stated in this Document shall be the finished and specified thickness. The unit of measurement for each item shall be as indicated in the Breakdown of the Lump Sum.
2.04	Certain items in the Breakdown for the Lump Sum are designated "Provisional" or "Optional". The provision of such facilities as described in the items so designated, shall be used only upon written direction of the Engineer. If not used either wholly or in part, the amount not used shall be deducted from the Contract Price and no claim shall be entertained with respect to overhead charges or any other cost that may allegedly result therefrom.
2.05	Lump Sum items shall not be paid until all the requirements and obligations set forth in these respects are accomplished completely to the satisfaction of the Engineer; However, where Lump Sum items involve the Contractor in periodic costs, payment will be made at the Engineer's discretion.
3	<u>Expressions, Notations and Abbreviations</u>
3.01	The expression "approved shop drawings" shall be deemed to mean "shop drawings submitted by the Contractor and approved by the Engineer".
3.02	Whenever the expression "shown on the drawings" appears in the Breakdown for the Lump Sum, it shall be deemed to mean "shown on the Tender drawings and on approved shop drawings".



Item	Description
3.03	When the expression "ditto" appears under an item in the Breakdown for the Lump Sum, it shall be deemed to mean that the said item shall include the whole relevant description of the preceding item together with any description written before and/or after the said expression.
3.04	When the expression "extra-over" appears under an item in the Breakdown for the Lump Sum, it shall be deemed to mean that the said item shall be measured and paid for in addition to the measurement of the basic item to which it relates.
3.05	The following notations and abbreviations are used in the Breakdown for the Lump Sum: - Millimeter mm - Centimeter cm - Linear Meter lm - Kilometer km - Square Meter m² - Cubic Meter m³ - Kilogram kg - Megapascal MPa - Flange Pressure Rating PN - Kilowatt kW - Unit U - Number № - Lump Sum LS - Provisional Sum PS - Drawing Dwg. - Value Added Tax VAT - Breakdown for the Lump Sum BLS

End of Preamble

Division 1: General Requirements



Division 1: General Requirements					
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
	Note These General Requirements are applicable to the whole of the Works. If the Tenderer wishes to price any of the items contained herein then each such item, clause, or sub-clause must be individually priced. The Tenderer shall not enter any lump sums covering more than one or all items, clauses and sub-clauses. If the General Requirements item has not been priced it will be deemed that the value of such item, clause or sub-clause is included in the rates for measured items elsewhere in the Breakdown of the Lump Sum.				
1	<u>Preliminaries</u>				
1.01	<u>Insurance</u> Provide the following insurances from an approved insurance company, all as detailed in the Conditions of Contract. - Contractor's all risk insurance; - Contractor's plant and equipment insurance; - Workmen compensation insurance; - Third party insurance; <i>Lump Sum in Words:</i>	LS	1		
1.02	<u>Programme of Works</u> Prepare and submit to the Engineer for approval a detailed Construction Programme showing the proposed order and method to execute the Works, the dates upon which the various elements, trades, sections and items of the works will be started and completed, and the cash flow estimate, complete including monthly forty-five day program, all necessary revisions and updates, monitoring, all required supporting data, computer analysis and schedules, and all other related works, all as specified and to the satisfaction of the Engineer. <i>Lump Sum in Words:</i>	LS	1		
1.03	<u>Mobilization and Demobilization</u> Mobilization to site and demobilization on completion of the Works. <i>Lump Sum in Words:</i>	LS	1		

Carried to Collection _____



Division 1: General Requirements					
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
1.04	<u>Accommodation and Services for the Engineer</u> Maintain during and until completion of the Works, existing temporary accommodation and services for the Engineer complete including, but not limited to: - Engineer's site office; - Equipment and assistance; - Computer with Internet connection including all monthly internet charges and invoices; - Telephone lines including cost of all local call charges and invoices; - All supplies, furniture, equipment, services and utilities; - Parking and access, and car ports; - Demobilization on completion of works of all accommodations and services; - and all other related works, all as specified and to the satisfaction of the Engineer. LS	1			
	<u>Lump Sum in Words:</u>				
1.05	<u>Peripheral Protection Fence with Access Gates</u> Maintain and remove upon completion of works existing peripheral protection fence around the site, complete all as specified, to the satisfaction of the Engineer, and in accordance with relevant authorities' regulations. LS	1			
	<u>Lump Sum in Words:</u>				
1.06	<u>Signboards</u> Provide, maintain and remove upon completion of works, signboards at the site giving information on the Project, Employer's name, Engineer's name, Contractor's name, project duration and all other details prescribed by the Engineer, complete with all necessary instructed alterations to the signboard (if any), all as specified, shown on approved shop drawings and to the satisfaction of the Engineer. No	1			
	<u>Unit Rate in Words:</u>				
1.07	<u>Water for the Works</u> Provide until handing over, clean and uncontaminated Water for the Works and suitable for all purposes, complete including coordination with all relevant authorities, transportation to site, pipework, pumps, connections and storage facilities where necessary. Test to BS 3148 when instructed. LS	1			
	<u>Lump Sum in Words:</u>				

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Division 1: General Requirements					
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
1.08	<u>Electrical Power for the Works</u> Provide all necessary adequate Electrical Power Supply required for the Works until handing over using silent generated powers, complete including all necessary connections, fuel, maintenance, and if main power is available, allow for all necessary coordination and connections with relevant local authorities, and for all charges and fees incurred during the total duration of the Contract. <i>Lump Sum in Words:</i>	LS	1		
1.09	<u>Wheel or Vehicle Washing Facilities</u> Provide during the total duration of the Contract, adequate on-site wheel or vehicle washing facilities for construction vehicles leaving the site, all in accordance with relevant Authorities' regulations, and to the satisfaction of the Engineer. <i>Lump Sum in Words:</i>	LS	1		
1.10	<u>Setting Out and Accuracy</u> Provide all necessary survey works and tasks required for "Field Engineering", all as specified and to the satisfaction of the Engineer. <i>Lump Sum in Words:</i>	LS	1		
1.11	<u>Monthly Progress Reports</u> Provide monthly progress reports showing the actual progress of work by identifying works commenced and/or completed during the previous month including progress photographs, works to be carried out during the following month, and the estimated time required to complete all activities and works in relation with the programme of works, all as specified and to the satisfaction of the Engineer. <i>Lump Sum in Words:</i>	LS	1		

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Division 1: General Requirements					
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
1.12	<u>Shop Drawings and As-Built Drawings</u> Prepare and furnish to the approval of the Engineer all required and/or necessary Shop Drawings during the execution of the Works, and the required final As-Built Drawings on completion of the Works embodying all working drawings, detail drawings, as constructed drawings, and all approved latest amendments and variations to the Contract.	LS	1		
	<i>Lump Sum in Words:</i>				
1.13	<u>Protection of Neighboring Properties</u> Take all measures necessary to protect neighboring constructions, buildings, roads, sidewalks and others from damage due to subsidence or other and from noise and other nuisances such as vibrations, dust and other disturbing elements, all as specified and to the satisfaction of the Engineer.	LS	1		
	<i>Lump Sum in Words:</i>				
1.14	<u>Cost and Time Effect</u> Coordinate and fully assist any other Nominated Sub-Contractors (if any) appointed by the Employer, during schedule overlapping in the utilization of all equipment and facilities, and maintaining all equipment (cranes, generators, safety barriers, site security, etc.) operational until the end of all trades of the entire project. No claim for any additional payment or extension of time will be considered in these respects.	LS	1		
	<i>Lump Sum in Words:</i>				
2	<u>Unforeseen Items</u> The Contractor shall list below any unmentioned Items that he considers to be of value and for which he wishes to include in his Tender, and shall include details of quantities and rates accordingly after the client's agreement.				
2.01	 <i>Unit Rate or Lump Sum in Words:</i>	Item			

Carried to Collection _____



Division 1: General Requirements					
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
2.02	<i>Unit Rate or Lump Sum in Words:</i>	Item			
2.03	<i>Unit Rate or Lump Sum in Words:</i>	Item			
2.04	<i>Unit Rate or Lump Sum in Words:</i>	Item			
2.05	<i>Unit Rate or Lump Sum in Words:</i>	Item			
3	<u>Provisional Items</u> The Client shall list below any Additional Items that he considers to add to the scope of work, and shall include details of quantities and rates accordingly after the contractor's agreement.				
3.01	<i>Unit Rate or Lump Sum in Words:</i>	Item			
3.02	<i>Unit Rate or Lump Sum in Words:</i>	Item			
3.03	<i>Unit Rate or Lump Sum in Words:</i>	Item			
3.04	<i>Unit Rate or Lump Sum in Words:</i>	Item			
3.05	<i>Unit Rate or Lump Sum in Words:</i>	Item			

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Division 1: General Requirements

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Division 4: Masonry



					Division 4: Masonry
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
1.0	Hollow Block Walls				
	<i>Notes: - The Contractor shall submit to the Engineer for approval all necessary shop drawings of proposed construction details including all necessary stiffening columns and tie beams for brick walls, and including lintels, jambs and sill detail for each opening whether it is shown on drawings or not.</i>				
1.1	100 mm thick interior walls in hollow blocks. <i>Unit Rate in Words:</i>	m2	712.0		
1.2	250 mm thick cavity walls. 100mm thick hollow block, 50mm cavity and 100mm thick hollow block wall <i>Unit Rate in Words:</i>	m2	1,349.0		
1.3	150mm thick interior walls in hollow block. <i>Unit Rate in Words:</i>	m2	2,139.0		

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Division 5: Metals



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					Division 5: Metals
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
1.0	<u>Handrails and Railings</u>				
1.1	<u>Stainless Steel Balustrades and Handrails</u> Supply and install the following Stainless steel balustrades and handrails complete including tubes, supports, angles, plates, jointing, fittings, fixings devices and accessories and all other related works, all as specified, shown on the drawings and to the satisfaction of the Engineer.				
1.2	Stainless steel handrails for stairs and balconies and entrance porches, 90cm height, horizontal and raking (sloped). Each consisting of 6 rails <i>Unit Rate in Words:</i>	lm	301.5		
2.0	<u>Curtain Wall Mullions</u>				
2.1	Supply and install Aluminium curtain wall Mullions of 150x50mm thickness according to attached drawings and specifications. The price includes fixable and removable windows and any required accessories according to specifications and engineer instructions. <i>Unit Rate in Words:</i>	lm	1,931		
2.2	Supply and install Aluminium curtain wall Border Mullions of 30x30 mm thickness according to attached drawings and specifications. The price includes fixable and removable windows and any required accessories according to specifications and engineer instructions. <i>Unit Rate in Words:</i>	lm	30		
3.0	<u>Lighting Fixtures</u>				
3.1	Downlight recessed LED light fixture 120x40cm (100W) <i>Unit Rate in Words:</i>	Nº	90		
3.2	Circular LED Light Fixture 40cm (40W) <i>Unit Rate in Words:</i>	Nº	106		
3.4	Square LED Light troffer 60x60cm (80W) <i>Unit Rate in Words:</i>	Nº	124		

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Division 7: Thermal and Moisture Protection



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Total Carried to General Summary

Division 7: Thermal a				
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)
1.0	<u>Bituminous Dampproofing</u>			
1.1	<u>Waterproofing System to Wet Areas</u> Supply all required materials and construct the following waterproofing system to all wet areas, complete including, but not limited to the following: - Surface preparation including cleaning & sealing of cracks and joints with approved sealant materials; - Execution of concrete upstands at entrance openings; - Execution of cement sand mortar (1:3) beveled corners to all intersections, size 50 mm x 50 mm fillet; - Application of bituminous primer; - Application of one layer of cold applied bitumen membrane, 5 mm thick, to floor surfaces, and dressing up 250 mm high against walls - Execution of cement sand screed 70 mm thick, sloping (1% slope), laid to falls or cross falls; - Supply and installation of perforated 2" diameter drainage pipe with coco-fiber protection including connection to drainage system; - All necessary accessories and laps; - Provision of ten year free maintenance guarantee for the waterproofing system after completion of the works complete including coverage of materials and installation, and repairing all damages resulting from failure to resist the penetration of moisture; - All as specified, shown on the drawings and to the satisfaction of the Engineer.			
1.1.1	Waterproofing system under tiles in toilets & kitchens& showers etc.. <u>Unit Rate in Words:</u>	m ²	245.0	

Carried to Collection _____

Division 7: Thermal a				
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)
2.0	<u>Membrane Waterproofing</u>			
2.1	<u>Waterproofing System to Roof and Top of Roof</u> Supply all required materials and construct the following waterproofing system to the following roof surfaces complete including, but not limited to: - Surface preparation including cleaning & sealing of cracks and joints with approved sealant materials; - Execution of concrete upstands on the periphery; - Execution of cement sand mortar (1:3) beveled corners to all intersections, size 50 mm x 50 mm fillet; - Application of bituminous primer; - Application of one layer of torch applied SBS polymer modified bitumen membrane, 5 mm thick, to floor surfaces, and dressing up 250 mm high against walls and parapets, and covering all upstands; - Application of additional membrane at drain outlets; - Execution of groove and fixing the waterproofing membrane with fasteners, supply and installation of approved anodized aluminum flashing for waterproofing system, complete including mastic sealants and anchors; - Supply and installation of 1000 guage nylon sheet - Supply and installation of extruded polystyrene insulation boards, 50 mm thick, 45 kg/m³ density, laid with approved adhesive materials; - Supply and installation of 1000 guage nylon sheet - Placement of 60 mm thick sand layer, sloping with the above tiles (2% slope), laid to falls or cross falls; - Supply and installation of 800x800x40 mm staggered tiles (2% slope), laid to falls or cross falls. - Filling of all tiles joints with approved waterproof grout. - All necessary accessories and laps; - Provision of ten year maintenance free guarantee for the waterproofing system after completion of the works complete including coverage of materials and installation, and repairing all damages resulting from failure to resist the penetration of moisture; - All as specified, shown on the drawings and to the satisfaction of the Engineer.			
2.1.1	Waterproofing system to roof and top of roof an terraces <i>Unit Rate in Words:</i> 	m ²	602.0	
2.2.2	waterproof for surfaces in contact with soil <i>Unit Rate in Words:</i> 	m ²	2,912.0	
2.2.3	water proof for pool <i>Unit Rate in Words:</i> 	m ²	150.0	

Carried to Collection _____



nd Moisture Protection

Amount
(US \$)

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nd Moisture Protection

Amount
(US \$)

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Division 8: Doors and Windows



				Division 8: Doors and Windows	
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
1.0	<u>Wooden Doors and Windows</u>				
	<u>Panel Wood Doors</u>				
	Supply and install the following wood doors complete including solid wood sub-frames and frames where indicated, architraves and glazed panels where indicated, hardware, handles, ironmongery, fixing accessories, preservative treatment of wood and painting, all as specified, shown on the drawings and to the satisfaction of the Engineer.				
1.1	<u>Internal Doors and Frames:</u>				
1.1.1	Flush Single Leaf Side-Hinged Door Type D01 (98*220cm). Wood Flush Single Leaf/ Side-hinged door. Painted with glazing	Nº	77		
	<i>Unit Rate in Words:</i>				
1.1.2	Flush Single Leaf Side-Hinged Door Type D02 (83*220cm). Wood Flush Single Leaf/ Side-hinged door. Painted with glazing	Nº	59		
	<i>Unit Rate in Words:</i>				
1.1.2	Flush Single Leaf Side-Hinged Door Type D02 (108*220cm). Wood Flush Single Leaf/ Side-hinged door. Painted with glazing	Nº	1		
	<i>Unit Rate in Words:</i>				
2.0	<u>Glazed Doors</u>				
2.1	<u>Glass Doors</u>				
	Supply all material and accessories of glass doors and apply all necessary works for installation where indicated on drawings as specified and to the satisfaction of the engineer				
2.1.1	Type DG01, Glass Single Leaf/ Side-hinged door. (Curtain Wall Door)	Nº	7		
	<i>Unit Rate in Words:</i>				
3.0	<u>Aluminum Doors</u>				
3.1	Aluminum Sandwich Panel Door, Double Leaf Side Hinged (190x229cm) Type D04	Nº	7		
	<i>Unit Rate in Words:</i>				
3.2	Aluminum Sandwich Panel Door, Single Leaf Side Hinged (105x229cm) Type D05	Nº	4		
	<i>Unit Rate in Words:</i>				

Carried to Collection _____



Division 8: Doors and Windows					
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)	Amount (US \$)
4.0	<u>Curtain Walls</u> Supply all material and accessories of glass curtain walls windows and apply all necessary works for installation where indicated on drawings as specified and to the satisfaction of the engineer				
4.1	Type CW01, Fixed curtain wall double glazing (16mm with doors). <i>Unit Rate in Words:</i>	m2	589		
4.2	Type CW01, Fixed curtain wall double glazing (16mm with doors). Around the elevator. <i>Unit Rate in Words:</i>	m2	52		
5.0	<u>Windows</u>				
5.1	WA01- aluminum frame balcony window with opening <i>Unit Rate in Words:</i>	No.	40		
5.1	WA02- aluminum frame fixed panels window <i>Unit Rate in Words:</i>	No.	6		

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Total Carried to General Summary

DIVISION 9: FINISHES



Division 9: Finishes

Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)
1.0	<u>Portland Cement Plaster</u>			
	Prepare surfaces and apply one dash coat (Rasheh) and cement sand plaster to the following surfaces, complete including all necessary wire mesh metal lath, angles and accessories, glass fibers, approved waterproofing admixtures for external plaster and where indicated, and all other related works, all as specified, shown on the drawings and to the satisfaction of the Engineer.			
1.1	<u>Plaster to internal surfaces, (1:4) mix ratio, 20mm thick.</u>			
1.1.1	Plaster to internal walls and columns. <u>Unit Rate in Words:</u>	m ²	5,136	
1.1.2	Plaster to internal ceilings. <u>Unit Rate in Words:</u>	m ²	3,255	
1.2	<u>Plaster to external surfaces with approved waterproofing admixtures, (1:3) mix ratio, 20 mm thick including all necessary scaffolding and protection mesh, accessories and all related works.</u>			
1.2.1	Plaster to external surfaces receiving paint. <u>Unit Rate in Words:</u>	m ²	4,971	
2.0	<u>Ceramic Floor Tiles</u>			
2.1	<u>Ceramic Floor Tiles</u> Install ceramic floor tiles, laid, bedded and jointed in cement sand mortar (1:3) including sand bed, and pointed with white or colored cement mortar with waterproofing admixtures, complete all as specified, shown on the drawings and to the satisfaction of the Engineer.			
2.1.1	40 x 40 x 2 cm non slip grace tiles, white color, otherwise to be approved by owner. <u>Unit Rate in Words:</u>	m ²	220	
2.1.2	60x60 x2 cm non slip grace tiles, light grey color, otherwise to be approved by owner. <u>Unit Rate in Words:</u>	m ²	974	

Carried to Collection _____



Division 9: Finishes				
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)
2.1.3	80x80 x 1.2 cm non slip grage tiles, light grey color, otherwise to be approved by owner. <i>Unit Rate in Words:</i>	m ²	674	
2.1.4	Terrazo tiles. 60x25cm grey color, for balconies <i>Unit Rate in Words:</i>	m ²	180	
2.1.4	Terrazo tiles. 60x25cm grey color, for heavy duty and roof <i>Unit Rate in Words:</i>	m ²	479	
2.2	<u>Ceramic Wall Tiles</u>			
2.2.1	40 x40x1.2 cm ceramic tiles, white color, adhesive on smooth cement/sand plaster <i>Unit Rate in Words:</i>	m ²	198	
3.0	<u>Paints and Coatings</u>			
3.1	Single Coat Render paint for external wall, White color, <i>Unit Rate in Words:</i>	m ²	4,971	
3.2	Single Coat Render paint for external wall, Grey color, <i>Unit Rate in Words:</i>	m ²	1,137	
3.3	Washable Emulsion Single Coat Render paint Interior walls and columns, White color, <i>Unit Rate in Words:</i>	m ²	5,136	
3.4	<u>Ceilings Paint</u> Prepare surfaces and apply <u>one under coat, two coats of putty and two finishing coats</u> of an approved washable emulsion paint to the following surfaces, complete all as specified, shown on the drawings, and to the satisfaction of the Engineer.	m ²	3,255	
5.0	<u>Exterior Cladding</u>			
5.1	Galvanized Steel Louvers <i>Unit Rate in Words:</i>	m ²	512	
5.2	Marble Tiles for exterior cladding <i>Unit Rate in Words:</i>	m ²	420	
5.3	Sliding Wood Louvers for balconies <i>Unit Rate in Words:</i>	m ²	126	
6.0	<u>Stamped Concrete</u>			
	Concrete Finish for Site <i>Unit Rate in Words:</i>	m ²	800	

Carried to Collection _____



Division 9: Finishes				
Item	Description	Unit	Estimated Quantity	Unit Rate (US \$)

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Carried to Collection _____



Collection

<u>Page No</u>	<u>Amount (US \$)</u>
9.1	
9.2	
9.3	
9.4	
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9.8	
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9.10	
9.11	
9.12	
9.13	
9.14	
9.15	
9.16	
Total Carried to General Summary	

General Summary



General Summary

<u>Description</u>	<u>Amount (US \$)</u>
Division 1: General Requirements	
Division 4: Masonry	
Division 5: Metals	
Division 7: Thermal and Moisture Protection	
Division 8: Doors and Windows	
Division 9: Finishes	
	
* Total Amount of the Breakdown of the Lump Sum (BLS)	
* Discount by Tenderer (_____ %)	
	
* Total Amount of BLS after Discount	
* Add Taxes	
	
* Total Amount of BLS after Discount and including Taxes	
	
* Total Amount of BLS after Discount and including Taxes in Words:	
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