

Sky Palaces Real Estate Development LLC

SCHEDULE E

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Schedule of Rates - BOQ



PLOT-18
BILL OF QUANTITIES -
SUMMARY

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BILL 1B - DESIGN FEE (PROVISIONAL SUM)	1B/3	22,922,547.88
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BILL NO. 2B- CONCRETE WORK	2B/52	129,897,878.31
BILL NO. 3 - MASONARY WORK	3/6	11,468,998.95
BILL NO. 4 - STRUCTURAL METAL WORKS	4/8	14,104,692.71
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BILL NO. 16 -PACKAGE 8-LOOSE FURNITURE FITTINGS	16/3	Excluded
BILL NO. 17-BACK OF HOUSE SANITARY WARE	17/5	168,956.05
TOTAL CARRIED TO FORM OF TENDER		668,000,000.00



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS</u> <u>General Requirements</u> <p>Note : These General Requirements are applicable to the whole of the Works. Each Clause, Sub-Clause or Item is to be priced individually and the Tenderer shall not enter any lump sum(s) covering more than one, or all Clauses, Sub-Clauses or Items.</p> <p>Note : Where any Clause, Sub-Clause or Item has not been priced, has been ticked or has been dashed, it shall be deemed that the value of any such clause, Sub-Clause or Item has been included elsewhere within the Bills of Quantities.</p> <p>Note : The Tenderer should note that the Preliminaries section of the Bills of Quantities shall be administered strictly in accordance with the Conditions of the Contract. Any obligations stated herein, which, in the opinion of the Engineer, are not performed, either in full or in part, shall be the subject of an instruction given by the Engineer in accordance Contract.</p> <p><u>Form of Tender (Including Appendices)</u></p> <p>A The Contractor shall describe, list separately and price herein any obligation contained in the Form of Tender (Including Appendices) for which he has not allowed elsewhere and wishes to price separately.</p> <p><u>Instructions to Tenderers</u></p> <p>B The Contractor shall describe, list separately and price herein any obligation contained in the Instructions to Tenderers for which he has not allowed elsewhere and wishes to price separately.</p>				
	To Collection				



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
	<u>(Sample) Form of Agreement</u>				
A	The Contractor shall describe, list separately and price herein any obligation contained in the (Sample) Form of Agreement for which he has not allowed elsewhere and wishes to price separately.	Item	Sum		
	<u>Conditions of Contract</u>				
B	The Contractor shall describe, list separately and price herein any obligation contained in the Conditions of Contract for which he has not allowed elsewhere and wishes to price separately.	Item	Sum		
	<u>Conditions of Particular Application</u>				
C	The Contractor shall describe, list separately and price herein any obligation contained in the Conditions of Particular Application for which he has not allowed elsewhere and wishes to price separately.	Item	Sum		
	<u>Preambles</u>				
D	The Contractor shall describe and list below and price herein any obligation contained in the Preambles for which he has not allowed elsewhere and wishes to price separately.	Item	Sum		
	<u>Design Fees</u>				
E	The Contractor shall price herein the Design fees and any obligation (design related) contained in the documents.	Item	Sum		
	To Collection				



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
	<u>Drawings</u>				
A	The Contractor shall describe and list below and price herein any obligations contained on the drawings for which he has not allowed elsewhere and wishes to price separately.	Item	Sum		
	<u>Specifications</u>				
B	The Contractor shall describe and list hereunder the price herein of any obligation contained in the General Section of the Specifications or elsewhere in the Specifications or in any other document inserted in the Tender Documents for which he has not allowed elsewhere and wishes to price separately. All costs and expenses not entered hereinafter will be deemed to be included in the prices	Item	Sum		
	<u>Performance Bond</u> <i>(Addition Bond & Retention Bond)</i>				
	<u>Insurances</u>	Item	Sum		1,924,711.89
	The Contractor shall allow for all professional indemnities (design related) and insurances in accordance with the requirements of the Contract to be obtained from an approved insurance company.	Item	Sum		
E	Professional Indemnity Insurance	Item	Sum		1,375,445.48
					incl
	To Collection				5,274,190.10



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BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
A	<u>General Requirements (Cont'd)</u> The Contractor shall allow for all costs in connection with providing Workmen's Accident Insurance as described in Contract.	Item	Sum	incl	
B	<u>Access to or Possession or Use of the Site</u> Access to the site will be as specified by the Employer and Employer's Representative. The Contractor shall provide adequate protection of the existing surfaces, kerbs, soft landscaping, etc. The Contractor will be required to comply with all security regulations and requirements in operation at the establishment	Item	Sum	784,670.51	
C	The Contractor shall remain solely responsible for complying with regulations imposed by any statutory authority regarding access to the site including allowing for the cost of such compliance.	Item	Sum		
D	The Contractor shall allow for keeping roads at entry and exit only free from rubbish and builders debris and shall make good at his own expense any damage caused to the existing roads and any other areas, by his Sub-contractor's, his supplier's or his own vehicles and plant.	Item	Sum	104,448.84	
E	<u>Limitation of working Space</u> The Contractor and his Sub-contractor will be restricted to the designated work areas and the Contractor shall be responsible for ensuring that his work people Sub-contractors remain within these designated areas.	Item	Sum		
	To Collection				889,119.35



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BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
A	The Contractor will be held responsible for any nuisance caused by his workmen to grounds surrounding the site and must make good all such damage and settle any claims for compensation at his own any claims for compensation at his own expense. The Contractor shall allow for all costs associated with restricted access to / from the site.	Item	Sum		
B	The Contractor shall be entirely responsible for complying of municipality regulation regarding fencing the site, storage of materials and spoil heaps, unloading of materials, temporary buildings and the like. No claim for delay or costs will be entertained in the event of work being stopped for a breach of regulations.	Item	Sum		
	<u>Restrictions on working hours</u>				51,458.47
C	Contractor shall be permitted to work any hours deemed necessary to complete the works on or before the Time for Completion. Notwithstanding the above the Contractor shall, at all times, ensure that relevant labour laws and regulations are strictly adhered to. The Contractor is requested to consider the effects of his working hours, on surrounding areas, and shall constantly ensure that minimal nuisance is caused.	Item	Sum		
	To Collection				51,458.47



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BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
A	<p>PRELIMINARIES FOR THE WORKS (CONT'D)</p> <p>General Requirements (Cont'd)</p> <p>Existing Services</p> <p>Establish the positions of, divert, protect, uphold and maintain all pipes, ducts, sewers, service mains, overhead cables etc. and other public property with which he may come into contract during the carrying out of the Works and be responsible for the proper make good all or any damage to the satisfaction to the Employer's Representative, Employer and person/authorities concerned. the Contractor shall be responsible for liaison, giving notice, co-ordination and obtain approval as necessary from the relevant authority where temporary or permanent re-routing of existing services is found to be necessary and shall provide attendance in terms of coordination upon any contractor employed to carry out such re-routing. The Contractor is to make good any damage due to any cause within his control at his own expense or pay any costs and charges in connection therewith.</p>	Item	Sum		
	To Collection				564,263.55



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	PRELIMINARIES FOR THE WORKS (CONT'D)				
	<u>General Requirements (Cont'd)</u>				
	<u>The Execution and completion of the Work</u>				
A	The Works shall be completed in the time stipulated in the Contract	Item	Sum		-
B	The Contractor shall submit the Engineer a comprehensive construction programme setting out the schedule for completion of the Works including that of all Sub-contractors	Item	Sum		-
C	The Contractor shall plan and submit the work program incorporating the program for the award of Nominated sub contractors.	Item	Sum		-
D	The Contractor shall submit the Engineer the programme revisions and updates including supporting data in accordance with the Contact	Item	Sum		-
	<u>Contractor's Administrative Arrangement</u>				
	<u>Site administration and supervision</u>				
E	The Contractor shall provide sufficient staff on site to perform administrative duties to comply with the requirements of the Employer and Employer's Representative and carry out all duties as stipulated in the Contract.	Item	Sum	10,428,344.04	
F	The Contractor shall provide all necessary supervision for carrying out the works including an Authorized Agent as referred to in the Conditions of Contract.	Item	Sum	10,626,545.26	
	<u>Security</u>				
G	The Contractor shall allow for protecting the site and works from unauthorized entry. The Contractor shall control the labour force to ensure that they do not cause a nuisance or trespass on to adjacent property.	Item	Sum		incl
	To Collection				21,054,889.29



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	PRELIMINARIES FOR THE WORKS (CONT'D)				
	General Requirements (Cont'd)				
A	The Contractor shall provide all of the necessary watching and lighting by day and by night to protect the works from damage and to protect all public and private traffic on and in the vicinity of the works.	Item	Sum		2,339,590.23
B	The Contractor shall take all necessary precautions to prevent the outbreak of fire and shall provide adequate fire fighting appliances on site at strategic and clearly defined points to the approval of the Engineer. The Contractor shall also take all necessary precautions against fire as required by the relevant authorities and the Insurance company insuring the works. The Contractor shall issue to all members of his production workforce colour coded uniforms and overalls. Identification cards shall also be issued to the workforce.	Item	Sum		581,038.18
	Safety, Health and Welfare of Workpeople				
C	The Contractor and all persons employed by him on the site in or about the execution of the works shall comply in all respects with the provisions of all Acts, Orders, Laws and Regulations concerning the safety, health or welfare of persons working on the site. In particular, adequate and proper precautions must be taken for works involving welding, cutting, grinding and hot surfaces. All site operatives shall be required to wear hard hats and safety shoes / boots at all times.	Item	Sum		4,829,752.55
	To Collection				7,750,380.95



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
A	<u>General Requirements (Cont'd)</u> The Engineer may require the immediate removal from the works of any person who, in the opinion of the Engineer, fails properly to observe the provision of this clause. The provisions of this clause shall be binding upon any Sub-Contractor or Supplier employed by the Contractor. The Contractor shall provide a suitably qualified safety and health officer, on site, at all times.	Item	Sum		
B	The Contractor shall ensure that proper working conditions are maintained at all times, to all areas occupied by himself, his Sub-Contractors and all other Specialist Packages Contractors/suppliers for the duration of the Contract Period.	Item	Sum		
C	<u>First Aid</u> The Contractor shall provide a temporary first aid post properly equipped and manned by a competent person. The facility shall display a large red crescent and prominent lettering "FIRST AID" in English and Arabic, in red, on a white background.	Item	Sum		399,889.82
D	<u>Safety Officer</u> The Contractor shall provide Safety Officer	Item	Sum		Incl
E	<u>Transportation of Labour</u> The Contractor shall provide transportation of labour to and from site and pay all costs in connection therewith. The disembarkation and collection of all labour shall be done from the designated pick-up point.	Item	Sum		572,976.47
	To Collection				972,866.29



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
A	<u>General Requirements (Cont'd)</u> <u>Working with Other Contractors</u> The Contractor is to note that Nominated Sub-Contractors shall be given access to conduct parts of the works at varying intervals and specified in the Tender Documents in order to commence various operations. The Contractor is understood to be aware that he will not have sole use of the site at all times and is understood to have allowed for working with other Contractors as required. The Contractor shall also allow for the protection of any nuisance and / or obstruction to other Contractors engaged in or around the site.	Item	Sum		
B	<u>Construction Plant and Tools</u> The Contractor shall provide all constructional plant, lifting equipment, transport facilities, tools and services, required for the proper execution of the works. The facilities shall include the provision of protective clothing and safety equipment. The Contractor shall be responsible for delivery to the site, via the labour, materials and plant designated access points of all constructional plant required to carry out the Works. This responsibility shall include shipment, customs clearance, off-loading, loading and handling, transportation to site, foundations including required piling, moving tracks and removal of all	Item	Sum		8,496,203.97
	To Collection				16,602,734.17



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
A	<u>General Requirements (Cont'd)</u> A Only modern, properly maintained equipment of the appropriate capacity and suitability for the duty required shall be used for the Works. All lifting equipment shall be kept fully test certified for the duties required and certificates shall be produced to the Engineer on demand. The validity of such certification to be maintained throughout the duration of the works. All cranes with a lifting capacity of one tonne or over are to be fitted with an approved safe load indicator. The Contractor shall immediately replace, at his own cost, all items or equipment that become defective for the required duties and shall ensure that there is a standby item of plant immediately available. <u>Scaffolding</u> B The Contractor shall provide, erect, maintain, dismantle and clear away at completion, proper and adequate internal and external scaffolding for his own use, any Sub-Contractors, Authorities, Artists and Tradesmen. All holes shall be made good to match the adjacent surfaces as the scaffolding is dismantled. The Contractor will be entirely responsible for all safety precautions in connection with scaffolding and for its entire sufficiency for the works.	Item	Sum		
	To Collection				1,430,917.73
					1,430,917.73



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
	<u>Surveying Equipment</u>				
A	The Contractor shall provide and keep on site an adequate supply of surveying instruments for the proper execution of the Works as specified. The instruments shall be in proper adjustment and always kept in perfect working order and they shall be immediately available for use by the Engineer whenever required, together with all necessary assistance. The Contractor shall provide such labour and materials which the Engineer may require to assist him carrying out surveys.	Item	Sum		1,619,949.72
	<u>Testing Equipment</u>				
B	The Contractor shall maintain Thermometers and Hygrometers on site.	Item	Sum		
	<u>Dewatering</u>				
C	The Contractor is responsible for taking over the Dewatering system installed by the enabling works contractor achieve and maintained the specified reduction in ground water levels in accordance with the specifications and local authority requirement	Item	Sum		Excl
D	Maintain of de-watering system	Item	Sum		Excl
E	Allow disconnection and removal of the dewatering system	Item	Sum		Excl
	To Collection				1,619,949.72



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 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u> <u>General Requirements (Cont'd)</u> <u>Employer's Facilities</u> <u>Site Office Facilities for the Engineer, and other Consultants</u> <u>Attendance to the Engineer</u> B The Contractor shall assistance in carrying out measurement and surveys and necessary material required by the Engineer. C The Contractor shall provide all the time duration of the Works, from commencement to date of final completion, proper means of access including ladders, scaffolding and the like, and necessary attendance to move and adapt as directed by the Engineer	Item	Sum		1,029,567.08
	To Collection				1,728,873.28



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BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
A	<u>General Requirements (Cont'd)</u> The Contractor may be requested by the Engineer to relocate the position of the site buildings at any time, all costs of which will be borne by the Contractor. <u>Records</u> B During the progress of the works, the Contractor shall keep, at his own cost, records of all details and dimensions of the works as constructed and shall at any time submit such records to the Engineer as he may require. In addition to those records which are specifically required by the Specification to be kept (e.g. test cubes of concrete, air temperatures, etc.,) a record shall be kept of the completion dates of the various works in each trade, with particular reference to works which require time for drying out, such as solid backgrounds which receive in-situ screeds and finishings, including the completion times of the individual layers of such application. These records shall be provided at a minimum of fortnightly intervals. <u>Weekly Reports</u> C The Contractor will prepare weekly progress reports to be issued in advance of weekly progress meetings <u>Cash Flow Chart</u> D The contractor shall provide the Employer's Representatives / Employer with the detailed cash flow for the whole works including sub-contractors after award of the contract in accordance with the Contract. The cash flow shall be updated and submit to the Employer's Representative / Employer weekly to reflect actual progress on Site	Item	Sum		Excl
	To Collection				



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	PRELIMINARIES FOR THE WORKS (CONT'D)				
A	<u>General Requirements (Cont'd)</u> <u>Site Meetings and Progress Reports</u> A The Contractor shall hold site meetings at intervals defined by the Engineer. The Contractor shall submit at these meetings a full and detailed report of progress, information requirements, delivery schedules and drawings approvals, or other such items required by or from the Engineer. The Contractor shall constantly monitor the progress of design work and working drawings of all sub-contractors and suppliers. The Contractor shall make visits as deemed necessary to the yards and workplaces of Sub-Contractors and Suppliers to inspect quality, progress and delivery in relation to the detailed design programme and report regularly to the Engineer. <u>Progress Photographs</u> B The Contractor shall provide the Engineer with photographs in digital format showing works in progress on the site on a weekly basis. Photographs are to be issued in both hard and soft format <u>Signboards/ Site Signs</u> C The Contractor shall repair/upgrade (if required) the existing sign board and include the main contract details, and adapt display boards as necessary from time to time maintain and ultimately remove	Item	Sum		
	To Collection				102,916.94
					102,916.94



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BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
	<u>CONTRACTOR'S FACILITIES</u>				
	<u>Accommodation and Buildings</u>				
B	Maintenance including alter, move and adapt from time to time as necessary removal and make good	Item	Sum		2,388,894.05
C	The Contractor will not be permitted to erect temporary living accommodation on or adjacent to the site	Item	Sum		
	<u>Temporary Screens, Roofs, Guardrails and The Like</u>				
D	The Contractor shall be responsible for providing all footways, guard rails, fencing, gantries, watching, lighting, barricading and the like necessary for the protection, proper execution and security of the Works, workmen, visitors and other person/persons and for meeting the requirements of the Local Statutory Authorities and the Employer / Employer's Representative.	Item	Sum		
	To Collection				5,208,301.34



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BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
	<u>Site Hoarding</u>				
A	The Contractor shall repair/upgrade the existing site hoarding(if required), and maintain and ultimately remove	Item	Sum		Incl
	<u>Temporary Roads</u>				
B	The Contractor shall be responsible for providing all necessary temporary roads, access ramps and hard standings for the proper execution of the Works all in accordance with the Local Statutory Authorities and the Employer's / Employer's Representative's requirements	Item	Sum		
	<u>Electrical Power and Lighting</u>				
C	The Contractor shall be required to provide temporary power and lighting. No known services exist on this site. All temporary supplies, connections including meters will be borne directly by The Contractor. Upon completion, The Contractor shall clear away this temporary work and make good all surrounding surfaces disturbed.	Item	Sum		5,549,749.30
	To Collection				5,549,749.30



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BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
A	The Contractor is to give all requisite notices, arrange for the necessary connections and installation of meters, pay all fees and charges in connection therewith and all charges for current used. The method of distribution of electric supplies around the site, the type of equipment used, safety measures, reduced voltage requirements, planning and programming shall conform with the requirements of the local Authority. Any interruption of electrical supply is at the Contractors risk and it is his responsibility to effect all temporary supplies necessary.	Item	Sum		
	<u>Sewerage and Water</u>				
B	The Contractor shall be required to provide temporary Sewerage and Water facilities. No known services exist on this site. The Contractor shall be responsible for all connections including meters and will be billed directly for all consumption. The Contractor shall clear away this temporary work on completion and shall make good all surrounding surfaces disturbed. The Contractor will be responsible for supplying and maintaining equipment including any necessary pumps, storage tanks, distribution pipe work, etc., required for the execution of the works. The Contractor is to give all requisite notices, arrange for the connections and installation of meters, pay all fees and charges in connection therewith and all charges for water used. Any interruption of the sewer system and water supply is at the Contractor's risk and it is his responsibility to effect all temporary supplies necessary.	Item	Sum		1,646,501.61
	To Collection				1,646,501.61



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (Continued)</u>				
A	<u>General Requirements (Continued)</u> <u>Temporary Telephones internet</u> The Contractor is to provide telephone and internet facilities on separate outside lines for his own use and for the use of Engineer, Employer and Sub-Contractors. He is to allow in his Tender for the costs of installation, hire and removal and for all bills and charges. <u>Other Temporary Services and Utilities Costs</u>	Item	Sum		1,450,323.66
B	The Contractor shall allow for all connection, re-connection, relocation and diversion of all other temporary services and utilities required for the works, including the works of all Sub-contractors and his own use including obtaining permission from the necessary Local Authorities				
C	<u>Testing of Materials</u> The Contractor shall allow for all costs associated with the testing of materials as required in the Specification	Item	Sum		
D	<u>Testing of The Works</u> The Contractor shall allow for all final testing of completed installations that may be required by the Employer's Representative / Employer or any relevant Authority including all associated costs.	Item	Sum		
E	Commissioning the work as specified including providing assistance to others.	Item	Sum		
F	<u>Protecting the Works</u> The Contractor shall allow for all costs for protecting the Works from inclement weather or any form of damage for the whole duration of the Works	Item	Sum		
	To Collection				1,450,323.66



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	PRELIMINARIES FOR THE WORKS (CONT'D)				
	<u>General Requirements (Cont'd)</u>				
	<u>Removing Rubbish and Cleaning the Works</u>				
A	The Contractor shall provide constantly available labour, transport and materials to maintain the cleanliness and tidiness of the site during and at completion of the contract, all as directed by the Employer's Representative and Employer.	Item	Sum		421,542.64
	<u>Removing Rubbish and Cleaning the Works (Cont'd)</u>				
B	The Contractor shall be responsible for clearing the site and work areas completely of all his temporary installations on completion of the works, and shall be required to rake or grade the areas he has occupied to remove all traces of his occupation, and to leave the site as close to its original condition as possible.	Item	Sum		708,583.14
	<u>Traffic Regulations</u>				
C	The Contractor shall comply with all traffic regulations including those regarding the loading and unloading of or waiting by vehicles on the public road and shall liaise with the police and other authorities	Item	Sum		
D	The Contractor shall ensure that all vehicles travelling to and from the site take special care in the vicinity of the site to avoid any danger to persons or property.	Item	Sum		
	To Collection				1,130,125.78



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
A	<u>General Requirements (Cont'd)</u> <u>Maintenance of Public and Private Roads/Services</u> The public highways from which access to the site is gained must be kept clear and free from spoil, dirt, rubbish and disturbance. The Contractor must also ensure that the surfaces where damage occurs are to be maintained or repaired to the satisfaction of the Employer and Employer's Representative at the Contractor's expense.	Item	Sum		
B	<u>Control of Noise and Pollution</u> Allow for implementing adequate control of noise and pollution, and for complying with all Statutory and Green Building requirements in this connection.	Item	Sum		
C	<u>Provision of all necessary approval and permits and complying with all Statutory and Green Building Requirement</u> <u>All Statutory Obligations</u> The Tenderer's attention is drawn to Laws of the United Arab Emirates, and in particular the Laws governing employment.	Item	Sum		
D	 The Contractor shall notify, making arrangement and liaising with all relevant local authorities or other interested parties to obtain all licenses, permits and certification necessary for the execution of the Works and complying the statutory / governing law and legislation, and costs in connection therewith	Item	Sum		
	To Collection				



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	PRELIMINARIES FOR THE WORKS (CONT'D)				
	<u>General Requirements (Cont'd)</u>				
	<u>All Statutory Obligations (Cont'd)</u>				
A	Allow for attendance on the works carried out by the statutory authorities to obtain required permits and for the completion of their work in a timely manner and as instructed by the Employer's Representative	Item	Sum		
	<u>Guarantees and Warranties</u>				
B	The Contractor shall provide all guarantees and warranties under this contract and hand over to the Employer's Representative and Employer on completion	Item	Sum		
	<u>Employer's, Employer's Representative's Overtime</u>				
C	The Main Contractor to allow for all costs associated with the payment of Employer, Employer's Representative's and Employer's and Employer's Representative's overtime in accordance with the Conditions of Contract and as stipulated in the Preambles.	Item	Sum		
	<u>Site Survey and Setting Out</u>				
D	The Contractor shall appoint qualified registered third party approved by the Employer's Representative for all inspection, setting-out, surveying works and leveling of all existing and new structures and or element and or level and shall allow for all associated cost. The Contractor shall be responsible for the correctness of all level and setting out	Item	Sum		
	To Collection				



PLOT-18
 BILL OF QUANTITIES - MAIN CONTRACT
 BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
	<u>Drawings and Manuals</u>				
A	Allow for all necessary O & M Manuals detailed design drawings including but not limited to shop drawing and as built drawings, calculations and supporting documentation in connection with the proposed Bored Piling, Shoring & dewatering as may be necessary to gain approval from all the relevant Government Authorities and Departments having jurisdiction and Employer's Representative in connection with the works, and liaise and co-ordinate with the said Government Authorities and Departments and Employer's Representative to obtain such approvals, and accept full responsibility and design liability for the same providing a design warranty from the Date of Completion as stated in the Taking Over Certificate issued under the Contract.	Item	Sum		
B	Allow for undertaking and implementing the required Contract procedures and documentation during the execution of the works to include, but not limited to required correspondence, reports, design details, working / shop drawings, as built drawings, progress records and any other documentation as may be required by the Employer's Representative and Employer	Item	Sum		
	<u>Sample Materials, Mock-up</u>				
C	The Main Contractor shall allow cost for the provision of mock-ups and sample materials as required	Item	Sum		
	<u>Additional Requirement</u>				
D	The Contractor shall appoint the approved registered Sub-contractor for all the works as required by Statutory Authorities	Item	Sum		
	To Collection				



PLOT-18

BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>General Requirements (Cont'd)</u>				
	<u>Materials Spares</u>				
A	The Contractor shall, upon completion of the works, provide to a location designated by the Engineer those spare materials as designated in the Specification.	Item	Sum		-
	<u>Additional Items</u>				
	<u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	Value Engineering Item Discount in reduction of programme from 30 months to 28 months resulting from VE design				-2,708,287.04
	Value Engineering Item Puttenalisation of Employer's Facilities including Provide clerk in law of Engineer Employer's consultants to provide own phones and expenses including running costs				-230,159.00
	To Collection				-3,028,186.04



PLOT-18

BILL OF QUANTITIES - MAIN CONTRACT

BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)

Item	Description	Qty.	Unit	Rate	Amount
	<u>PRELIMINARIES FOR THE WORKS (CONT'D)</u>				
	<u>COLLECTION</u>				
	Page 1/1				
	Page 1/2				
	Page 1/3			5,274,190.10	
	Page 1/4			889,119.35	
	Page 1/5			51,458.47	
	Page 1/6			564,263.55	
	Page 1/7			21,054,889.29	
	Page 1/8			7,750,380.95	
	Page 1/9			972,866.29	
	Page 1/10			16,602,734.17	
	Page 1/11			1,430,917.73	
	Page 1/12			1,619,949.72	
	Page 1/13			1,728,873.28	
	Page 1/14				
	Page 1/15			102,916.94	
	Page 1/16			5,208,301.34	
					63,250,861.18
	BILL NO.: 1 PRELIMINARIES	C/FWD	DHS.		



PLOT-18
BILL OF QUANTITIES - MAIN CONTRACT
BILL 1 - GENERAL REQUIREMENTS (PRELIMINARIES)



PLOT-18
BILL OF QUANTITIES
BILL 1B - DESIGN FEE

Item	Description	Design Balance Fee	Supervision Fee	Total Balance Outstanding /Estimated
	<u>DESIGN</u>			
	<u>Design Consultants (Taking over from the Client)</u>			
	<u>MAJOR CONSULTANTS</u>			
A	Local Architect - BSBG	3,155,207	8,702,432	11,857,639
B	Structural Consultant - BG&E	1,015,000	1,757,250	2,772,250
C	MEP Consultant - CSA	175,000	2,424,740	2,599,740
D	Landscaping - Cracknell	547,500	600,000	1,147,500
	<u>MINOR CONSULTANTS</u>			
E	Fire & Life Safety - Design Confidence	42,000	-	42,000
F	Lighting design - Lighttouch	446,250	108,750	555,000
G	Façade/BMU - Meinhardt	243,254	361,867	605,121
H	Green Building - Meinhardt	83,250	27,000	110,250
J	ELV - Mediatech	247,350	145,000	392,350
K	Acoustics - Design Confidence	49,520	-	49,520
L	Signage & Wayfinding - Brimax	235,000	-	235,000
M	Kitchen & BOH - Fondué	116,000	144,000	260,000
	Value Engineering Design fees incorporation	1,500,000	-	1,500,000
	MC OH and Profit			796,177.88
	To Collection			



22,922,548

PLOT-18
 BILL OF QUANTITIES
 BILL 1B - DESIGN FEE

Item	Description	Design Balance Fee	Supervision Fee	Total Balance Outstanding /Estimated
	<u>DESIGN (CONT'D)</u> <u>Additional Items</u> <u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>			
	To Collection			



PLOT-18
 BILL OF QUANTITIES
 BILL 1B - DESIGN FEE

Item	Description	Design Balance Fee	Supervision Fee	Total Balance Outstanding /Estimated
	<u>DESIGN (CONT'D)</u> <u>COLLECTION</u> Page 1/1 Page 1/2			22,922,548

BILL NO. 1B
 DESIGN
 CARRIED TO MAIN SUMMARY



DHS.

22,922,548



PLOT-18
BILL OF QUANTITIES
BILL NO. 2A - SITWORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	SITEWORK				
	Excavation				
	<u>Excavation to receive foundation commencing from existing excavation level including back filling and removing surplus material to a tip off site</u>				
A	<u>Excavation for the sump</u>	1,692	m3		Not required as per TC05
B	<u>Excavation for the Pile caps</u>	9,480	m3		Not required as per TC05
C	<u>Excavation for the raft edge beam</u>	2,515	m3		Not required as per TC05
	<u>Leveling, consolidation and compacting the formation level to receive pile caps, ground beams and blinding and the like including but not limited to treating the surface, grading to falls, grading to cambers and removing loose top soil all accordance with drawings and specification.</u>				
D	Leveling and compacting	13335	m2	11.00	146,685.00
E	Backfill with excavated soil	10,300	M3	22.30	229,690.00
F	Disposal	10,952	M3		Not required as per TC05
	Sundries				
G	<u>Pile Final Chipping</u> <u>1000mm dia. Pile</u>	391	Nr.	133.00	52,003.00
H	1200mm dia. Piles	275	Nr.	155.00	42,625.00
J	Removal and Disposal of material of existing Ramps	15,270	M3	44.10	673,407.00
K	Disposal of Concrete waste from Pile Chipping	10	Trips	829.00	8,290.00
	Anti-termite treatment				
L	Allow for anti termite treatment for foundation, slab, paving and perimeter area around buildings as described in specification and guaranteed against termite infestation for ten years.	24,665	m2	2.21	54,509.65
D	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.				-10,924.00
E	Attendances		Item		
	To Collection Dhs.				1,196,285.65



**PLOT-18
BILL OF QUANTITIES
BILL NO. 2A - SITWORKS**



To Collection Dhs.

1,500 000.00



PLOT-18
 BILL OF QUANTITIES
 BILL NO. 2A - SITEWORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>SITEWORK (CONT'D)</u> <u>Additional Items</u> <u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	To Collection Dhs.				



PLOT-18
BILL OF QUANTITIES
BILL NO. 2A - SITEWORKS

BILL NO. 2A
SITE WORKS
CARRIED TO MAIN SUMMARY



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - CONCRETE - SUBSTRUCTURE <u>Plain poured in-situ concrete using sulphate resistant cement described in specification and drawings. 25 N/mm²</u>				
A	Blinding, 50 mm thick. <u>Reinforced cement concrete of grade 50-90N/mm² using original portland cement (OPC) all in accordance with the specification and as shown on the drawings.</u> <u>Sub-structure Raft</u>	699.28	m3	374	261,530.72
B	In raft slab, 600mm thick.-C50	7,904.93	m3	378	2,988,063.54
C	In raft edge beam - C50	2,075.95	m3	378	784,709.10
D	In pile cap- C50	6,411.00	m3	378	2,423,358.00
E	In sump base slab, 600mm thick. - C50	283.76	m3	405	114,922.80
F	In sump cover slab, 300mm thick. -C50	141.88	m3	405	57,461.40
	<u>Sub-structure Others</u>				
G	Ramp slab, 300mm thick -C50	507.04	m3	405	205,351.20
H	Circular ramp slab, 350mm thick-C50	179.45	m3	405	72,677.25
J	Ramp wall (300mm thick)-C60	170.84	m3	415	70,898.60
K	Circular ramp wall 300mm thick-C60	276.73	m3	415	114,842.95
L	Columns	1,499.06	m3	425	637,102.03
	<u>Walls</u>				
M	In shear wall 250 thck-C60	10.05	m3	427	4,291.35
N	In shear wall 300 thck-C60	359.77	m3	427	153,621.79
P	In shear wall 400 thck-C60	62.51	m3	427	26,691.77
Q	In shear wall 500 thck-C60	31.28	m3	427	13,356.56
R	In shear wall 300 thck-C90	16.07	m3	536	8,613.52
S	In shear wall 400 thck-C90	326.86	m3	536	175,196.96
	To Collection Dhs.				
					8,112,689.54



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - CONCRETE - SUBSTRUCTURE (Cont'd)</u>				
	Reinforced cement concrete of grade 50-90N/mm ² using original portland cement (OPC) all in accordance with the specification and as shown on the drawings.				
	<u>Walls (Cont)</u>				
A	In shear wall 500 thck-C90	689.36	m3	536	369,496.96
B	In shear wall 600 thck-C90	114.36	m3	536	61,296.96
	<u>In Retaining wall</u>				
C	B2-B1 - C50	1,128.10	m3	419	472,673.90
D	B1-GF- C50	1,622.80	m3	419	679,953.20
E	GF to above- C50	265.46	m3	419	111,227.74
F	In sump wall, 400mm thick.	137.28	m3	525	72,072.00
	<u>Slabs</u>				
G	In suspended slab, 800mm thick- C50	82.00	m3	405	33,210.00
H	Ditto, in 450mm thick- C50	85.28	m3	405	34,538.40
J	Ditto, in 400mm thick-C50	1,253.00	m3	405	507,465.00
K	Ditto, in 350mm thick-C50	4,523.68	m3	405	1,832,090.40
L	Ditto, in 300mm thick-C50	2,044.08	m3	405	827,852.40
M	Ditto, in 200mm thick-C50	67.47	m3	405	27,325.35
N	In Beams-C50	791.93	m3	433	342,905.69
P	In link beam-C50	21.87	m3	433	9,469.71
Q	In Stair case and landing slab -C50	105.60	m3	465	49,104.00
	To Collection Dhs.				
					5430,681.71



**PLOT-18
BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK**

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - CONCRETE - SUBSTRUCTURE (Cont'd) Reinforced cement concrete of grade 50-90N/mm² using original portland cement (OPC) all in accordance with the specification and as shown on the drawings.				
	Water Tank				
A	In water tank wall, -300mm thick - Grade 60	196.65	m3	415	81,609.75
B	In water tank wall, -500mm thick - Grade 60	30.92	m3	415	12,831.80
C	In water tank wall, -600mm thick - Grade 60	17.94	m3	415	7,445.10
D	In water tank wall, 600mm thick - Grade 90	166.24	m3	525	87,276.00
	Slab				
E	In Grade slab, 250mm thick-C50	22.43	m3	378	8,478.54
F	In suspended slab, 250mm thick (Hatched area - Allowance for additional slab to maintain Architectural features + Landscape)-C50	654.36	m3	405	265,015.80
G	In 350mm thick Slab on grade, Section 28, Drg. No. S 534 - Ground floor-C50	2.95	m3	378	1,115.10
H	In 450mm thick Slab on grade, Section 26, Drg. No. S 534 - Ground floor-C50	7.95	m3	378	3,005.10
J	In 500mm thick Slab on grade, Section 24, Drg. No. S 534 - Ground floor-C50	9.48	m3	378	3,583.44
K	Foundation as per Section 27, Drg. No. S 534-C50	15.33	m3	378	5,793.68
L	Drop panel / column head-C50	2.76	m3	421	1,161.96
M	300mm thick Attic Slab (C50)	92.50	m3	431	39,867.50



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - CONCRETE - PODIUM				
	Reinforced cement concrete of grade C50-90Nmm ² using original Portland Cement (OPC) all in accordance specifications and as shown on the drawings.				
	<u>Slabs</u>				
A	In 375mm thick Slab-C50	548.90	m3	404	221,755.60
B	In 350mm thick Slab-C50	736.35	m3	404	297,485.40
C	In 300mm thick Slab-C50	566.00	m3	404	228,664.00
D	In 250mm thick Slab-C50		m3	404	-
E	In 200mm thick Slab-C50	164.00	m3	404	66,256.00
F	In antic slab-C50	93.00	m2	404	37,572.00
G	Slab Hatched area - Allowance for additional slab to maintain Architectural features + Landscape-C50	49.23	m3	406	19,987.38
	<u>Beams</u>				
H	In beams-C50	424.00	m3	420	178,080.00
J	In link beam-C50	183.00	m3	420	76,860.00
	<u>Stairs</u>				
K	In stair case and landing slab-C50	199.00	m3	464	92,336.00
	<u>Shear walls</u>				
L	In shear walls -250thck- C60	7.50	m3	427	3,202.50
M	In shear walls -300thck-C60	40.44	m3	427	17,267.88
N	In shear walls -400thck-C60	93.15	m3	427	39,775.05
P	In shear walls -500thck-C60	93.15	m3	427	39,775.05
Q	In shear walls -300thck-C90	36.39	m3	536	19,505.04
R	In shear walls -400thck-C90	863.48	m3	536	462,825.28
	To Collection Dhs.				1,801,347.18



PLOT-18

**BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK**

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - CONCRETE - PODIUM (Cont'd)				
	<u>Shear walls</u>				
A	In shear walls -500thck-C90	1,737.24	m3	536	931160.64
B	In shear walls -600thck-C90	291.60	m3	536	156297.6
	<u>Columns</u>				
C	In Columns	1,697.00	M3	415	704,255.00
	<u>Parapets and up stands</u>				
D	In parapets and up stands-250mm thck-C50	59.00	m3	431	25,429.00
E	In parapets and up stands--300mm thck-C50	28.00	m3	431	12,068.00
F	In parapets and up stands-350mm thck-C50	9.00	m3	431	3,879.00
G	In parapets and up stands-400mm thck-C50	2.00	m3	431	862.00
H	In parapets and up stands-450mm thck-C50	3.00	m3	431	1,293.00
J	In parapets and up stands-500mm thck-C50	137.00	m3	431	59,047.00
	<u>Drop panel</u>				
K	Drop panel	2.00	m3	420	840.00
	<u>Slab edge thickening</u>				
L	Size - 450 x 450	54.00	m3	392	21,168.00
M	Size - 450 x 2400	75.00	m3	392	29,400.00
	<u>Post tension</u>				
	<u>Post tension poured in-situ concrete having 28days minimum compressive strength 50 N/mm² in accordance with the specification and drawings.</u>				
N	In Post tension slab 250mm thick-C50	249.50	m3	404	100,798.00
P	In Post tension slab 275mm thick-C50	94.60	m3	404	38,218.40
Q	In Post tension slab 285mm thick-C50	2,131.50	m3	404	861,126.00
R	In Post tension slab 350mm thick-C50	353.50	m3	404	142,814.00
	To Collection Dhs.				3,088,655.64



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - CONCRETE - PODIUM (Cont'd)</u>				
	<u>Post tension (Cont'd)</u>				
A	In Post tension slab 400mm thick-C50	207.20	m3	404	83,708.80
B	In Post tension slab 450mm thick-C50	157.50	m3	404	63,630.00
C	In post tension slab 225mm thick	5.87	m3	404	2,371.48
D	In Post tension beams	468.00	m3	420	196,560.00
	<u>Slab edge thickening</u>				
E	Size - 450 x 1800mm-C50	20.00	m3	404	8,080.00
F	Size - 450 x 2500mm-C50	15.00	m3	404	6,060.00
G	In 350mm thick Slab on grade, Section 1, Drg. No. S 631 - 1st floor	38.99	m3	404	15,751.96
H	In 450mm thick Slab on grade, Section 5, Drg. No. S 631 - 1st floor	2.38	m3	404	961.52
	To Collection Dhs.				377,123.76



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - CONCRETE - RESIDENCE</u>				
	Reinforced cement concrete of grade 50-90N/mm ² using Original Portland Cement (OPC) all in accordance with the specifications and as shown on the drawings				
	<u>SLABS</u>				
A	In 300mm thick Slab-C50	32.00	m ³	404	12,928.00
B	In 250mm thick Slab-C50	36.00	m ³	404	14,544.00
C	In 200mm thick Slab-C50	407.00	m ³	404	164,428.00
	<u>Beams</u>				
D	In beams-C50	371.00	m ³	420	155,820.00
E	In link beam-C50	414.00	m ³	420	173,880.00
	<u>Stairs</u>				
F	In stair case and landing slab-C50	373.00	m ³	464	173,072.00
	<u>Shear Walls</u>				
G	In shear walls -400thck - C60	436.00	m ³	427	186,172.00
H	In shear walls -500thck - C60	1,413.00	m ³	427	603,351.00
J	In shear walls -400thck - C70	1,084.00	m ³	478	518,152.00
K	In shear walls -500thck - C70	2,399.00	m ³	478	1,146,722.00
L	In shear walls -550thck - C70	6.00	m ³	478	2,868.00
M	In shear walls -400thck - C90	196.00	m ³	536	105,056.00
N	In shear walls -500thck - C90	433.00	m ³	536	232,088.00
P	Planted wall 200 mm thck - C50	4.00	m ³	431	1,724.00
	<u>Columns</u>				
Q	In Columns - C50	1,530.00	m ³	415	634,950.00
	To Collection Dhs.				4,125,755.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - CONCRETE - RESIDENCE</u> <u>(Cont'd)</u>				
A	<u>Parapets and up stands</u> In parapets and up stands-250mm thick	9.00	m3	431	3,879.00
B	In parapets and up stands-500mm thick	12.00	m3	431	5,172.00
C	In parapets and up stands-750mm thick	1.00	m3	431	431.00
D	Drop panel	91.00	m3	420	38,220.00
E	<u>Walls</u> Blade wall 500thck- Grade C70	850.00	m3	478	406,300.00
F	Blade wall-500 thck - Grade C90	284.00	m3	536	152,224.00
G	Outrigger wall-700 mm-C90	20.00	m3	536	10,720.00
H	Outrigger wall-800mm -C90	41.00	m3	536	21,976.00
J	Outrigger wall-1000 mm-C90	21.00	m3	536	11,256.00
K	<u>Post tension</u> Post tension poured in-situ concrete having 28days minimum compressive strength 50N/mm ² in accordance with the specifications and drawings	860.81	m3	404	347,767.24
L	In Post tension slab 185mm thick	384.93	m3	404	155,511.72
M	In Post tension slab 235mm thick	5,246.45	m3	404	2,119,565.80
N	In Post tension slab 275mm thick	45.03	m3	404	18,192.12
P	In Post tension slab 325mm thick	1,965.93	m3	404	794,233.70
Q	In Post tension slab 350mm thick	176.05	m3	404	71,124.20
R	In Post tension slab 375mm thick	642.75	m3	404	259,671.00
S	In Post tension beams	118.00	m3	420	49,560.00
T	<u>Concrete Placing Boom</u> Rental of concrete placing booms - 23mts, 4nos	1.00	Item		354,150.00
	To Collection Dhs.				4,819,953.78



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - CONCRETE - HOTEL</u> <u>Reinforced cement concrete of grade 50-90N/mm2 using Original Portland Cement (OPC) all in accordance with the specifications and as shown on the drawings</u>				
	<u>SLABS</u>				
A	In 350mm thick Slab-C50	50.00	m3	404	20,200.00
B	In 300mm thick Slab-C50	527.00	m3	404	212,908.00
C	In 200mm thick Slab-C50	457.00	m3	404	184,628.00
	<u>Beams</u>				
D	In beams-C50	409.00	m3	420	171,780.00
E	In link beam-C50	444.00	m3	420	186,480.00
	<u>Stairs</u>				
F	In stair case and landing slab-C50	251.00	m3	464	116,464.00
	<u>In shear walls -</u>				
G	In shear walls -300thck-C60	35.00	m3	427	14,945.00
H	In shear walls -400thck-C60	447.00	m3	427	190,869.00
J	In shear walls -500thck-C60	854.00	m3	427	364,658.00
K	In shear walls -250thck-C70	13.00	m3	478	6,214.00
L	In shear walls -300thck-C70	80.00	m3	478	38,240.00
M	In shear walls -400thck-C70	999.00	m3	478	477,522.00
N	In shear walls -500thck-C70	2,087.00	m3	478	997,586.00
P	In shear walls -300thck-C90	10.00	m3	536	5,360.00
Q	In shear walls -400thck-C90	117.00	m3	536	62,712.00
R	In shear walls -500thck-C90	268.00	m3	536	143,648.00
	To Collection Dhs				
					3,194,214.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - CONCRETE - HOTEL (Cont'd) <u>Reinforced cement concrete of grade 50-90N/mm² using Original Portland Cement (OPC) all in accordance with the specifications and as shown on the drawings</u>				
	<u>Columns</u>				
A	In Columns-C50	2,122.00	m3	415	880,630.00
	<u>In parapets and up stands</u>				
B	In parapets and up stands-250mm thck-C50	111.00	m3	431	47,841.00
C	In parapets and up stands--300mm thck-C50	51.00	m3	431	21,981.00
D	In parapets and up stands-500mm thck-C50	5.00	m3	431	2,155.00
	<u>Water tank</u>				
E	300mm thick-C90	48.00	m3	536	25,728.00
F	500mm thick-C90	32.00	m3	536	17,152.00
G	700mm thick-C90	24.00	m3	536	12,864.00
H	750mm thick-C90	16.00	m3	536	8,576.00
J	Drop panel	84.00	m3	420	35,280.00
	<u>Post tension</u>				
	<u>Post tension poured in-situ concrete having 28days minimum compressive strength 50N/mm² in accordance with the specifications and drawings</u>				
K	In Post tension slab 185mm thick	780.33	m3	404	315,253.32
L	In Post tension slab 200mm thick	59.40	m3	404	23,997.60
M	In Post tension slab 235mm thick	36.66	m3	404	14,810.64
N	In Post tension slab 275mm thick	5,382.30	m3	404	2,174,449.20
	To Collection Dhs.				3,580,717.76



PLOT-18

**BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK**

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - CONCRETE - HOTEL (Cont'd)				
	Reinforced cement concrete of grade 50-90N/mm ² using Original Portland Cement (OPC) all in accordance with the specifications and as shown on the drawings				
	<u>Post tension</u>				
A	In Post tension slab 325mm thick	154.70	m3	404	62,498.80
B	In Post tension slab 350mm thick	360.15	m3	404	145,500.60
C	In Post tension slab 375mm thick	572.63	m3	404	231,340.50
D	In Post tension slab 400mm thick	917.20	m3	404	370,548.80
E	In Post tension beams	72.00	m3	420	30,240.00
	<u>Walls</u>				
F	Blade wall 500thck-C70	676.00	m3	478	323,128.00
G	Blade wall-500 thck -C90	31.00	m3	536	16,616.00
H	Outrigger wall-500 mm-C60	63.00	m3	427	26,901.00
	Reinforced poured in-situ concrete as described in the specification including all steel reinforcement and formwork. grade 50-80N/mm ² as specified				
J	In 710mm thick Slab-C50	32.00	m3	404	12,928.00
K	In 800mm thick Slab-C50	161.00	m3	404	65,044.00
	<u>Concrete Placing Boom</u>				
L	Rental of concrete placing booms - 23mts, 4nos	1.00	Item		354,150.00
	To Collection Dhs.				1,638,895.70



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

	Description	Qty.	Unit	Rate	Amount (Dhs.)
83:335:3	CONCRETE WORK - CONCRETE (Cont'd) <u>Additional Items</u> The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.				
A	<u>Qty change a sper revised drawings</u>				
A	In shear walls	(20.30)	m3	537	-10,901.10
B	Drop panel	12.61	m3	418	5,271.40
C	In Columns	21.80	m3	418	9,112.40
D	<u>VALUE ENGINEERING</u>				
D	Item 1:- Ballroom Composite Columns	1.00	Item	102,264	102,264.00
E	Item 2:- Reductions in Typical SSL to SSL Heights	1.00	Item	-528,835	-528,835.00
F	Item 3:- Penthouse Floor to Floor Heights	1.00	Item	-158,719	-158,719.00
G	Item 4:- Level 30 Penthouse: Reduce Level 30 SSL to roof SSL height to 2 x 4.6m	1.00	Item	-100,807	-100,807.00
H	Item 5:-Hotel Balconies: Delete all Hotel balconies on the East elevation (road side) of the building	1.00	Item	-165,440	-165,440.00
J	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		
K	Attendances		Item		-307,579.42
	To Collection Dhs.				-1,155,633.72



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - CONCRETE (Cont'd)</u>				
	<u>COLLECTION</u>				
	Page No. 2/1				8,112,689.54
	Page No. 2/2				5,430,681.71
	Page No. 2/3				517,183.77
	Page No. 2/4				1,801,347.18
	Page No. 2/5				3,088,655.64
	Page No. 2/6				377,123.76
	Page No. 2/7				4,125,755.00
	Page No. 2/8				4,819,953.78
	Page No. 2/9				3,194,214.00
	Page No. 2/10				3,580,717.76
	Page No. 2/11				1,638,895.70
	Page No. 2/12				-1,155,633.72
					35,531,584.12

BILL NO. 2B
 CONCRETE WORKS - CONCRETE
 CARRIED TO COLLECTION



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - REINFORCEMENT - SUBSTRUCTURE</u>				
	Reinforced Steel High tensile deformed bars confirming to the BS and local authorities, complete as per drawings and specifications-(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.)				
	<u>Sub-structure Raft</u>				
A	In raft slab, 600mm thick.-C50	1,154.71	t	3,593	4,148,867.08
B	In raft edge beam - C50	299.46	t	3,593	1,075,963.10
C	In pile cap- C50	925.36	t	3,593	3,324,808.90
D	In sump base slab, 600mm thick. - C50	41.11	t	3,684	151,452.80
E	In sump cover slab, 300mm thick. -C50	28.09	t	3,684	103,488.95
	<u>Sub-structure Others</u>				
F	Ramp slab, 300mm thick -C50	52.73	t	3,684	194,244.22
G	Circular ramp slab, 350mm thick-C50	23.49	t	3,684	86,544.45
H	Ramp wall (300mm thick)-C60	52.50	t	3,796	199,307.37
J	Circular ramp wall 300mm thick-C60	37.67	t	3,796	143,009.43
	<u>Columns</u>				
K	Columns- C60	360.80	t	3,796	1,369,611.38
	<u>Walls</u>				
L	In shear wall 250 thck-C60	6.64	t	3,796	25,211.65
M	In shear wall 300 thck-C60	101.63	t	3,796	385,801.62
N	In shear wall 400 thck-C60	11.77	t	3,796	44,681.65
P	In shear wall 500 thck-C60	8.13	t	3,796	30,872.47
Q	In shear wall 300 thck-C90	6.74	t	3,796	25,576.70
R	In shear wall 400 thck-C90	117.92	t	3,796	447,637.82
S	In shear wall 500 thck-C90	295.75	t	3,796	1,122,673.32
T	In shear wall (300-600mm thick) - Grade C90	128.18	t	3,796	486,580.42
U	In shear wall 600 thck-C90	45.50	t	3,796	172,718.97
	To Collection Dhs.				13,539,052.31



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

#3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - REINFORCEMENT -</u> <u>SUBSTRUCTURE (Cont'd)</u> Reinforced Steel High tensile deformed bars confirming to the BS and local authorities, complete as per drawings and specifications(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.) In Retaining wall				
A	B2-B1 - C50	160.37	t	3,796	608,763.97
B	B1-GF- C50	139.45	t	3,796	529,358.62
C	GF to above- C50	166.42	t	3,796	631,727.98
	<u>Sump wall</u>	-			
D	In sump wall, 400mm thick.	30.49	t	3,796	115,740.48
	<u>Water Tank</u>	-			
E	In water tank wall, -300mm thick - Grade 60	22.37	t	3,796	84,925.38
F	In water tank wall, -500mm thick - Grade 60	3.66	t	3,796	13,897.83
G	In water tank wall, -600mm thick - Grade 60	5.09	t	3,796	19,321.37
H	In water tank wall, 600mm thick - Grade 90	76.18	t	3,796	289,194.76
	<u>Slabs</u>	-			
J	In suspended slab, 800mm thick- C50	4.06	t	3,684	14,940.31
K	Ditto, in 450mm thick- C50	12.05	t	3,684	44,395.79
L	Ditto, in 400mm thick-C50	157.51	t	3,684	580,250.20
M	Ditto, in 350mm thick-C50	593.54	t	3,684	2,186,598.78
N	Ditto, in 300mm thick-C50	305.61	t	3,684	1,125,852.25
P	Ditto in 225mm thick - C50	0.26	t	3,684	961.61
Q	Ditto, in 200mm thick-C50	7.71	t	3,684	28,392.65
	<u>Beams</u>	-			
R	In Beams-C50	109.35	t	3,862	422,305.78
S	In link beam-C50	5.35	t	3,862	20,660.07
	<u>Stairs</u>	-			
T	In Stair case and landing slab -C50	10.56	t	4,123	43,529.20
	<u>Slabs</u>	-			
U	In Grade slab, 250mm thick-C50	4.58	t	3,684	16,878.70
	To Collection Dhs.				6,777,695.73



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - REINFORCEMENT - SUBSTRUCTURE (Cont'd) <u>Reinforced Steel High tensile deformed bars confirming to the BS and local authorities, complete as per drawings and specifications(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.)</u>				
A	Slabs (Cont'd) In suspended slab, 250mm thick (Hatched area - Allowance for additional slab to maintain Architectural features + Landscape)-C50	67.49	t	3,684	248,625.52
B	In 350mm thick Slab on grade, Section 28, Drg. No. S 534 - Ground floor-C50	0.39	t	3,684	1,419.63
C	In 450mm thick Slab on grade, Section 26, Drg. No. S 534 - Ground floor-C50	0.69	t	3,684	2,530.54
D	In 500mm thick Slab on grade, Section 24, Drg. No. S 534 - Ground floor-C50	0.78	t	3,593	2,788.88
E	Foundation as per Section 27, Drg. No. S 534-C50	1.70	t	3,593	6,120.72
F	Drop panel / column head-C50	2.23	t	3,593	8,011.23
G	Slab Hatched area - Allowance for additional slab to maintain Architectural features + Landscape-C50	6.47	t	3,796	24,551.96
H	In 350mm thick Slab on grade, Section 1, Drg. No. S 631 - 1st floor-C50	6.69	t	3,684	24,647.46
J	In 450mm thick Slab on grade, Section 5, Drg. No. S 631 - 1st floor-C50	0.34	t	3,684	1,252.62
K	Size - 450 x 1800mm-C50	0.89	t	3,684	3,289.70
L	Size - 450 x 2500mm-C50	0.67	t	3,684	2,467.28
	To Collection Dhs.				325,705.52



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - REINFORCEMENT - PODIUM				
	Reinforcement steel. High tensile deformed bars conforming to the BS and local authorities, complete as per the drawings and specifications -(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.).				
	Slabs				
A	In 375mm thick Slab-C50	97.47	t	3,684	359,083.57
B	In 350mm thick Slab-C50	129.58	t	3,684	477,368.58
C	In 300mm thick Slab-C50	110.42	t	3,684	406,769.06
D	In 200mm thick Slab-C50	16.22	t	3,684	59,761.22
E	In anttice slab-C50	12.20	t	3,684	44,949.97
F	Slab Hatched area - Allowance for additional slab to maintain Architectural features + Landscape-C50	7.35	t	3,796	27,899.95
	Beams				
G	In beams-C50	64.95	t	3,862	250,822.98
H	In link beam-C50	38.84	t	3,862	150,008.32
	Stairs				
J	In stair case and landing slab-C50	19.82	t	4,123	81,719.92
	Shear Walls				
K	In shear walls -250thck- C60	1.12	t	3,796	4,255.39
L	In shear walls -300thck-C60	10.25	t	3,796	38,913.92
M	In shear walls -400thck-C60	27.70	t	3,796	105,148.93
N	In shear walls -300thck-C90	14.84	t	3,796	56,342.26
P	In shear walls -400thck-C90	353.12	t	3,796	1,340,449.41
Q	In shear walls -500thck-C90	642.28	t	3,796	2,438,101.42
R	In shear walls -600thck-C90	103.10	t	3,796	391,350.32
	To Collection Dhs.				6,232,945.24



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - REINFORCEMENT - PODIUM</u> (Cont'd)				
	<u>Columns</u>				
A	In Columns	352.03	t	3,796	1,336,313.96
	<u>Parapets and up stands</u>	-			
B	In parapets and up stands-250mm thck-C50	8.31	t	4,024	33,431.62
C	In parapets and up stands--300mm thck-C50	2.83	t	4,024	11,376.98
D	In parapets and up stands--350mm thck-C50	4.90	t	3,940	19,291.12
E	In parapets and up stands-450mm thck-C50	0.46	t	4,024	1,862.99
F	In parapets and up stands-500mm thck-C50	0.31	t	4,024	1,235.55
G	In parapets and up stands-750mm thck-C50	11.67	t	4,024	46,961.81
	<u>Slab edge thickening</u>	-			
H	Size - 450 x 450	2.41	t	3,684	8,882.19
J	Size - 450 x 2400	3.35	t	3,684	12,336.38
	<u>Post tension</u>	-			
	<u>Reinforcement to Post tensioning slabs</u>	-			
K	In Post tension slab 250mm thick-C50	11.14	t	3,684	41,039.03
L	In Post tension slab 275mm thick-C50	4.22	t	3,684	15,560.29
M	In Post tension slab 300mm thick-C50	95.17	t	3,684	350,599.94
N	In Post tension slab 350mm thick-C50	15.78	t	3,684	58,145.47
P	In Post tension slab 375mm thick-C50	9.25	t	3,684	34,081.31
Q	In Post tension slab 400mm thick-C50	7.03	t	3,684	25,906.40
R	In Post tension slab 450mm thick-C50	20.90	t	3,862	80,698.41
	To Collection Dhs.				2,077,723.44



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - REINFORCEMENT - RESIDENCE <u>Reinforcement steel , High Tensile deformed bars conforming to the BS and local authorities , complete as per the drawings and specifications.(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.)</u>				
	<u>Slabs</u>				
A	In 300mm thick Slab	3.54	t	3,780	13,377.08
B	In 250mm thick Slab	3.44	t	3,780	12,992.80
C	In 200mm thick Slab	41.66	t	3,780	157,458.46
	<u>Beams</u>				
D	In beams	112.89	t	3,862	435,988.96
E	In link beam	90.15	t	3,862	348,149.19
	<u>Stairs</u>				
F	In stair case and landing slab	37.15	t	4,123	153,173.52
	<u>Shear walls</u>				
G	In shear walls -400thck	61.40	t	3,796	233,055.88
H	In shear walls -500thck	220.32	t	3,796	836,349.38
J	In shear walls -400thck	201.04	t	3,796	763,155.02
K	In shear walls -500thck	461.40	t	3,796	1,751,491.36
L	In shear walls -550thck	2.91	t	3,796	11,029.61
M	In shear walls -400thck	66.78	t	3,796	253,488.04
N	In shear walls -500thck	166.86	t	3,796	633,388.94
P	Planted wall 200 mm thck	0.61	t	4,024	2,443.45
	<u>Columns</u>				
Q	In Columns	201.78	t	3,796	765,971.09
	To Collection Dhs.				8,371,512.78



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - REINFORCEMENT - RESIDENCE (Cont'd)				
	Parapets and up stands				
A	In parapets and up stands-250mm thck	2.33	t	4,024	9,378.54
B	In parapets and up stands-500mm thck	0.85	t	4,024	3,416.41
C	In parapets and up stands-750mm thck	0.05	t	4,024	212.83
D	Drop panel	39.25	t	3,796	149,011.83
	Post tension				
	Reinforcement to Post Tensioning Slabs in accordance with the specifications and drawings. (Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.)				
E	In Post tension slab 185mm thick	38.43	t	3,684	141,589.57
F	In Post tension slab 235mm thick	17.19	t	3,684	63,315.24
G	In Post tension slab 275mm thick	234.25	t	3,684	862,962.72
H	In Post tension slab 285mm thick	2.01	t	3,684	7,406.76
J	In Post tension slab 325mm thick	87.78	t	3,684	323,365.32
K	In Post tension slab 350mm thick	7.86	t	3,684	28,957.60
L	In Post tension slab 375mm thick	28.70	t	3,684	105,722.78
M	In Post tension beams	5.27	t	3,862	20,347.04
	Walls				
	Blade walls and outrigger walls				
P	Blade wall 500thck- Grade C70	179.83	t	3,796	682,636.27
Q	Blade wall-500 thck - Grade C90	119.00	t	3,796	451,718.52
R	Outrigger wall-700 mm	6.91	t	3,796	26,231.17
S	Outrigger wall-800mm	8.11	t	3,796	30,789.03
T	Outrigger wall-1000 mm	8.70	t	3,796	33,018.42
	To Collection Dhs.				2,940,080.07



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - REINFORCEMENT - HOTEL Reinforcement steel , High Tensile deformed bars conforming to the BS and local authorities , complete as per the drawings and specifications .-(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.)				
	Slabs				
A	In 350mm thick Slab	5.60	t	3,684	20,623.90
B	In 300mm thick Slab	78.19	t	3,684	288,056.38
C	In 200mm thick Slab	53.37	t	3,684	196,597.62
	Beams				
D	In beams	173.34	t	3,862	669,436.05
E	In link beam	108.57	t	3,862	419,313.41
F	In stair case and landing slab	25.00	t	4,123	103,073.87
	Walls				
G	In shear walls -250thck	2.42	t	3,796	9,199.16
H	In shear walls -300thck	7.89	t	3,796	29,933.78
J	In shear walls -400thck	81.06	t	3,796	307,702.60
K	In shear walls -500thck	112.04	t	3,796	425,315.25
L	In shear walls -250thck	1.88	t	3,796	7,118.40
M	In shear walls -300thck	22.37	t	3,796	84,899.30
N	In shear walls -400thck	260.07	t	3,796	987,243.81
P	In shear walls -500thck	346.92	t	3,796	1,316,914.37
Q	In shear walls -300thck	5.70	t	3,796	21,642.02
R	In shear walls -400thck	19.77	t	3,796	75,048.27
S	In shear walls -500thck	57.44	t	3,796	218,026.41
	Columns				
T	In Columns	269.66	t	3,796	1,023,615.44
	To Collection Dhs.				6,203,760.05



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - REINFORCEMENT - HOTEL (Cont'd)				
	Reinforcement steel , High Tensile deformed bars conforming to the BS and local authorities , complete as per the drawings and specifications .-(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.)				
	In parapets and up stands				
A	In parapets and up stands-250mm thck	13.65	t	4,024	54,919.62
B	In parapets and up stands--300mm thck	5.61	t	4,024	22,554.94
C	In parapets and up stands-350mm thck	0.37	t	3,940	1,474.98
	Water tank @ 18th Floor				
D	300mm thick	6.30	t	3,796	23,905.31
E	500mm thick	7.36	t	3,796	27,952.10
F	700mm thick	5.11	t	3,796	19,399.59
G	750mm thick	7.63	t	3,796	28,953.37
H	Drop panel	41.83	t	3,796	158,795.07
	Post tension				
	Reinforcement to Post Tensioning Slabs in accordance with the specifications and drawings .-(Remeasurable based upon Bar Bending Schedules and the quantity of materials installed in the works.)				
J	In Post tension slab 185mm thick	34.84	t	3,684	128,352.64
K	In Post tension slab 200mm thick	2.65	t	3,684	9,770.41
L	In Post tension slab 235mm thick	1.64	t	3,684	6,030.02
M	In Post tension slab 275mm thick	240.31	t	3,684	885,308.01
N	In Post tension slab 325mm thick	6.91	t	3,684	25,445.84
P	In Post tension slab 350mm thick	16.08	t	3,684	59,239.30
Q	In Post tension slab 375mm thick	25.57	t	3,684	94,188.27
R	In Post tension slab 400mm thick	40.95	t	3,684	150,865.71
S	In Post tension beams	3.21	t	3,682	12,415.14
	To Collection Dhs.				1,709,570.33



PLOT-18

BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - REINFORCEMENT - HOTEL</u> (Cont'd)				
	<u>Reinforcement steel , High Tensile deformed bars</u> <u>conforming to the BS and local authorities , complete as</u> <u>per the drawings and specifications .-(Remeasurable</u> <u>based upon Bar Bending Schedules and the quantity of</u> <u>materials installed in the works.)</u>				
	<u>Walls</u>				
G	Blade wall 500thck	184.25	t	3,796	699,420.05
H	Blade wall-500 thck	8.45	t	3,796	32,074.00
J	Outrigger wall-700 mm	184.25	t	3,796	699,420.05
K	Outrigger wall-800mm	8.45	t	3,796	32,074.00
L	Outrigger wall-1000 mm	184.25	t	3,796	699,420.05
M	Outrigger wall-500 mm	8.45	t	3,796	32,074.00
	<u>Slabs</u>				
N	In 710mm thick Slab	19.87	t	3,684	73,203.45
P	In 800mm thick Slab	63.70	t	3,684	234,672.12
	To Collection Dhs.				2,502,357.72



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - REINFORCEMENT (Cont'd)				
	<u>Additional Items</u>				
	The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.				
	<u>Quantities change as per revised drawings</u>				
A	In shear walls	(4.12)	t	3,622	-14,927.71
B	Drop panels and beam	10.08	t	3,622	36,523.13
C	In Columns C06,C16,C10,C105	4.47	t	3,622	16,196.57
	<u>VALUE ENGINEERING</u>				
D	Item 1:- Ballroom Composite Columns	1.00	Item	177,101	177,101.00
E	Item 2:- Reductions in Typical SSL to SSL Heights	1.00	Item	-1,264,982	-1,264,982.00
F	Item 3:- Penthouse Floor to Floor Heights	1.00	Item	-242,102	-242,102.00
G	Item 4:- Level 30 Penthouse: Reduce Level 30 SSL to roof SSL height to 2 x 4.6m	1.00	Item	-150,627	-150,627.00
H	Item 5:-Hotel Balconies: Delete all Hotel balconies on the East elevation (road side) of the building	1.00	Item	-102,471	-102,471.00
J	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-404,465.86
K	Attendances		Item		
	To Collection Dhs.				-1,949,754.87



PLOT-18
BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK



PLOT-18

BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - FORMWORK - SUBSTRUCTURE <u>Formwork including system , labour, and accessories</u>				
	<u>Substructure Raft</u>				
A	In pile cap, Raft , edge beam, 600mm thick	4,057.00	m2	191	774,887.00
B	In sump cover slab, 300mm thick.	473.00	m2	199	94,127.00
	<u>Substructure Others</u>				
C	Ramp slab, 300mm thick	1,346.00	m2	133	179,018.00
D	Circular ramp slab, 350mm thick	600.00	m2	133	79,800.00
E	Ramp wall (300mm thick)	372.00	m2	135	50,220.00
F	Ditto but curved shuttering	770.00	m2	135	103,950.00
G	Circular ramp wall 300mm thick	1,857.00	m2	135	250,695.00
H	Columns	4,898.00	m2	168	822,864.00
	<u>Walls</u>				
J	Shear walls-C60 250 mm thck	81.00	m2	158	12,798.00
K	Shear walls C60 300 mm thck	2,492.00	m2	158	393,736.00
L	Shear walls C60 400 mm thck	335.00	m2	158	52,930.00
M	Shear walls C60 500 mm thck	131.00	m2	158	20,698.00
N	Shear walls-C90 300thck	133.00	m2	158	21,014.00
P	Shear walls-C90 400thck	1,739.00	m2	158	274,762.00
Q	Shear walls-C90 500thck	3,008.00	m2	158	475,264.00
R	Shear walls-C90 600thck	382.00	m2	158	60,356.00
S	In Retaining wall	5,970.00	m2	140	835,800.00
T	In sump wall, 400mm thick.	714.00	m2	135	96,390.00
	To Collection Dhs.				4,599,309.00



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 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - FORMWORK - SUBSTRUCTURE (Cont'd) <u>Formwork including system , labour, and accessories</u>				
	<u>Water tank</u>				
A	Water Tank Wall-C90-600 mm thick	534.00	m2	135	72,090.00
B	Water Tank Wall-C60 -600mmthck	60.00	m2	135	8,100.00
C	Water Tank Wall-C60 -500mmthck	124.00	m2	135	16,740.00
D	Water Tank Wall-C60 -300mmthck	1,311.00	m2	135	176,985.00
	<u>RC slabs</u>				
E	In suspended slab, 800mm thick	103.00	m2	133	13,699.00
F	Side Shuttering-system measured elsewhere	20.00	m2	93	1,860.00
G	Ditto, in 450mm thick	190.00	m2	133	25,270.00
H	Ditto, in 400mm thick	2,968.00	m2	133	394,744.00
J	Side Shuttering-system measured elsewhere	14.00	m2	93	1,302.00
K	Ditto, in 350mm thick	12,017.00	m2	133	1,598,261.00
L	Side Shuttering-system measured elsewhere	18.00	m2	93	1,674.00
M	Ditto, in 300mm thick	6,715.00	m2	133	893,095.00
N	Ditto, but to water tank at Basement 1, Drg. No. A-4307	145.00	m2	133	19,285.00
D					
P	Ditto, in 200mm thick	296.00	m2	133	39,368.00
Q	Side Shuttering-system measured elsewhere	8.00	m2	93	744.00
R	In Beams	2,572.00	m2	151	388,372.00
S	In link beam	100.00	m2	151	15,100.00
	To Collection Dhs				3,666,689.00



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BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK

33:335.3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - FORMWORK - SUBSTRUCTURE (Cont'd)</u> <u>Formwork including system , labour, and accessories</u>				
A	In Stair case and landing slab	422.48	m2	190	80,271.20
B	Sloping soffit	218.69	m2	190	41,551.10
C	In Grade slab, 250mm thick	90.00	m2	125	11,250.00
D	Foundation as per Section 27, Drg. No. S 534	22.00	m2	192	4,224.00
	To Collection Dhs.				137,296.30



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**BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK**

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - FORMWORK - PODIUM				
	<u>Formwork including system, labor and accessories</u>				
	<u>Slabs</u>				
A	In 375mm thick Slab	1,420.00	m2	133	188,860.00
B	Side shuttering, system measured elsewhere	68.00	m2	93	6,324.00
C	Side shuttering - curved, system measured elsewhere	7.00	m2	93	651.00
D	In 350mm thick Slab	1,866.00	m2	133	248,178.00
E	Side shuttering, system measured elsewhere	128.00	m2	93	11,904.00
F	Side shuttering - curved, system measured elsewhere	22.00	m2	93	2,046.00
G	In 300mm thick Slab	1,772.00	m2	133	235,676.00
H	Side shuttering, system measured elsewhere	61.91	m2	93	5,757.63
J	In 200mm thick Slab	710.00	m2	133	94,430.00
K	Side shuttering, system measured elsewhere	21.00	m2	93	1,953.00
L	In antic slab	265.00	m2	133	35,245.00
	<u>Beams</u>				
M	In beams	1,578.96	m2	151	238,422.96
N	In link beam	808.00	m2	151	122,008.00
	<u>Stairs</u>				
P	In stair case and landing slab	756.05	m2	190	143,649.50
Q	Sloping soffit	406.98	m2	190	77,326.20
	To Collection Dhs.				1,412,431.29



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
CONCRETE WORK - FORMWORK - PODIUM (Cont'd)					
<u>Walls</u>					
A	In shear walls 250mm th - Grade C60	64.00	m2	158	10,112.00
B	In shear walls 300th - Grade C60	241.00	m2	158	38,078.00
C	In shear walls-400th - Grade C60	482.00	m2	158	76,156.00
D	Shuttering - curved, system measured elsewhere	45.00	m2	158	7,110.00
E	In shear walls-300Th - Grade C90	250.00	m2	158	39,500.00
F	In shear walls-400th - Grade C90	4,368.00	m2	158	690,144.00
G	In shear walls-500th - Grade C90	7,337.00	m2	158	1,159,246.00
H	In shear walls-600th - Grade C90	984.00	m2	158	155,472.00
<u>Columns</u>					
J	In Columns	5,256.36	m2	168	883,068.48
<u>Parapets and up stands</u>					
K	In parapets and up stands	1,016.00	m2	188	191,008.00
L	Shuttering - curved, system measured elsewhere	325.00	m2	188	61,100.00
<u>Drop Panel</u>					
M	Drop Panel	1.80	m2	158	284.40
<u>Slab edge thickening</u>					
N	Size - 450 x 450 mm	119.42	m2	139	16,598.89
P	Side shuttering, system measured elsewhere	50.48	m2	100	5,047.65
Q	Side shuttering - curved, system measured elsewhere	3.87	m2	100	387.00
R	Size - 450 x 1800 mm	10.98	m2	139	1,526.22
S	Side shuttering, system measured elsewhere	9.63	m2	100	963.00
T	Side shuttering - curved, system measured elsewhere	1.35	m2	100	135.00
To Collection Dhs.					3,335,936.64



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - FORMWORK - PODIUM (Cont'd)				
A	Slab edge thickening (Cont'd) Size - 450 x 2400 mm	31.12	m2	139	4,325.96
B	Side shuttering, system measured elsewhere	25.61	m2	100	2,560.95
C	Side shuttering - curved, system measured elsewhere	5.51	m2	100	551.25
D	Size - 450 x 2500 mm	5.71	m2	139	793.76
E	Side shuttering, system measured elsewhere	4.36	m2	100	436.05
F	Side shuttering - curved, system measured elsewhere	1.35	m2	100	135.00
	Post tension <u>Post tension poured in-situ concrete having 28days</u> <u>minimum compressive strength 50N/mm2 in accordance</u> <u>with the specifications and drawings including steel rod</u> <u>reinforcement, ducts, tendons, strands, labor, formwork</u> <u>and all required material</u>				
	PT slabs				
G	In Post tension slab 250mm thick	839.00	m2	133	111,587.00
H	Side shuttering, system measured elsewhere	32.00	m2	93	2,976.00
J	Side shuttering - curved, system measured elsewhere	3.00	m2	93	279.00
K	In Post tension slab 275mm thick	343.87	m2	133	45,734.71
L	In Post tension slab 300mm thick	6,302.00	m2	133	838,166.00
M	Side shuttering, system measured elsewhere	72.00	m2	93	6,696.00
N	Side shuttering - curved, system measured elsewhere	11.00	m2	93	1,023.00
P	In Post tension slab 350mm thick	1,009.56	m2	133	134,271.48
Q	Side shuttering, system measured elsewhere	16.42	m2	93	1,527.25
	To Collection Dhs.				1,151,063.40



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BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK

33:335.3	Description	Qty.	Unit	Rate	Amount (Dhs.)
A	CONCRETE WORK - FORMWORK - PODIUM (Cont'd)				
A	Side shuttering - curved, system measured elsewhere	2.45	m2	93	227.85
B	In Post tension slab 400mm thick	517.63	m2	133	68,844.79
C	In Post tension slab 450mm thick	314.00	m2	133	41,762.00
	<u>Post tension</u>				
D	In Post tension beams	1,310.31	m2	151	197,856.81
	<u>Extra Over for Pt slabs</u>				
E	7 m high	4,904.00	m2	201	985,704.00
F	8 m high	3,379.00	m2	214	723,106.00
G	14 m high	833.00	m2	294	244,902.00
H	15.5m high	366.00	m2	314	114,924.00
J	21 m high	256.00	m2	388	99,328.00
K	31 m high	1,140.00	m2	521	593,940.00
L	32 m high	927.00	m2	535	495,945.00
M	35.5 m high	807.00	m2	582	469,674.00
	To Collection Dhs.				4,036,214.45



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - FORMWORK - RESIDENCE				
	<u>Formwork including system , labour and accessories.</u>				
	<u>Slabs</u>				
A	In 300mm thick Slab	106.00	m2	133	14,098.00
B	In 250mm thick Slab	138.00	m2	133	18,354.00
C	In 200mm thick Slab	1,764.00	m2	133	234,612.00
D	Side shuttering, system measured elsewhere	53.00	m2	93	4,929.00
	<u>Beams</u>				
E	In beams	1,757.00	m2	151	265,307.00
F	In link beam	1,748.00	m2	151	263,948.00
	<u>Stairs</u>				
G	In stair case and landing slab	1,467.00	m2	190	278,730.00
H	Sloping soffit	744.62	m2	190	141,477.80
	<u>Walls</u>				
J	In shear walls-40th - Grade C60	2,471.00	m2	158	390,418.00
K	In shear walls-40th - Grade C60	5,889.00	m2	158	930,462.00
L	In shear walls-400th - Grade C70	6,118.00	m2	158	966,644.00
M	In shear walls 500th - Grade C70	10,022.00	m2	158	1,583,476.00
N	In shear walls 550th - Grade C70	21.00	m2	158	3,318.00
P	In shear walls-400th - Grade C90	1,108.00	m2	158	175,064.00
Q	In shear walls-500th - Grade C90	1,807.00	m2	158	285,506.00
R	In Blade walls -500th - Grade C70	3,467.00	m2	158	547,786.00
S	In Blade walls-500th - Grade C90	1,179.00	m2	158	186,282.00
	To Collection Dhs.				6,290,411.80



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - FORMWORK - RESIDENCE</u> <u>(Cont'd)</u>				
	<u>Walls</u>				
A	Out rigger wall-700mm thck	57.00	m2	158	9,006.00
B	Out rigger wall-800mm thck	102.00	m2	158	16,116.00
C	Out rigger wall-1000mm thck	42.00	m2	158	6,636.00
	<u>Columns</u>				
D	In Columns	4,891.57	m2	168	821,783.76
	<u>Parapets and up stands</u>				
E	In parapets and up stands	119.00	m2	188	22,372.00
	<u>Drop panel</u>				
F	Drop Panel	156.94	m2	158	24,796.52
	<u>Post tension</u>				
	<u>Formwork to Post Tensioning Slabs</u>				
G	In Post tension slab 185mm thick	4,652.22	m2	93	432,656.46
H	Side shuttering, system measured elsewhere	502.79	m2	93	46,759.80
J	Side shuttering - curved, system measured elsewhere	53.11	m2	93	4,939.21
K	In Post tension slab 235mm thick	1,637.07	m2	133	217,730.31
L	Side shuttering, system measured elsewhere	219.65	m2	93	20,427.65
M	Side shuttering - curved, system measured elsewhere	24.96	m2	93	2,321.00
N	In Post tension slab 275mm thick	19,077.81	m2	133	2,537,348.73
P	Side shuttering, system measured elsewhere	595.27	m2	93	55,360.15
Q	Side shuttering - curved, system measured elsewhere	14.81	m2	93	1,376.90
	To Collection Dhs.				4,219,630.48



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - FORMWORK - RESIDENCE</u> <u>(Cont'd)</u>				
	<u>Post tension</u>				
A	In Post tension slab 285mm thick	158.00	m2	133	21,014.00
B	Side shuttering, system measured elsewhere	24.00	m2	93	2,232.00
C	Side shuttering - curved, system measured elsewhere	2.00	m2	93	186.00
D	In Post tension slab 325mm thick	6,048.23	m2	133	804,414.59
E	Side shuttering, system measured elsewhere	153.57	m2	93	14,282.37
F	Side shuttering - curved, system measured elsewhere	3.87	m2	93	360.33
G	In Post tension slab 350mm thick	502.60	m2	133	66,845.80
H	Side shuttering, system measured elsewhere	99.69	m2	93	9,270.89
J	Side shuttering - curved, system measured elsewhere	4.98	m2	93	463.51
K	In Post tension slab 375mm thick	1,713.37	m2	133	227,878.21
L	Side shuttering, system measured elsewhere	73.82	m2	93	6,865.02
M	Side shuttering - curved, system measured elsewhere	7.68	m2	93	713.78
N	In Post tension beams	443.87	m2	151	67,024.37
P	In 710mm thick Slab	40.00	m2	133	5,320.00
Q	Side shuttering, system measured elsewhere	15.00	m2	93	1,395.00
R	In 800mm thick Slab	202.00	m2	133	26,866.00
S	Side shuttering, system measured elsewhere	60.00	m2	93	5,580.00
T	Side shuttering-Curved, system measured elsewhere	3.00	m2	93	279.00
	To Collection Dhs.				1,260,990.88



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - FORMWORK - RESIDENCE</u> <u>(Cont'd)</u>				
	<u>Post tension</u>				
A	In post tension slab 225mm thick	26.00	m2	133	3,458.00
B	Side shuttering, system measured elsewhere	14.00	m2	93	1,302.00
C	Side shuttering-Curved, system measured elsewhere	2.00	m2	93	186.00
	To Collection Dhs.				4,946.00



**PLOT-18
BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK**

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - FORMWORK - HOTEL</u>				
	<u>Formwork including system , labour and accessories.</u>				
	<u>Slabs</u>				
A	In 350mm thick Slab	142.84	m2	133	18,997.72
B	Side shuttering, system measured elsewhere	10.00	m2	93	930.00
C	In 300mm thick Slab	1,642.00	m2	133	218,386.00
D	Side shuttering, system measured elsewhere	57.37	m2	93	5,335.41
E	Side shuttering - curved, system measured elsewhere	5.00	m2	93	465.00
F	In 200mm thick Slab	1,980.00	m2	133	263,340.00
G	Side shuttering, system measured elsewhere	60.00	m2	93	5,580.00
H	Side shuttering - curved, system measured elsewhere	6.00	m2	93	558.00
	<u>Beams</u>				
J	In beams	2,328.00	m2	151	351,528.00
K	In link beam	1,926.00	m2	151	290,826.00
L	In stair case and landing slab	1,245.47	m2	190	236,639.30
M	Sloping soffit	536.33	m2	190	101,902.70
	<u>Walls</u>				
N	In shear walls 250mm th - Grade C60	42.00	m2	158	6,636.00
P	In shear walls 300th - Grade C60	288.00	m2	158	45,504.00
Q	In shear walls-40th - Grade C60	2,350.00	m2	158	371,300.00
R	In shear walls-40th - Grade C60	4,020.00	m2	158	635,160.00
S	In shear walls-250th - Grade C70	102.00	m2	158	16,116.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
<u>CONCRETE WORK - FORMWORK - HOTEL (Cont'd)</u>					
<u>Formwork including system , labour and accessories.</u>					
<u>Walls (Cont'd)</u>					
A	In shear walls-300th - Grade C70	714.00	m2	158	112,812.00
B	In shear walls-400th - Grade C70	5,391.00	m2	158	851,778.00
C	In shear walls 500th - Grade C70	10,286.00	m2	158	1,625,188.00
D	In shear walls-300Th - Grade C90	87.00	m2	158	13,746.00
E	In shear walls-400th - Grade C90	630.00	m2	158	99,540.00
F	In shear walls-500th - Grade C90	1,311.00	m2	158	207,138.00
G	In Blade walls -500th - Grade C70	2,798.00	m2	158	442,084.00
H	In Blade walls-500th - Grade C90	133.00	m2	158	21,014.00
J	In water tank wall - Grade 90	552.00	m2	158	87,216.00
K	In Columns	6,759.31	m2	168	1,135,564.08
L	In parapets and up stands	1,209.00	m2	188	227,292.00
M	shuttering - curved, system measured elsewhere	38.00	m2	188	7,144.00
N	Drop Panel	162.42	m2	158	25,662.36
<u>Formwork to Post Tensioning Slabs</u>					
<u>PT slabs</u>					
P	In Post tension slab 185mm thick	4,217.12	m2	133	560,876.96
Q	Side shuttering, system measured elsewhere	504.60	m2	93	46,927.50
R	Side shuttering - curved, system measured elsewhere	65.03	m2	93	6,047.56
S	In Post tension slab 200mm thick	297.00	m2	133	39,501.00
T	Side shuttering, system measured elsewhere	37.00	m2	93	3,441.00
U	Side shuttering - curved, system measured elsewhere	3.00	m2	93	279.00
To Collection Dhs.					
5,513,251.46					



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - FORMWORK - HOTEL (Cont'd)				
	<u>Formwork including system , labour and accessories.</u>				
	<u>PT Slabs(Cont'd)</u>				
A	In Post tension slab 235mm thick	156.00	m2	133	20,748.00
B	Side shuttering, system measured elsewhere	23.90	m2	93	2,223.09
C	Side shuttering - curved, system measured elsewhere	4.82	m2	93	448.03
D	In Post tension slab 275mm thick	19,571.61	m2	133	2,603,024.13
E	Side shuttering, system measured elsewhere	730.92	m2	93	67,975.47
J	Side shuttering - curved, system measured elsewhere	12.34	m2	93	1,147.69
F	In Post tension slab 325mm thick	475.72	m2	133	63,270.76
G	Side shuttering, system measured elsewhere	17.21	m2	93	1,600.87
H	Side shuttering - curved, system measured elsewhere	0.63	m2	93	58.59
J	In Post tension slab 350mm thick	1,028.34	m2	133	136,769.22
K	Side shuttering, system measured elsewhere	54.47	m2	93	5,065.67
L	Side shuttering - curved, system measured elsewhere	4.26	m2	93	395.90
M	In Post tension slab 375mm thick	1,526.57	m2	133	203,033.81
N	Side shuttering, system measured elsewhere	101.41	m2	93	9,430.80
P	Side shuttering - curved, system measured elsewhere	16.58	m2	93	1,541.94
Q	In Post tension slab 400mm thick	2,292.08	m2	133	304,846.64
R	Side shuttering, system measured elsewhere	96.02	m2	93	8,929.53
S	Side shuttering - curved, system measured elsewhere	5.06	m2	93	470.58
T	In Post tension beams	400.35	m2	151	60,452.85
	To Collection Dhs.				



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - FORMWORK (Cont'd)				
	<u>Additional Items</u>				
	<u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	<u>Quantities change as per revised drawings</u>				
A	Drop Panel	18.50	m2	158	2,923.00
B	Walls	-80	m2	158	-12,640.00
C	In Columns C06 C16	87.60	m2	168	14,716.80
	<u>VALUE ENGINEERING</u>				
D	Item 1:- Ballroom Composite Columns	1.00	item	66,443	66,443.00
E	Item 2:- Reductions in Typical SSL to SSL Heights	1.00	item	-1,119,860	-1,119,860.00
F	Item 3:- Penthouse Floor to Floor Heights	1.00	item	-284,298	-284,298.00
G	Item 4:- Level 30 Penthouse: Reduce Level 30 SSL to roof SSL height to 2 x 4.6m	1.00	item	-180,185	-180,185.00
H	Item 5:-Hotel Balconies: Delete all Hotel balconies on the East elevation (road side) of the building	1.00	item	-360,489	-360,489.00
J	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		item		-343,015.48
K	Attendances		item		
	To Collection Dhs.				2,216,404.68



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335.3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - FORMWORK (Cont'd)</u>				
	<u>COLLECTION</u>				
	Page No. 2/26				4,599,309.00
	Page No. 2/27				3,666,689.00
	Page No. 2/28				137,296.30
	Page No. 2/29				1,412,431.29
	Page No. 2/30				3,335,936.64
	Page No. 2/31				1,151,063.40
	Page No. 2/32				4,036,214.45
	Page No. 2/33				6,290,411.80
	Page No. 2/34				4,219,630.48
	Page No. 2/35				1,260,990.88
	Page No. 2/36				4,946.00
	Page No. 2/37				2,569,204.13
	Page No. 2/38				5,513,251.46
	Page No. 2/39				3,491,433.58
	Page No. 2/40				-2,216,404.68
					39,472,403.74

BILL NO. 2B
 CONCRETE WORK - FORMWORK
 CARRIED TO COLLECTION



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - POST TENSIONING WORK - PODIUM <u>Post tension</u> <u>Post tension poured in-situ concrete having 28days minimum compressive strength 50N/mm² in accordance with the specifications and drawings including steel rod reinforcement, ducts, tendons, strands, labor, formwork and all required material</u>				
A	In Post tension slab 250mm thick	998.00	m ²	59	58,882.00
B	In Post tension slab 275mm thick	344.00	m ²	59	20,296.00
C	In Post tension slab 300mm thick	7,105.00	m ²	59	419,195.00
D	In Post tension slab 350mm thick	1,010.00	m ²	59	59,590.00
E	In Post tension slab 400mm thick	518.00	m ²	59	30,562.00
F	In Post tension slab 450mm thick	350.00	m ²	59	20,650.00
G	In Post tension beams (considered @30kgs /m ³)	468.00	m ³	442	206,856.00
	To Collection Dhs.				816,031.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

83.335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - POST TENSIONING WORK - RESIDENCE</u> <u>Post tension</u> <u>Post tension poured in-situ concrete having 28days minimum compressive strength 50N/mm² in accordance with the specifications and drawings including steel rod reinforcement, ducts, tendons, strands, labor, formwork and all required material</u>				
A	In Post tension slab 185mm thick	4,782.28	m2	59	282,154.39
B	In Post tension slab 235mm thick	1,638.00	m2	59	96,642.00
C	In Post tension slab 275mm thick	19,078.00	m2	59	1,125,602.00
D	In Post tension slab 285mm thick	158.00	m2	59	9,322.00
E	In Post tension slab 300mm thick		m2	59	
F	In Post tension slab 325mm thick	6,049.00	m2	59	356,891.00
G	In Post tension slab 350mm thick	503.00	m2	59	29,677.00
H	In Post tension slab 375mm thick	1,713.87	m2	59	101,118.13
J	In Post tension beams (considered @30kgs /m ³)	118.00	m3	442	52,156.00
	To Collection Dhs.				



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - POST TENSIONING WORK - HOTEL</u> <u>Post tension</u> <u>Post tension poured in-situ concrete having 28days minimum compressive strength 50N/mm² in accordance with the specifications and drawings including steel rod reinforcement, ducts, tendons, strands, labor, formwork and all required material</u>				
A	In Post tension slab 185mm thick	4,218.00	m ²	59	248,862.00
B	In Post tension slab 200mm thick	297.00	m ²	59	17,523.00
C	In Post tension slab 235mm thick	156.00	m ²	59	9,204.00
D	In Post tension slab 275mm thick	19,443.00	m ²	59	1,147,137.00
E	In Post tension slab 325mm thick	476.00	m ²	59	28,084.00
F	In Post tension slab 350mm thick	1,029.00	m ²	59	60,711.00
G	In Post tension slab 375mm thick	1,527.00	m ²	59	90,093.00
H	In Post tension slab 400mm thick	2,293.00	m ²	59	135,287.00
J	In Post tension beams (considered @30kgs /m ³)	72.00	m ³	442	31,824.00
	To Collection Dhs.				1,768,725.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3.335.3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - POST TENSIONING WORK <u>(Cont'd)</u> <u>Additional Items</u> <u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	VALUE ENGINEERING				
A	Item 1:- Ballroom Composite Columns	-	Item		
B	Item 2:- Reductions in Typical SSL to SSL Heights	-	Item		
C	Item 3:- Penthouse Floor to Floor Heights	-	Item		
D	Item 4:- Level 30 Penthouse: Reduce Level 30 SSL to roof SSL height to 2 x 4.6m	-	Item		
E	Item 5:-Hotel Balconies: Delete all Hotel balconies on the East elevation (road side) of the building	1.00	Item	-107,879	-107,879.00
F	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-40,919.46
G	Attendances		Item		
	To Collection Dhs.				



**PLOT-18
BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK**



PLOT-18

BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK

83:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - SUNDRIES				
	<u>Coverings and linings.</u>				
	<u>Preprufe waterproofing /grouting system for the pile head as per the specifications and drawings</u>				
A	1000mm dia. Pile	391.00	Nr	740	289,340.00
B	1200mm dia. Piles	275.00	Nr	917	252,175.00
	<u>Preprufe membrane waterproofing system as per specifications and drawings</u>				
C	To Horizontal surface to Pile caps	5,130.00	m2	82	420,660.00
D	Horizontal surface to Raft slab	7,574.00	m2	82	621,068.00
E	Sloping, Surface (raft edge)	560.00	m2	82	45,920.00
F	Horizontal surface to Sump tank base slab and grade slab	725.00	m2	82	59,450.00
G	Protection Screed over waterproofing 50mm thick	13,989.00	m2	33	461,637.00
	<u>PVC membrane waterproofing system as per specifications and drawings</u>				
H	Sides of Pile caps	3,547.00	m2	75	266,025.00
J	Sides of sump and lift pit walls, raft edge	559.00	m2	75	41,925.00
K	Sides of retaining wall	6,444.00	m2	75	483,300.00
L	Termination of waterproofing membrane at ground level with aluminum flashing	580.00	m	21	12,180.00
	<u>Protection board</u>				
	<u>Semi rigid high density mineral reinforced asphaltic core protection board</u>				
M	In Vertical face of retaining wall in direct contact with soil.	730.00	m2	39	28,470.00
	To Collection Dhs.				
					2,982,150.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

33:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - SUNDRIES (Cont'd)</u>				
	<u>Coverings and linings (Cont'd)</u>				
	<u>Basement Construction joints and compartmentalization</u>				
	<u>Water stop for compartmentalization</u>				
A	Ditto, Horizontally to retaining walls.	1,243.00	m	162	201,366.00
B	Ditto, Vertically, Considered @ 6m intervals to retaining walls	765.00	m	162	123,930.00
C	Re-injectable hose at construction joints including one - time injection prior to switching dewatering system		Item		Included
	<u>Waterproofing of Internal side of Sump</u>				
D	GRP lining to sump	1,325.00	m ²	199	263,675.00
	<u>Raised curb areas car park</u>				
E	Partially bonded proprietary lightweight aggregate leveling screed	243.00	m ³		
F	In-situ concrete curb, 150mm High	1,720.00	m		
G	In-situ concrete curb, 300mm High	25.00	m		
H	Voids former	2,323.00	m ³		
J	Ditto, but below pool deck as per Drg. No. A-4007 B section 4 - Detail section 25	1,014.00	m ³		Assumed included in Landscape Provisional Sum
	To Collection Dhs.				588,971.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONCRETE WORK - SUNDRIES (Cont'd)				
	Additional Items				
	The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.				
	Coverings and linings				
A	Waterproofing treatment to dewatering wells	42.00	Nr	1,658	69,636.00
B	Waterproofing to earthrods	15.00	Nr	829	12,435.00
C	Waterproofing to pipe penetrations	200.00	Nr	221	44,200.00
D	Waterproofing to foundations at Ground floor	126.00	m ²	82	10,332.00
E	Polythene sheet below blinding	13,986.00	m ²		Inc
F	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.				-34,001.92
G	Attendances		Item		
	To Collection Dhs.				102,601.08



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 2B - CONCRETE WORK

B3:335:3	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>CONCRETE WORK - SUNDRIES (Cont'd)</u>				
	<u>COLLECTION</u>				
	Page No. 2/47				2,982,150.00
	Page No. 2/48				588,971.00
	Page No. 2/49				102,601.08
					3,673,722.08

BILL NO. 2B
 CONCRETE WORK - SUNDRIES
 CARRIED TO COLLECTION



**PLOT-18
BILL OF QUANTITIES -
BILL NO. 2B - CONCRETE WORK**



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 3 - MASONARY WORK

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	MASONARY WORK <u>The scope of Works included in this bill are in accordance with the "Masonry" section of the document reference "Main Contractor's Scope of Works"</u> <u>Precast concrete block work</u> <u>Precast concrete block work bedded and jointed cement and sand mortar including joint reinforcement, ties, expansion joint, head joint in accordance with the specifications and drawings</u> <u>Basement 1 and 2</u> <u>Non fire rated walls</u> A In walls, 100mm thick B In walls, 150mm thick C In walls, 200mm thick <u>Fire rated walls</u> D In walls, 100mm thick, 1hr fire rated E In walls, 150mm thick, 1hr fire rated F In walls, 200mm thick, 1hr fire rated G In walls, 100mm thick, 2hr fire rated H In walls, 150mm thick, 2hr fire rated J In walls, 200mm thick, 2hr fire rated				
	To Collection Dhs.				1,747,412.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 3 - MASONARY WORK

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	MASONARY WORK (CONT'D)				
	Precast concrete block work (cont'd)				
	Ground Level to Roof Level				
	Non fire rated walls				
A	In walls, 100mm thick	1,364.00	m2	221.00	301,444.00
B	In walls, 150mm thick	2,827.00	m2	254.00	718,058.00
C	In walls, 200mm thick	3,879.00	m2	276.00	1,070,604.00
D	In walls, 500mm thick, cavity wall	278.00	m2	619.00	172,082.00
	Fire rated walls				
E	In walls, 100mm thick, 1hr fire rated	1,816.00	m2	221.00	401,336.00
F	In walls, 150mm thick, 1hr fire rated	676.00	m2	254.00	171,704.00
G	In walls, 200mm thick, 1hr fire rated	732.00	m2	276.00	202,032.00
H	In walls, 500mm thick, 1hr fire rated, cavity wall	3,430.00	m2	619.00	2,123,170.00
J	In walls, 100mm thick, 2hr fire rated	32.00	m2	221.00	7,072.00
K	In walls, 150mm thick, 2hr fire rated	3,516.00	m2	254.00	893,064.00
L	In walls, 200mm thick, 2hr fire rated	585.00	m2	276.00	161,460.00
M	In walls, 500mm thick, 2hr fire rated, cavity wall	161.00	m2	619.00	99,659.00
	To Collection Dhs.				6,321,685.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 3 - MASONARY WORK

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	MASONARY WORK (CONT'D) <u>Additional Items</u> <u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tenderer fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u> <u>Precast concrete block work</u> <u>Basement 1 and 2</u> <u>Non fire rated walls</u> A In walls, 150mm thick - acoustic rating 50dB B In walls, 200mm thick - acoustic rating 50dB C In walls, 200mm thick - acoustic rating 60dB <u>Fire rated walls</u> D In walls, 150mm thick, 1hr fire rated - acoustic rating 50dB E In walls, 150mm thick, 2hr fire rated - acoustic rating 50dB F In walls, 150mm thick, 2hr fire rated - acoustic rating 55dB G In walls, 200mm thick, 2hr fire rated - acoustic rating 50dB				
	To Collection Dhs.				178,865.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 3 - MASONARY WORK

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	MASONARY WORK (CONT'D)				
	<u>Additional Items (Cont'd)</u>				
	<u>Basement 1 and 2 (Cont'd)</u>				
	<u>Fire rated walls (Cont'd)</u>				
A	In walls, 200mm thick, 2hr fire rated - acoustic rating 55dB	48.00	m2	276.00	13,248.00
B	In walls, 200mm thick, 2hr fire rated - acoustic rating 60dB	1,896.00	m2	276.00	523,296.00
	<u>Ground Level to Roof Level</u>				
	<u>Non fire rated walls</u>				
C	In walls, 100mm thick - acoustic rating 50dB	33.00	m2	221.00	7,293.00
D	In walls, 100mm thick - acoustic rating 55dB	102.00	m2	221.00	22,542.00
E	In walls, 150mm thick - acoustic rating 50dB	450.00	m2	254.00	114,300.00
F	In walls, 150mm thick - acoustic rating 55dB	124.00	m2	254.00	31,496.00
G	In walls, 200mm thick - acoustic rating 50dB	798.00	m2	276.00	220,248.00
H	In walls, 200mm thick - acoustic rating 55dB	1,025.00	m2	276.00	282,900.00
J	In walls, 200mm thick - acoustic rating 60dB	928.00	m2	276.00	256,128.00
	<u>Fire rated walls</u>				
K	In walls, 100mm thick, 1hr fire rated - acoustic rating 50dB	34.00	m2	221.00	7,514.00
L	In walls, 150mm thick, 1hr fire rated - acoustic rating 50dB	121.00	m2	254.00	30,734.00
	To Collection Dhs.				1,509,699.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 3 - MASONARY WORK

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	MASONARY WORK (CONT'D)				
	Additional Items (Cont'd)				
	Ground Level to Roof Level (Cont'd)				
	Fire rated walls (Cont'd)				
A	In walls, 150mm thick, 1hr fire rated - acoustic rating 55dB	407.00	m2	254.00	103,378.00
B	In walls, 150mm thick, 2hr fire rated - acoustic rating 50dB	665.00	m2	254.00	168,910.00
C	In walls, 150mm thick, 2hr fire rated - acoustic rating 55dB	126.00	m2	254.00	32,004.00
D	In walls, 150mm thick, 2hr fire rated - acoustic rating 60dB	76.00	m2	254.00	19,304.00
E	In walls, 200mm thick, 1hr fire rated - acoustic rating 50dB	8,300.00	m2	276.00	2,290,800.00
F	In walls, 200mm thick, 1hr fire rated - acoustic rating 55dB	432.00	m2	276.00	119,232.00
G	In walls, 200mm thick, 1hr fire rated - acoustic rating 56dB	4,348.00	m2	276.00	1,200,048.00
H	In walls, 200mm thick, 1hr fire rated - acoustic rating 60dB	93.00	m2	276.00	25,668.00
J	In walls, 200mm thick, 2hr fire rated - acoustic rating 50dB	7,920.00	m2	276.00	2,185,920.00
K	In walls, 200mm thick, 2hr fire rated - acoustic rating 55dB	2,371.00	m2	276.00	654,396.00
L	In walls, 200mm thick, 2hr fire rated - acoustic rating 60dB	1,812.00	m2	276.00	500,112.00
	Sundries for stiffener columns				
M	Concrete	81.00	m3	397.00	32,157.00
N	Shuttering	823.00	m2	166.00	136,618.00
O	Reinforcement	11.67	t	3,479.00	40,599.93
P	Lintels	1.00	Item	72,787.43	72,787.43
	To Collection Dhs.				7,581,934.36



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 3 - MASONARY WORK

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	MASONARY WORK (CONT'D)				
	VALUE ENGINEERING				
	Client VE Items				
A	Item 2:- Reductions in Typical SSL to SSL Heights	(3,981.00)	m2	276.00	-1,098,756.00
B	Item 3:- Penthouse Floor to Floor Heights	(594.00)	m2	276.00	-163,944.00
C	Item 4:- Level 30 Penthouse: Reduce Level 30 SSL to roof SSL height to 2 x 4.6m	(132.00)	m2	276.00	-36,432.00
	RC VE Items				
D	Replace 100mm Blockwalls to 100mm Light Weight Panels	4,581.00	m2	(28.00)	-128,268.00
E	Replace 150mm Blockwalls to 150mm Light Weight Panels	11,915.00	m2	(44.00)	-524,260.00
F	Replace 200mm Blockwalls to 150mm Light Weight Panels	33,825.00	m2	(66.00)	-2,232,450.00
G	Replace 500mm Blockwalls to 150mm Light Weight Panels	3,869.00	m2	(409.00)	-1,582,421.00
H	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-104,065.41
J	Attendances		Item		
	To Collection Dhs.				5,870,596.41



PLOT-18
BILL OF QUANTITIES -
BILL NO. 3 - MASONARY WORK

BILL NO. 3
MASONARY WORK
CARRIED TO MAIN SUMMARY



DHS. 11,468,998.95



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	METALWORK STRUCTURAL STEEL BASEMENT				
	Structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all accordance with the drawings and specifications				
	Composite Columns				
	Column - Steel Tube				
A	1300mm dia - 20mm thick (In 83 Nr. 4000-4500mm long columns)				
B	1300mm dia - 25mm thick (In 56 Nr. 4500-6000mm long columns)				
C	1500mm dia - 25mm thick (In 75 Nr. 4500-5500mm long columns)				
D	1500mm dia - 30mm thick (In 8 Nr. 3500-7800mm & 36 Nr. 4000-11000mm long columns)				
	Column - Studs				Included in Podium bill
E	Size 100mm - 22mm dia				
	Column - FSBW Plates				
E	345 x 60mm thick				
	(In 4Nr. 2500-3000mm long columns)				
F	380 x 40mm thick				
	(In 40 Nr. 4500-5000mm long columns)				
G	380 x 80mm thick				
	(In 1 Nr. 500mm long columns)				
H	380 x 100mm thick				
	(In 4 Nr. 4900-20000mm long columns)				
J	380 x 125mm thick				
K	(In 6 Nr. 4900-20000mm long columns)				
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	METALWORK (CONT'D) STRUCTURAL STEEL (CONT'D) BASEMENT (CONT'D) <p>Structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all accordance with the drawings and specifications</p>				
A	Column - FSBW Plates (Cont'd) 600 x 125mm thick				
B	(In 2 Nr. 31000mm long columns) 750 x 60mm thick				
C	(In 1Nr. 2500-3000mm long columns) 750 x 80mm thick				
D	(In 4Nr. 1600mm long columns) 750 x 100mm thick				
E	(In 4Nr. 1600mm long columns) 750 x 125mm thick				
F	(In 2 Nr. 11000mm long columns) 1035 x 100mm thick				
G	(In 2Nr. 2500-3000mm long columns) 1600 x 100mm thick				
H	(In 2Nr. 2500-3000mm long columns) 400 x 125mm thick				
					Included in Podium bill
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	METALWORK (CONT'D) STRUCTURAL STEEL (CONT'D) PODIUM Structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all accordance with the drawings and specifications				
	Composite Columns				
	Column - Steel Tube				
A	1300mm dia - 20mm thick (In 83 Nr. 4000-4500mm long columns)	65.00	t	9,947.00	646,555.00
B	1500mm dia - 25mm thick (In 75 Nr. 4500-5500mm long columns)	5.00	t	9,947.00	49,735.00
	Column - Studs				
C	Size 100mmm - 22mm dia	4,199.00	Nr.	17.00	71,383.00
	Column - FSBW Plates				
D	345 x 60mm thick (In 4Nr. 2500-3000mm long columns)	10.00	t	8,289.00	82,890.00
E	600 x 125mm thick (In 2 Nr. 3100mm long columns)	74.00	t	8,289.00	613,386.00
F	750 x 80mm thick (In 4Nr. 1600mm long columns)	4.00	t	8,289.00	33,156.00
G	750 x 100mm thick (In 4Nr. 1600mm long columns)	4.00	t	8,289.00	33,156.00
H	1035 x 100mm thick (In 2Nr. 2500-3000mm long columns)	2.00	t	8,289.00	16,578.00
J	1600 x 100mm thick (In 2Nr. 2500-3000mm long columns)	4.00	t	8,289.00	33,156.00
K	Allow for Protective Treatment to all steel work as specification. Intumescent paint 3 hours	5,632.00	Item	459.00	2,585,088.00
	To Collection Dhs.				4,165,083.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>METALWORK (CONT'D)</u> <u>STRUCTURAL STEEL (CONT'D)</u> <u>RESIDENCE</u> <u>Structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all accordance with the drawings and specifications</u> <u>Composite Columns</u> <u>Column - Steel Tube</u>				
A	1300mm dia - 20mm thick (In 83 Nr. 4000-4500mm long columns)	153.00	t	9,947.00	1,521,891.00
B	1500mm dia - 30mm thick (In 8 Nr. 3500-7800mm & 36 Nr. 4000-11000mm long columns)	37.00	t	9,947.00	368,039.00
	<u>Column - Studs</u>				
C	Size 100mmm - 22mm dia	13,523.00	Nr	17.00	229,891.00
	<u>Column - FSBW Plates</u>				
D	380 x 100mm thick	22.00	t	8,289.00	182,358.00
E	380 x 125mm thick	188.00	t	8,289.00	1,558,332.00
F	750 x 125mm thick	31.00	t	8,289.00	256,959.00
G	400 x 125mm thick	26.00	t	8,289.00	215,514.00
	<u>Column - FSBW I - Section</u>				
H	1100 x 750 x 125mm thick	320.00	t	8,289.00	2,652,480.00
	<u>Column - Studs</u>				
J	Size 100mm - 20mm dia	3,408.00	Nr	17.00	57,936.00
	<u>Column - Transition Details</u>				
K	380 x 75mm thick	101.00	t	8,289.00	837,189.00
	To Collection Dhs.				7,880,589.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>METALWORK (CONT'D)</u> <u>STRUCTURAL STEEL (CONT'D)</u> <u>RESIDENCE (CONT'D)</u> <u>Column - Studs</u>				
A	Size 100mm - 22mm dia	4,480.00	Nr	22.00	98,560.00
B	<u>Beam - FSBW Plates</u> 380 x 60mm thick	83.00	t	8,289.00	687,987.00
	Residential tower level 5 plant room walls. Approx 8m high. Column and beam arrangement required to support steel louver/ dry wall (mesd. sep) construction.				
C	Steel Column	20.00	t	8,289.00	165,780.00
D	Purlin	6.00	t	7,184.00	43,104.00
	<u>200 x 200 x 16mm EA angle</u>				
E	EA angle	1.00	t	7,736.00	7,736.00
F	M20 8.8 Bolts HIL TI HIT	81.00	Nr	55.00	4,455.00
G	M16 8.8 Bolts	81.00	Nr	44.00	3,564.00
	<u>260 x 580 x 10mm Base plate</u>				
H	Base plate	27.00	Nr	111.00	2,997.00
J	M20 X 90 Anchor Bolt	108.00	Nr	44.00	4,752.00
	<u>75 x 75 x 3mm EA</u>				
K	Base plate	0.20	t	7,736.00	1,547.20
L	M12 x 100 LG G. R HEX Bolt	2,880.00	Nr	2.00	5,760.00
	<u>Steel Plates</u>				
M	25 x 40mm thick	48.00	Nr	22.00	1,056.00
	<u>Couplers</u>				
N	Full strength welded couplers to 125mm thick plate	8.00	Nr	22.00	176.00
P	Allow for Protective Treatment to all steel work as specification. Intumescent paint 3 hours	1.00	Item		Included
	To Collection Dhs.				1,027,474.20



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	METALWORK (CONT'D) STRUCTURAL STEEL (CONT'D) HOTEL Structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all accordance with the drawings and specifications <u>Column - Steel Tube</u>				
A	1300mm dia - 20mm thick (In 83 Nr. 4000-4500mm long columns)	25.00	t	9,947.00	248,675.00
B	1300mm dia - 25mm thick (In 56 Nr. 4500-6000mm long columns)	195.00	t	9,947.00	1,939,665.00
C	1500mm dia - 30mm thick (In 8 Nr. 3500-7800mm & 36 Nr. 4000-11000mm long columns)	203.00	t	9,947.00	2,019,241.00
	<u>Column - Studs</u>				
D	Size 100mmm - 22mm dia	27,006.00	no	17.00	459,102.00
	<u>Beam - FSBW Plates</u>				
E	380 x 60mm thick	113.00	t	8,289.00	936,657.00
	To Collection Dhs.				5,603,340.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	METALWORK (CONT'D) STRUCTURAL STEEL (CONT'D) HOTEL (CONT'D) <u>Structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all accordance with the drawings and specifications</u> <u>Design, fabricate and install structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all in accordance with the drawings and specifications</u> Hotel tower level 5 plant room walls. Approx 11m high. Column and beam arrangement required to support steel louver/dry wall (mesd. sep) construction.				
A	Steel Column	26.00	t	8,289.00	215,514.00
B	Purlin	8.00	t	7,184.00	57,472.00
	<u>200 x 200 x 16mm EA angle</u>				
C	EA angle	1.00	t	7,736.00	7,736.00
D	M20 8.8 Bolts HIL TI HIT	81.00	no	55.00	4,455.00
E	M16 8.8 Bolts	81.00	no	44.00	3,564.00
	<u>260 x 580 x 10mm Base plate</u>				
F	Base plate	26.00	no	111.00	2,886.00
G	M20 X 90 Anchor Bolt	104.00	no	44.00	4,576.00
	<u>75 x 75 x 3mm EA</u>				
H	Base plate	0.22	t	7,736.00	1,701.92
J	M12 x 100 LG G. R HEX Bolt	3,468.00	no	2.00	6,936.00
K	<u>Allow for Protective Treatment to all steel work as specification. Intumescent paint 3 hours</u>	1.00	Item		Included
	To Collection Dhs.				304,840.92



PLOT-18

BILL OF QUANTITIES -

BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	METALWORK (CONT'D) STRUCTURAL STEEL (CONT'D) <u>Additional Items</u> <u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u> <u>Quantities change as per revised drawings</u>				
A	FSBW plates from column C6 AND C16	(190.00)	t	8,289.00	-1,574,910.00
	VALUE ENGINEERING				
B	Item 1:- Ballroom Composite Columns	1.00	Item	-2,652,675	-2,652,675.00
C	Item 2:- Reductions in Typical SSL to SSL Heights	1.00	Item	-520,415	-520,415.00
H	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-128,634.41
J	Attendances		Item		
	To Collection Dhs.				-4,876,634.41



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 4 - STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	STRUCTURAL STEEL (CONT'D)				
	<u>COLLECTION</u>				
	Page No. 4/1				
	Page No. 4/2				
	Page No. 4/3				4,165,083.00
	Page No. 4/4				7,880,589.00
	Page No. 4/5				1,027,474.20
	Page No. 4/6				5,603,340.00
	Page No. 4/7				304,840.92
	Page No. 4/8				-4,876,634.41
				DHS.	14,104,692.71

BILL NO. 4
 STRUCTURAL STEEL
CARRIED TO MAIN SUMMARY



PLOT-18

BILL OF QUANTITIES -

BILL NO. 5 - NON STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>NON STRUCTURAL METAL WORKS</u>				
	<u>Handrail</u>				
	<u>Floor mounted metal handrail comprising balusters; handrail, mid rail and bottom rail including painting fixed to staircase with necessary accessories in accordance with drawings and specification</u>				
A	To Stair 1 to10	2,151.00	m	553.00	1,189,503.00
	<u>Wall mounted metal handrail including painting fixed to wall with necessary accessories in accordance with drawings and specification</u>				
B	To Stair 1 to10	1,736.00	m	166.00	288,176.00
	<u>Access ladders complete including all necessary fabrication, fixings, grab rails, decoration and the like in accordance with drawings and specification.</u>				
C	Galvanized steel ladder to lift pits		Nr		Included below
D	Galvanized steel ladder in roof level		Nr		Included below
E	GRP ladder to water tanks		Nr		Included below
	<u>Supply and fixing of chequered plate including all necessary fabrication, fixings, grab rails, decoration and the like in accordance with drawings and specification.</u>				
F	Chequered plate in LV rooms cable trench	25.00	m2	718.00	17,950.00
	To Collection Dhs.				1,495,629.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 5 - NON STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	NON STRUCTURAL METAL WORKS (Cont'd)				
	<u>Design, fabricate and install structural steelwork with welded and bolted connections including required fixings, fittings wedging and grouting, holding down bolts and the like all in accordance with the drawings and specifications</u>				
A	Basement 1 CEF ventilation shaft horizontal grating	162.00	m2	884.00	143,208.00
B	Ground level intake and extract horizontal grating	110.00	m2	884.00	97,240.00
C	Kitchen extract risers on Serviced apartment levels (Gnd to Level 31)	542.00	m2	884.00	479,128.00
	To Collection Dhs.				719,576.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 5 - NON STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	NON STRUCTURAL METAL WORKS (Cont'd) <u>Additional Items</u> The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained. Access ladders complete including all necessary fabrication, fixings, grab rails, decoration and the like in accordance with drawings and specification.				
A	Galvanized steel ladder to lift pits - 2800 mm high	1.00	Nr	4,023.00	4,023.00
B	Ditto, but 2900mm high	2.00	Nr	4,167.00	8,334.00
C	Ditto, but 3300mm high	1.00	Nr	4,741.00	4,741.00
D	Ditto, but 5100mm high	1.00	Nr	7,328.00	7,328.00
E	Ditto, but 5300mm high	4.00	Nr	7,615.00	30,460.00
F	Ditto, but 5400mm high	5.00	Nr	7,759.00	38,795.00
G	Galvanized steel ladder in roof level - 3700 mm high	2.00	Nr	5,316.00	10,632.00
H	Ditto, but 4500mm high	2.00	Nr	6,465.00	12,930.00
J	Ditto, but 5600mm high	1.00	Nr	8,046.00	8,046.00
K	Ditto, but 7500mm high	3.00	Nr	10,776.00	32,328.00
L	Extra over for chequer plate platform	2.48	m2	718.00	1,780.64
M	GRP ladder to water tanks - 4050 mm high	8.00	Nr	2,686.00	21,488.00
N	Ditto, but 4250mm high	8.00	Nr	2,818.00	22,544.00
	To Collection Dhs.				203,429.64



PLOT-18

BILL OF QUANTITIES -

BILL NO. 5 - NON STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	NON STRUCTURAL METAL WORKS (Cont'd)				
	Additional Items (Cont'd)				
	<u>Steel Cat walk including all necessary fixings, fittings, accessories etc., complete as per Drg. No. A-4006</u>				
A	To level 29 & 30	169.00	m2	1,989.00	336,141.00
	<u>Steel stair including landing, steps, stringer, handrail and all necessary fixings, fittings, accessories etc., complete as per Drg. No. A-4007</u>				
B	900mm wide, 1600mm high, 10nos of steps with 1no.of landing of size 1800 x 900mm	1.00	Nr	8,842.00	8,842.00
C	900mm wide, 1900mm high, 12nos of steps with 1no.of landing of size 900 x 900mm	1.00	Nr	11,052.00	11,052.00
D	Extra over for 1200mm high handrail	10.00	m	608.00	6,080.00
	<u>Scissors lift including handrail and all necessary accessories etc., complete all in accordance with the Drg. No. A-1213</u>				
E	Size 1900 x 2150mm	3.00	Nr	59,681.00	179,043.00
	<u>50mm dia. Stainless Steel Bicycle Rack of Size 750mm x 750mm including all necessary fixings, fittings, accessories etc., complete as per Drg. No. A-6511</u>				
F	Faced fixed bicycle rack	26.00	Nr	774.00	20,124.00
G	Root fixed bicycle rack	35.00	Nr	884.00	30,940.00
	<u>Bollards</u>				
	<u>150mm dia. Steel Bollards of 900mm high including all necessary fixings, fittings, accessories etc., complete as per Drg. No. A-6511</u>				
H	Bollards	109.00	Nr	884.00	96,356.00
	To Collection Dhs.				688,578.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 5 - NON STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>NON STRUCTURAL METAL WORKS (Cont'd)</u>				
	<u>Additional Items (Cont'd)</u>				
	<u>Access hatch including all necessary fixings, fittings, accessories etc., complete as per Drg. No. A-4122</u>				
A	Size 600mm(W) x 800mm(H), to water tank	5.00	Nr	796.00	3,980.00
B	Size 700mm(W) x 800mm(H), to water tank	8.00	Nr	928.00	7,424.00
C	Size 800mm(W) x 800mm(H)	1.00	Nr	1,061.00	1,061.00
D	Size 900mm(W) x 800mm(H), to CEF shaft	1.00	Nr	1,194.00	1,194.00
E	Size 1000mm(W) x 800mm(H), to CEF shaft	1.00	Nr	1,326.00	1,326.00
	<u>Heavy duty ramp grating including all necessary fixings, fittings, accessories etc., complete as per Drg. No. A-6511</u>				
F	400mm wide	26.00	m	608.00	15,808.00
	<u>Grating including all necessary accessories etc., complete all in accordance with the Drg. No. A-1213</u>				
G	To loading dock, 500mm wide	11.00	m	663.00	7,293.00
	<u>Access gate including all necessary fixings, fittings, accessories etc., complete as per Drg. No. A-1218</u>				
H	Size 1200 x 1300mm high	1.00	Nr	2,210.00	2,210.00
	To Collection Dhs.				40,296.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 5 - NON STRUCTURAL METAL WORKS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	NON STRUCTURAL METAL WORKS (Cont'd)				
	Additional Items (Cont'd)				
A	<u>3mm thick stainless steel angle strip including all necessary fittings, fixing, accessories etc., complete as per Drg. No. A-6516, detail-01</u>	31.00	m	77.00	2,387.00
A	To floor <u>Stainless steel angle strip including all necessary fittings, fixing, accessories etc., complete as per Drg. No. A-6516, detail-06</u>	14.00	m	77.00	1,078.00
B	To floor <u>Metal angle stainless steel astrip including all necessary fittings, fixing, accessories etc., complete as per Drg. No. A-6516, detail-07</u>	6.00	m	77.00	462.00
C	To floor				
D	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.				-200,000.00
E	Attendances		Item		
	To Collection Dhs.				-196,073.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 5 - NON STRUCTURAL METAL WORKS

BILL NO. 5
NON STRUCTURAL METAL WORKS
CARRIED TO MAIN SUMMARY



DHS. 2,951,435.64



PLOT-18

BILL OF QUANTITIES -

BILL NO. 6 - THERMAL AND MOISTURE PROTECTION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	THERMAL AND MOISTURE PROTECTION <u>The scope of Works included in this bill shall be in accordance with the "Thermal, Moisture & Screed" section of the document reference "Main Contractor's Scope of Works"</u> <u>Composite waterproofing system and insulation to roof comprising proprietary lightweight aggregate, polyethylene membrane roof covering, rigid insulation, filter layer, stone ballast including skirting/overlapping with aluminum flashings as drawing A-6513 section detail 1 and 2</u>				
A	Roof waterproofing system <u>Basement wet areas and podium areas in 10th, 17th, 23rd and 29th Levels</u> <u>Composite waterproofing system and insulation comprising cold applied waterproofing membrane, rigid insulation, filter layer, sand cement level screed as drawing A-6522 section detail 8</u>	1,359.00	m2	231.23	314,245.79
B	Basement wet areas and podium areas <u>Balconies/Terraces</u> <u>Composite waterproofing system and insulation to balconies and terraces in accordance with the specifications and drawings</u>	3,161.00	m2	135.23	427,471.84
C	Cold applied waterproofing membrane	9,279.00	m2	33.23	308,369.97
D	25mm rigid insulation	9,279.00	m2	23.23	215,579.97
E	Filter layer	9,279.00	m2	3.00	27,837.00
F	Screed (unbonded) to falls, minimum of 75-100mm thick <u>Podium areas in Ground, 2nd, 4th, Levels</u>	9,279.00	m2	46.23	428,996.97
G	Cold applied waterproofing membrane	16,935.00	m2	33.23	562,802.61
H	Filter layer	16,935.00	m2	3.00	50,805.00
J	Screed (unbonded) to falls, minimum of 75-100mm thick	16,935.00	m2	46.23	782,957.61
	To Collection Dhs.				3,119,066.75



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 6 - THERMAL AND MOISTURE PROTECTION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	THERMAL AND MOISTURE PROTECTION (Cont'd)				
	Insulation				
	The insulation details given on the drawings and schedule of rates are general only as per the guide lines issued by Dubai Municipality. The Contractor shall ensure that Dubai Municipality regulations are complied				
A	Thermal insulation as the specification and drawings	15,825.00	m2	205.76	3,256,198.72
	Waterproofing of Internal side of water tanks				
B	GRP lining	3,472.00	m2	201.23	698,681.34
	Waterproofing of wet areas				
	Floor Screed				
	Minimum 50mm thick cement sand floor screed to wet areas in White Box areas including self leveling compound, mesh, all in accordance with drawings and specifications				
C	Bathrooms and toilets in Hotel tower suites	3,448.00	m2		Included in BOH finishes
D	Bathrooms and toilets in Apartment tower suites and penthouses	2,275.00	m2		Included in BOH finishes
E	Ground, 2nd and 4th level public toilets	164.00	m2		Included in BOH finishes
	Waterproofing to wet areas (floor/wall) in White Box areas all in accordance with drawings and specifications				
F	Bathrooms and toilets in Hotel tower suites	13,329.00	m2	48.23	642,899.04
G	Bathrooms and toilets in Apartment tower suites and penthouses	9,400.00	m2	48.23	453,391.17
H	Ground, 2nd and 4th level public toilets	642.00	m2	48.23	30,965.65
	To Collection Dhs.				5,082,135.92



PLOT-18

BILL OF QUANTITIES -

BILL NO. 6 - THERMAL AND MOISTURE PROTECTION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	THERMAL AND MOISTURE PROTECTION (Cont'd)				
	<u>Additional Items</u>				
	<u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	<u>Composite waterproofing system and insulation to roof comprising proprietary lightweight aggregate, polyethylene membrane roof covering, rigid insulation, filter layer, stone ballast including skirting/overlapping with aluminum flashings as drawing A-6513 section detail 1 and 2</u>				
A	Roof waterproofing system - Extra over for aluminium flashings with sealant	57.00	m	52.23	2,977.29
	<u>Composite waterproofing system and insulation comprising cold applied waterproofing membrane, rigid insulation, filter layer, sand cement level screed as drawing A-6522 section detail 8</u>				
	<u>Podium areas in Ground, 2nd, 4th, Levels</u>				
B	50mm rigid insulation	16,935.00	m2	46.23	782,957.61
	To Collection Dhs.				785,934.89



PLOT-1B
 BILL OF QUANTITIES -
 BILL NO. 6 - THERMAL AND MOISTURE PROTECTION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>THERMAL AND MOISTURE PROTECTION (Cont'd)</u>				
	<u>Additional Items (Cont'd)</u>				
	<u>Waterproofing to wet areas (floor/wall) in OTHER areas all in accordance with drawings and specifications</u>				
A	Other areas in Hotel tower suites	1,329.00	m2	48.23	64,101.79
B	Other areas in Apartment tower suites and penthouses	5,584.00	m2	48.23	269,333.65
C	Other areas Ground, 2nd and 4th level	950.00	m2	48.23	45,821.45
	<u>VALUE ENGINEERING</u>				
	<u>Client VE Items</u>				
D	Remove all Hotel Balconies. Delete all Hotel Balconies off the East elevation (front side) of the building	(2,058.00)	m2	99.00	-203,742.00
	<u>RC VE Items</u>				
E	Delete Insulation to underside of Soffit to all Balconies	6,959.00	m2	-199.00	-1,384,841.00
F	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-1,000,000.00
G	Attendances		Item		
	To Collection Dhs.				-2,209,326.11



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 6 - THERMAL AND MOISTURE PROTECTION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>THERMAL AND MOISTURE PROTECTION (Cont'd)</u>				
	<u>COLLECTION</u>				
	Page No. 6/1				3,119,066.75
	Page No. 6/2				5,082,135.92
	Page No. 6/3				785,934.89
	Page No. 6/4				-2,209,326.11
	BILL NO. 6 THERMAL AND MOISTURE PROTECTION CARRIED TO MAIN SUMMARY			DHS.	6,777,811.45



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS</u>				
	<u>Steel Door</u>				
	<u>Steel doors complete with frames, sub frames, transoms, stops, ironmongeries, insulation, protective and decorative coatings all in accordance with the drawings and specifications.</u>				
	<u>Basement 2 - BSBG scope</u>				
	<u>Fire rated doors</u>				
A	Type D-01, Size 1000mm x 2400mm, insulated, one hour fire rated,	1	Nr.	2,332.00	2,332.00
B	Type D-01, Size 1200mm x 2400mm, insulated, one hour fire rated.		Nr.		
C	Type D-01, Size 900mm x 2100mm, one and half hour fire rated,	3	Nr.	1,973.00	5,919.00
D	Type D-01, Size 1200mm x 2400mm, one and half hour fire rated,		Nr.		
E	Type D-01, Size 900mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
F	Type D-01, Size 1000mm x 2400mm, insulated, one and half hour fire rated,	9	Nr.	2,332.00	20,988.00
G	Type D-01, Size 1100mm x 2100mm, insulated, one and half hour fire rated,	1	Nr.	2,332.00	2,332.00
H	Type D-01, Size 1100mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
J	Type D-01, Size 1200mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
	To Collection Dhs.				31,571.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	Steel Door (Cont'd)				
	Basement 2 - BSBG scope (Cont'd)				
	Fire rated doors (Cont'd)				
A	Type D-02, Size 1200mm x 2200mm, one hour fire rated,		Nr.		
B	Type D-02, Size 1800mm x 2400mm, insulated, one hour fire rated,		Nr.		
C	Type D-02, Size 2000mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
D	Type D-02, Size 2900mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
E	Type D-03, Size 1000mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
F	Type D-03, Size 1100mm x 2100mm, insulated, one and half hour fire rated,		Nr.		
G	Type D-03, Size 1100mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
H	Type D-03, Size 1200mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
J	Type D-03, Size 1200mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
K	Type D-04, Size 1200mm x 2100mm, insulated, one fire rated,		Nr.		
L	Type D-04, Size 1200mm x 2100mm, insulated, one fire rated with vision panel,	4	Nr.	2,641.00	10,564.00
M	Type D-04, Size 1200mm x 2400mm, insulated, one hour fire rated with vision panel,		Nr.		
N	Type D-05, Size 1800mm x 2400mm, one and half hour fire rated with vision panel,		Nr.		
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Steel Door (Cont'd)</u>				
	<u>Basement 1 - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
A	Type D-05, Size 1900mm x 2400mm with vision panel,		Nr.		
	<u>Fire rated doors</u>				
B	Type D-01, Size 1000mm x 2400mm, insulated, one hour fire rated,	1	Nr.	2,332.00	2,332.00
C	Type D-01, Size 1200mm x 2400mm, insulated, one hour fire rated,		Nr.		
D	Type D-01, Size 1000mm x 2400mm, one and half hour fire rated,		Nr.		
E	Type D-01, Size 1000mm x 2400mm, insulation-TBC, one and half hour fire rated,	1	Nr.	2,332.00	2,332.00
F	Type D-01, Size 900mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
G	Type D-01, Size 1000mm x 2400mm, insulated, one and half hour fire rated,	17	Nr.	2,332.00	39,644.00
H	Type D-01, Size 1100mm x 2100mm, insulated, one and half hour fire rated,	1	Nr.	2,332.00	2,332.00
J	Type D-01, Size 1100mm x 2400mm, one and half hour fire rated,	1	Nr.	2,548.00	2,548.00
K	Type D-01, Size 1200mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
L	Type D-02, Size 1800mm x 2400mm, insulated, one Hour fire rated,	1	Nr.	3,769.00	3,769.00
M	Type D-01, Size 1800mm x 2400mm, one and half hour fire rated,		Nr.		
N	Type D-01, Size 2000mm x 2400mm, one and half hour fire rated,		Nr.		
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Steel door (Cont'd)</u>				
	<u>Basement 1 - BSBG scope (Cont'd)</u>				
	<u>Fire rated doors (Cont'd)</u>				
A	Type D-02, Size 800mm x 1000mm, insulated, one and half hour fire rated,		Nr.		
B	Type D-01, Size 1800mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
C	Type D-01, Size 2000mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
D	Type D-03, Size 1100mm x 2100mm, one and half hour fire rated,		Nr.		
E	Type D-03, Size 1000mm x 2400mm, one and half hour fire rated with vision panel,		Nr.		
F	Type D-03, Size 1100mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
G	Type D-03, Size 1200mm x 2400mm, one and half hour fire rated with vision panel,	2	Nr.	2,857.00	5,714.00
H	Type D-03, Size 1200mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
J	Type D-04, Size 1200mm x 2400mm, insulated, one hour fire rated with vision panel,	1	Nr.	2,857.00	2,857.00
K	Type D-05, Size 1900mm x 2400mm, insulated, one hour fire rated with vision panel,	1	Nr.	3,912.00	3,912.00
L	Type D-05, Size 2000mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Steel door (Cont'd)</u>				
	<u>Basement 1 - Fondue scope</u>				
	<u>Non-fire rated</u>				
A	Type D-01, Size 750mm x 2100mm,	1	Nr.	1,757.00	1,757.00
B	Type D-01, Size 1000mm x 2400mm, insulated,	1	Nr.	2,332.00	2,332.00
C	Type D-02, Size 1450mm x 2100mm, insulated,	1	Nr.	2,835.00	2,835.00
D	Type D-05, Size 1700mm x 2400mm with vision panel,		Nr.		
E	Type D-05, Size 1800mm x 2400mm with vision panel,	2	Nr.	3,769.00	7,538.00
F	Type D-05, Size 2100mm x 2100mm with vision panel,	2	Nr.	3,984.00	7,968.00
G	Type D-05, Size 2100mm x 2400mm with vision panel,	1	Nr.	4,272.00	4,272.00
H	Type D-13, Size 900mm x 2100mm,		Nr.		
J	Type D-13, Size 900mm x 2100mm and vision panel to be conformed,		Nr.		
	<u>Fire rated doors</u>				
K	Type D-01, Size 900mm x 2100mm one hour fire rated,		Nr.		
L	Type D-01, Size 800mm x 2400mm one and half hours fire rated,		Nr.		
M	Type D-01, Size 1000mm x 2400mm one and half hours fire rated,		Nr.		
N	Type D-01, Size 1200mm x 2400mm, one and half hours fire rated,		Nr.		
P	Type D-02, Size 1500mm x 2400mm, insulated, one hour fire rated,	1	Nr.	3,194.00	3,194.00
Q	Type D-02, Size 1700mm x 2400mm, one and half hour fire rated,		Nr.		
	To Collection Dhs.				29,896.00

PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Steel door (Cont'd)</u>				
	<u>Basement 1 - Fondue scope (Cont'd)</u>				
	<u>Fire rated doors (Cont'd)</u>				
A	Type D-02, Size 1900mm x 2400mm, one and half hour fire rated,		Nr.		
B	Type D-02, Size 1700mm x 2400mm, insulated, one and half hour fire rated,		Nr.		
C	Type D-03, Size 1000mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
D	Type D-03, Size 1200mm x 2400mm, one and half hour fire rated, with vision panel,		Nr.		
E	Type D-09, Size 1700mm x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
F	Type D-09, Size 1900mm x 2400mm, insulation, one and half hour fire rated with vision panel,		Nr.		
G	Type D-13, Size 2300mm x 2500mm, one hour fire rated and vision panel to be conformed,		Nr.		
H	Type D-17, Size 2300mm x 2500mm, insulated, one hour fire rated,		Nr.		
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Steel door (Cont'd)</u>				
	<u>Ground level - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
A	Type D-01, Size 800mm x 2400mm,	1	Nr.	1,757.00	1,757.00
B	Type D-01, Size 1000mm x 2400mm,	1	Nr.	2,332.00	2,332.00
C	Type D-01, Size 1200mm x 2400mm,		Nr.		
D	Type D-02, Size 2100mm x 2400mm,	2	Nr.	4,272.00	8,544.00
E	Type D-03, Size 1000mm x 2400mm with vision panel,		Nr.		
F	Type D-09, Size 1450mm x 2100mm,	1	Nr.	2,332.00	2,332.00
G	Type D-12, Size 1200mm x 2400mm with vision panel,	1	Nr.	2,586.00	2,586.00
	<u>Fire rated doors</u>				
H	Type D-01, Size 900mm x 2100mm, one hour fire rated,	1	Nr.	1,973.00	1,973.00
J	Type D-01, Size 1100mm x 2400mm, one hour fire rated,		Nr.		
K	Type D-01, Size 1200mm x 2400mm, one hour fire rated,		Nr.		
L	Type D-01, Size 900mm x 2100mm, one and half hour fire rated,	2	Nr.	1,973.00	3,946.00
M	Type D-01, Size 1000mm x 2400mm, one and half hour fire rated,	1	Nr.	2,332.00	2,332.00
N	Type D-01, Size 1200mm x 2200mm, one and half hour fire rated,		Nr.		
P	Type D-01, Size 1200mm x 2400mm, one and half hour fire rated,	1	Nr.	2,691.00	2,691.00
Q	Type D-01, Size 1200mm x 2400mm, one and half hour fire rated with vision panel,	1	Nr.	2,802.00	2,802.00
	To Collection Dhs.				



31,295.00

PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Steel door (Cont'd)</u>				
	<u>Ground level - BSBG scope (Cont'd)</u>				
A	Type D-03, Size 1200mm x 2400mm, one and half hour fire rated with vision panel,	2	Nr.	2,802.00	5,604.00
B	Type D-09, Size 1800mm x 2400mm, one and half hour fire rated with vision panel,	1	Nr.	3,879.00	3,879.00
C	Type D-09, Size 2100mm x 2400mm, one and half hour fire rated with vision panel,	1	Nr.	4,272.00	4,272.00
D	Type D-12, Size 1200mm x 2400mm, one hour fire rated with vision panel,	1	Nr.	2,802.00	2,802.00
	<u>Level 01 to 5 BSBG scope</u>				
	<u>Fire rated doors</u>				
E	Type D-01, Size 900mm x 2100mm, one hour fire rated,	4	Nr.	1,973.00	7,892.00
F	Type D-01, Size 1100mm x 2400mm, one hour fire rated,		Nr.		
G	Type D-01, Size 1100mm x 2100mm, one hour fire rated,	4	Nr.	2,332.00	9,328.00
H	Type D-01, Size 900mm x 2100mm, one and half hour fire rated,	9	Nr.	1,973.00	17,757.00
J	Type D-01, Size 1000mm x 2100mm, one and half hour fire rated,	2	Nr.	2,116.00	4,232.00
K	Type D-01, Size 1000mm x 2400mm, one and half hour fire rated,		Nr.		
L	Type D-01, Size 1200mm x 2200mm, one and half hour fire rated,		Nr.		
	To Collection Dhs.				55,766.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Steel door (Cont'd)</u>				
	<u>Level 01 to 5 BSBG scope (Cont'd)</u>				
	<u>Fire rated doors (Cont'd)</u>				
A	Type D-01, Size 1200mm x 2100mm, one and half hour fire rated,	4	Nr.	2,476.00	9,904.00
B	Type D-03, Size 1100mm x 2100mm, one and half hour fire rated with vision panel,	6	Nr.	2,443.00	14,658.00
C	Type D-03, Size 1100mm x 2400mm, one and half hour fire rated with vision panel,	1	Nr.	2,658.00	2,658.00
D	Type D-03, Size 1200mm x 2100mm, one and half hour fire rated with vision panel,	9	Nr.	2,586.00	23,274.00
E	Type D-03, Size 1200mm x 2400mm, one and half hour fire rated with vision panel,	3	Nr.	2,802.00	8,406.00
	To Collection Dhs.				58,900.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	Steel door (Cont'd)				
	<u>Level 01 - 05 - Fondue scope</u>				
	<u>Non-fire rated doors</u>				
A	Type D-12, Size 1100mm x 2400mm,	1	Nr.	2,548.00	2,548.00
B	Type D-13, Size 1510mm x 2110mm,		Nr.		
	<u>Fire rated doors</u>				
C	Type D-01, Size 900mm x 2100mm, one and half fire rated,	4	Nr.	1,973.00	7,892.00
D	Type D-01, Size 1000mm x 2100mm, one and half fire rated,	5	Nr.	2,116.00	10,580.00
E	Type D-01, Size 1200mm x 2400mm, one and half fire rated,		Nr.		
F	Type D-03, Size 1100mm x 2100mm, one and half fire rated with vision panel,	1	Nr.	2,443.00	2,443.00
G	Type D-03, Size 1100mm x 2400mm, one and half hour fire rated with vision panel,	1	Nr.	2,658.00	2,658.00
H	Type D-03, Size 1100mm x 2100mm, one and half hour fire rated with vision panel,		Nr.		
J	Type D-12, Size 1100mm x 2400mm, one fire rated with vision panel,		Nr.		
K	Type D-01, Size 900mm x 2100mm, one and half fire rated,		Nr.		
L	Type D-17, Size 2500mm x 2100mm, one hour fire rated,		Nr.		
M	Type D-17, Size 3050mm x 2500mm, one hour fire rated,		Nr.		
	To Collection Dhs.				26,121.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Steel door (Cont'd)</u>				
	<u>Level 06 - 32 (Service Apartment Back of House) - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
A	Type D-01, Size 1200 x 2100mm, insulated,	2	Nr.	2,548.00	5,096.00
B	Type D-01, Size 1000 x 2100mm, insulated,	2	Nr.	2,188.00	4,376.00
C	Type D-03a, Size 1200 x 2100mm with vision panel,		Nr.		
	<u>Fire rated doors</u>				
D	Type D-01, Size 900 x 2100mm, one fire rated,	25	Nr.	1,973.00	49,325.00
E	Type D-01, Size 900 x 2100mm, one and half fire rated,	27	Nr.	1,973.00	53,271.00
F	Type D-01, Size 1200 x 2100mm, one and half fire rated,	26	Nr.	2,476.00	64,376.00
G	Type D-02, Size 1650 x 2100mm, one and half fire rated,	1	Nr.	3,050.00	3,050.00
H	Type D-03a, Size 1200 x 2100mm, one and half fire rated with vision panel,	83	Nr.	2,586.00	214,638.00
	<u>Level 07 - 30 (Hotel Back of House) - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
J	Type D-01, Size 900 x 2100mm,	48	Nr.	1,973.00	94,704.00
K	Type D-01, Size 1200 x 2100mm,	26	Nr.	2,476.00	64,376.00
L	Type D-02, Size 1800 x 2400mm,	1	Nr.	3,769.00	3,769.00
	To Collection Dhs.				556,981.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit	Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)			
	<u>Steel door (Cont'd)</u>			
	<u>Level 07 - 30 (Hotel Back of House) - BSBG scope</u>			
	<u>Fire rated doors</u>			
A	Type D-01, Size 900 x 2100mm, one hour fire rated,		Nr.	
B	Type D-01, Size 1000 x 2100mm, one hour fire rated,		Nr.	
C	Type D-01, Size 900 x 2100mm, one and half fire rated,		Nr.	
D	Type D-01, Size 1000 x 2100mm, one and half fire rated,		Nr.	
E	Type D-01, Size 1200 x 2100mm, one and half fire rated,		Nr.	
F	Type D-01, Size 1300 x 2100mm, one and half fire rated,		Nr.	
G	Type D-01, Size 1000 x 2100mm, one and half fire rated, insulation - TBC,		Nr.	
H	Type D-01, Size 1300 x 2100mm, one and half fire rated insulation - TBC,		Nr.	
J	Type D-03a, Size 1100 x 2100mm, one and half fire rated with vision panel,		Nr.	
	To Collection Dhs.			



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items</u>				
	<u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	<u>Steel door</u>				
	<u>Fire Rated</u>				
A	Type D-01, Size 1200mm x 2100mm, insulated, one hour fire rated,	1	Nr.	2,586.00	2,586.00
B	Type D-01, Size 1200mm x 2100mm, one and half hour fire rated,	1	Nr.	2,476.00	2,476.00
C	Type D-01, Size 900mm x 2100mm, insulated, one and half hour fire rated,	1	Nr.	1,973.00	1,973.00
D	Type D-01, Size 1200mm x 2100mm, insulated, one and half hour fire rated,	1	Nr.	2,476.00	2,476.00
E	Type D-02, Size 1200mm x 2100mm, one hour fire rated,	1	Nr.	2,476.00	2,476.00
F	Type D-02, Size 2000mm x 2100mm, one and half hour fire rated,	1	Nr.	3,625.00	3,625.00
G	Type D-02, Size 2900mm x 2100mm, insulated, one and half hour fire rated,	1	Nr.	4,973.00	4,973.00
H	Type D-03, Size 1000mm x 2100mm, one and half hour fire rated with vision panel,	1	Nr.	2,227.00	2,227.00
J	Type D-03, Size 1100mm x 2100mm, insulated, one and half hour fire rated with vision panel,	5	Nr.	2,443.00	12,215.00
K	Type D-03, Size 1200mm x 2100mm, insulated, one and half hour fire rated with vision panel,	7	Nr.	2,586.00	18,102.00
	To Collection Dhs.				



53,129.00

PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items (Cont'd)</u>				
	<u>Steel door (Cont'd)</u>				
A	Type D-01, Size 1000mm x 2100mm, one and half hour fire rated.	2	Nr.	2,116.00	4,232.00
B	Type D-01, Size 1000mm x 2400mm, one and half hour fire rated.	6	Nr.	2,332.00	13,992.00
C	Type D-02, Size 2000mm x 2100mm, one hour fire rated.	1	Nr.	3,625.00	3,625.00
	<u>Basement 1 - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
D	Type AH-04, Size 800mm x 1000mm	1	Nr.	1,829.00	1,829.00
	<u>Fire rated doors</u>				
E	Type D-01, Size 1200mm x 2100mm, insulated, one hour fire rated,	1	Nr.	2,586.00	2,586.00
F	Type D-01, Size 1000mm x 2100mm, one and half hour fire rated,	1	Nr.	2,116.00	2,116.00
G	Type D-01, Size 900mm x 2100mm, insulated, one and half hour fire rated,	1	Nr.	1,973.00	1,973.00
H	Type D-01, Size 1200mm x 2100mm, insulated, one and half hour fire rated,	1	Nr.	2,476.00	2,476.00
J	Type D-02, Size 2000mm x 2400mm, one and half hour fire rated,	4	Nr.	4,056.00	16,224.00
K	Type D-02, Size 1800mm x 2400mm, insulated, one and half hour fire rated,	6	Nr.	3,769.00	22,614.00
L	Type D-02, Size 2000mm x 2400mm, insulated, one and half hour fire rated,	2	Nr.	4,056.00	8,112.00
	To Collection Dhs.				79,779.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Additional Items (Cont'd)</u>				
	<u>Steel door (Cont'd)</u>				
A	Type D-03, Size 1100mm x 2100mm, one and half hour fire rated with vision panel.	2	Nr.	2,443.00	4,886.00
B	Type D-03, Size 1100mm x 2100mm, insulated, one and half hour fire rated with vision panel.	3	Nr.	2,443.00	7,329.00
C	Type D-03, Size 1200mm x 2400mm, insulated, one and half hour fire rated with vision panel.	5	Nr.	2,802.00	14,010.00
D	Type D-01, Size 900mm x 2100mm, one and half hour fire rated,	1	Nr.	1,973.00	1,973.00
E	Type D-01, Size 1200mm x 2100mm, one and half hour fire rated,	1	Nr.	2,476.00	2,476.00
F	Type D-03, Size 1200mm x 2100mm, one and half hour fire rated with vision panel.	1	Nr.	2,586.00	2,586.00
G	Type D-05, Size 1700mm x 2100mm, insulated, one and half hour fire rated with vision panel.	1	Nr.	3,415.00	3,415.00
	<u>Non-fire rated</u>				
H	Type D-02, Size 1500mm x 2100mm,	1	Nr.	2,907.00	2,907.00
J	Type D-02, Size 1700mm x 2100mm,	1	Nr.	3,194.00	3,194.00
K	Type D-02, Size 1900mm x 2100mm, insulated.	2	Nr.	3,481.00	6,962.00
L	Type D-09, Size 1700mm x 2400mm, insulated, with vision panel.	1	Nr.	3,774.00	3,774.00
M	Type D-09, Size 1900mm x 2400mm, insulated, with vision panel.	2	Nr.	3,912.00	7,824.00
	<u>Fire rated doors</u>				
N	Type D-13, Size 900mm x 2100mm, insulated, one hour fire rated,	1	Nr.	1,973.00	1,973.00
	To Collection Dhs.				63,309.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items (Cont'd)</u>				
	<u>Steel door (Cont'd)</u>				
A	Type D-13, Size 900mm x 2100mm, insulated, one hour fire rated, with vision panel.	5	Nr.	2,083.00	10,415.00
	<u>Ground level - BSBG scope</u>				
	<u>Fire rated doors</u>				
B	Type D-01, Size 1100mm x 2100mm, one hour fire rated.	1	Nr.	2,332.00	2,332.00
C	Type D-01, Size 1200mm x 2100mm, one hour fire rated.	1	Nr.	2,476.00	2,476.00
D	Type D-01, Size 1200mm x 2100mm, one and half hour fire rated.	1	Nr.	2,476.00	2,476.00
E	Type D-03, Size 1200mm x 2100mm, one and half hour fire rated, with vision panel.	10	Nr.	2,586.00	25,860.00
	<u>Non-fire rated</u>				
F	Type D-01, Size 900mm x 2100mm, insulated.	1	Nr.	1,973.00	1,973.00
	<u>Fire rated doors</u>				
G	Type D-01, Size 1200mm x 2400mm, one and half hour fire rated,	2	Nr.	2,691.00	5,382.00
H	Type D-02, Size 2100mm x 2400mm, insulated, one and half hour fire rated.	1	Nr.	4,272.00	4,272.00
J	Type D-03, Size 1100mm x 2100mm, one hour fire rated,	1	Nr.	2,267.00	2,267.00
K	Type D-03, Size 1100mm x 2100mm, insulated, one and half hour fire rated, with vision panel.	2	Nr.	2,443.00	4,886.00
	To Collection Dhs.				



62,339.00

PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items (Cont'd)</u>				
	Steel door (Cont'd)				
A	Type D-03, Size 1200mm x 2100mm,insulated,one and half hour fire rated, with vision panel.	7	Nr.	2,586.00	18,102.00
	<u>Level 01 - 05 - Fondue scope</u>				
	Non-fire rated doors				
B	Type D-13, Size 900mm x 2100mm, insulated.	2	Nr.	1,973.00	3,946.00
	Fire rated doors				
C	Type D-01, Size 1200mm x 2100mm, one and half hour fire rated.	4	Nr.	2,476.00	9,904.00
D	Type D-12, Size 1100mm x 2100mm, one hour fire rated, with vision panel.	1	Nr.	2,443.00	2,443.00
	<u>Level 07 - 30 (Hotel Back of House) - BSBG scope</u>				
	Non-fire rated doors				
E	Type D-01, Size 1000 x 2100mm,	30	Nr.	2,116.00	63,480.00
F	Type D-03, Size 1100 x 2100mm,	23	Nr.	2,332.00	53,636.00
	<u>VALUE ENGINEERING</u>				
	<u>RC VE Items</u>				
G	Grouting from Steel doors, Replace with Rockwool fill (done by the Steel Doors Subcontractor)	525	Nr.	-177.00	-92,925.00
H	<u>Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.</u>		Item		
J	Attendances		Item		
	To Collection Dhs.				58,586.00

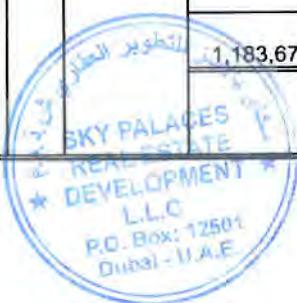


PLOT-18
BILL OF QUANTITIES -
BILL NO. 7 - DOORS AND WINDOWS

**BILL NO. 7A
STEEL DOORS
CARRIED TO COLLECTION**



1.183.676.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Aluminum door</u>				
	<u>Aluminum doors complete with frames, sub frames, transoms, stops, ironmongeries, insulation, protective and decorative coatings all in accordance with the drawings and specifications</u>				
	<u>Basement level 02 - BSBG scope</u>				
A	Type D-24, Size 1800 x 2400mm, one and half hour fire rated with vision panel,	1	Nr.	42,971.00	42,971.00
	<u>Basement level 01 - BSBG scope</u>				
B	Type D-24, Size 1800 x 2400mm, one and half hour fire rated with vision panel,	2	Nr.	42,971.00	85,942.00
	<u>Basement level 01 - Fondue scope</u>				
C	Type D-23, Size 1850 x 2125mm,		Nr.		
	<u>Ground level - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
	<u>Ground level</u>				
D	Type D-06, Size 700 x 2100mm,		Nr.		
E	Type D-08, Size 1300 x 2550mm,		Nr.		
F	Type D-10, Size 2000 x 2750mm,		Nr.		
G	Type D-10, Size 2000 x 2750mm, one and half hour fire rated,		Nr.		
H	Type D-10, Size 3050 x 2750mm,		Nr.		
	<u>Level 01 - 05 - BSBG scope</u>				
J	Type D-08, Size 1250 x 3950mm,		Nr.		
	<u>Level 01 - 05 - Fondue scope</u>				
	<u>Aluminum doors with glass panel</u>				
K	Type D-08, Size 825 x 2063mm,		Nr.		
L	Type D-08, Size 825 x 2088mm,		Nr.		
M	Type D-08, Size 825 x 2188mm,		Nr.		
	To Collection Dhs.				128,913.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	Windows				
	<u>Aluminum/Glass windows complete with frames, sub frames, transoms, stops, ironmongeries, insulation, protective and decorative coatings all in accordance with the drawings and specifications</u>				
	<u>Basement level 01</u>				
A	Type-01 size: 550 x 1550mm,	1.00	Nr.	1,060.00	1,060.00
B	Type-01 size: 750 x 1550mm,	4.00	Nr.	1,446.00	5,784.00
C	Type-01 size: 900 x 1550mm,	1.00	Nr.	1,734.00	1,734.00
D	Type-01 size: 1100 x 1550mm,		Nr.		
E	Type-01 size: 1200 x 1550mm,	3.00	Nr.	2,312.00	6,936.00
F	Type-01 size: 1400 x 1550mm,	2.00	Nr.	2,698.00	5,396.00
G	Type-01 size: 1500 x 1550mm,	5.00	Nr.	2,890.00	14,450.00
H	Type-01 size: 1600 x 1550mm,	1.00	Nr.	3,084.00	3,084.00
J	Type-01 size: 2750 x 1550mm,		Nr.		
	<u>Aluminum/Glass sliding windows complete with frames, sub frames, transoms, stops, ironmongeries, insulation, protective and decorative coatings all in accordance with the drawings and specifications</u>				
K	Type-02 size: 3250 x 1550mm,	1.00	Nr.	10,294.00	10,294.00
L	Type -03 size: 1250 x 1550mm,	2.00	Nr.	3,960.00	7,920.00
	To Collection Dhs.				56,658.00

PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Curtain wall</u>				
	<u>Curtain wall system in Basement level 1 Staff Dining area, complete with doors, including frames, sub frames, transoms, stops, ironmongerries, insulation, protective and decorative coatings, fixing accessories, all in accordance with drawings and specifications</u>				
A	Type CW-01 overall size: 8050 x 4475mm,	36.00	m2	953.00	34,308.00
	<u>Louvers</u>				
	<u>Louvre complete with frames, sub frames, transoms, stops, ironmongerries, insulation, protective and decorative coatings all in accordance with the drawings and specifications</u>				
B	LW-1 size: 2200 x 2850mm,	1.00	Nr.	5,287.00	5,287.00
C	LW-2 size: 7192 x 2850mm,	1.00	Nr.	16,310.00	16,310.00
D	LW-3 size: 7000 x 3000mm,	1.00	Nr.	16,563.00	16,563.00
E	LW-4 size: 2600 x 3000mm,	1.00	Nr.	6,345.00	6,345.00
F	LW-5 size: 13400 x 3000mm,	1.00	Nr.	31,469.00	31,469.00
G	LW-6 size: 7150 x 5375mm,	1.00	Nr.	30,478.00	30,478.00
H	LW-7 size: 1150 x 5000mm,	1.00	Nr.	5,322.00	5,322.00
J	LW-8 size: 6000 x 2700mm,	1.00	Nr.	13,124.00	13,124.00
K	LW-9 size: 6017 x 5450mm,	1.00	Nr.	25,864.00	25,864.00
L	LW-10 size: 2000 x 5450mm,	1.00	Nr.	8,995.00	8,995.00
M	LW-11 size: 9000 x 2400mm,	1.00	Nr.	18,439.00	18,439.00
N	LW-12 size: 6740 x 2400mm	1.00	Nr.	12,872.00	12,872.00
P	Louver size: 4400 x 2960mm	1.00	Nr.	10,364.00	10,364.00
Q	Louver size: 4600 x 2960mm	1.00	Nr.	10,835.00	10,835.00
	To Collection Dhs.				
					246,575.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D) <u>Additional Items</u> The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.				
	<u>Aluminum door</u>				
	<u>Basement level 02 - BSBG scope</u>				
	<u>Fire rated doors</u>				
A	Type D-10, Size 3300 x 2100mm, one hour fire rated,	1	Nr.		Included in MEP
B	Type D-10, Size 3900 x 2100mm, one hour fire rated,	1	Nr.		Included in MEP
	Basement level 01 - BSBG scope				
	<u>Fire rated doors</u>				
C	Type D-10, Size 1075 x 2100mm, one hour fire rated,	2	Nr.		Included in MEP
D	Type D-10, Size 1350 x 2100mm, one hour fire rated,	1	Nr.		Included in MEP
E	Type D-10, Size 2700 x 2100mm, one hour fire rated,	1	Nr.		Included in MEP
F	Type D-10, Size 3300 x 2100mm, one hour fire rated,	2	Nr.		Included in MEP
G	Type D-10, Size 4200 x 2100mm, one hour fire rated,- BOH circulation area	1	Nr.	87732.00	87,732.00
	<u>Basement level 01 - Fondue scope</u>				
	<u>Non-fire rated doors</u>				
H	Type D-23, Size 1850 x 2400mm,	2	Nr.	44164.00	88,328.00
	To Collection Dhs.				



176,060.00

PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>Fire rated doors</u>				
A	Type D-10, Size 2150 x 2100mm, one hour fire rated,	1	Nr.		Included in MEP
B	Type D-17, Size 2300 x 2500mm, insulated, one hour fire rated,-Sorting and handling area Ground level - BSBG scope	1	Nr.	57,195.00	57,195.00
	<u>Non-fire rated doors</u>				
C	Type D-10, Size 2000 x 2750mm, insulated.	1	Nr.	10,030.00	10,030.00
D	Type D-11, Size 3050 x 2750mm, insulated.	2	Nr.	15,295.00	30,590.00
	<u>Fire rated doors</u>				
E	Type D-10, Size 2000 x 2750mm, insulated, one hour fire rated,	1	Nr.	10,030.00	10,030.00
	<u>Level 01 - 05 - Fondue scope</u>				
	<u>Aluminum doors with glass panel</u>				
F	Type D-17, Size 2500 x 2500mm, one hour fire rated.	1	Nr.	62,168.00	62,168.00
	To Collection Dhs.				170,013.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items (Cont'd)</u>				
	<u>Windows</u>				
	<u>Aluminum/Glass windows complete with frames, sub frames, transoms, stops, ironmongerries, insulation, protective and decorative coatings all in accordance with the drawings and specifications</u>				
	<u>Basement level 01</u>				
A	Type-03 size: 2150 x 1500mm,	1.00	Nr.	4,277.00	4,277.00
B	Type-04 size: 900 x 1200mm,	1.00	Nr.	1,432.00	1,432.00
C	Type-04 size: 1100 x 1200mm,	5.00	Nr.	1,751.00	8,755.00
D	Type-04 size: 1500 x 1200mm,	3.00	Nr.	2,387.00	7,161.00
E	Type-04 size: 2750 x 1200mm,	1.00	Nr.	4,377.00	4,377.00
	<u>level 01</u>				
F	Type-05 size: 5460 x 2300mm,	1.00	Nr.	16,655.00	16,655.00
G	Type-05 size: 14400 x 2284mm,	1.00	Nr.	43,620.00	43,620.00
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items (Cont'd)</u>				
	<u>Louvres</u>				
	<u>Louvre complete with frames, sub frames, transoms, stops, ironmongerries, insulation, protective and decorative coatings all in accordance with the drawings and specifications</u>				
A	Louver size: 6000 x 3120mm,	1.00	Nr.	155171.00	155,171.00
B	Louver size: 1500 x 1500mm,	1.00	Nr.	1865.00	1,865.00
C	Louver size: 2000 x 1500mm,	1.00	Nr.	2487.00	2,487.00
D	Louver size: 3000 x 2000mm,	1.00	Nr.	4973.00	4,973.00
E	LW-11A size: 10870 x 950mm,	1.00	Nr.	8560.00	8,560.00
F	LW-11B size: 11385 x 900mm,	1.00	Nr.	8493.00	8,493.00
G	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		
H	Attendances		Item		
	To Collection Dhs.				



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	ALUMINIUM DOORS & WINDOWS (Cont'd)				
	<u>COLLECTION</u>				
	Page No. 7/19				128,913.00
	Page No. 7/20				56,658.00
	Page No. 7/21				246,575.00
	Page No. 7/22				176,060.00
	Page No. 7/23				170,013.00
	Page No. 7/24				86,277.00
	Page No. 7/25				181,549.00

BILL NO. 7B
 ALUMINIUM DOORS & WINDOWS
 CARRIED TO COLLECTION



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	Timber doors				
	<u>Timber doors complete with frames, sub frames, transoms, stops, ironmongeries, insulation, protective and decorative coatings all in accordance with the drawings and specifications</u>				
	Basement 01 - Fondue scope				
	Non-fire rated doors				
A	Type D-04, Size 1000 x 2400mm,	28	Nr.	4,549.00	127,372.00
B	Type D-04, Size 1000 x 2400mm, insulation - TBC,	3	Nr.	5,433.00	16,299.00
C	Type D-04, Size 1000 x 2400mm with vision panel,	8	Nr.	4,991.00	39,928.00
D	Type D-04, Size 1200 x 2400mm with vision panel,		Nr.		
E	Type D-06, Size 750 x 2100mm,	15	Nr.	3,923.00	58,845.00
F	Type D-06, Size 1000 x 2400mm,	4	Nr.	4,476.00	17,904.00
	Fire rated doors				
G	Type D-04, Size 1000 x 2400mm, one hour fire rated,		Nr.		
H	Type D-04, Size 1000 x 2400mm, one hour fire rated with vision panel,		Nr.		
J	Type D-04, Size 1200 x 2100mm, one hour fire rated with vision panel,		Nr.		
K	Type D-04, Size 1200 x 2400mm, one hour fire rated with vision panel,		Nr.		
L	Type D-04, Size 1000 x 2400mm, one and half hour fire rated with vision panel,		Nr.		
M	Type D-05, Size 1450 x 2100mm, one hour fire rated with vision panel,		Nr.		
	To Collection Dhs.				260,348.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Timber doors (Cont'd)</u>				
	<u>Basement 01 - Fondue scope (Cont'd)</u>				
	<u>Fire rated doors (Cont'd)</u>				
A	Type D-05, Size 1500 x 2100mm, one hour fire rated with vision panel,		Nr.		
B	Type D-05, Size 1700 x 2100mm, insulated, one hour fire rated with vision panel,		Nr.		
C	Type D-05, Size 1450 x 2100mm, one and half hour fire rated with vision panel,		Nr.		
D	Type D-05, Size 1800 x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
E	Type D-05, Size 2100 x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
F	Type D-06, Size 1000 x 2400mm, one hour fire rated,		Nr.		
G	Type D-06, Size 900 x 2100mm, one and half hour fire rated,		Nr.		
	<u>Ground level - BSBG Scope of work</u>				
	<u>Non-fire rated doors</u>				
H	Type D-04, Size 1100 x 2700mm,		Nr.		
J	Type D-04, Size 1100 x 2700mm with vision panel,		Nr.		
K	Type D-05, Size 1450 x 2100mm with vision panel,	1	Nr.	7,782.00	7,782.00
L	Type D-05, Size 2000 x 2400mm with vision panel,		Nr.		
M	Type D-06, Size 800 x 2100mm,	1	Nr.	4,285.00	4,285.00
N	Type D-06, Size 1100 x 2400mm,		Nr.		
P	Type D-06, Size 900 x 2100mm,	2	Nr.	4,324.00	8,648.00
Q	Type D-06, Size 1000 x 2100mm,	2	Nr.	4,341.00	8,682.00
	To Collection Dhs.				29,397.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Timber doors (Cont'd)</u>				
	<u>Ground level - BSBG Scope of work (Cont'd)</u>				
	<u>Fire rated doors</u>				
A	Type D-04, Size 1200 x 2100mm, one hour fire rated .	1	Nr.	4,821.00	4,821.00
B	Type D-04, Size 1200 x 2400mm, one hour fire rated,	1	Nr.	5,482.00	5,482.00
C	Type D-04, Size 1100 x 2400mm, one hour fire rated with vision panel,		Nr.		
D	Type D-04, Size 1200 x 2200mm, one hour fire rated with vision panel,		Nr.		
E	Type D-04, Size 1200 x 2400mm, one and half hour fire rated,	1	Nr.	6,797.00	6,797.00
F	Type D-05, Size 1450 x 2100mm, one hour fire rated with vision panel,	1	Nr.	8,998.00	8,998.00
	<u>Level 01 to 05 - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
G	Type D-04, Size 900 x 2100mm,		Nr.		
H	Type D-04, Size 900 x 2100mm with vision panel,		Nr.		
J	Type D-04, Size 1000 x 2100mm with vision panel,	3	Nr.	4,783.00	14,349.00
K	Type D-04, Size 1200 x 2400mm with vision panel,		Nr.		
L	Type D-05, Size 2000 x 2400mm with vision panel,		Nr.		
M	Type D-06, Size 750 x 2100mm,		Nr.		
N	Type D-06, Size 900 x 2100mm,	1	Nr.	4,341.00	4,341.00
P	Type D-06, Size 1200 x 2400mm,	1	Nr.	4,991.00	4,991.00
	To Collection Dhs.				



49,779.00

PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	Timber doors (Cont'd)				
	Level 01 to 5 - BSBG scope (Cont'd)				
	Fire rated doors				
A	Type D-04, Size 900 x 2100mm, one hour fire rated,		Nr.		
B	Type D-04, Size 1000 x 2100mm, one and half hour fire rated,	2	Nr.	5,592.00	11,184.00
C	Type D-04, Size 1100 x 2400mm, one hour fire rated,		Nr.		
D	Type D-04, Size 1200 x 2200mm, one hour fire rated,		Nr.		
E	Type D-04, Size 1200 x 2400mm, one hour fire rated,		Nr.		
F	Type D-04, Size 1100 x 2100mm, one hour fire rated with vision panel,		Nr.		
G	Type D-04, Size 1100 x 2400mm, one hour fire rated with vision panel,		Nr.		
H	Type D-04, Size 1200 x 2100mm, one hour fire rated with vision panel,	3	Nr.	6,142.00	18,426.00
J	Type D-04, Size 1200 x 2400mm, one hour fire rated with vision panel,		Nr.		
K	Type D-04, Size 1000 x 2100mm, one and half hour fire rated,		Nr.		
L	Type D-04, Size 1000 x 2100mm, one and half hour fire rated with vision panel,	1	Nr.	6,624.00	6,624.00
M	Type D-04, Size 1100 x 2400mm, insulated, one and half hour fire rated with vision panel,		Nr.		
N	Type D-04, Size 1200 x 2100mm, one and half hour fire rated with vision panel,	1	Nr.	6,835.00	6,835.00
P	Type D-05, Size 1500 x 2100mm, one and half hour fire rated with vision panel,		Nr.		
	To Collection Dhs.				43,069.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Timber doors (Cont'd)</u>				
	<u>Level 01 - 05 - Fondue scope</u>				
	<u>Non-fire rated doors</u>				
A	Type D-04, Size 900 x 2100mm,	2	Nr.	4,324.00	8,648.00
B	Type D-04, Size 1000 x 2100mm,	5	Nr.	4,341.00	21,705.00
C	Type D-04, Size 1000 x 2400mm,	1	Nr.	4,549.00	4,549.00
D	Type D-04, Size 900 x 2100mm with vision panel,	8	Nr.	4,783.00	38,264.00
E	Type D-04, Size 900 x 2400mm with vision panel,		Nr.		
F	Type D-04, Size 1000 x 2100mm with vision panel,	1	Nr.	4,783.00	4,783.00
G	Type D-04, Size 1100 x 2400mm with vision panel,		Nr.		
H	Type D-04, Size 1200 x 2100mm with vision panel,	1	Nr.	5,007.00	5,007.00
J	Type D-04, Size 900 x 2400mm, insulation - TBC,		Nr.		
K	Type D-05, Size 1800 x 2400mm with vision panel,	1	Nr.	8,364.00	8,364.00
L	Type D-06, Size 900 x 2100mm,	1	Nr.	4,324.00	4,324.00
M	Type D-15, Size 1510 x 2110mm,		Nr.		
	<u>Fire rated doors</u>				
N	Type D-04, Size 900 x 2100mm, one hour fire rated,	1	Nr.	4,599.00	4,599.00
P	Type D-04, Size 1100 x 2100mm, one hour fire rated,	2	Nr.	4,740.00	9,480.00
Q	Type D-04, Size 1000 x 2400mm, one hour fire rated with vision panel,	1	Nr.	5,924.00	5,924.00
R	Type D-04, Size 1200 x 2100mm, one hour fire rated with vision panel,	3	Nr.	6,142.00	18,426.00
S	Type D-04, Size 1200 x 2400mm, one hour fire rated with vision panel,		Nr.		
	To Collection Dhs.				134,073.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	<u>DOORS AND WINDOWS (CONT'D)</u>				
	<u>Timber doors (Cont'd)</u>				
	<u>Level 01 - 05 - Fondue scope (Cont'd)</u>				
	<u>Fire rated doors (Cont'd)</u>				
A	Type D-04, Size 1200 x 2100mm, insulated, one hour fire rated with vision panel ,	1	Nr.	7,998.00	7,998.00
B	Type D-05, Size 1800 x 2400mm, one hour fire rated with vision panel,	2	Nr.	11,194.00	22,388.00
C	Type D-05, Size 2000 x 2100mm, one hour fire rated with vision panel,	1	Nr.	11,353.00	11,353.00
	<u>Level 06 - 32 (Apartment) - BSBG scope FOH/BOH doors</u>				
	<u>Fire rated doors</u>				
D	Type D-03, Size 1200 x 2100mm, one and half hour fire rated with vision panel	59	Nr.	5,139.00	303,201.00
E	Type D-05, Size 1400 x 2700mm, one hour fire rated with vision panel		Nr.		
F	Type D-20, Size 1200 x 2100mm, one hour fire rated	48	Nr.	4,821.00	231,408.00
G	Type D-20, Size 1200 x 2100mm, one and half hour fire rated with vision panel	25	Nr.	5,779.00	144,475.00
	<u>Level 06 - 32 (Apartment) - BSBG scope FOH/BOH doors</u>				
	<u>Non-fire rated doors</u>				
H	Type D-03, Size 1200 x 2100mm	2	Nr.	3,039.00	6,078.00
J	Type D-05, Size 1650 x 2100mm	1	Nr.	7,940.00	7,940.00
K	Type D-18, Size 1100 x 2100mm		Nr.		
L	Type D-20, Size 1200 x 2100mm with vision panel		Nr.		
	To Collection Dhs.				734,841.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Timber doors (Cont'd)</u>				
	<u>Level 07 - 30 (Hotel) - BSBG scope FOH/BOH doors</u>				
	<u>Fire rated doors</u>				
A	Type D-03, Size 1200 x 2100mm, one and half hour fire rated with vision panel	54	Nr.	5,139.00	277,506.00
B	Type D-04, Size 1000 x 2100mm, one hour fire rated		Nr.		
C	Type D-04, Size 1200 x 2100mm, one hour fire rated	1	Nr.	4,821.00	4,821.00
D	Type D-20, Size 1200 x 2100mm, one hour fire rated with vision panel	63	Nr.	5,779.00	364,077.00
	<u>Non-fire rated doors</u>				
E	Type D-04, Size 1000 x 2100mm	1	Nr.	4,341.00	4,341.00
F	Type D-05, Size 2300 x 2100mm, double leaf with vision panel		Nr.		
	To Collection Dhs.				650,745.00



PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items</u>				
	<u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	<u>Timber doors</u>				
	<u>Basement 02</u>				
	<u>Non-fire rated doors</u>				
A	Type D-06, Size 1000 x 2400mm,	1	Nr.	4,549.00	4,549.00
	<u>Fire rated doors</u>				
B	Type D-04, Size 1200 x 2100mm, one hour fire rated with vision panel,	2	Nr.	6,142.00	12,284.00
C	Type D-06, Size 1000 x 2100mm, one hour fire rated,	1	Nr.	4,660.00	4,660.00
	<u>Basement 01 - Fondue scope</u>				
	<u>Non-fire rated doors</u>				
D	Type D-04, Size 1200 x 2100mm, with vision panel.	1	Nr.	4,931.00	4,931.00
E	Type D-04, Size 1000 x 2100mm, insulated	1	Nr.	5,115.00	5,115.00
F	Type D-04, Size 1000 x 2400mm, insulated with vision panel	1	Nr.	5,704.00	5,704.00
G	Type D-05, Size 1400 x 2100mm with vision panel	1	Nr.	7,782.00	7,782.00
H	Type D-05, Size 1400 x 2100mm, insulated with vision panel	1	Nr.	9,174.00	9,174.00
J	Type D-05, Size 1500 x 2100mm with vision panel	2	Nr.	7,927.00	15,854.00
K	Type D-05, Size 1700 x 2100mm with vision panel	1	Nr.	8,069.00	8,069.00
	To Collection Dhs.				78,122.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	<u>Additional Items (Cont'd)</u>				
	<u>Timber doors (Cont'd)</u>				
A	Type D-05, Size 1800 x 2400mm, insulated with vision panel	1	Nr.	13,793.00	13,793.00
B	Type D-05, Size 2100 x 2400mm, insulated with vision panel	1	Nr.	15,293.00	15,293.00
C	Type D-06, Size 900 x 2100mm	1	Nr.	4,324.00	4,324.00
	<u>Ground level - BSBG Scope of work</u>				
	<u>Fire rated doors</u>				
D	Type D-04, Size 1200 x 2100mm, one hour fire rated with vision panel.	1	Nr.	6,142.00	6,142.00
	<u>Level 01 to 05 - BSBG scope</u>				
	<u>Non-fire rated doors</u>				
E	Type D-04, Size 900 x 2400mm, insulated	1	Nr.	5,393.00	5,393.00
	<u>Fire rated doors</u>				
F	Type D-04, Size 900 x 2400mm, one hour fire rated,	1	Nr.	4,966.00	4,966.00
G	Type D-04, Size 1200 x 2100mm, one hour fire rated,	1	Nr.	5,183.00	5,183.00
H	Type D-04, Size 1100 x 2100mm, insulated, one hour fire rated with vision panel.	1	Nr.	6,992.00	6,992.00
J	Type D-04, Size 1500 x 2100mm, one hour fire rated with vision panel.	1	Nr.	9,705.00	9,705.00
K	Type D-04, Size 1000 x 2100mm, one hour fire rated,	1	Nr.	4,966.00	4,966.00
L	Type D-04, Size 1100 x 2100mm, insulated, one hour fire rated,	1	Nr.	6,034.00	6,034.00
M	Type D-04, Size 1200 x 2100mm, insulated, one hour fire rated,	1	Nr.	6,177.00	6,177.00
	To Collection Dhs.				88,968.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 7 - DOORS AND WINDOWS

Item	Description	Qty.	Unit		Amount (Dhs.)
	DOORS AND WINDOWS (CONT'D)				
	Additional Items (Cont'd)				
	Timber doors (Cont'd)				
A	Type D-04, Size 1200 x 2100mm, one hour fire rated with vision panel	2	Nr.	7,135.00	14,270.00
B	Type D-05, Size 1900 x 2400mm, insulated, one and half hour fire rated with vision panel	1	Nr.	12,450.00	12,450.00
C	Type D-25, Size 1900 x 2700mm, one and half hour fire rated with vision panel	1	Nr.	14,175.00	14,175.00
	Non-fire rated doors				
D	Type D-04, Size 1100 x 2100mm,	1	Nr.	5,117.00	5,117.00
E	Type D-04, Size 1500 x 2100mm,	1	Nr.	8,725.00	8,725.00
	Fire rated doors				
F	Type D-06, Size 900 x 2100mm, one and half hour fire rated.	4	Nr.	6,797.00	27,188.00
G	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.	1	Item		-500,000.00
H	Attendances	1	Item		
	To Collection Dhs.				418,075.00



PLOT-18
BILL OF QUANTITIES -
BILL NO. 7 - DOORS AND WINDOWS

BILL NO. 7C
TIMBER DOORS
CARRIED TO COLLECTION



**PLOT-18
BILL OF QUANTITIES -
BILL NO. 7 - DOORS AND WINDOWS**



PLOT-18

BILL OF QUANTITIES -

BILL NO. 8 - ACCESSORIES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	ACCESSORIES <u>The scope of Works included in this bill shall be in accordance with the of the document reference "Main Contractor's Scope of Works"</u> <u>Protection guard fixed to concrete columns and walls in Basement parking all in accordance with the drawings and the specifications</u>				
A	Fixed to 1500mm dia circular column	363.00	m	122.00	44,286.00
B	Fixed to 900mm dia circular column	590.00	m	122.00	71,980.00
C	Fixed to rectangular column		m	122.00	
D	Fixed to wall	222.00	m	122.00	27,084.00
	<u>Speed breakers complete with necessary fittings fixing accessories in accordance with the drawings and the specifications</u>				
E	Rubber speed breaker	113.00	m	295.00	33,335.00
	<u>1800mm long wheel stop including painting complete with necessary fittings fixing accessories in accordance with the drawings and the specifications</u>				
F	Precast concrete wheel stop	329.00	Nr.	304.00	100,016.00
	<u>Protection guard fixed to walls in kitchen and housekeeping area in the Basement level -1 complete with necessary fittings fixing accessories in accordance with the drawings and the specifications</u>				
G	Corner guard type CG1	103.00	Nr.	166.00	17,098.00
H	Corner guard type CG3		Nr.	166.00	
J	Protection rail type WP1 (48Nr.)	132.00	m	206.00	27,192.00
K	Protection rail type WP2 (56Nr.)	205.00	m	206.00	42,230.00
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 8 - ACCESSORIES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	ACCESSORIES (CONT'D) <u>Glazed wall partition system with doors including necessary fittings, fixings accessories to complete all in accordance with the drawings and specifications</u>				
A	Hotel 3rd Level Offices (5Nr. Doors) <u>Cubicle workstation</u> <u>Cubicle workstation with low height wall partition system including necessary fittings, fixings accessories to complete all in accordance with the drawings and specifications</u>	127.00	m		
B	Size: 4625 x 2900mm		Nr.		Included in PS as per clarification 11
C	Size: 4625 x 1500mm		Nr.		
D	Size: 3080 x 1850mm		Nr.		
E	Size: 1540 x 940mm <u>Raised flooring system including necessary fittings, fixings accessories to complete all in accordance with the drawings and specifications</u>		Nr.		
F	Main sever room	43.00	m2	387.00	16,641.00
G	Security and equipment room <u>Car park barrier including all necessary accessories etc., complete all in accordance with the Drg. No. A-6511</u>	47.00	m2	387.00	18,189.00
H	4600mm long	2.00	Nr	55,260.00	110,520.00
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 8 - ACCESSORIES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	ACCESSORIES (CONT'D) <u>Additional Items</u> <u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tenderer fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
A	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-4,595.28
B	Attendances		Item		
	To Collection Dhs.				-4,595.28



PLOT-18
BILL OF QUANTITIES -
BILL NO. 8 - ACCESSORIES



BILL NO. 8
ACCESSORIES
CARRIED TO MAIN SUMMARY



PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	BOH/ WHITE BOX AREA FINISHES				
	The scope of Works included in this bill shall be in accordance with the "Back Of House- Architectural Finishes", "Car Parks", "Staircases" and "Back Of House Service Rooms" section of the document reference "Main Contractor's Scope of Works"				
	Floor Finishes				
	<u>Floor finishes including preparation of substrate, bedding or screed, grout with all necessary fittings, fixings accessories to complete all in accordance with the drawings and specifications</u>				
	Basement 1 and 2				
A	MMA Coloured Quartz Floor System (3.3.1 -FS1)		m2		
B	MMA Coloured Flake Floor System (3.3.1 -FS2)		m2		
C	Carpet Tiles (3.3.3-FS3) PC Rate for Supply and Delivery - 120/m2		m2		
D	Carpet flooring (CA.01) PC Rate for Supply and Delivery - 320/m2	36.05	m2	453.00	16,330.65
E	Quarry tiles (3.3.4-FS4) PC Rate for Supply and Delivery - 45/m2		m2		
F	Ceramic tile to garbage room (CT.04) PC Rate for Supply and Delivery - 45/m2	25.00	m2	238.00	5,950.00
G	Ceramic tile to BOH toilets PC Rate for Supply and Delivery - 45/m2	1.90	m2	238.00	452.20
H	Heavy duty solvent free epoxy resin floor paint, non slip, in plant rooms	5,064.00	m2	35.00	177,240.00
J	Anti slip sealed concrete finish		m2		
	Skirting				
K	MMA Coloured Quartz Skirting		m		
L	MMA Coloured Flake Skirting		m		
M	Timber Skirting	42.32	m	55.00	2,327.60
N	Quarry tiles Skirting		m		
P	Heavy duty solvent free epoxy resin Skirting, in plant rooms	3,492.00	m	11.00	38,412.00
	To Collection Dhs.				240,712.45



PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>BOH/ WHITE BOX AREA FINISHES (CONT'D)</u>				
	<u>Floor Finishes (Cont'd)</u>				
	<u>Floor finishes including preparation of substrate, bedding or screed, grout with all necessary fittings, fixings accessories to complete all in accordance with the drawings and specifications</u>				
	<u>Ground Level to Roof Level</u>				
A	Carpet Tiles (3.3.3-FS3) PC Rate for Supply and Delivery - 120/m ²		m ²		
B	Carpet flooring (CA.01) PC Rate for Supply and Delivery - 320/m ²	36.05	m ²	453.00	16,330.65
C	MMA Coloured Quartz Floor System (3.3.1 -FS1)		m ²		
D	MMA Coloured Flake Floor System (3.3.1 -FS2)		m ²		
E	Ceramic tile to BOH service WC PC Rate for Supply and Delivery - 45/m ²	3.90	m ²	238.00	928.20
F	Ceramic tile to abulusion room PC Rate for Supply and Delivery - 45/m ²	9.33	m ²	238.00	2,220.54
G	Ceramic tile to waste Chute PC Rate for Supply and Delivery - 45/m ²	235.12	m ²	238.00	55,958.56
H	Heavy duty solvent free epoxy resin floor paint, non slip, in plant rooms	8,558.03	m ²	35.00	299,531.05
	<u>Skirting</u>				
J	Timber Skirting	48.81	m	55.00	2,684.55
K	MMA Coloured Quartz Skirting		m		
L	MMA Coloured Flake Skirting		m		
M	Heavy duty solvent free epoxy resin skirting, in plant rooms	6,262.80	m	11.00	68,890.80
	To Collection Dhs.				



446,544.35

PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	BOH/ WHITE BOX AREA FINISHES (CONT'D)				
	Wall Finishes				
	<u>Wall finishes including preparation of substrate, cement and sand render, bedding , grout with all necessary fittings, fixings accessories to complete all in accordance with the drawings and specifications</u>				
	Basement 1 and 2				
A	Anti-Microbial Wall Tiles (Ref. 3.2.1-WFS1)		m2		
B	Paint Finish (Ref. 3.2.4-WFS4)		m2		
C	Paint Finish (Ref. PA.02) including insulated render	4,720.00	m2	113.00	533,360.00
D	Ceramic tile to BOH service WC PC Rate for Supply and Delivery - 45/m ²	12.80	m2	235.00	3,008.00
E	Ceramic tile to garbage room (Ref. CT.04) PC Rate for Supply and Delivery - 45/m ²	30.55	m2	235.00	7,179.25
F	Low VOC acrylic emulsion paint (Ref. PA.04)	18,342.69	m2	71.00	1,302,330.99
	Ground Level to Roof Level				
G	Low VOC acrylic emulsion paint (Ref. PA.04)	26,580.40	m2	71.00	1,887,208.40
H	Anti-Microbial Wall Tiles (Ref. 3.2.1-WFS1)		m2		
J	Ceramic tile to BOH service WC PC Rate for Supply and Delivery - 45/m ²	29.02	m2	235.00	6,819.70
K	Ceramic tile to abulusion room PC Rate for Supply and Delivery - 45/m ²	50.25	m2	235.00	11,808.75
L	Ceramic tile to waste Chute PC Rate for Supply and Delivery - 45/m ²	731.00	m2	235.00	171,785.00
	To Collection Dhs.				



3,923,500.09

PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>Ceiling Finishes</u> Ceiling finishes including sound and thermal insulation, painting and the like, complete with all necessary fittings, fixings accessories all in accordance with the drawings and specifications <u>Basement 1 and 2</u>				
A	Suspended Ceiling- Kitchen and Wet areas (Ref.3.1.1 -FCF1)		m2		
B	Suspended Ceiling- General BOH areas (Ref.3.1.3 - FCF3)		m2		
C	Suspended marine plasterboard ceiling (Ref. MPB.01)	7.80	m2	153.00	1,193.40
D	Suspended plasterboard ceiling (Ref. PB.01)	63.30	m2	141.00	8,925.30
E	Sealed Soffit (Ref.3.1.4 -FCF4)		m2		
F	Painted slab soffit (Ref.U/S)	5,880.00	m2	22.00	129,360.00
	<u>Ground Level to Roof Level</u>				
G	Suspended plasterboard ceiling (Ref. PB.01)	2,699.40	m2	141.00	380,615.40
H	Suspended marine plasterboard ceiling (Ref. MPB.01)	99.44	m2	153.00	15,214.32
J	Suspended Ceiling in Room Service Support area	440.64	m2	141.00	62,130.24
K	Suspended Ceiling in House Keeping & Linen room	230.40	m2	141.00	32,486.40
L	Painted slab soffit (Ref U/S)	5,460.96	m2	22.00	120,141.12
	To Collection Dhs.				



750,066.18

PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	Staircase Finishes				
A	Epoxy floor paint with grit additive(Type PA.05)	4,924.40	m2	35.00	172,354.00
B	Low VOC acrylic emulsion paint (Ref. PA.04) to walls	15,784.00	m2	71.00	1,120,664.00
C	Painted slab soffit (Ref.U/S)	4,193.00	m2	22.00	92,246.00
	Car Parking Finishes				
D	Heavy duty exterior grade anti slip/oil proof polyurethane coating system on concrete floor (Type PA.01)	19,019.33	m2	61.00	1,160,179.13
E	Basement car park wall paint (Type PA.02)	8,360.00	m2	86.00	718,960.00
F	Painted slab soffit (Ref.U/S)	18,102.00	m2	33.00	597,366.00
G	Curb paint (M60/182)	1,586.19	m	9.00	14,275.71
H	Hot applied Rommco thermosetting plastic traffic coating system in car parking lines to engineer and authority approval	5,649.00	m	11.00	62,139.00
J	Ditto, in single head directional arrows	70.00	Nr.	55.00	3,850.00
K	Ditto, in double head directional arrows	6.00	Nr.	133.00	798.00
L	Ditto, in car park numbering comprising up to 3 digits painted on floors	445.00	Nr.	55.00	24,475.00
M	Ditto, in handicap sign to floor	9.00	Nr.	99.00	891.00
N	Ditto, in road marking stripe (buffer zones)	1,000.00	m2	50.00	50,000.00
	ESS-201 Insulated render system to external walls including preparation of substrate, render, filler, primer, undercoat(s), finish coats and the like all in accordance with the drawings (A-4007) and specifications				
P	To external walls		m2		Included in Bill No.13 Façade
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>Finishes in the White Box Areas</u> <u>Floor finishes to the areas designated as WHITE BOX in Construction Scope clarification drawings A-1401 and A-1402</u> <u>Floor finishes</u> <u>Minimum 50mm thick cement sand screed including self leveling compoun, mesh, all in accordance with drawings and specifications</u>				
A	Hotel tower suites	18,375.00	m2	60.00	1,102,500.00
B	Hotel tower corridors	4,035.00	m2	60.00	242,100.00
C	Apartment tower suites	16,400.00	m2	60.00	984,000.00
D	Apartment tower corridors	3,895.00	m2	60.00	233,700.00
E	All other areas	4,800.00	m2	60.00	288,000.00
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>Additional Items</u> The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.				
	<u>Floor Finishes</u> <u>Basement 1 and 2</u>				
A	Ceramic tile to ablution room	6	m2	238.00	1,428.00
B	Metal grate flooring (TBC)	56	m2	1,216.00	68,096.00
C	Stone tiling to external seating area	95	m2	663.00	62,985.00
	<u>Skirting</u>				
D	Ceramic tile Skirting to BOH Store	5	m	39.00	195.00
E	Metal grate skirting to CEF shaft	43	m	166.00	7,138.00
	<u>Ground Level to Roof Level</u>				
F	Ceramic tile to abulusion rooms	9.5	m2	238.00	2,261.00
G	Metal grate flooring (TBC)	37	m2	1,216.00	44,992.00
H	Ceramic tile skirting to FOH toilets	94	m	238.00	22,372.00
	<u>Skirting</u>				
J	Cermic tile skirting	121	m	39.00	4,719.00
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>Additional Items</u> <p>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</p> <u>Wall Finishes</u> <u>Ground Level to Roof Level</u>				
A	Ceramic tile to toilets and corridor	233	m2	200.00	46,600.00
	<u>Ceiling Finishes</u> <u>Ground Level to Roof Level</u>				
B	Metal grate ceiling (TBC)	271	m2	1,216.00	329,536.00
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>VALUE ENGINEERING BOH AREAS</u>				
	<u>RC VE Items</u>				
A	Remove Screed and direct fix finishes (refer to RC flooring detail included within the Technical Submittal)	-456.00	m2	66.00	-30,096.00
B	Delete plaster and replace with skim coat of 1-2mm (Above proposed Light Weight Panel wall system comes with a Cement Board finish on both sides)	-74,873.71	m2	32.00	-2,395,958.72
C	Delete Heavy duty exterior grade anti slip/oil proof polyurethane coating system on concrete floor (Type PA.01), and Replace with Dust sealer	-19,019.33	m2	43.00	-817,831.19
D	Delete Basement car park wall and Ceiling paint (Type PA.02) and replace with fair face finish to Concrete and masonry walls.	-26,462.00	m2	20.00	-529,240.00
E	Delete Low VOC acrylic emulsion paint (Ref. PA.04) to stair walls	-15,784.00	m2	18.00	-284,112.00
F	Delete Low VOC acrylic emulsion paint (Ref. PA.04) to stair ceilings	-4,193.00	m2	22.00	-92,246.00
H	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-78,265.28
J	<u>Attendances</u>		Item		
	To Collection Dhs.				-4,227,749.19

PLOT-18
 BILL OF QUANTITIES -
 BILL NO. 9 BOH/ WHITE BOX AREA FINISHES

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>INTERNAL BOH FINISHES (CONT'D)</u>				
	<u>COLLECTION</u>				
	Page No. 9/1				240,712.45
	Page No. 9/2				446,544.35
	Page No. 9/3				3,923,500.09
	Page No. 9/4				750,066.18
	Page No. 9/5				4,018,197.84
	Page No. 9/6				2,850,300.00
	Page No. 9/7				214,186.00
	Page No. 9/8				376,136.00
	Page No. 9/9				-4,227,749.19



BILL NO. 9
 INTERNAL BOH FINISHES
 CARRIED TO MAIN SUMMARY



PLOT-18

BILL OF QUANTITIES

BILL NO.10 - SPECIAL CONSTRUCTION

Item	Description	Qty	Unit	Rate	Amount (Dhs.)
	SPECIAL CONSTRUCTION				
	Garbage Chute System				
A	Design, supply, install, testing, commissioning, initial maintenance and servicing of Garbage Chute System including garbage trolley, automatic brush motor cleaning system, compactor and the like	1	Sum	265250.00	265,250.00
	Laundry Chute system				
B	Design, supply, install, testing, commissioning, initial maintenance and servicing of Laundry Chute system	1	Sum	265250.00	265,250.00
	Sundries				
	<u>The Contractor shall allow in his price to provide following items in accordance with the drawings and Specifications</u>				
C	Supporting steel work and screens	1	Sum	165781.00	165,781.00
D	General builders work in connection with installations		Sum		
E	Drawings, manuals, brochures, submittals, samples, and the like		Sum		
F	Testing and commissioning		Sum		
G	As built drawing and operation and maintenance manuals		Sum		
H	Labels and identification		Sum		
J	Special tools		Sum		
L	Spare parts		Sum		
	To Collection Dhs.				696,281.00



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 BILL OF QUANTITIES
 BILL NO.10 - SPECIAL CONSTRUCTION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	SPECIAL CONSTRUCTION (CONT'D)				
	<u>Additional Items</u>				
	The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.				
A	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-6,300.00
B	Attendances		Item		
	To Collection Dhs.				-6,300.00



**PLOT-18
BILL OF QUANTITIES
BILL NO.10 - SPECIAL CONSTRUCTION**



BILL NO. 10
SPECIAL CONSTRUCTION
CARRIED TO MAIN SUMMARY



PLOT-18
 BILL OF QUANTITIES - PACKAGE 3
 BILL NO. 11-PACKAGE 3 - SUMMARY

DESCRIPTION	PAGE	AMOUNT (DHS)
BILL NO. 11 : MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS		116,046,969.41
TOTAL CARRIED TO GENERAL SUMMARY	DHS.	116,046,969.41



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>MECHANICAL AND PLUMBING ENGINEERING INSTALLATIONS</u>				
A	Cold and Hot Water System	Item			
B	Sewerage System	Item			
C	Storm Water System	Item			
D	Condensate Drainage System	Item			
E	Chilled Water System	Item			
F	Ventilation and Air Conditioning System	Item			
G	Fire Protection System	Item			
H	LPG Installation	Item			
J	Connection to Supply Mains	Item			
	<u>ELECTRICAL AND LOW CURRENT ENGINEERING INSTALLATIONS</u>				
K	LV Lighting and power Installation	Item			
L	Lightning Protection System	Item			
M	Emergency Lighting System	Item			
N	Building Management System (BMS)	Item			
P	Fire Alarm and Detection System	Item			
Q	UPS System	Item			
R	Structured Cabling System -Telephone and Data	Item			
	<u>IT/AV Systems</u>				
S	Data Communications System (Converged Network)	Item			
T	Wireless Network System	Item			
U	Voice Communications System	Item			
V	Audio and Video presentation systems	Item			
W	IPTV/SMARTV System	Item			
X	BGM System	Item			
Y	Digital Signage System	Item			
Z	Digital Information Display System	Item			
	<u>CCTV, Access control , Aircraft warning & Solar power plant</u>				
AA	CCTV System	Item			
AB	Access Control System	Item			
AC	Aircraft Warning Lighting System	Item			
AD	Power Generation System(Solar Power Plant)	Item			
AE	Connection to Supply Mains	Item			
J	Main Contractors attendances	Item	Sum	Sum	Included
K	Margin				Included
	To Collection Dhs.				116,046,969.41



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS (CONT'D)</p> <p>Additional Items</p> <p>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</p> <p>VALUE ENGINEERING ITEMS</p> <p>Item 2: - Reductions in Typical SSL to SSL Heights (Hotel Levels 7-17 & 19-27 / SAP Level 6-22): Reduce all typical SSL to SSL heights by 400mm (200mm from ceiling to FFL and 200mm within ceiling void). Drawing Reference: A-3001</p> <p>Item 3: - Penthouse Floor to Floor Heights (Levels 24-29): Reduce all penthouse apartments SSL to SSL to 4m (SSL to SSL). Drawing Reference: A-3003</p> <p>Item 4: - Level 30 Penthouse: Reduce Level 30 SSL to roof SSL height to 2 x 4.6m (total SSL to SSL will be 9.2m)</p> <p>Item 5: - Hotel Balconies: Delete all Hotel balconies on the East elevation (road side) of the building. Sliding doors are to remain for future Juliette balconies (Juliette balconies not to be included within price). GRC slab edge to be consistently 500mm on all floors on this elevation.884</p>				
	To Collection Dhs.				Included



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS (CONT'D)</p> <p>Additional Items (CONT'D)</p> <p>VALUE ENGINEERING ITEMS (CONT'D)</p> <p>Technical / General</p> <ul style="list-style-type: none"> - Design Development and value engineering of all design, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities having jurisdiction over the works - Construction details and methods of installing material/works shall be based on manufacturers' recommendations rather than the Specifications - Sizing and routing all services to the most economical solution <p>Electrical</p> <ul style="list-style-type: none"> - KWh meters will be supplied by the Authorities FOC and fees paid by the Employer. - Lighting control panels included only for public areas. - Quantity of 3kVA UPS are as per the UPS matrix rev2.0., with internal battery sets. External batteries not deemed required. - Provide 300kVA & 80kVA UPSs without front panel removable plug in control modules. - All circuit breakers to be fixed type circuit breaker instead of withdrawable type circuit breaker for MDB's, non-adjustable type circuit breaker instead of adjustable type for SMDB's and isolator instead of I/C MCCB non-Auto for SMDB <p>ELV</p> <p>General</p> <ul style="list-style-type: none"> - All items to be provided under standard manufacturer warranty <p>Structured Cabling</p> <ul style="list-style-type: none"> - All structured cabling material to be Category 6A and approved by TRA. 				Included
	To Collection Dhs.				Included



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS (CONT'D)</p> <p>Additional Items (CONT'D)</p> <p>VALUE ENGINEERING ITEMS (CONT'D)</p> <p>CCTV</p> <ul style="list-style-type: none">- Alternate model number, to obtain the most efficient coverage as per the site and to DPS requirement. <p>IPTV</p> <ul style="list-style-type: none">- IPTV - paid channels are not part of this scope.- Multimedia input to be provided by Client.- Third party integration is not included in this scope.- Only basic free to air channels have been included <p>PA-VA System</p> <ul style="list-style-type: none">- Public announcement with voice activation to be integrated to the Fire alarm system <p>Access Control System</p> <ul style="list-style-type: none">- 200 printed cards to be provided with the solution.- Any card printer and additional cards to be excluded and shall be part of the Client's maintenance budget. <p>Digital Signage System</p> <ul style="list-style-type: none">- Content to be provided by the Client.- Design development and information to be displayed are deemed to be provided by the Client				
	To Collection Dhs.				Included



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS (CONT'D)</p> <p>Additional Items (CONT'D)</p> <p>VALUE ENGINEERING ITEMS (CONT'D)</p> <p>Alternative Manufacturers considered for the VE proposal.</p> <ul style="list-style-type: none">- UPS System - Riello – Italy or equivalent- CCTV Camera - Xtreme vision - Canada or equivalent (Approved by Dubai Police)- Access Control System - Xtreme vision – Canada or equivalent- Firewall - Sonicwall – USA or equivalent- Infrastructure Cabling Racks - Techlogix – Canada or equivalent- Structured Cabling - Techlogix – Canada or equivalent- Wifi/Core Networking - Cisco - USA or equivalent- IP Telephony - Ya Link – Taiwan or equivalent- IPTV - Ya Link – Taiwan or equivalent- Video Conferencing - TOA - Japan/China/Indonesia or equivalent- PA System - TOA - Japan/China/Indonesia or equivalent- Cables and wires - NCI / Oman or equivalent- Cable trays & Trunking - Delta / IKK – UAE or equivalent- Busduct - EAE – Turkey or equivalent- BoH Light fittings - Gamma – USA or equivalent- GI Conduit pipes - Delta – UAE or equivalent- PVC Conduit pipes - Clipsal / Multiplex or equivalent- Isolators - Elecktra , Eaton or equivalent				Included
	To Collection Dhs.				Included



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS (CONT'D)</p> <p>Additional Items (CONT'D)</p> <p>VALUE ENGINEERING ITEMS (CONT'D)</p> <p>Mechanical</p> <ul style="list-style-type: none"> - CPVC pipes to be included for riser pipes in lieu of stainless steel pipes. - Elastomeric rubber insulation to be provided to the pipes - LPG to be provided by Ms. Royal Development (or equivalent) instead of Ms. Lootah, with one year standard warranty. - Fire-fighting to be provided by Firex (or equivalent) rather than the Vendor's list. All material to be civil defense approved, with one year Standard Warranty. - FM 200 to be provided by Ms Firex (or equivalent) in lieu of Novec system. - Provide Std. 3-Speed Motor with FCU from Clima euro - China instead of EC motor. - Provide Pre-Insulated (PIR Foam Panel - 20/45 -48: 20mm) thickness Ducts for the FCU Ductworks inside the Apartment/Hotel & Lobby. - Provide Fire Rated Duct from FlameShield instead of 18G Carbon Steel Duct for car park make up air, smoke exhaust & staircase pressurization. - Provide 25mm thick chilled water pipe rubber insulation in lieu of 50mm. - Provide Non-Rigid insulated flexible ducts from Safid instead of semi-rigid corrugated ducts - No insulation to fire rated ducts in car park make-up air, smoke exhaust & staircase pressurization. - No BMS provision for FCU's inside apartments & hotel rooms, which are only controlled by standalone thermostats (under FOH MEP package). - All CAR & ZRT Air terminal units to be controlled manually and not connected to the BMS controls. - Delete water softening system. - Delete requirement for any X-ray testing of welds and flanges. - Provide electrical water heaters. 				
	To Collection Dhs.				Included



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS (CONT'D)</p> <p>Additional Items (CONT'D)</p> <p>VALUE ENGINEERING ITEMS (CONT'D)</p> <p>Alternative Manufacturers for the VE proposal.</p> <ul style="list-style-type: none"> - CPVC Pipes - Aplaco or Equivalent - Solar & Hot water system - Precision, Wolf or Equivalent. - GRP Tanks - Pipeco, Solico, Thermobreak or Equivalent - Domestic Cold & Hot Water Pump – Ebara, Lowara, Biral or Equivalent - uPVC Pressure pipe & fittings- Aplaco, Cosmoplast, Modern Plastic or Equivalent - Polypropylene Pipes - Q-therm, Raktherm, Bor Plus or Equivalent - Pex Pipes & fittings - Unatherm, Fripex, Unidelta or Equivalent - Closed cell Elastomeric Insulation – Aeroflex, Aerofoam or Equivalent - Drainage Pipes & Fittings - Cosmoplast, Modern plastic or Equivalent - Roof Drains & Floor Grating - Ideal, Aqua or Equivalent - Pipe & Duct Support - Weicco, Diamond or Equivalent <ul style="list-style-type: none"> - Submersible Pump - Ebara, Wilo or Equivalent - Ventilation Fans - Vortice, Dynair, Sodeca, Elektrovent or Equivalent - G.I. Sheet - Jindal, AGIS or Equivalent - Pre Insulated Duct-(PIR) - Prime Industries or Equivalent - Duct Insulation & Lining - Aeroflex, Aerofoam or Equivalent - Sound Attenuator - Safid, Gmamco, KBE or Equivalent - Volume Control Dampers - EH Price, Beta or Equivalent - Fire & smoke Dampers - EH Price, Beta or Equivalent - DDC Controls/BMS - Schneider, Bass or Equivalent 				Included
	To Collection Dhs.				Included



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p><u>MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS (CONT'D)</u></p> <p><u>Additional Items (CONT'D)</u></p> <p><u>VALUE ENGINEERING ITEMS (CONT'D)</u></p> <p>Exclusions</p> <ul style="list-style-type: none">- Hot and Cold water meters – to be provided by DEWA- Remote reading smart LPG gas meter- Extended warranties and Attic stock/Spares- Supply & Installation of Ecology & Odour Control Unit.- All MEP Works in F&B Kitchen Areas as highlighted in the SOW Drawings.- All MEP Works in the External Landscape Area as highlighted in the SOW Drawings- Supply & Installation of Heat Exchangers – to be provided by Empower.- Supply & Installation of Air Flow Measuring Station- Redundancy servers for BMS.- Heat Exchanger Controls – to be provided by Empower.- Third Party Testing & Commissioning.- Factory Acceptance Test – FAT- Overseas factory visit- kWh Meters, Transformers and RMUs – By DEWA				Included
	To Collection Dhs.				Included



PLOT-18
BILL OF QUANTITIES - PACKAGE 3
BILL NO. 11 -MECHANICAL ELECTRICAL AND PLUMBING ENGINEERING INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>COLLECTION</u>				
	Page No. 11/1				116,046,969.41
	Page No. 11/2				Included
	Page No. 11/3				Included
	Page No. 11/4				Included
	Page No. 11/5				Included
	Page No. 11/6				Included
	Page No. 11/7				Included
	Page No. 11/8				Included
BILL NO. 11					
MECHANICAL ELECTRICAL AND PLUMBING					
ENGINEERING INSTALLATIONS					
CARRIED TO GENERAL SUMMARY					
DHS.					
116,046,969.41					



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11A - PACKAGE 3 FRONT OF HOUSE MEP INSTALLATIONS

DESCRIPTION	PAGE	AMOUNT (DHS)
BILL NO. 11A - FRONT OF HOUSE MEP INSTALLATIONS		28,925,000.00
TOTAL CARRIED TO GENERAL SUMMARY	DHS.	28,925,000.00



PLOT-18
 BILL OF QUANTITIES - PACKAGE 3
 BILL NO. 11A - FRONT OF HOUSE MEP INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>FRONT OF HOUSE MEP INSTALLATIONS</u> <u>The following Items stated in this bill may form part of the Contract as a Provisional Sum. The omission or expenditure of the stated Provisional Sum, in whole or in part, shall be instructed solely by the Employers Representative</u> <u>For the Provisional Sums Works included in this Contract, the Contractor shall be entitled to:</u> <u>(i) The actual price paid or due to be paid by the Contractor, on the instructions of the Employer's Representative</u> <u>(ii) In respect of Main Contractors attendances, all other Charges and Profit (referred to as "overhead charges and profit" in the Conditions of Contract), a lump sum priced by the Contractor is paid. The Contractor shall insert a lump sum as applicable and required for Main Contractors attendances, all other Charges and Profit against the item provided in this bill</u>				
A	Guest Room Management System (Control 4 or similar), including access control to doors.	Item			
B	Electrical from the DB up to points including the device	Item			
C	Intruder alarm, panic alarm, medical alarm System	Item			
D	Outdoor broadcast system				
E	Front of House Lighting, supply and installation				
F	Front of House Sanitaryware, supply and installation				
G	Façade Lighting System, supply and installation				
J	Allow the Provisional Sum of Twenty Seven Million dirhams for the supply and installation Front of House MEP items stated in this bill in accordance with the Contract	Item	Sum	Sum	27,000,000.00
K	Main Contractors attendances, all other Charges and Profit for the above Provisional Sums	Item	Sum	Sum	575,000.00
L	Margin				1,350,000.00
	To Collection Dhs.				28,925,000.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11A - FRONT OF HOUSE MEP INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>FRONT OF HOUSE MEP INSTALLATIONS (CONT'D)</p> <p><u>Additional Items</u></p> <p><u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u></p>				
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES - PACKAGE 3

BILL NO. 11A - FRONT OF HOUSE MEP INSTALLATIONS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p><u>COLLECTION</u></p> <p>Page No. 14/1</p> <p>Page No. 14/2</p>				28,925,000.00

BILL NO. 11A
FRONT OF HOUSE MEP INSTALLATION
CARRIED TO MAIN SUMMARY



PLOT-18
 BILL OF QUANTITIES - PACKAGE 4
 BILL NO. 12- PACKAGE 4 - SUMMARY

DESCRIPTION	PAGE	AMOUNT (DHS)
BILL NO. 12 - CONVEYING SYSTEMS	12/2	19,351,740.00
TOTAL CARRIED TO GENERAL SUMMARY	DHS.	19,351,740.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 4
BILL NO. 12 - CONVEYING SYSTEMS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONVEYING SYSTEMS				
	The following items stated in this bill may form part of the Contract as a Provisional Sum. The omission or expenditure of the stated Provisional Sum, in whole or in part, shall be instructed solely by the Employers Representative.				
	For the Provisional Sums Works included in this Contract, the Contractor shall be entitled to:				
	(i) The actual price paid or due to be paid by the Contractor, on the instructions of the Employer's Representative				
	(ii) In respect of Main Contractors attendances, all other Charges and Profit (referred to as "overhead charges and profit" in the Conditions of Contract), a lump sum priced by the Contractor is paid. The Contractor shall insert a lump sum as applicable and required for Main Contractors attendances, all other Charges and Profit, against the item provided in this bill.				
	<u>Design, supply, install, testing, commissioning, initial maintenance and servicing of elevators</u>				
	<u>Service Apartment tower lifts</u>				
A	Passenger Lift SA- PA-01	1	Item		
B	Passenger Lift SA- PA-02	1	Item		
C	Passenger Lift SA- PA-03	1	Item		
D	Passenger Lift SA- PA-04	1	Item		
E	Penthouse Lift PH- PA-01	1	Item		
F	Penthouse Lift PH- PA-02	1	Item		
G	Goods lift	1	Item		
H	Fire Lift	1	Item		
J	Retail Goods Lift	2	Item		
K	Retail Lift	1	Item		
	To Collection Dhs.				Included in PS



PLOT-18
 BILL OF QUANTITIES - PACKAGE 4
 BILL NO. 12 - CONVEYING SYSTEMS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	CONVEYING SYSTEMS (CONT'D) <u>Design, supply, install, testing, commissioning, initial maintenance and servicing of elevators(cont'd)</u>				
	<u>Hotel tower lifts</u>				
A	Passenger Lift HO- PA-01	1	Item		
B	Passenger Lift HO- PA-02	1	Item		
C	Passenger Lift HO- PA-03	1	Item		
D	Passenger Lift HO- PA-04	1	Item		
E	Passenger Lift HO- PA-05	1	Item		
F	Passenger Lift HO- PA-06	1	Item		
G	Hotel Service Lift HO- GD-01	1	Item		
H	Hotel Service Lift HO- GD-02	1	Item		
J	Hotel Service Lift HO- GD-03	1	Item		
K	Hotel Service Lift HO- GD-04	1	Item		
L	Hotel Fire/House keeping Lift HO-FD-01	1	Item		
M	Hotel Room Service Lift	1	Item		
N	Hotel Restaurant Lift	1	Item		
P	Hotel Amenities Lift HO-RP-01	1	Item		
Q	Hotel Amenities Lift HO-RP-02	1	Item		
R	Allow the Provisional Sum of Eighteen million dirhams for the supply and installation of Conveying System (Lifts) items stated in this bill in accordance with the Contract	Item	Sum	Sum	18,000,000.00
S	Main Contractors attendances, all other Charges and Profit for the above Provisional Sums	Item	Sum	Sum	451,740.00
T	Margin				900,000.00
	To Collection Dhs.				



19,351,740.00

PLOT-18

BILL OF QUANTITIES - PACKAGE 4
BILL NO. 12 - CONVEYING SYSTEMS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p><u>CONVEYING SYSTEMS (CONT'D)</u></p> <p><u>Additional Items</u></p> <p>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</p>				

To Collection Dhs.



PLOT-18

BILL OF QUANTITIES - PACKAGE 4
BILL NO. 12 - CONVEYING SYSTEMS

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p><u>COLLECTION</u></p> <p>Page No. 12/1</p> <p>Page No. 12/2</p> <p>Page No. 12/3</p>				19,351,740.00

BILL NO. 12
CONVEYING SYSTEMS
CARRIED TO MAIN SUMMARY



PLOT-18
 BILL OF QUANTITIES - PACKAGE 5
 BILL NO. 13- PACKAGE 5 - SUMMARY

DESCRIPTION	PAGE	AMOUNT (DHS)
BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION		79,519,240.00
TOTAL CARRIED TO GENERAL SUMMARY	DHS.	79,519,240.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 5
BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>EXTERNAL FAÇADE INSTALLATION</p> <p>The Items stated in this bill may form part of the Contract as a Provisional Sum. The omission or expenditure of the stated Provisional Sum, in whole or in part, shall be instructed solely by the Employers Representative</p> <p>For the Provisional Sums Works included in this Contract, the Contractor shall be entitled to:</p> <p>(i) The actual price paid or due to be paid by the Contractor, on the instructions of the Employer's Representative</p> <p>(ii) In respect of Main Contractors attendances, all other Charges and Profit (referred to as "overhead charges and profit" in the Conditions of Contract), a lump sum priced by the Contractor is paid. The Contractor shall insert a lump sum as applicable and required for Main Contractors attendances, all other Charges and Profit against the item provided in this bill</p> <p>Glaze Facade System</p> <p>Glaze facade cladding system complete with mullions & transoms, ironmongery, gaskets, flashings, copings, trims, clippings, facials, vapour barriers, smoke seal and fire supports, compatible structural silicon sealant, including all necessary fixings, fittings and accessories, in accordance with the drawings and specifications.</p>				
A	Podium Levels (Ground, 1st, 2nd and 3rd Levels)	Item			
B	Apartment 4th & 5th Levels and Hotel 4th to 6th Levels including louvered wall system	Item			Included in PS
C	Apartment Level 6 to 31	Item			
D	Hotel Level 7 to 29	Item			
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES - PACKAGE 5

BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	EXTERNAL FAÇADE INSTALLATION(CONT'D)				
	GRC Facade System				
	<u>Glass reinforced concrete (GRC) wall panels complete with all necessary fixing accessories, supporting frame work, hoisting into position, fixing, sealant between panels and the like all in accordance with specification and drawings</u>				
A	Podium Levels (Ground,1st, 2nd and 3rd Levels)	Item			
B	Apartment 4th & 5th Levels and Hotel 4th to 6th Levels	Item			
C	Apartment Level 6 to 31	Item			
D	Hotel Level 7 to 29	Item			
E	Type EWS-101, to external plaza staircase as shown on drawing A-156-00-02	Item			
F	Type EWS-405, to external retail staircase as shown on drawing A-156-00-03	Item			
	GRC edge profile				
	<u>Glass reinforced concrete (GRC) edge profile complete with all necessary fixing accessories, supporting steel work, hoisting into position, fixing, sealant between panels and the like all in accordance with specification and drawings</u>				Included in PS
G	2nd and 3rd Levels	Item			
H	Apartment 4th & 5th Levels and Hotel 4th to 6th Levels	Item			
J	Apartment Level 6 to 31	Item			
K	Hotel Level 7 to 29	Item			
	Dry wall System				
	<u>Dry wall partition including supporting frame work, all necessary fixing, fitting and accessories complete, all in accordance with the drawings and specifications.</u>				
L	Dry wall system in 5th level plant rooms	Item			
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES - PACKAGE 5

BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	EXTERNAL FAÇADE INSTALLATION (CONT'D)				
A	<u>Balcony Separators</u> <u>Balcony Separator including supporting frame work, all necessary fixing, fitting and accessories complete, all in accordance with the drawings and specifications.</u> <u>Balcony Separator Type EWS-105</u> <u>Balustrades</u> <u>Balustrades including supporting frame work, all necessary fixing, fitting and accessories complete, all in accordance with the drawings and specifications.</u> <u>Balustrade Type EWS-102, BAL-105</u> <u>Balcony Floor Finishes</u> <u>External floor finishes including preparation of substrate, bedding screed, mortar/adhesive, grout where required with all necessary fittings, fixings accessories to complete all in accordance with the drawings and specifications</u> <u>Levels -6 to 28 Hotel and Apartment suit balconies</u> <u>Balcony Ceiling Finishes</u> <u>Cement board ceiling including painting, all fixings, fittings and accessories complete all in accordance with the drawings and specifications</u> <u>Levels -6 to 28 Hotel and Apartment suit balconies</u> <u>Column Finishes</u> <u>Paint coating system to external columns including preparation of substrate, render, filler, primer, undercoat(s), finish coats and the like all in accordance with the drawings and specifications</u> <u>Type PT 201</u>	Item			
C		Item			Included in PS
D		Item			
E		Item			
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES - PACKAGE 5
BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	EXTERNAL FAÇADE INSTALLATION (CONT'D)				
	External Ceiling Finishes				
	<u>Cement board ceiling including painting, all fixings, fittings and accessories complete all in accordance with the drawings and specifications</u>				
A	Level-1 ceiling as per the drawings A-1303E and A-1304E	Item			
B	Level-2 ceiling as per the drawings A-1305 C	Item			
C	Level-3 ceiling as per the drawings A-1305E and A-1306 C	Item			
D	Level-4 ceiling as per the drawings A-1307 C	Item			
E	Level-5 ceiling as per the drawings A-1308E	Item			
F	Level-6 ceiling as per the drawings A-1309 C	Item			
G	Level-11 ceiling as per the drawings A-1311 C	Item			
H	Level-17 ceiling as per the drawings A-1322 C	Item			
J	Level-23 ceiling as per the drawings A-1315 C	Item			
	Roof Canopies				
	<u>Duplex stainless steel composite or aluminum honeycomb panels including steel frame all necessary fixing, fittings and accessories</u>				Included in PS
K	Hotel tower ceiling soffit as shown on drawing F-40-01	Item			
L	Apartment tower ceiling soffit as shown on drawing F-40-02	Item			
	Facade Access System				
	<u>Design, supply, install, testing, commissioning, initial maintenance and servicing of Facade Access Systems for Rope Access and its direct supporting system and structure</u>				
M	Facade Access System	Item			
	To Collection Dhs.				



PLOT-18
 BILL OF QUANTITIES - PACKAGE 5
 BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>EXTERNAL FACADE INSTALLATION (CONT'D)</u>				
A	Allow the Provisional Sum of Seventy Five Million dirhams for the supply and installation of External Façade and Finishes Installation items stated in this bill in accordance with the Contract	Item	Sum	Sum	75,000,000.00
B	Main Contractors attendances, all other Charges and Profit for the above Provisional Sums	Item	Sum	Sum	769,240.00
C	Margin				3,750,000.00
	To Collection Dhs.				79,519,240.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 5

BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>EXTERNAL FACADE INSTALLATION (CONT'D)</p> <p><u>Additional Items</u></p> <p>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</p>				
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES - PACKAGE 5

BILL NO. 13 - EXTERNAL FAÇADE INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>EXTERNAL FAÇADE INSTALLATION (CONT'D)</p> <p><u>COLLECTION</u></p> <p>Page No. 13/1</p> <p>Page No. 13/2</p> <p>Page No. 13/3</p> <p>Page No. 13/4</p> <p>Page No. 13/5</p> <p>Page No. 13/6</p>				79,519,240.00

BILL NO. 13
EXTERNAL FAÇADE INSTALLATION
CARRIED TO MAIN SUMMARY



PLOT-18

BILL OF QUANTITIES - PACKAGE 6

BILL OF QUANTITIES - PACKAGE 6

BILL NO. 14 - PACKAGE 6 INTERIOR DESIGN INSTALLATION

DESCRIPTION	PAGE	AMOUNT (DHS)
BILL NO. 14 - INTERIOR DESIGN INSTALLATION INSTALLATION		130,327,990.00
TOTAL CARRIED TO GENERAL SUMMARY	DHS.	130,327,990.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 6

BILL NO. 14 - INTERIOR DESIGN INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>INTERIOR DESIGN INSTALLATION</p> <p>The following Items stated in this bill may form part of the Contract as a Provisional Sum. The omission or expenditure of the stated Provisional Sum, in whole or in part, shall be instructed solely by the Employers Representative</p> <p>For the Provisional Sums Works included in this Contract, the Contractor shall be entitled to:</p> <p>(i) The actual price paid or due to be paid by the Contractor, on the instructions of the Employer's Representative</p> <p>(ii) In respect of Main Contractors attendances, all other Charges and Profit (referred to as "overhead charges and profit" in the Conditions of Contract), a lump sum priced by the Contractor is paid. The Contractor shall insert a lump sum as applicable and required for Main Contractors attendances, all other Charges and Profit against the item provided in this bill</p>				
A	Floor, Wall and Ceiling Finishes in the Front of House areas				
B	Internal Walls of Apartment and Hotel Suites				
C	Front of House Doors and Ironmongery				
D	Front of House Joinery and Fit out				
E	Toilet/Bath Accessories - Mirrors, Cubicals and the like				
F	Decorative Lighting and Plates				
G	Internal glazed wall partitions				
NEW	ALL ID Finishes within Lift cars and Lift entrance doors				
K	Allow the Provisional Sum of One Hundred Twenty Three million dirhams for the supply and installation Interior Design Installations items stated in this bill in accordance with the Contract	Item	Sum	Sum	123,000,000.00
L	Main Contractors attendances, all other Charges and Profit for the above Provisional Sums	Item	Sum	Sum	1,177,990.00
M	Margin				6,150,000.00
	To Collection Dhs.				
					130,327,990.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 6

BILL NO. 14 - INTERIOR DESIGN INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p><u>INTERIOR DESIGN INSTALLATION (CONT'D)</u></p> <p><u>Additional Items</u></p> <p>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</p>				
	To Collection Dhs.				



**PLOT-18
BILL OF QUANTITIES - PACKAGE 6
BILL NO. 14 - INTERIOR DESIGN INSTALLATION**

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>COLLECTION</u> Page No. 14/1 Page No. 14/2				130,327,990.00
	BILL NO. 14 INTERIOR DESIGN INSTALLATION CARRIED TO MAIN SUMMARY			DHS.	130,327,990.00

BILL NO. 14
INTERIOR DESIGN INSTALLATION
CARRIED TO MAIN SUMMARY



DHS.

130,327,990.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 7

BILL NO. 15 - LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION

DESCRIPTION	PAGE	AMOUNT (DHS)
BILL NO. 15 - LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION		19,174,240.00
TOTAL CARRIED TO GENERAL SUMMARY	DHS.	19,174,240.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 7

BILL NO. 15 - LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION</u> <u>The following Items stated in this bill may form part of the Contract as a Provisional Sum. The omission or expenditure of the stated Provisional Sum, in whole or in part, shall be instructed solely by the Employers Representative</u> <u>For the Provisional Sums Works included in this Contract, the Contractor shall be entitled to:</u> <u>(i) The actual price paid or due to be paid by the Contractor, on the instructions of the Employer's Representative</u> <u>(ii) In respect of Main Contractors attendances, all other Charges and Profit (referred to as "overhead charges and profit" in the Conditions of Contract), a lump sum priced by the Contractor is paid. The Contractor shall insert a lump sum as applicable and required for Main Contractors attendances, all other Charges and Profit against the item provided in this bill</u>				
A	Hard and Soft landscaping				
B	Penthouse Terraces				
C	Swimming Pools and finishes				
D	Water Features				
E	Gabion wall system				
F	Allow the Provisional Sum of Eighteen million dirhams for the supply and installation Landscaping, Waterfeatures and Swimming pools Installation items stated in this bill in accordance with the Contract	Item	Sum	Sum	18,000,000.00
G	Main Contractors attendances, all other Charges and Profit for the above Provisional Sums	Item	Sum	Sum	274,240.00
	Margin				900,000.00
	To Collection Dhs.				
					19,174,240.00



PLOT-18

BILL OF QUANTITIES - PACKAGE 7

BILL NO. 15 - LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p><u>LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION(CONT'D)</u></p> <p><u>Additional Items</u></p> <p><u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u></p>				
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES - PACKAGE 7

BILL NO. 15 - LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>COLLECTION</u>				
	Page No. 15/1				
	Page No. 15/2				19,174,240.00
	BILL NO. 15 LANDSCAPING, WATERFEATURES AND SWIMMING POOL INSTALLATION CARRIED TO MAIN SUMMARY				
		DHS.			19,174,240.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 16 - LOOSE FURNITURE FITTINGS AND EQUIPMENT

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>LOOSE FURNITURE FITTINGS AND EQUIPMENT</p> <p>The following Items stated in this bill may form part of the Contract as a Provisional Sum. The omission or expenditure of the stated Provisional Sum, in whole or in part, shall be instructed solely by the Employers Representative</p> <p>For the Provisional Sums Works included in this Contract, the Contractor shall be entitled to:</p> <p>(i) The actual price paid or due to be paid by the Contractor, on the instructions of the Employer's Representative</p> <p>(ii) In respect of Main Contractors attendances, all other Charges and Profit (referred to as "overhead charges and profit" in the Conditions of Contract), a lump sum priced by the Contractor is paid. The Contractor shall insert a lump sum as applicable and required for Main Contractors attendances, all other Charges and Profit against the item provided in this bill</p>				
A	Loose Furniture and Equipment in Front of House areas in the Service Apartment and Hotel				Excluded
B	Loose Furniture and Equipment in Back of House areas in the Service Apartment and Hotel				
C	Commercial Kitchen and Laundry Equipment				
D	Room Service Kitchen Appliances				
E	Service Apartments Kitchen Appliances				
F	Lounge Bar Equipment				
G	Gymnasium Equipment				
H	SPA Equipment				
J	Allow the Provisional Sum of Sixty Six million Six Hundered Thousand dirhams for the supply and installation Loose Furniture and Equipment items stated in this bill in accordance with the Contract	Item	Sum		
K	Main Contractors attendances, all other Charges and Profit for the above Provisional Sums	Item	Sum		
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 16 - LOOSE FURNITURE FITTINGS AND EQUIPMENT

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p>LOOSE FURNITURE FITTINGS AND EQUIPMENT</p> <p>Additional Items</p> <p>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</p>				
A	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		
B	Attendances		Item		
	To Collection Dhs.				



PLOT-18

BILL OF QUANTITIES -

BILL NO. 16 - LOOSE FURNITURE FITTINGS AND EQUIPMENT

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<p><u>COLLECTION</u></p> <p>Page No. 16/1</p> <p>Page No. 16/2</p> <p>BILL NO. 16</p> <p>LOOSE FURNITURE FITTINGS AND EQUIPMENT CARRIED TO SUMMARY</p>				DHS.



PLOT-18

BILL OF QUANTITIES -

BILL NO. 17 - BACK OF HOUSE SANITARYWARE

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	BACK OF HOUSE SANITARYWARE <u>Sanitaryware and accessories including all necessary assembling, joining together and pointing with an approved sealant all in accordance with specifications and drawings</u>				
A	Water closet, wall mounted with concealed flushing system. Allow Prime Cost rate of Dhs.1,500.00 for supply only, excluding Contractor's overhead, profit and wastage	18	Nr.	1,824.00	32,832.00
B	Handset with wall bracket. Allow Prime Cost rate of Dhs.150.00 for supply only, excluding Contractor's overhead, profit and wastage	19	Nr.	193.00	3,667.00
C	Urinal with concealed auto flushing system. Allow Prime Cost rate of Dhs.1,500.00 for supply only, excluding Contractor's overhead, profit and wastage	8	Nr.	1,824.00	14,592.00
D	Shower with wall bar complete with mixer. Allow Prime Cost rate of Dhs.1500.00 for supply only, excluding Contractor's overhead, profit and wastage	4	Nr.	1,824.00	7,296.00
E	Vanity Basin with single lever mixer. Allow Prime Cost rate of Dhs.1,400.00 for supply only, excluding Contractor's overhead, profit and wastage	12	Nr.	1,713.00	20,556.00
F	Toilet paper holder. Allow Prime Cost rate of Dhs.65.00 for supply only, excluding Contractor's overhead, profit and wastage	19	Nr.	88.00	1,672.00
G	Robe hook. Allow Prime Cost rate of Dhs.75.00 for supply only, excluding Contractor's overhead, profit and wastage	13	Nr.	99.00	1,287.00
H	Towel holder. Allow Prime Cost rate of Dhs.65.00 for supply only, excluding Contractor's overhead, profit and wastage	31	Nr.	88.00	2,728.00
J	Soap holder. Allow Prime Cost rate of Dhs.75.00 for supply only, excluding Contractor's overhead, profit and wastage	4	Nr.	99.00	396.00
	To Collection Dhs.				85,026.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 17 - BACK OF HOUSE SANITARYWARE

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>BACK OF HOUSE SANITARYWARE (CONT'D)</u>				
A	Wall-mounted soap dispenser. Allow Prime Cost rate of Dhs.150.00 for supply only, excluding Contractor's overhead, profit and wastage	1	Nr.	193.00	193.00
B	Paper Towel Dispenser. Allow Prime Cost rate of Dhs.800.00 for supply only, excluding Contractor's overhead, profit and wastage	2	Nr	939.00	1,878.00
	<u>30mm thick polished granite vanity counter top with fascia and splash back, wash hand basin cutout including supporting HDF frame, decoration and the like all in accordance with drawings and specifications.</u>				
C	1500mm (L)x 600mm with 1Nr. basin cutout	1	Nr	1,078.00	1,078.00
D	1750mm (L) x600mm (W) with 1Nr. basin cutout		Nr		
E	2900mm (L)x600mm with 3Nr. basin cutout	1	Nr	2,083.00	2,083.00
F	3100mm (L)x600mm (W) with 3Nr. basin cutout	3	Nr	2,227.00	6,681.00
	<u>Mirrors</u>				
	<u>6mm thick silver quality twin coated glass mirrors with polished exposed edges as drawings and specification</u>				
G	Mirror, size 1500 x 1450mm.		Nr		
H	Mirror, size 1750 x 1450mm.		Nr		
J	Mirror, size 2900 x 1450mm.	1	Nr	641.00	641.00
K	Mirror, size 3100 x 1450mm.	3	Nr	685.00	2,055.00
	To Collection Dhs.				14,609.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 17 - BACK OF HOUSE SANITARYWARE

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	<u>BACK OF HOUSE SANITARYWARE (CONT'D)</u>				
	<u>Additional Items</u>				
	<u>The tenderer is to detail below any additional items with quantities and rates not previously included to complete the build up of the lump sum tender price for this section of the works. Should the tendered fail to insert any items hereunder, it will be deemed that his lump sum price for the tender includes all works as required by the tender drawings and specification and no subsequent claim for any additional item will be entertained.</u>				
	Mirrors				
	6mm thick silver quality twin coated glass mirrors with polished exposed edges as drawings and specification				
A	Mirror, size 670 x 760mm to accessible toilet. <u>Sanitary ware and accessories including all necessary assembling, joining together and pointing with an approved sealant all in accordance Drg. No. A-6101 & A-6001</u>	1	Nr	221.00	221.00
B	Accessible Water closet with concealed flushing system, Ref. SW.05	1	Nr	1,824.00	1,824.00
C	Free standing Lavatory, Ref. SW.01	8	Nr	1,824.00	14,592.00
D	Wash basin (Under counter), Ref. SW.03	1	Nr	1,713.00	1,713.00
E	Accessible Wash basin (Wall mounted), Ref. SW.04	1	Nr	1,713.00	1,713.00
F	Janitor sink, Ref. SW.06	1	Nr	1,989.00	1,989.00
G	Ablution mixer (wall mounted), Ref. SA.01	12	Nr	663.00	7,956.00
H	Infrared liquid soap dispenser (wall mounted), Ref. SA.02	8	Nr	1,492.00	11,936.00
	To Collection Dhs.				41,944.00



PLOT-18

BILL OF QUANTITIES -

BILL NO. 17 - BACK OF HOUSE SANITARYWARE

Item	Description	Qty.	Unit	Rate	Amount (Dhs.)
	BACK OF HOUSE SANITARYWARE (CONT'D) <u>Sanitary ware and accessories including all necessary assembling, joining together and pointing with an approved sealant all in accordance Drg. No. A-6101 & A-6001</u> <u>(Cont'd)</u>				
A	Recessed tissue dispenser & waste bin, Ref. SA.04	6	Nr	1,050.00	6,300.00
B	Basin Mixer, Ref. SA.05	8	Nr	718.00	5,744.00
C	Deck mounted soap dispenser, Ref. SA.06	7	Nr	99.00	693.00
D	Recessed tissue dispenser & waste bin (big), Ref. SA.11	4	Nr	1,382.00	5,528.00
E	Hand dryer (wall mounted), Ref. SA.12	6	Nr	995.00	5,970.00
F	Deck mounted infrared tap, Ref. SA.13	2	Nr	718.00	1,436.00
G	Paper towel bin, Ref. SA.16	2	Nr	276.00	552.00
H	Grab bar, Ref. SA.17, horizontally 650mm long	1	Nr	243.00	243.00
J	Ditto, but 750mm long	2	Nr	332.00	664.00
K	Ditto, but 1070mm long	1	Nr	387.00	387.00
L	Grab bar, Ref. SA.17, vertically 650mm long	2	Nr	243.00	486.00
M	Cleaner's tap, Ref. SA.18	1	Nr	199.00	199.00
N	Ref. LE.01, to baby changing room	1	Nr	718.00	718.00
P	Additional design development and value engineering of all designs, specifications and materials selections to achieve the most economic design solution while maintaining a design which is compliant with minimum requirements of statutory authorities.		Item		-1,542.95
Q	Attendances		Item		
	To Collection Dhs.				27,377.05



**PLOT-18
BILL OF QUANTITIES -
BILL NO. 17 - BACK OF HOUSE SANITARYWARE**

