



**LYCÉE LOUIS
MASSIGNON**
ليسيه لوي مسينيون

ÉTABLISSEMENT
EN GESTION DIRECTE



aefe

Agence pour
l'enseignement français
à l'étranger

RENOVATION OF BLOCK B' FOR FRENCH SCHOOL (LYCEE LOUIS MASSIGNON)

CONCRETE REPAIRS AND STRUCTURAL REINFORCEMENT

**PLOT (26_27), SECTOR (E40)
ABU DHABI ISLAND
EMIRATE OF ABU DHABI
UNITED ARAB EMIRATES**

**VOLUME 3
Bill of Quantities**

HP Project No. 1782

**Revision 1
April 18th, 2025**

LYCEE LOUIS MASSIGNON SCHOOL

PLOT (26 27), SECTOR (E40), ABU DHABI ISLAND, EMIRATE OF ABU DHABI

**BILL OF QUANTITIES
VOLUME 3**

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Pricing Preambles

The Bills of Quantities herein, including all notes and instructions shall form an integral part of the Contract. However, the descriptions contained in the Bills of Quantities for each item are not necessarily complete. The Contractor is referred to the Contract, Specifications and Drawings as well as the relevant Standards and Codes of Practice for further information, as no claim or variation will be considered on account of the Contractor's failure to do so.

The Contractor shall familiarize himself with all documents comprising the Contract including, but not limited to, the Drawings and Specifications (or any other information that can be reasonably inferred from any of them) and all obligations contained in the Contract shall be included in the rates and prices entered herein, even if specific items relating to such obligations are not listed in the Bills of Quantities.

The Contractor's unit rates shall be fully inclusive of the work described and must include all related work, accessories or consumable materials, incidental labour, supervision, administration, tools, construction equipment, overheads, profit and all costs and expenses that may be required for the completion of the work described, together with all costs and expenses in complying with all general risks, liabilities and obligations set forth or implied in the Contract.

Drawings, Specifications and Bills of Quantities and all other Contract Documents are complementary and if any item is included in any of them, it shall be deemed included in all.

The Contractor shall, prior to submission of his tender, request written clarification from the Engineer of any point he considers being a major omission from the Bills of Quantities, and the Engineer shall issue instructions in response to each request. Notwithstanding the foregoing, the Contractor shall be responsible for ensuring that his unit rates and lump sum price are inclusive of all discrepancies in description or quantity contained in these Bills of Quantities, as no adjustment to quantities will be made.

The Contractor is required to check the numbers of the pages of the Bills of Quantities and should any be found missing or in duplicate or the figures or writing indistinct, the Contractor shall notify the Engineer at once and have the matter rectified before the date of submission of Tenders. No liability whatsoever will be entertained in respect of any claim for error in the Contractor's tender resulting from failures to comply with the foregoing.

Unit rates may be used reciprocally in the settlement of accounts unless conflict between them occurs. The Contractor is, therefore, to ensure that identical items occurring in separate Bills are not priced at different rates unless this is his deliberate intention.

The Bills of Quantities have been measured generally in accordance with the rules of POM (I) (as here below defined). In any case in the Bill of Quantities where the method differs, then the method expressed must be accepted and measured in accordance therewith. Notwithstanding the above, the following Pricing Preambles are offered only as an amplification or clarification to billed descriptions.

Items in the Preambles Section of these Bills of Quantities are deemed to qualify and to form part of every description of measured work to which they refer including composite descriptions.

The Contractor shall not use the Bills of Quantities as a construction program or for the purpose of ordering materials or arranging sub-contracts. The references for these activities shall be the Drawings, Specifications and instructions issued by the Engineer.

Should the Contractor consider any further items to the items described in the Bills of Quantities are necessary to complete his pricing then he should identify these items and include them in his offer.

Any error in description or in quantity or in omission of items from the Bills of Quantities shall not vitiate this Contract nor release the Contractor from the execution of the whole or any part of the Works comprised therein according to the Drawings and Specifications or from any of his obligations or liabilities under the Contract. Any error in or omissions from the Bills of Quantities shall not be corrected by a Variation issued by the Engineer.

Lump Sum shall not be given where unit rates are applicable.

Amendments shall not be made to the Bills of Quantities without the Engineer written permission

In addition to common abbreviations, the following have been adopted:

POM (I): Principles Of Measurement (International) For Works Of Construction dated June 1979 and published by the Royal Institution of Chartered Surveyors, London

dia: diameter

hr: hour

mm: millimeter

m: metre

m2: square metre

m3: cubic metre

No. / Nr.: Number

Kg: kilogram

sq: square

Ref: reference

LS: Lump Sum

LM: Linear Meter

Pricing Preambles and Specifications shall apply reciprocally between sections of the works unless otherwise described.

All materials shall be transported, handled, stored and fixed in accordance with the printed instructions or recommendations of their manufacturers or suppliers.

Protection of completed work, all casings and temporary coverings and making good, cleaning and polishing and clearing away upon completion.

Costs for the bank charges (L.C / L.G), bank guarantee, etc.

Customs duties, port charges, import duties, taxes insurance etc.

The amounts set against any items of profit shall include for all costs in connection with letters of credit, bank charges, interest charges and insurance after the materials come under the control of the Contractor.

Variation:

The rates inserted in the Bills of Quantities will be used (if applicable) as a base to value any variations to the Works, whether omissions or additions. The Contractor shall not be entitled to payment for profit and overheads on the value of work omitted.

Price Analysis Schedule:

Price Analysis Schedules shall be submitted to the Client, after the Tender Submission. This breakdown shall be as follows:

Each item is to be broken down into the following components:

Labour

Plant and Equipment

Material

Overheads

Profits

The Tenderer shall enter the percentages against each of the above components and the total shall be 100%. In the event the sum of the components does not equal 100%, the Client shall have the right to adjust the highest component(s) to give a total of 100%.

The Client has the right to be guided by the Price Analysis Schedule in evaluating and fixing rates for new works not noted in the Contract.

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|---|---|------|-----------|-------------------|
| | | PRELIMINARIES AND GENERAL REQUIREMENTS | | 1 | 1 / 1 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| 1 | Provision of Contractors site management, administrative, supervisory staff, QA/QC and HSE related personnel in adequate manner as per the Works needs. | 1 | L.S. | | |
| 1 | Allowance for the necessary requirements and related payments (if any) for the issuance of the work permit from the Department of Municipalities and Transport. This also includes clearing all conditions on the permit after issuance of this document. | 1 | L.S. | | |
| 2 | Allowance for the following guarantees issued from a registered financial institution in the United Arab Emirates | | | | |
| 2.1 | Advance Payment Guarantee | 1 | L.S. | | |
| 3 | Allowance for issuance of the following insurances to the Client from a registered company and as per the conditions of contract. | | | | |
| 3.1 | Workmen Compensation Insurance (to also cover all personel of the Consultant involved in the Project) | 1 | L.S. | | |
| 3.2 | All Risk Insurance | 1 | L.S. | | |
| 3.3 | Public Liability Insurance | 1 | L.S. | | |
| 4 | Provision for printing and fixing on marine plywood of the Project Information QR Code as per the Department of Municipalities and Transport requirements. This items allows also for the necessary replacement of damaged panels due to prolonged exposure to the elements during the execution period. | 1 | No. | | |
| 5 | Allowance for connecting to temporary power and water source within the work area (to be identified in coordination with the Client). No consumption fees wil be charged to the Contractor. This includes all necessary electrical panels, switched sockets, hose pipes, bibs, etc. | 1 | L.S. | | |
| 6 | Allowance for using one of the existing spaces near the gymnasium as a temporary office during the progress of the works and keeping it clean throughtout the duration of the works. Loose furniture (chairs and tables) shall be provided at no cost by the School but the Contractor is responsible for providing all required hardware (desktops / laptops / printers / etc.) and other consumables at this own cost. The Contractor shall remain fully responsible for the material stored in this space and one copy of the key shall be provided to the School Management. | 1 | L.S. | | |
| 7 | Allowance for using and maintaining clean at all time one of the existing spaces near the gymnasium as a temporary storage area for material (non flammable material only) during the progress of the works. The Contractor shall remain fully responsible for the material stored in this space and one copy of the key shall be provided to the School Management. | 1 | L.S. | | |
| 8 | Provision of HSE requirements during progress of Works including watching, lighting, safety signs, fire fighting requirements, first aid tools, safety shoes, protection helmets, safety belts and protection barriers/handrails, etc. General Contractor is also responsible to provide all required PPE to the Client's and Consultants' representatives throughout the project execution stage. This item also includes the necessary coordination throughout the project duration with the third party company appointed directly by the Client (M/s Eurolink Safety) for induction trainings, tool box talks, HSE documentation and performance reporting on a weekly basis. | 1 | L.S. | | |
| 9 | Allowance for protecting and keeping operational at all time all fire directors, hose reels, fire hoses, portable fire extinguishers and CCTV cameras. Any disconnection of services shall be under the responsibility of the Contractor and notice is to be sent to the Client. | 1 | L.S. | | |
| Carried to Collection | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|--|---|------|-----------|-------------------|
| | | PRELIMINARIES AND GENERAL REQUIREMENTS | | 1 | 1 / 2 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| 10 | Provision of three copies (hard and soft copies) of all stamped tender documents (for Client, Consultant and Contractor's site representative. The General Contractor is responsible to provide all other copies at side or for his Sub-Contractors at his own cost. | 1 | L.S. | | |
| 11 | Allow for submission of technical specifications of all material, shop drawings and method statements, etc. for the Consultant's review and approval. | 1 | L.S. | | |
| 12 | Provision of all required progress meeting reports (minutes of meetings), site weekly reports, photos and other documentation as per the Conditions of the Contract and requirements of the Client and Consultant. | 1 | L.S. | | |
| 13 | Demobilization and removal of all Contractor's items from site office and storage room and return to the Client in a clean and tidy condition. This items also includes the disconnection from the power and water source and disposing all remains at locations approved by the statutory Authorities. | 1 | L.S. | | |
| 14 | Clearing up and making good site establishment after completion of the Works and demobilization. | 1 | L.S. | | |
| 15 | Provision of all required guarantee certificates and as built drawings in soft copy (AutoCAD and PDF format) showing areas of intervention and the type of remedial or reinforcement that was performed. | 1 | L.S. | | |
| 16 | Allow for any other necessary items required for the completion of the work as described in the relevant sections of the specifications and drawings and not mentioned herein or that is required for the completion of the works as per applicable standards and regulations (to be mentioned in the Contractor's adjustment page). | 1 | L.S. | | |
| Carried to Collection | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|--|---|------|-----------|-------------------|
| | | PRELIMINARIES AND GENERAL REQUIREMENTS | | 1 | 1 / 3 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| | <p><u>COLLECTION</u></p> <p>Page 1/1</p> <p>Page 1/2</p> | | | | |
| Total of Bill No. 1 : Preliminaries and General Requirements | | | | | |
| Carried to Summary | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|---|--------------------|------|-----------|-------------------|
| | | SITE WORKS | | 2 | 2 / 1 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| 1 | Provision of all required equipment, plant and tools for the successful execution of the Works. This includes the submission of the necessary safety and maintenance certificates to the Consultant for review. | 1 | L.S. | | |
| 2 | Allow for dismantling part of the existing finishes (tiles, vinyl flooring, terraces waterproofing membrane, removable ceiling tiles, gypsum board ceiling, etc.) and part of the MEP installations (HVAC ducts, piping, electrical conduits, etc.) to have a clear area of work. All debris to be disposed at locations approved by the statutory Authorities. | 1 | L.S. | | |
| 3 | Allow for excavating up to required levels by manual and / or mechanical means without affecting foundations and disposing material at locations approved by the Department of Municipalities and Transport and the Center of Waste Management. | 1 | L.S. | | |
| 4 | Provide, erect and maintain of all necessary scaffolds, access ways, ladders and the like for the safe and successful completion of the Works and have them certified by a licensed third party specialized Company, all to the approval of the HSE Third Party Company appointed directly by the School Management. | 1 | L.S. | | |
| 5 | Allow for necessary sanitation, cleaning up and removal of rubbish during the progress of the Works to the satisfaction of the Engineer and for disposing at locations approved by the statutory Authorities. | 1 | L.S. | | |
| 6 | Allow for periodic inspections before, during and after completion of the concrete repairs and strengthening works by specialized and registered third parties. | | | | |
| 6.1 | Fees for submittals reviews, site inspections and certification of works by M/s eForce Engineering Consultancies. | 1 | L.S. | | |
| 6.2 | Services for inspections by the Department of Municipalities and Transport and ADEK Representatives. | 1 | L.S. | | |
| 6.3 | Services for the hand over of the works to the Client appointed Third Party (M/s Socotec) | 1 | L.S. | | |
| 6.4 | Support and documentation to be handed over to M/s eForce Engineering Consultancies for completing all procedures with the Department of Municipalities in order to obtain the "Certificate Building Condition" certificate. | 1 | L.S. | | |
| 7 | Allow for any other necessary items required for the completion of the work as described in the relevant sections of the specifications and drawings and not mentioned herein or that is required for the completion of the works as per applicable standards and regulations (to be mentioned in the Contractor's adjustment page). | 1 | L.S. | | |
| Carried to Collection | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|---|--------------------|------|-----------|-------------------|
| | | SITE WORKS | | 2 | 2 / 2 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| | <div>COLLECTION</div> <div>Page 2/1</div> | | | | |
| Total of Bill No. 2 : Site Works | | | | | |
| Carried to Summary | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|--|--------------------|----------------|-----------|-------------------|
| | | REPAIR WORKS | | 3 | 3 / 1 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| 1 | Allow for opening up cracks in masonry block wall and repairing with specified materials and as per applicable procedures and standards. | 230 | m | | |
| 2 | Allow for opening up cracks in concrete elements and repairing using injection with specified materials and as per applicable procedures and standards. | 450 | m | | |
| 3 | Allow for opening up cracks in joints between concrete elements and masonry block work and repairing with specified materials and as per applicable procedures and standards. This includes the replacement of GI steel mesh where applicable. | 190 | m | | |
| 4 | Allow for repairing the concrete that are showing signs of previous leakage damage, concrete delamination and spalling at structural elements using micro-concrete (for thickness more than 400 mm and areas more than 200 x 200 mm) with specified materials and as per applicable procedures and standards. | 875 | m ² | | |
| 5 | Allow for repairing of dampness (moist) in concrete with specified materials and as per applicable procedures and standards. | | | | |
| 5.1 | Opening of 200 x 200 mm windows at different locations to verify the steel conditions. | 265 | m ² | | |
| 5.2 | Repairing using patch repair or micro-concrete if the steel is corroded in addition to treatment or replacement of damaged steel. | | | | |
| 5.3 | Treatment of dampness if the steel is in good condition. | | | | |
| 6 | Allow for repairing of dampness (moist) in masonry block work with specified materials and as per applicable procedures and standards. | 315 | m ² | | |
| 7 | Allow for inspection of the structural slabs (roof and terraces) and slabs on grade after removal of the existing finishing and waterproofing membrane and for necessary repairs to the steel reinforcement and concrete. | | | | |
| 7.1 | Report by Specialist Third Party to identify defects and recommended repairs. | 1 | L.S. | | |
| 7.2 | Remedial works with specified materials and as per applicable procedures and standards for ground slabs (for concrete and steel reinforcement treatment / repairs). | 1 | m ² | | |
| 7.2 | Remedial works with specified materials and as per applicable procedures and standards for roof and terrace slabs (for concrete and steel reinforcement treatment / repairs). | 1 | m ² | | |
| 8 | Allow for any other necessary items required for the completion of the work as described in the relevant sections of the specifications and drawings and not mentioned herein or that is required for the completion of the works as per applicable standards and regulations (to be mentioned in the Contractor's adjustment page). | 1 | L.S. | | |
| Carried to Collection | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|--|--------------------|------|-----------|-------------------|
| | | REPAIR WORKS | | 3 | 3 / 2 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| | <p><u>COLLECTION</u></p> <p>Page 3/1</p> | | | | |
| Total of Bill No. 3 : Repair Works for Concrete and Masonry Elements | | | | | |
| Carried to Summary | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|--|---------------------|----------------|-----------|-------------------|
| | | STRENGTHENING WORKS | | 4 | 4 / 1 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| 1 | Allow for column enlargement using C50, OPC concrete with non-shrink admixtures as per the details provided in the drawings. This includes all required surface preparation, steel reinforcement, steel dowels, anchoring, epoxy material, shuttering, ready-mix concrete and necessary curing as per applicable standards. | | | | |
| 1.1 | <u>Strengthening Works in Gymnasium Area (Double Height)</u> | | | | |
| 1.1.1 | Column 1 | 1.3 | m ³ | | |
| 1.1.2 | Column 2 | 1.3 | m ³ | | |
| 1.1.3 | Column 3 | 1.3 | m ³ | | |
| 1.1.4 | Column 4 | 1.3 | m ³ | | |
| 1.2 | <u>Strengthening Works in Pool Area (Double Height)</u> | | | | |
| 1.2.1 | Column 5 | 0.7 | m ³ | | |
| 1.2.2 | Column 6 | 0.7 | m ³ | | |
| 1.2.3 | Column 7 | 1.3 | m ³ | | |
| 1.2.4 | Column 8 | 1.5 | m ³ | | |
| 1.2.5 | Column 9 | 1.2 | m ³ | | |
| 1.3 | <u>Strengthening Works in Changing Rooms / Toilet / Storage Area at Ground Floor Level</u> | | | | |
| 1.3.1 | Column 10 | 0.6 | m ³ | | |
| 1.3.2 | Column 11 | 0.6 | m ³ | | |
| 1.3.3 | Column 12 | 0.6 | m ³ | | |
| 1.3.4 | Column 13 | 0.5 | m ³ | | |
| 1.3.5 | Column 14 | 0.5 | m ³ | | |
| 1.4 | <u>Strengthening Works in Auditorium / Toilet at Ground Floor Level</u> | | | | |
| 1.4.1 | Column 15 | 0.8 | m ³ | | |
| 1.4.2 | Column 16 | 1.0 | m ³ | | |
| 1.5 | <u>Strengthening Works in Covered Passage (Double Height)</u> | | | | |
| 1.5.1 | Column 17 | 2.6 | m ³ | | |
| 1.5.2 | Column 18 | 2.6 | m ³ | | |
| 1.6 | <u>Strengthening Works in Dojo (First Floor Level)</u> | | | | |
| 1.6.1 | Column 19 | 0.5 | m ³ | | |
| 1.6.2 | Column 20 | 0.5 | m ³ | | |
| 1.6.3 | Column 21 | 0.5 | m ³ | | |
| 1.6.4 | Column 22 | 0.5 | m ³ | | |
| 2 | Allow for any other necessary items required for the completion of the work as described in the relevant sections of the specifications and drawings and not mentioned herein or that is required for the completion of the works as per applicable standards and regulations (to be mentioned in the Contractor's adjustment page). | 1 | L.S. | | |
| Carried to Collection | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | | Bill No. | Page No. |
|---|--|---------------------|------|-----------|-------------------|
| | | STRENGTHENING WORKS | | 4 | 4 / 2 |
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| | <p><u>COLLECTION</u></p> <p>Page 4/1</p> | | | | |
| Total of Bill No. 4 : Concrete Strengthening Works | | | | | |
| Carried to Summary | | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES CONTRACTOR'S ADJUSTMENT SHEET | | Bill No. 5 | Page No. 5 / 1 |
|---|---|--|------|---------------|-------------------|
| Item Ref | Item Description | Quantity | Unit | Unit Rate | Total Price (Dhs) |
| 1 | <p>The Contractor shall list in this bill all items that are required for the completion for the works, as mentioned in other documents forming part of the tender package and that have not been mentioned elsewhere in the bill of quantities.</p> <p>The Contractor shall also list in this bill all items that are required for the completion for the works and that have not been mentioned in other documents forming part of the tender package but that are required by the applicable standards and / or regulations.</p> | | | | |
| | | | | | |
| | | | | | |
| | Total of Bill No. 5 : Contractor's Adjustment Sheet | | | | |
| | Carried to Summary | | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhabi Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | Bill No. | Page No. |
|--|---|--------------------|----------|----------|
| | | DAY WORKS | DW | DW / 1 |
| Item Ref | Item Description | | | |
| | This entire bill is PROVISIONAL and the cost of the items will be paid only if expended. | | | |
| 1 | <u>DAYWORK</u> | | | |
| 1.1 | The Contractor may be required to execute certain work due to the nature of which the method of valuation will be on a day-work basis. | | | |
| 1.2 | The Contractor is to maintain an accurate record of time spent and materials and plant used for each separate instruction given. Day work sheets are to be numbered and should describe fully instructions to which they refer and they are to be summarized, priced and submitted to the Engineer each week. | | | |
| 2 | <u>LABOUR</u> | | | |
| | The Contractor, when tendering, is to give the rates he requires for labourers and craftsmen against each item stated. The rates are to be comprehensive and include, but not limited to the following: | | | |
| | Wages and all costs, payments and charges including pensions, annual and public holidays, travelling time, expenses, fares and transport, guaranteed time, non-productive time and other expenses in connection with overtime, incentive and bonus payments, and other disbursements arising from employment of labour including redundancy payments, and all obligations of the Employer under Government legislation. | | | |
| | Charges incurred in respect of site and office supervision including foreman's time and extra emoluments paid to foremen and leading craftsmen and gangers. | | | |
| | Site and Head Office overhead charges such as rent, rates, insurances, electricity, gas, fuel, water, printing, stationery, postage, telephone charges, motor car expenses, renewals, maintenance and depreciation of premises, machinery, plant and the like. | | | |
| | Profit. | | | |
| 3 | <u>MATERIALS</u> | | | |
| 3.1 | Materials used in day works to be charged at invoice cost. All discounts are to be allowed to the Employer. Invoices are to be made available to the Engineer at the time the relevant day work sheets are submitted. | | | |
| 3.2 | The Contractor is to allow in the item provided the additional percentage he requires to be added to the Invoice cost of materials to cover all delivery costs to site, including fees payable unloading, storing, transport, overhead charges as previously defined and profit. | | | |
| 3.3 | Should any material be required for use on Day works which are not included in the Schedule, the lowest current NET market price shall apply, plus a reasonable allowance for collecting, loading and transporting to the Works. | | | |
| 4 | <u>PLANT</u> | | | |
| 4.1 | The Contractor is to enter the rates he requires per hour for plant and machinery against the items stated. The rates are to be exclusive of attendants and drivers who shall be charged at labour rates as set out above. The rates are to be comprehensive and will include, but not limited to the following: | | | |
| | a. Mobilization and demobilization costs. | | | |
| | b. Fuel, oil, lubricants and all other consumables. | | | |
| | c. Servicing, repairs and replacements. | | | |
| | d. Site and Head Office overhead charges as defined above. | | | |
| | e. Profit. | | | |
| 4.2 | If the Contractor is unable to price the particular type of plant listed, he should price for the nearest equivalent item available to him and state what has been included in his tender. | | | |
| 5 | <u>WORK OUTSIDE NORMAL WORKING HOURS</u> | | | |
| | The Contractor is to include a percentage increase, for labour costs for day work carried out at the instruction of the Engineer outside normal working hours. | | | |

| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | Bill No. | Page No. |
|---|--|---------------------|-----------|----------|
| | | DAY WORKS | DW | DW / 2 |
| Item Ref | Item Description | Unit | Unit Rate | |
| SCHEDULE OF RATES FOR DAYWORKS | | | | |
| Labour | | | | |
| 1 | Scaffolders | hr. | | |
| 2 | Steel Fixers | hr. | | |
| 3 | Plumbers | hr. | | |
| 4 | Carpenters and Joiners | hr. | | |
| 5 | Plasterers | hr. | | |
| 6 | Masons | hr. | | |
| 7 | Painters | hr. | | |
| 8 | Plant and machinery operators and drivers (Light Duty) | hr. | | |
| 9 | Plant and machinery operators and drivers (Heavy Duty) | hr. | | |
| 10 | Electricians | hr. | | |
| 11 | A/C Mechanics | hr. | | |
| 12 | Welders | hr. | | |
| 13 | Helpers | hr. | | |
| 14 | Labourers | hr. | | |
| | | | | |
| | | | | |
| | | | | |
| Materials | | | | |
| 15 | Contractor's percentage on the net cost of material | % | | |
| | | | | |
| | | | | |
| | | | | |
| Plant & Tools | | | | |
| 16 | Wheeled offset excavator with backhoe and shovel (JCB type) | hr | | |
| 17 | Pick up truck up to 3 T capacity | hr | | |
| 18 | Dumper 2 T | hr | | |
| 19 | Concrete vibrator | hr | | |
| 20 | Soil compactor | hr | | |
| 21 | Compressor | hr | | |
| 22 | Tower Crane (... .. capacity) | hr | | |
| 23 | Mobile crane (... .. capacity) | hr | | |
| 24 | Generator | hr | | |
| 25 | Scaffolding | m ² /day | | |
| 26 | Gas cutting set with all accessories | hr | | |
| 27 | Dewatering pump with all required accessories | day | | |
| 28 | The Contractor should also insert on separate pages any other plant or equipment which may be required together with the appropriate rate: | | | |
| | | | | |
| | | | | |
| | | | | |
| Work outside normal hours | | | | |
| 29 | Percentage uplift to labour costs for working outside normal site hours on Client's instruction. | % | | |
| | | | | |
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|--|--|--------------------|----------|----------|
| HP.1782 Structural Repairs and Reinforcement for Building B' Lycée Louis Massignon - Plot (26_27)), Sector (E40), Abu Dhab Island Emirate of Abu Dhabi, U.A.E. | | BILL OF QUANTITIES | Bill No. | Page No. |
| | | SUMMARY | S | S / 1 |
| Item Ref | Item Description | Total Price (Dhs) | | |
| | <u>BILL NO.</u> | | | |
| 1 | PRELIMINARIES | | | |
| 2 | SITE WORKS | | | |
| 3 | REPAIR WORKS FOR CONCRETE AND MASONRY ELEMENTS | | | |
| 4 | CONCRETE STRENGTHENING WORKS | | | |
| 5 | CONTRACTOR'S ADJUSTMENT SHEET | | | |
| Total | | | | |
| Add Consultant Fees (0 %) | | 0.00 | | |
| Grand Total (carried to Form of Tender) | | | | |
| In Words | | | | |
| Sixty Five (65) Days starting from the Commencement Date as stated in the Conditions of Contract and up to the preliminary handing over of the Works to the Client and his Representative. | | | | |
| <div style="border-top: 1px solid black; height: 20px; width: 100%;"></div> Contractor's Seal and Signature | | | | |