

## \* THE PROPOSED REFURBISHMENT WORKS AT THE BANK OF ZAMBIA

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	NAMES OF PARTIES	H3		0	
	CLIENT Bank of Zambia Head Office, Bank Square, Cairo Road P.o Box 10101 Lusaka Zambia			0	
	PROJECT ARCHITECTS Green Code Architects Architects and Project Managers Unit 31, Arcades Shopping Mall, Great East Road Private Bag E017, Box 348, Post Net, Crossroads Mall, Lusaka Zambia			0	
	QUANTITY SURVEYORS MLN Associates Quantity Surveyors and Project Managers No 14 Chaholi Road, Off Addis Ababa Drive Rhodespark P.O.Box 38102 Lusaka			0	
	ELECTRICAL ENGINEERSDexterity System Solutions LimitedNo 17 Mwaleshi Road, Olympia, P.O Box 33152, Lusaka,Zambia			0	
	MECHANICAL ENGINEERSDexterity System Solutions LimitedNo 17 Mwaleshi Road, Olympia, P.O Box 33152, Lusaka,Zambia			0	
				0	
	NOTES TO TENDERERS	H3		0	
	DOCUMENTS	H3		0	
A	The Drawings, Articles of Agreement and Conditions of Contract may be seen at the offices of the Quantity Surveyors during ordinary working hours.	Item		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
B	The tenderer shall check the numbers of the pages and should any be missing or duplicated, or the reproduction be distinct, or this Enquiry contain any obvious errors, the Tenderer shall notify the Quantity Surveyor at once for rectification. No liability whatsoever will be admitted in respect of errors in any Tender due to the abovementioned clauses.	Item		0	
	TENDER SUBMISSIONS	H3		0	
C	All bids are to be submitted in hardcopies at the offices and time as will be stated in the advertisement or letter of invitation.	Item		0	
D	All bids are to be accompanied with documentation such as a receipt highlighting the source of the tender documents which are being submitted	Item		0	
	DESCRIPTIONS	H3		0	
E	These Bills of Quantities are to be read in conjunction with the GENERAL DESCRIPTION OF MATERIALS AND WORKMANSHIP (These may be collected in soft copy from the offices of MLN Associates, Plot 1197 Lunzua Road) which contains the full descriptions of work to be done and material to be used unless otherwise described in these Bills of Quantities, reference should be made to the preambles for the full meaning of descriptions of work to be done and materials to be used in this service.	Item		0	
	CURRENCY OF TENDER AND AMOUNT	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
F	The Unit rates and amounts in the Bills of Quantities (and other tender forms where required) shall be quoted by the Tenderer in Zambian Kwacha unless otherwise stated (abbreviated "ZMW" or "K"). All Items left un-priced shall be deemed to have been included elsewhere within the tender price.	Item		0	
	TAX	H3		0	
G	The Contract Sum shall be deemed to have been calculated to include all duties on materials to be incorporated in the finished works. Duties shall include all customs and excise charged tariffs, taxes and other duties imposed by statutory or other local authority.	Item		0	
H	Value Added Tax (where applicable) is included separately at the appropriate section(s) of the Bills of Quantities as a percentage addition, and shall be included at the percentage rate applicable at the Tender closing date indicated hereinafter.	Item		0	
	DRAWINGS	H3		0	
J	The Contractor is required to inspect all drawings and must acquaint himself with all the requirements needed to fulfill this contract. No claims will be entertained as a result of the non-compliance with above. Should any drawing or part thereof be unclear, the tenderer must seek an explanation from the Architect/ project Manager to clarify the matter.	Item		0	
	PROCEDURE	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
K	The building must be executed in such an order and a manner as may be directed by the Architect/project Manager.	Item		0	
	SPECIALIST WORKS/OTHER CONTRACTORS	H3		0	
L	All Electrical, Air-conditioning, Plumbing and other specialist works measured herein shall be carried out by an organization registered with the Engineering Institute of Zambia (EIZ) or other applicable. Where-as the works are to be done in house, the said works may be supervised by a registered engineer of the relevant discipline subject to ratification and approval by the Project Managers.	Item		0	
M	The contractor's attention is drawn to the fact that he will have to execute the work in this contract in conjunction with other Sub-contractors and Direct contractors.	Item		0	
N	The contractor must ensure, inform himself and allow for any cost implication he might have in this regards.	Item		0	
	SETTLEMENT OF FINAL ACCOUNT	H3		0	
P	The contractor shall be supplied with a copy of the final account for signature. Should the contractor not object to, or sign the final account within 30 (thirty)( days of date of issue, it shall be deemed that he has accepted the Final Account and he shall thereafter not be entitled to payment of any amount other than those set out in the Final Account.	Item		0	
	ESCALATION	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Q	This is a Fixed Price Contract and the contract sum shall be deemed to have been calculated to include all duties on materials to be incorporated in the finished works. Duties shall include all customs and excise charges, tariffs, taxes and other duties imposed by statutory or other legal authority as well as an amount for escalation of prices during the contract period.	Item		0	
	CONFIDENTIAL NATURE OF DOCUMENTS	H3		0	
R	All recipients of the Tender Documents (whether a tender is submitted or not) shall treat the details of the document as private and confidential	Item		0	
	COSTS INCURRED BY TENDERER	H3		0	
S	The Employer will not be responsible for or pay for expenses or losses which may be incurred by any Tenderer in the preparation of the Tender or in visiting the site in connection herewith.	Item		0	
T	All process control testing required, in terms of the specification, shall be undertaken by an approved laboratory. The costs of all process control testing shall be borne by the contractor. The contractor must therefore allow for recovery of these costs in the relevant rates.	Item		0	
	VIEWING OF THE SITE	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
U	<p>The Tenderer shall view the site and any existing structures thereon and thoroughly acquaint himself with the conditions under which works are to be done, the means of access to the works, the condition of the roads, the nature of the site, and generally with all matters which may influence the Contract and any restrictions or conditions which may be imposed by the local authority. No claim for any extras in connection with the position, conditions or circumstances of the work or siting of building will be entertained.</p>	Item	0		
	TRADE MARKS	H3	0		
V	<p>Where trade marks and names of any material have been specified in these Bills of Quantities, the Tenderers attention is drawn to the fact that any other local material of equal quality may be used subject to the prior approval of the Architect/Project Manager being obtained. If approval for alternative materials is not obtained prior to the closing date for submission of tenders, it shall be assumed that the material as specified has been tendered for.</p>	Item	0		
W	<p>Tenderers are to list of these substitutions and ensure that they are submitted at tender date.</p>	Item	0		
	MATERIALS ON AND OFF SITE	H3	0		
X	<p>The contractor is entitled to payment for materials on and off site, with the later on specific condition that he provides valid and traceable receipt of invoices.</p>	Item	0		
			0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	NAMES OF PARTIES.	Page	1	0	
2	NOTES TO TENDERERS	Page	6	0	
	PRELIMINARIES AND GENERAL ITEMS	H1	0		
	DESCRIPTION OF THE WORKS	H3	0		
	The works comprises the refurbishment and alteration works complete with plumbing installations, floor finishes and painting internally and externally etc. Other works include external works encompassing soil drainage, water reticulation, roads and driveways etc. All Electrical and Mechanical Installations and fittings are designed and are to be installed in strict compliance to the Engineer's detail and manufacturers specifications by an approved specialist.			0	
A	Fixed Cost	Item	1		
B	Value Related Cost	Item	1		
C	Time Related Cost	Item	1		
	DRAWINGS AND SCHEDULE OF WORKS	H3	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>The Drawings used in preparing the Bills of Quantities are scheduled under an appropriate section in the appendices at the end of the Bills of Quantities and provided as part of the tender documents. These drawings are representative of the work to be carried out and, when read with the specification, provide information for installation purposes. It will be the contractor's responsibility to check dimensions and details with the Project Manager's, Structural Engineer's, Electrical and Mechanical Engineer's and other relevant drawings prior to installation, and any discrepancy must be reported to the Project Manager before work is put in hand.</p>			0	
	<p>Where necessary, the contractor shall provide, at his own cost, such detail drawings, working drawings, detail builders work drawings, wiring drawings, etc as may be called for by the Project Manager to assist co-ordination, proper installation and completion of the works.</p>			0	
D	Fixed Cost	Item		1	
E	Value Related Cost	Item		0	
F	Time Related Cost	Item		0	
	<p>PROGRESS DRAWINGS, RECORD DRAWING AND OPERATING INSTRUCTIONS.  H3 0.0      30/04/2020 12:26:59 </p>				
	<p>The contractor shall keep on site, available for reference by the Project Manager or other authorised person a full set of installation drawings on which he shall record deviations as the work proceeds.</p>			0	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
G	Fixed Cost	Item	1		
H	Value Related Cost	Item	1		
J	Time Related Cost	Item	1		
	GENERAL DESCRIPTION OF MATERIALS AND WORKMANSHIP	H3	0		
	A document giving a general description of materials and workmanship may be inspected at the offices of the Project Manager and shall form a part of this contract		0		
K	Fixed Cost	Item	1		
L	Value Related Cost	Item	1		
M	Time Related Cost	Item	1		
	CONSTRUCTION PROGRAM	H3	0		
	The Contractor shall provide as part of his tender a gantt chart program indicating how he plans to achieve completion of the works within the Four(4) months construction period.		0		
N	Fixed Cost	Item	1		
P	Value Related Cost	Item	1		
Q	Time Related Cost	Item	1		
	EXISTING AND ADJACENT PROPERTY	H3	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>The attention of the Contractor is drawn to the fact that the adjoining premises/buildings will be fully occupied and operational during the course of the works and that he must comply with all requirements or restrictions regarding the phasing and control of pollution applying to these works. The restrictions may relate to type of plant to be used, the methods of works to be adopted, the hours of working and may, in addition impose a maximum noise level within the work area which may not be exceeded. The Contractor must take all steps necessary to safeguard existing and adjacent property, make good at his own expense any damage to persons or property caused thereon, and hold the Employer indemnified against any such claim arising.</p>			0	
	<p>The Contractor shall confine to the site all persons employed on the works including Subcontractors, keeping all unauthorised persons off the site, take all measures to safeguard the works against theft and provide, erect, maintain and alter as necessary temporary barriers and the like required for this purpose.</p>			0	
	<p>The Contractor will be held fully responsible for the safety of the existing and adjacent buildings, Landscaped areas and for any damage caused in consequences of these Works. He must reinstate all damages at his own expense and indemnify the Employer against any loss.</p>			0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>All operations necessary for the execution of the works and for the construction of any temporary works shall, as far as compliance with the requirements of the contract permits, be carried on so as not to interfere access unnecessary or improperly with the Employers convenience or the access to use or occupation of the building, public or private roads and footpaths or of properties, whether in the possession of the Employer in respect of all claims, demands, proceedings, damages, costs, charges and expenses whatsoever arising out of it in relation to any such matters. The Contractor must take such steps and exercise such care and diligence as to minimise nuisance from dust, noise or any other cause to the occupiers of the existing and adjacent property. The Contractor shall deal with any complaints which may arise due to lack of the foregoing precautions and such arrangements and negotiations as may be necessary, including temporarily suspending any portion of the works. No instruction issued by the Project Manager shall relieve the Contractor from his obligation to comply with these clauses.</p>			0	
	<p>If through neglect, nuisance does occur, the Contractor will be held wholly responsible and he is to indemnify the Employer and hold him harmless against all or any claims which may be made in this respect.</p>			0	
R	Fixed Cost	Item		0	
S	Value Related Cost	Item		0	
T	Time Related Cost	Item		0	
	DEFINITIONS AND ABBREVIATIONS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>Terms used in these Bills of Quantities shall be interpreted as follows: "Works" Shall mean the whole of the works envisaged by this contract including, unless expressly stated otherwise, the works of subcontractors, specialists, Local authorities and Public Undertakings. " Project Manager" Shall mean the Project Project Manager "Approved" Shall mean approved by the Project Manager. "as directed" Shall mean as directed by the Project Manager. "B.S." Shall mean the current British Standard Specification published by the British Standards Institution, 2 Park Street, London W.1., England. "Z.S." Shall mean Zambian Standard Specification as published by the Zambia Bureau of Standards. "m3" Shall mean Cubic Metres "m2" Shall mean Square Metres "m" Shall mean Metres "mm" Shall mean Milimetres "kg" Shall mean Kilograms "no." Shall mean Number "ZMW" or "K" Shall mean Zambian Kwacha "USD" or "US\$" Shall mean United State Dollars "SABS" Shall mean South African Bureau of Standards "ZABS" Shall mean Zambia Bureau of Standards</p>			0	
U	Fixed Cost	Item		0	
V	Value Related Cost	Item		0	
W	Time Related Cost	Item		0	
	FORM OF CONTRACT	H3		0	
	<p>The Contractor will be required to enter into a Contract which will be the form based on Zambia Institute of Architects (ZIA) standard forms as included in the "Conditions of Contract" in this tender document.</p>			0	
X	Fixed Cost	Item		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Y	Value Related Cost	Item		1	
Z	Time Related Cost	Item		1	
	PERFORMANCE BOND	H3		0	
	<p>The Contractor shall provide one Surety who must be an established Registered Commercial Bank to the approval of the Project Manager who will be bound to the Employer in the sum equivalent to ten per cent (10%) of the Contact Sum for the due performance of the Contract until the certified Date of Practical Completion or end of defects liability period.   0.0      30/04/2020 12:27:00 </p>				
	<p>The format of the Performance Bond shall be that shown in the ZPPA bidding document.   0.0      30/04/2020 12:27:00 </p>				
AA	Fixed Cost	Item		1	
AB	Value Related Cost	Item		0	
AC	Time Related Cost	Item		0	
	ADVANCE BOND	H3		0	
	<p>The Contractor shall provide one surety who must be an established registered commercial bank to the approval of the project manager who will be bound to the to the employer in the sum equivalent to twenty percent(20%) of the contract sum.</p>				
AD	Fixed Cost	Item		1	
AE	Value Related Cost	Item		1	
AF	Time Related Cost	Item		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	VALUE ADDED TAX	H3		0	
	This project is subject to Value Added Tax (VAT). All rates shall be priced exclusive of VAT, with due regard to the Contractor's ability to reclaim input taxes, and VAT shall be added to the total price included in the space provided in the Main Summary of the Bills of Quantities to provide a Tender Sum inclusive of VAT. Due regard for the above shall be deemed to have been included in the Contractor's rates and no claim for additional liabilities in this respect shall be entertained.			0	
AG	Fixed Cost	Item		0	
AH	Value Related Cost	Item		0	
AJ	Time Related Cost	Item		0	
AK	Time Related Cost	Item		0	
	CONTRACTORS ALL RISK INSURANCE	H3		0	
	The contractor shall provide Contractors all risk policy to cover the following; (a) loss of or damage to the Works, Plant, and Materials; (b) loss of or damage to Equipment; (c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and (d) personal injury or death			0	
AL	Fixed Cost	Item		1	
AM	Value Related Cost	Item		1	
AN	Time Related Cost	Item		1	
	ENVIRONMENTAL MANAGEMENT PLAN	H3		0	
	Refer to bidding document.			0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AP	Fixed Cost	Item		1	
AQ	Value Related Cost	Item		1	
AR	Time Related Cost	Item		1	
	APPENDIX TO THE CONDITIONS OF CONTRACT	H3		0	
	The appendix to the Conditions will be filled in as follows: Defects Liability Period Twelve - (12) Months Percentage to cover Professional fees N/A Date for Possession " Date of Completion " Period of delay Other reason Prime Cost Sums for which Contractor desires to tender Period of interim Certificates - Stage payments Period of Honouring Certificates - Twenty one days from presentation Percentage of Certified Value Retained 10% Limit of Retention Fund - 5% Period of Final account - 12 months Amount of Advance Payment for early purchase of materials - 20% of the contract sum Price Fluctuations - N/A Amount of Performance Surety - 10% Performance bond name of Surety - Bank Amount of Bid Surety - N/A			0	
	GENERAL MATTERS	H3		0	
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	SUFFICIENCY OF TENDER	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Contractor shall be deemed to have been satisfied before tendering as to the correctness and sufficiency of his Tender for the Works and of the rates and prices stated in the priced Bills of Quantities, which rates and prices shall cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.			0	
AS	Fixed Cost	Item		1	
AT	Value Related Cost	Item		1	
AU	Time Related Cost	Item		1	
	STAMP CHARGES	H3		0	
	The Contractor shall allow for the payment of all Stamp Charges in connection with the Surety Bond and Contract Agreement.			0	
AV	Fixed Cost	Item		0	
AW	Value Related Cost	Item		0	
AX	Time Related Cost	Item		0	
	SITE LEVELS	H3		0	
	The Contractor must arrange for and agree with the Project Manager, before commencing the work, the existing site levels and similarly establish and agree a benchmark. The levels and bench mark thus agreed with them be used for the duration of the works for all purposes.			0	
AY	Fixed Cost	Item		1	
AZ	Value Related Cost	Item		1	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BA	Time Related Cost	Item		1	
	PRESERVATION OF LAND SURVEY AND STAND PEGS	H3		0	
	The Contractor shall be responsible for the preservation of all land survey, stand, boundary or other pegs and beacons and any disturbed or removed from their position for any course whatsoever during the progress of the works, shall be replaced by the appropriate authority and all charges in connection therewith shall be borne by the Contractor.			0	
BB	Fixed Cost	Item		1	
BC	Value Related Cost	Item		1	
BD	Time Related Cost	Item		1	
	CLERK OF WORKS	H3		0	
	The Contractor shall set aside and maintain an appropriate space within the existing building for the use of the clerk of works. The contractor shall also allow for attendance to the clerk of works employed by the architect to provide constant monitoring and inspection of the day works and day to day activities on site and report to the project manager weekly or as necessary.			0	
BE	Fixed Cost	Item		1	
BF	Value Related Cost	Item		0	
	SETTING OUT OF THE WORKS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Contractor shall set out the works in accordance with the dimensions and levels shown on the drawings and shall be responsible for the correctness of all dimensions and levels so set out by him and will be required to amend all errors arising from inaccurate setting out at his own cost and expense. In the event of any error or discrepancy in the dimensions or levels marked on the drawings being discovered, the Contractor must report such error or discrepancy to the Project Manager for his immediate attention and action.			0	
BG	Fixed Cost	Item		1	
BH	Value Related Cost	Item		1	
BJ	Time Related Cost	Item		1	
	USE OF SITE	H3		0	
	The Contractor shall not use the site for any purpose other than for the carrying out of his obligations under this contract. He is to obtain the approval from the Project Manager for the siting of all spoil heaps, temporary roads, working areas, sheds and other structures.			0	
BK	Fixed Cost	Item		0	
BL	Value Related Cost	Item		0	
BM	Time Related Cost	Item		0	
	PROGRESS SCHEDULE	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>The Contractor shall, upon receiving instructions to proceed with the work draw up a Time and Progress Schedule setting out the order in which the Works are to be carried out with the appropriate dates thereof. This Time and Progress Schedule is to be agreed with the Project Manager and no deviation from the order set out in this Schedule will be permitted without the written consent of the Project Manager. The Main Contractor will be responsible for arranging the above programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.</p>			0	
BN	Fixed Cost	Item		1	
BP	Value Related Cost	Item		0	
BQ	Time Related Cost	Item		0	
	PROGRESS PHOTOGRAPHS	H3		0	
	<p>The Contractor shall allow for progress photos through the duration of the assignment issued at regular intervals or as may be agreed with project manager. Such record shall then be collated and given to the client through the project manager in a compact disk and the end of project or contract</p>			0	
BR	Fixed Cost	Item		1	
BS	Value Related Cost	Item		1	
BT	Time Related Cost	Item		1	
	FIGURED DIMENSIONS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Figured dimensions are to be followed in preference to dimensions scaled from the Drawings; but whenever possible dimensions are to be taken on the site or the buildings. Before Sub-Contractors or Specialist Firms commences any work, dimensions must be checked on the Site and/or buildings and agreed with the Contractor, irrespective of the comparable dimensions shown on the Drawings. The Contractor shall be responsible for the accuracy of such dimensions.			0	
BU	Fixed Cost	Item		1	
BV	Value Related Cost	Item		1	
BW	Time Related Cost	Item		1	
	PROVISIONAL WORK	H3		0	
	All "provisional" and other work liable to adjustment under this Contract shall be left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the Quantity Surveyor. Immediately the work is ready for measurement, the Contractor shall give notice to the Quantity Surveyor. If the Contractor makes default in these respects he shall, if the Project Manager so directs, uncover the work at his own expense to enable the measurements to be taken.			0	
BX	Fixed Cost	Item		1	
BY	Value Related Cost	Item		0	
BZ	Time Related Cost	Item		0	
	EXISTING SERVICES	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
CA	<p>Prior to commencement of any work the Contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services in the area and he shall make whatever provisions may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Project Manager and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.</p>	Item		0	
	<p>TRANSPORT TO AND FROM THE SITE</p>	H3		0	
	<p>The Contractor shall include in his prices for the transport of materials, workmen, etc., to and from the Site of the proposed Works, at such hours and by such routes as are permitted by the Authorities.</p>			0	
CB	Fixed Cost	Item		1	
CC	Value Related Cost	Item		1	
CD	Time Related Cost	Item		1	
	<p>PUBLIC AND PRIVATE ROADS, PAVEMENTS, ETC.</p>	H3		0	
	<p>The Contractor will be required to make good, at his own expense, any damage he may cause to the present road surfaces and pavements within or beyond the boundary of the Site, during the period of the Works. In particular, pavements, which may be destroyed or damaged during the progress of the Works, are to be made good by the Contractor to the approval of the Project Manager.</p>			0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
CE	Fixed Cost	Item		0	
CF	Value Related Cost	Item		0	
	Time Related Cost			0	
	POLICE AND LOCAL AUTHORITY REGULATIONS	H3		0	
	The Contractor is to allow for complying with all instructions and regulations of the Police and Local Authorities.			0	
CG	Fixed Cost	Item		1	
CH	Value Related Cost	Item		0	
CJ	Time Related Cost	Item		0	
	CONTRACTORS' SUPERINTENDENCE	H3		0	
	The Contractor shall constantly keep on the works a literate well qualified English-speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole time to the superintendence of the Works. Such Agent or Representative shall receive on behalf of the Contractor, directions and instructions from the Project Manager and such directions and instructions shall be deemed given to the Contractor in accordance with the Conditions of Contract. The Agent shall not be replaced without the specific approval of the Project Manager.			0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>It is to be a specific condition of this Contract that the successful Tenderer shall provide on site throughout the period from the completion of the substructure to the Date for Practical Completion a suitably qualified, experienced and competent person to ensure that the works are carried out to the standard required by the specification and detailed on the Drawings; and shall ensure that upon any termination of employment a suitable replacement is found.</p>			0	
	<p>Before the Tenderer's offer is accepted the Project Manager will personally interview the Contractor's proposed Representative. Curriculum vitae of past experience and qualifications must be provided for the Project Manager's scrutiny. The Project Manager's decision will be final regarding the suitability of the proposed Representative.</p>			0	
	<p>It shall be a condition of this Contract that the Contractor shall have email facilities on site for emergency communication. The Contractor shall coordinate the work of all Subcontractors, tradesmen, workmen and others engaged or to be engaged on the works and shall liaise and coordinate with all parties to ensure the smooth functioning of the Contract, the smooth and orderly progress of construction, the closest cooperation between all the parties concerned and the timely completion of the contract.</p>			0	
CK	Fixed Cost	Item		1	
CL	Value Related Cost	Item		1	
CM	Time Related Cost	Item		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	GENERAL MATTERS	H2		0	
	WATER	H3		0	
	All water shall be fresh, clean and pure, free from earthy vegetable or organic matter, acid or alkaline substance in solution or suspension The Contractor shall provide at his own risk and cost all water for use in connection with the Works (including the work of Sub-Contractors). The Contractor shall provide at his own expense all temporary distribution pipes, storage tanks, meters, etc., and he shall clear away same upon completion of the Works. In case the Contractor is permitted by the Employer to use water already on site, such water shall be metered and accruing bills paid by the Contractor.			0	
CN	Fixed Cost	Item		1	
CP	Value Related Cost	Item		0	
	LIGHTING AND POWER	H3		0	
	The Contractor shall provide at his own risk and cost all artificial lighting and power for use on the Works, including all Sub-Contractors' and Specialists' requirements and including all temporary connections, wiring, fittings, etc., and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith. . In the event that the Contractor is permitted by the Employer to use power already on site, such water shall be metered and accruing bills paid by the Contractor.			0	
CQ	Fixed Cost	Item		1	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
CR	Value Related Cost	Item		1	
CS	Time Related Cost	Item		1	
	SAFETY	H3		0	
	<p>-----</p> <p>with the requirements of the Factory Act and clients safety regulations at the time being in force, ensure that the safety of his work people and authorised visitors to the Site is protected at all times. In particular there shall be proper provision of planked footways and guardrails to scaffolding, etc.; protection against falling materials and tools and the Site shall be kept tidy and clear of dangerous rubbish. The Contractor shall appoint a Safety Officer as required by the Factory Act and notify the Factory Inspector of his name. The Safety Officer shall be qualified in compliance with the Factory Act and the clients safety requirements and shall have experience in First Aid. The Safety Officer shall be on site at all times and all directions given by the Project Manager to the Safety Officer shall be deemed to be Project Manager's Instructions, and shall be complied with promptly without additional cost to the contract. The Project Manager shall be empowered to suspend work on the Site should he consider that these conditions are not being observed, and no claim arising from such a suspension will be allowed.</p>			0	
CT	Fixed Cost	Item		1	
CU	Value Related Cost	Item		0	
CV	Time Related Cost	Item		0	
	PROTECTIVE CLOTHING	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Contractor shall provide all protective or any other special clothing or equipment for his employees that may be necessary. This shall include, inter-alia, safety helmets, gloves, goggles, ear muffs, gumboots and shoes with a safety metal cap, overalls, reflective jackets, safety harnesses and nets etc., according to the type of work. The Contractor shall ensure that all staff on site and visitors wears safety helmets at all times.			0	
CW	Fixed Cost	Item		1	
CX	Value Related Cost	Item		0	
CY	Time Related Cost	Item		0	
	PROGRESS MEETINGS	H3		0	
	The Contractor shall be responsible, in conjunction with the Project Manager, for arranging progress meetings. The Project Manager will determine the times and frequency of such minutes and shall be entitled to invite such Subcontractors as he deems it to attend such progress meetings. The Contractor shall report on his own and all Subcontractor's progress and all matters affecting progress and execution of the works. The Contractor shall convene additional regular meetings with his Subcontractors and Suppliers in order to monitor their progress and to discuss and coordinate all aspects of the Contract.			0	
CZ	Fixed Cost	Item		1	
DA	Value Related Cost	Item		1	
DB	Time Related Cost	Item		1	
	MATERIALS AND WORKMANSHIP	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>Technical Specification as contained in these Bills of Quantities, as read together with specialist specifications that may be provided by Consultants. All materials shall be new unless otherwise directed or permitted by the Project Manager and in all cases where the quality of goods or materials is not described or otherwise specified, is to be the best quality obtainable in the ordinary meaning of the word "best" and not merely a trade signification of that word. All materials and workmanship shall, unless otherwise specified or described, conform to the appropriate British Standards Institution Specification current at the date of Tender. The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that such materials are on Site when required for use in the Works. The Contractor shall be responsible for and shall replace or make good at his own expense any materials lost or damaged. Skilled workmen well versed in their respective trades shall execute the</p>			0	
DC	Fixed Cost	Item		0	
DD	Value Related Cost	Item		0	
DE	Time Related Cost	Item		0	
	REJECTED WORKMANSHIP OR MATERIALS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Any workmanship or materials not complying with the specific requirements or approved samples or which have been damaged, contaminated or have deteriorated, must immediately be removed from the Site and replaced at the Contractor's expense, as required. Proprietary materials specified in the tender documents shall be strictly adhered to and provided for the works. Deviations from proprietary materials specified will only be allowed as a last resort. All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed strictly in accordance with their			0	
DF	Fixed Cost	Item		1	
DG	Value Related Cost	Item		1	
DH	Time Related Cost	Item		1	
	SAMPLES OF MATERIALS	H3		0	
	The Contractor shall furnish at the earliest possible opportunity before work commences and at his own cost, any samples of materials or workman-ship that may be called for by the Project Manager for his approval or rejection, and any further samples in the case of rejection until such samples are approved by the Project Manager and such samples, when approved, shall be the minimum standard for the work to which they apply.				
DJ		Item		1	
	OFFICE AND SHEDS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Contractor shall set aside and maintain an appropriate space within the existing building office accommodation for his own use, together with ample temporary watertight sheds for the proper storage and protection of materials and for the use of artisans and remove when ordered. Floors of sheds shall be at least 150 mm above ground level.			0	
DK	Fixed Cost	Item		1	
DL	Value Related Cost	Item		1	
DM	Time Related Cost	Item		1	
	OFFICES AND SERVICES FOR THE ARCHITECT	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>The Contractor shall set aside and maintain an appropriate space within the existing building for the use of the Project Manager and his representative with a total floor area of not less than 15 square metres. The office shall be furnished with wooden stools, tables and chairs and drawing table along the full length of one side, complete with drawers of sufficient size to carry the Drawings laid flat and drawing racks as required. The Contractor shall also set aside and maintain a lock-up lavatory for the sole use of the Project Manager and his representatives and to the satisfaction of the local Authorities and shall provide the services of a sweeper, pay all charges and keep both office and latrine in a clean and sanitary condition during the whole period of the Works. The office and latrine shall be removed on completion. The Contractor shall keep on Site and maintain in good condition one dumpy or quickset level and levelling staff, and one 30 metre steel tape for the use of the Architect and his representatives.</p>			0	
DN	Fixed Cost	Item		0	
DP	Value Related Cost	Item		0	
DQ	Time Related Cost	Item		0	
	TELEPHONE AND EMAIL	H3		0	
	<p>The Contractor shall arrange for a telephone extension from the existing premises of the Employer and pay all charges in connection therewith. The Contractor shall ensure that his Site Manager is accessible by telephone and email.</p>			0	
DR	Fixed Cost	Item		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
DS	Value Related Cost	Item		0	
DT	Time Related Cost	Item		0	
	SANITATION	H3		0	
	The Contractor shall provide the necessary latrines for his staff and workmen to the requirement and satisfaction of the Health Authorities and maintain the same in a thoroughly clean and sanitary condition and pay all conservancy fees during the period of the Works and remove when no longer required.			0	
DU	Fixed Cost	Item		1	
DV	Value Related Cost	Item		1	
DW	Time Related Cost	Item		1	
	PLANT, TOOLS, SCAFFOLDING AND PROTECTIVE NETTING	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>hoists, scaffolding, steel ladders, tackles, plant, vehicles, tools and appliances of every description for the due and satisfactory completion of the Works and shall remove the same on completion. The Contractor shall provide, erect and maintain all temporary scaffolding, sufficiently strong and efficient for the due performance of the Works, including Sub-Contract Works as special attendance, provide special scaffolding as and when required during the Works and remove on completion and make good. Such scaffolding shall be constructed of tubular steel of timber of sufficient scantlings and be provided with planked footways and guard-rails to approval. All such plant, tools and scaffolding shall comply with all regulations whether general or local, in force throughout the period of the Contract and shall be altered or adapted during the Contract as may be necessary to comply with any amendments in or additions to such regulations. Scaffolding is not measured hereinafter, and the Contractor must allow here or in his rates for the above. The Contractor shall further provide</p>			0	
DX	Fixed Cost	Item		1	
DY	Value Related Cost	Item		0	
	HOARDING	H3		0	
	<p>The Contractor shall enclose parts of the site, as directed with a hoarding 2.50 metres high off ground level, with openings and gates as required, constructed of substantial timbers to approval and covered with new iron corrugated sheeting encircling the site and/or work area to project managers approval. All charges from Local authorities relating to hoarding shall be accounted for herein.</p>			0	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
DZ	Fixed Cost	Item		0	
EA	Value Related Cost	Item		0	
EB	Time Related Cost	Item		0	
	WATCHING AND LIGHTING	H3		0	
	The Contractor shall provide at his own risk and cost all watching and lighting as necessary to safeguard the Works, plant and materials against damage and theft.			0	
EC	Fixed Cost	Item		1	
ED	Value Related Cost	Item		1	
EE	Time Related Cost	Item		1	
	TEMPORARY ROADS	H3		0	
	The Contractor shall provide where directed all temporary access roads, tracks and paths necessary for the execution of the Works, including making good when no longer required.			0	
EF	Fixed Cost	Item		1	
EG	Value Related Cost	Item		0	
EH	Time Related Cost	Item		0	
	PROJECT SIGNBOARD	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Signboard and lettering on same for the display of the General and Sub-Contractors' names shall be of an approved size with the Employer's name painted thereon. The Project Manager's, Quantity Surveyor's and Consultants' name shall be printed in 50 mm letters all to the Project Manager's design. No other signboard or advertising will be permitted.			0	
EJ	Fixed Cost	Item		1	
EK	Value Related Cost	Item		1	
EL	Time Related Cost	Item		1	
	PROJECT PICTORAL VIEWS	H3		0	
	The Contractor shall allow printing and installation of atleast a A1 3D image of the development to be printed and made weather proof. Such image as provided by the Project manager shall be placed at the entrance to the site and or the site office			0	
EM	Fixed Cost	Item		1	
EN	Value Related Cost	Item		0	
EP	Time Related Cost	Item		0	
	NOMINATED AND DOMESTIC SUB-CONTRACTORS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Nominated Sub-Contractors in every respect and in particular it shall be the Contractor's responsibility to ensure that each Sub-Contractor commences and completes the work in such manner and is ready on the Site with his materials, labour and special plant at such times so as to conform with the Progress Schedule, as specified previously, and to ensure satisfactory progress. The Contractor shall also accept liability for and bear the cost of General Attendance on Nominated and Domestic Sub-Contractors, which shall be deemed to include for: Allowing the use of standing scaffolding, maintenance and alteration of all scaffolding, retention of all scaffolding until such time as all relevant Sub-Contractors' works are complete and removal of all scaffolding on completion. Providing space for office accommodation, and for storage of plant and materials; allowing use of sanitary accommodation; the supply of all necessary water, and lighting; and clearing away all rubbish. The Contractor shall also accept liability for and bear the cost of Special Attendance on Nominated Sub-Contractors, which shall				
EQ	Fixed Cost	Item		1	
ER	Value Related Cost	Item		1	
ES	Time Related Cost	Item		1	
	SUBCONTRACTORS	H3		0	
ET	Before placing any orders with Nominated Sub-Contractors or Nominated Suppliers the Contractor must ascertain that the terms and conditions of the quotations and the dates of delivery of materials or execution of works comply with the terms of Contract and the Progress Schedule.	Item		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	PRIME COST RATES	H3		0	
	The Cost of "Fix Only" materials to be obtained from Nominated Suppliers which are Where description of items includes a P.C. rate per unit this rate is to cover the nett supply cost of the unit only. The Contractor's price must include for the cost of the unit at the rate stated, plus waste, taking delivery, storage, fixing in position, profit and overheads. The actual nett cost per unit will be adjusted within the Final Account against the P.C. rate stated.			0	
EU	Fixed Cost	Item		0	
EV	Value Related Cost	Item		0	
EW	Time Related Cost	Item		0	
	PROTECTION	H3		0	
	The Contractor shall cover up and protect from damage, including damage from inclement weather, all finished work and unfixed materials, including that of Sub-Contractors, etc., to the satisfaction of the Project Manager until the completion of the Contract, and carefully preserve all trees, bushes, plants, potted plants etc. on or near the Site.			0	
EX	Fixed Cost	Item		1	
EY	Value Related Cost	Item		0	
	Time Related Cost			0	
	CLEANING	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>The Contractor shall, upon completion of the Works, at his own expense, remove and clear away all surplus excavated materials, plant, rubbish and unused materials and shall leave the whole of the Site and Works in a clean and tidy state to the satisfaction of the Project Manager, including clearing away and making good all traces of temporary access roads, offices, sheds, camps, etc. Particular care shall be taken to leave clean all floors and windows and to remove all paint and cement stains. He shall also, at the discretion of the Project Manager, remove all rubbish and dirt as it accumulates. Cleaning shall be done as often as need arises and as many times as necessary. The Contractor is to find his own dump and shall pay all charges in connection therewith. The Contractor shall allow for protecting all work from damage in the course of cleaning and clearing any from site.</p>			0	
EZ	Fixed Cost	Item		1	
FA	Value Related Cost	Item		0	
FB	Time Related Cost	Item		0	
	CONTINGENCIES	H3		0	
	<p>A Provisional Sum for contingencies is provided in the Main Summary. This shall be omitted or expended in whole or in part at the direction of the Project Manager.</p>			0	
	NOTICES AND FEES TO LOCAL AUTHORITIES AND PUBLIC UNDERTAKINGS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Contractor shall allow for giving notices and paying any fees and charges in respect of compliance with Local Authority and Government Regulations.			0	
FC	Fixed Cost	Item	1		
FD	Value Related Cost	Item	1		
FE	Time Related Cost	Item	1		
	THE NATIONAL COUNCIL FOR CONSTRUCTION (NCC) PROJECT REGISTRATION	H3		0	
FF	The Contractor shall allow for paying any fees and charges with regard to project registration with the National Council for Construction (NCC).	Item	1		
	ANY OTHER MATTERS	H3		0	
	The Contractor shall allow here for any other matters not allowed for in this document which he considers necessary for the successful completion of the project.			0	
FG	Fixed Cost	Item	1		
FH	Value Related Cost	Item	1		
FJ	Time Related Cost	Item	1		
	PAYMENT OF PRELIMINARIES	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	The Valuation of Preliminaries included in interim certificates shall be in line with breakdown as provided and/or at value of works outlined herein. Where as a breakdown is not provided, the descretion of the Project Manager and/or Quantity Surveyor shall be utilised in line with the correct proportionment as a breakdown of the cost incurred as at the date of the valuation			0	
FK	Fixed Cost	Item		0	
FL	Value Related Cost	Item		0	
	Time Related Cost			0	
				0	
	DEMOLITIONS (ALL PROVISIONAL)	H2		0	
	Notes on demolitions	H3		0	
A	The contractor shall take all due care to provide shoring, needling, strutting and all temporary works necessary for supporting the existing structure in the course of demolitions and construction until it becomes self supporting	Item		1	
	All materials designed for reuse on site shall be cleaned and carefully set aside and protected until need for reuse. Other reusable materials from demolitions shall be the property of the employer and shall be bundled and handed over to the employer on site			0	
	All debris arising from demolitions shall promptly be removed from site			0	
B	An inventory of recoverable materials shall be issued and handed over to the client outlining a list of recoverable materials	Item		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C	All debris arising from demolitions shall promptly be removed from site and dumped to an approved local authority dump site	Item	1		
D	No extra claims in this section shall be entertained	Item	1		
E	Prior to demolitions, The contractor is to carry out a survey for existing services and shall notify the local authorities on all existing services in liaison with the client and shall ensure that consent be issued and approvals granted for any disturbances, relocations and removals of existing services. The contractor shall take due care of such during demolitions as no further claim shall be entertained on account of lack of knowledge in this respect having damaged any existing services.	Item	1		
F	The contractor must provide a rebate on individual items at an acceptable market value for all scrap metal and salvaged building materials, fittings and fitments either in whole or in part as described	Item	1		
	Demolitions, Downtakings and Alterations	H4	0		
G	Carefully take out the existing carpet, make good all works disturbed and dispose of to authorised dump site and prepare surface for new floor finishes (approx area 405m2)	Item	1		
H	Carefully hack out existing floor screed, remove debris from site, make good all works disturbed and prepare to receive new ones, Approx area 405m2	Item	1		



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
J	Carefully hack out existing terrazzo floor finish, remove debris from site, make good all works disturbed and prepare to receive new ones, Approx area 89m2	Item	1		
K	Carefully remove the existing ceiling boards and associated support framework by approved methods (Approximate areas of 405m2) discard debris from site, make good all trades disturbed	Item	1		
L	Carefully remove all air conditioning units complete with outdoor units and all other ventilations systems handover all recovered items to the client for his own use and make good all trades disturbed and remove debris off site	Item	1		
M	Identify all redundant power, telephone, communication and radio service cables and carefully remove them from the ceiling area.	Item	1		
N	Carefully take out wall mounted socket outlet fittings and switches, make good all work disturbed and prepare to receive new ones.	Item	1		
P	Carefully take out wall mounted hand driers, make good all work disturbed and prepare to receive new ones (2No.)	Item	1		
Q	Carefully take out the existing skirting remove debris from site to an approved dumping site and handing over all recoverable materials to the client for his own use, including making good all trades disturbed and prepare surface to receive ceramic tiles (m/s)	Item	1		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
R	Carefully take down light fittings, remove debris from site, make good all work disturbed and prepare to receive new one	Item	1		
S	Carefully take down broken or cracked window panes, remove debris from site, make good trades disturbed and prepare surfaces to receive new windows panes to architects specifications and satisfaction, size 1m2	Item	1		
T	Carefully take down hardwood timber door with associated door closer, mortice locks etc.(16 No.) and prepare to re-install new ones	Item	1		
U	Carefully hack out steel door frames (16No), remove debris from site, make good all trades disturbed and prepare to receive a new ones	Item	1		
V	Allow for the relocation of the existing furniture, fittings, shelves including books and files as directed by the architect, make good disturbed trades.	Item	1		
W	Carefully cut out any blisters and any other defects on plaster and prepare to receive new plaster	Item	1		
X	Carefully take down existing burglar bars, make good all trades disturbed and handover to the client	Item	1		
Y	Carefully demolish the existing concrete counter as directed by the architect, discard debris from site and make good all trades disturbed	Item	1		
Z	Carefully expose the cracks and allow for the injection/filling up of opened cracks with structural grout	Item	1		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AA	Carefully hack out existing ceramic tile, make good all works disturbed and prepare to receive new ones (approx area 167m2)	Item	1		
AB	Carefully hack out existing porcelain floor tiles, remove debris off site make good disturbed trades and prepare to receive new ones (approx area 43m2)	Item	1		
AC	Carefully hack out existing PVC floor tiles, remove debris off site make good disturbed trades and prepare to receive new ones (approx area 38m2)	Item	1		
AD	Carefully demolish approved existing 200mm block walls (To create openings) as directed by the architect and all other accessories, including supporting remaining walls, discard debris from site, make good all trades disturbed. (Approx area 48m2)	Item	1		
AE	Carefully demolish approved existing dry wall partitions as directed by the architect and all other accessories, including supporting remaining walls, discard debris from site, make good all trades disturbed. (Approx area 13m2)	Item	1		
AF	Carefully take out approved glass partitions as directed by the architect and handover to client, discard debris from site, make good all trades disturbed. (Approx area 32m2)	Item	1		
AG	Carefully disconnect sewer pipes, take down existing water closet (WC) suits, and prepare to receive new ones (4No.)	Item	1		
AH	Carefully disconnect water pipes, take down existing wash hand basins, and prepare to receive new ones (4No.)	Item	1		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AJ	Carefully disconnect water pipes, take down existing urinals, and prepare to receive new ones (2No.)	Item	1		
AK	Carefully take out toilet roll holders, make good all work disturbed and prepare to receive new one, 4No.	Item	1		
AL	Provide for any additional demolitions, down takings and removals not included but highlighted during the pre-bid inspection and allow for carting away or handing over recovered materials to the client and making good all trades disturbed.	Item	1		
			0		
	WALLING AND PARTITIONING SAMPLES	H2	0		
	PREAMBLES	H3	0		
A	Allow for providing samples of all bricks and blocks as described including testing in approved Laboratory to engineers satisfaction	Item	1		
	BLOCK WORK	H3	0		
	Hollow concrete block walling (of Minimum crushing strength of 3.5N/sq mm) to B.S.2028 in cement mortar (1:4)	H4	0		
B	Walling, thickness . 200 mm	m2	24		
	WALLING ACCESSORIES	H3	0		
	One layer of three ply bituminous felt sheeting as damp proof course as described well lapped at joint sand junctions (measured net)	H4	0		
C	On 200 mm Walls.	m	9		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	26 Gauge mild steel "Brickforce" reinforcement laid horizontally in mortar joint with 100mm end laps	H4		0	
D	To walling, width size 200 mm	m		45	
	DRY WALL PARTITIONING	H3		0	
E	12mm thick Gypsum dry wall partitions as 'saint gobain gyproc drywall of RSA' in 63.5mm Donn UltraSTEEL framework complete with all accessories, Skimmed and painted over with 3 coats double velvet paint as 'Plascon' all the satisfaction of the Architect as per detail	m2		49	
	ALUMINIUM GLASS PARTITIONING	H3		0	
	Natural anodised Aluminium framed partitioning by approved specialist with 8.4mm thick laminated clear glazed top panels & 8.4mm laminated bottom boards fitted with locking devices, handles, bolts complete with associated fittings and fitments to make it workable and fixing in position to the satisfaction and approval of the Architect	H4		0	
F	8.4mm thick laminated clear glazed top panels and 8.4mm laminated bottom boards panels in natural anodized aluminium frame	m2		197	
				0	
	INTERNAL FINISHINGS	H3		0	
	PREAMBLE NOTES	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	The Contractor shall allow for provisional of all finishes samples for approval by the Architect and Project Manager. The approved sample shall be kept in the site office to be displayed through the project duration	Item	1		
	Ceiling finishes	H3	0		
	Suspended Ceiling; in aluminium grid including fixing with wire to support to architects approved samples	H4	0		
B	Aluminum Grid Ceiling 600 X 600 X 15mm Acoustic Ceiling Panels Niddled 68/n reveal edge in white T25 GRID, Shadow Line Wall Trim including 2.5mm wire hangers and fixing all according to manufacture's specification, heights not exceeding 3000mm	m2	603		
	Bulkhead ceilings measured complete with support framework and skimming with rhinolite as required including fixing with wire to support to architects approved samples	H4	0		
C	9.5mm skimmed gypsum plasterboard ceiling to horizontal and vertical bulkhead members including suspending on concealed galvanized steel branding at centres as required complete with all suspension systems and nailing gypsum ceiling panel with 25mm dry wall screws spaced at 150mm centres height not exceeding 3500mm AFFL.	m2	14		
	Supply and Fix Cornices to Match ceilings	H4	0		
D	Donn SM25 recessed aluminium shadow line cornice fixed to manufacturers detail	m	21		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
E	Gypsum cornice fixed to manufacturers detail	m	22		
	Wall Finishes	H3	0		
	Render; cement and sand (1:4); steel trowelled smooth;internally	H4	0		
F	13 mm coat to blockwork	m2	49		
	Prepare and minimum 3mm thick skim coat with rhinolite to	H4	0		
G	Plastered walls and columns	m2	942		
H	Existing soffits of concrete ceiling	m2	101		
	Prepare and apply three coats approved PVA paint in approved PLASCON paint to the approval and satisfaction of the Architect	H4	0		
J	To existing walls internally and columns	m2	942		
K	To existing soffits of concrete ceiling	m2	101		
	marmoran finish	H4	0		
	Prepare and apply exterior quality granular finish as marmoran ( from plascon Paints or other equal and approved ) to facework as described	H4	0		
L	To plastered walls internally	m2	32		
	Restoring and polishing existing copper cladding to the approval and satisfaction of the Architect	H4	0		
M	Restore and polish existing copper wall tile cladding. (missing tiles to be replaced)	m2	31		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Porcelain wall tiles complete with all tile fix, spacers and grouting as required to manufacturers details in client approved colours	H4		0	
N	600 x 200 x 10 mm porcelain wall tiles on walls all to manufacturers specifications as approved by the architect	m2		143	
	200 x 200 x 6mm ceramic coloured glazed wall tiles with approved adhesive and pointed in lighter grout to joints to clients approved colour range and to the satisfaction of the Architect	H4		0	
P	Tiling to walls	m2		25	
	300mm x 300mm royal blue color mosaic tile with oatmeal grouted joints 1200mm above floor finish and 600mm high, to match other floors	H4		0	
Q	Tiling to walls	m2		6	
	Tile Trims, Edges etc	H4		0	
R	Allow for stainless steel Tile trims, edge Trims/strips, corner strip and middle lines as per architect drawing	Item		1	
	Prepare and apply three coats 'PVA' paint as 'plascon' or equal and approved in Client Approved colours to plastered walls	H4		0	
S	Plastered Sides and Soffits of Ceilings and suspended slabs	m2		55	
	Prepare, touch up primer, one universal undercoat, and two coats 'Plascon' non - drip low gloss enamel finish to all window frames	H4		0	
T	Surfaces 100 - 200 mm girth	m		101	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Prepare, touch up primer, one universal undercoat, and two coats 'plascon' non - drip low gloss enamel finish to door frames	H4		0	
U	Surfaces 100 - 200 mm girth	m		89	
	Prepare, touch up primer, one universal undercoat, and two coats paint/varnish finish to all door surfaces	H4		0	
V	General Surfaces of flush doors	m2		120	
	Timber Cladding to columns	H4		0	
	Supply and fix rosewood timber cladding to specialist details and specifications as approved by the architect	m2		14	
W	Floor Finishes	H3		0	
	Porcelain floor tiles complete with all tile fix, spacers and grouting as required to manufacturers details in client approved colours	H4		0	
	600 x 600 x 10 mm porcelain floor tiles on bedding all to manufacturers specifications as approved by the architect	m2		52	
X	Polished terrazzo paving to approved colour comprising water repellent cement white marble chippings (mixing ration1:2) laid on cement and sand screed (measured separately)	H4		0	
	40mm thick paving to floors, laid in panels not exceeding 3m2 with 3mm thick brass or ebonite strips	m2		108	
Y	Skirting	H4		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
Z	Rosewood timber skirting fixed to floor and wall with approved adhesive, size . 120 x 25 mm	m		251	
AA	Grey polished terrazzo as skirting to walls, size 100 x 25mm	m		86	
	Rubber tiling fixed in accordance with manufacturers details to architects specifications	H4		0	
AB	600 x 600 rubber tiles on screeded floor	m2		5	
	Supply, deliver and install Carpet tiling including fixing with approved adhesive and accessories as required to architects approval.	H4		0	
AC	500 x 500mm monn plank tufted textured loop pile heavy commercial carpet tile on screeded floors, as supplied by "Belgotex" or other equal and approved complete with all accessories (types 1)	m2		501	
	Walk-Off Mat	H4		0	
AD	Supply, deliver and install walk off mat as 'Decramat walk off matt' Size 1700x1000mm to architects detail	No		1	
	Miscellaneous	H3		0	
	Cleaning	H4		0	
AE	Allow for cleaning of window panes to the satisfaction of the project manager	Item		1	
AF	Allow for cleaning terrazzo floor finish to the satisfaction of the project manager	m2		115	
				0	
	WINDOWS	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	PREAMBLES AND NOTES	H3		0	
A	All windows are measured complete with associated glazing, locking devices and all associated fittings and fitments. No extra claim will be entertained for non compliance of this item.	Item		0	
B	All sizes and specifications of items in this section should be confirmed and approved by the project architect prior to purchase	Item		0	
	Windows Installations	H4		0	
C	Allow for cleaning windows with soapy water to the satisfaction of the project manager	Item		1	
	Vertical Blinds	H4		0	
D	Supply and fix vertical blinds in the windows, Composition: 100% Polyester, Width as per equal divisions of total length of the window, Thickness 0.40 mm, material and colour shade as per client's choice.	m2		315	
	Glazing to windows (Replacement of broken glass)	H4		0	
E	4mm thick clear glazing to windows complete with fixing with window putty as required	m2		2	
				0	
	DOORS	H3		0	
	PREAMBLES AND NOTES	H3		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	The following items and descriptions shall be read in conjunction with the Arhitectural Drawings and Spefications which shall form part of the tender documents	Item		0	
B	All sizes and specifications of items in this section should be confirmed and approved by the project architect prior to purchase	Item		0	
	ALUMINIUM SHOPFRONTS AND DOORS	H3		0	
C	All works under this section are to be executed by an approved specialist	Item		1	
D	All doors under this section are measured complete with glazing and other associated fixtures	Item		1	
	Supply and fix the following Aluminium Doors by specialist measured complete with all locks, closers, and accessories	H3		0	
E	Natural anodised Aluminium Doors complete with 12mm thick laminated clear float glass with silicon sealed joints, comprising double aluminium doors with locking devices and all associated fixtures and fitments to make it workable to the satisfaction of the Architect, overall size .1800 x 2400 mm	No		1	
	Supply and fix rosewood doors as 'Kroup Wood' or other equal and approved	H4		0	
F	Supply and fix 45mm rosewood solid core flush double door (2 hrs fire rating) with solid edges and vertical grains as specified by the architect, overall size. 1800 x 2030 mm (Type D 01)	No		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
G	Supply and fix 45mm rosewood solid core flush single door with solid edges and vertical grains as specified by the architect, overall size. 900 x 2000 mm (Type D 02)	No	14		
H	Supply and fix 45mm rosewood solid core flush single door (2 hrs fire rated) with solid edges and vertical grains as specified by the architect, overall size. 1200 x 2000 mm (Type D 06)	No	1		
J	Supply and fix 45mm rosewood solid core flush double door (2 hrs fire rated) with solid edges and vertical grains as specified by the architect, overall size. 1200 x 2000 mm (Type D 09)	No	1		
K	Supply and fix 45mm rosewood solid core flush double door with solid edges and vertical grains as specified by the architect, overall size. 1200 x 2000 mm (Type D 08)	No	1		
L	Supply and fix 45mm rosewood solid core flush single door (2 hrs fire rated) with solid edges and vertical grains as specified by the architect, overall size. 1200 x 2000 mm (Type D 06)	No	1		
	Supply and fix the following rosewood faced solid core flush single door to BS 459 Part 2 to be painted gloss.	H4	0		
M	Supply and fix 44mm semi solid core flush door faced both sides with 6mm interior quality hardboard for painting and hardboard lipped all round as supplied by 'Mukatasha' or any other equal and approved, size 700 x 2000mm	No	16		
	PRESSED STEEL DOOR FRAMES	H3	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply and fix 14 Gauge pressed steel door frames as 'Monarch (Z) Limited' complete with fixing lugs, temporary supports and 3 No. 100mm long steel butt hinges per door leaf, fixed to jambs, lock cleat and temporary installation supports, shop primed with red oxide before delivery and fixing to masonry/concrete/steel jambs as required	H4		0	
N	Frame of 2 M profile , double rebate for double door, size 1200 x 2000 mm	No		1	
P	Frame of 2 M profile , single rebate for single door, size 900 x 2000 mm	No		2	
Q	Frame of 2 M profile , Single rebate for single door, size 700 x 2000 mm	No		16	
R	Frame of 2 M profile , single rebate for double door, size 1800 x 2030 mm	No		1	
	STANDARD DOUBLE REBATED MS PRESSED ALUMINIUM DOOR FRAMES	H3		0	
	Supply and fix standard double rebated MS pressed aluminium door frames as complete with fixing lugs, temporary supports and 3 No. 100mm long steel butt hinges per door leaf, fixed to jambs, lock cleat and temporary installation supports, shop primed with red oxide before delivery and fixing to wall/partition walls jambs as required	H4		0	
S	Frame of 2 M profile , double rebate for single door, size 1200 x 2000 mm	No		2	
T	Frame of 2 M profile , double rebate for double door, size 1200 x 2000 mm	No		1	
U	Frame of 2 M profile , single rebate for single door, size 900 x 2000 mm	No		12	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Ironmongery - supply and fix with matching screws	H4		0	
V	Three lever mortice Lock as spring latch & deadbolt lock 25mm (QD25x85mm-SS)	No		37	
W	Rubber floor mounted type door stops screwed to floor or wall as Satin SS(87001SS)or other equal and approved	No		40	
X	Door closers as 'CAM action Closer EN1-4 HO SIL (DC500HO)' or other equal and approved	No		40	
				0	
	FURNITURE, FITTINGS AND EQUIPMENT	H2		0	
	PREAMBLES TO FURNITURE, FITTINGS AND EQUIPMENT	H3		0	
A	All items measured shall be read in conjunction with the relevant architectural and engineering drawings	Item		1	
B	All items measured herein are provisional and the contractor shall allow for provision of samples for approval	Item		1	
C	All items measured herein shall be deemed to including all fixing nails, screws, bolts, washers, nuts and all builders works associates with drillings and making holes as required	Item		1	
D	The contractor shall allow for taking exact measurements on site prior to manufacture and supply of furniture, fittings and equipment.	Item		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
E	All items measure complete shall be deemed to include all accessories, including hinges, locks, rails, wheels, handles, locks keys unless stated otherwise	Item	1		
F	All items to be to Bank of Zambia Specifications	Item	1		
	FURNITURE AND FITTINGS	H3	0		
	SHELVINGS, CABINETS AND WORKTOPS	H3	0		
	Supply and fix the following fittings complete with all fixtures and fitments including accessories to make them workable to project managers approval	H4	0		
	Kitchen units	H4	0		
G	Kitchen unit comprising of granite worktop with provision for 1no. 1800mm long double bowl sink complete with all shelving compartments, laminated melamine shelves, vertical division, concealed end against wall, Brushed stainless steel handles, complete with all accessories as per architectural drawing .Kitchen unit (L shaped) size 3400 x 600 x 900mm high	No	1		
	Supply and fix the following in Shelvings complete with all required branderings and fixing accessories as required	H4	0		
H	18mm Medium Density Fibre board (MDF) shelving finished with Gloss facings and rounded edged with 2mm PVC edging (machine glued) including backings, fixing to walls/columns with brackets and/or brandering vertically or horizontally as per architects drawings	m2	54		



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply and fix the following Worktops and Cabinets complete with all fixtures and fitments including accesories to make them workable to project managers approval	H4		0	
J	600mm wide Sanitary Vanity units size comprising 30mm thick rounded edge Granite worktop complete with Melamine covered Medium Density Fibre (MDF) Boards as shelving and doors with top opening for and integral basin, the whole fitted in position on and including metal brackets and structural framework and sealed at all intersections and junctions	m2		5	
	TABLES	H3		0	
	Supply, deliver and install office desks size 2000mm x 600mm with adjustable height from 720mm to 840mm. Table tops should be 25mm fine chipboard class E1, melamine double coated	H4		0	
K	Office desks to the satisfaction and approval of the Project Manager.	No		6	
	Supply, deliver and install Boardroom table size 3200mm x1200mm with adjustable height from 720mm to 840mm. Table tops should be 25mm fine chipboard class E1, melamine double coated	H4		0	
L	Boardroom table to the satisfaction and approval of the Project Manager.	No		1	
	Supply, deliver and install workstation size 3000mm x1400mm with height from 720mm to 840mm. Table tops should be 25mm fine chipboard class E1, melamine double coated	H4		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
M	Modular office workstation to the satisfaction and approval of the Project Manager.	No	2		
	Supply and fix the study tables complete with all associated fixtures and fitments to make to workable to architects approval	H4	0		
N	Study tables the satisfaction and approval of the Project Manager.	No	18		
	LIBRARY SHELVES	H3	0		
	Supply and fix library shelves complete with all associated fixtures and fitments to make it workable to architects approval	H4	0		
P	Double Side Shelf MDF Library Bookshelves (5 Layers) to the satisfaction and approval of the Project Manager. size 640 x 2800 x 2000mm high	No	5		
Q	Ditto Single Side Shelf size 320 x x 2800 x 2000mm high	No	3		
	OFFICE FILING CABINETS	H3	0		
	Supply and fix office cabinets complete with all associated fixtures and fitments to make it workable to architects approval	H4	0		
R	4-layer wooden (plywood) Drawer Cabinet with 4 Drawers and locking devices to the satisfaction and approval of the Project Manager. size 3500 x 500 x 1800mm high	No	2		
S	Ditto size 2300 x 500 x 1800mm	No	5		
T	Ditto size 1250 x 500 x 1800mm	No	1		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
U	Steel Locker Cabinet (single-Door) Built-In Steel Handles to the satisfaction and approval of the Project Manager. size 600 x 500 x 1800mm high	No		3	
	CHAIRS	H3		0	
V	Office chairs, Boardroom chairs, Workstation chairs etc. to the satisfaction and approval of the Project Manager.	No		57	
	LOOSE FURNITURE	H3		0	
W	Single seater leather sofas to the satisfaction and approval of the Project Manager.	No		2	
X	Double seater leather sofas to the satisfaction and approval of the Project Manager.	No		1	
Y	Triple seater leather sofas to the satisfaction and approval of the Project Manager.	No		1	
	ADDITIONAL FITTINGS	H3		0	
Z	Provide for additional fixtures and fittings a provisional sum of Zambian Kwacha Forty Thousand Only	Item		1	
				0	
	PLUMBING INSTALLATION	H2		0	
	Cold water Installation	H4		0	
	CPVC Pipes	H4		0	
	CPVC and PPR pipes and fittings or equal and approved and fixing to Manufacturers instructions			0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A	Pipe jointed with compound or tape and fixed to walls, in walls and service ducts with pipe rings and back plates, diameter. 32mm	m		12	
B	Ditto diameter, 15mm	m		10	
	Bends/Elbows	H4		0	
C	Extra for 15 mm diameter elbow	No		10	
D	Extra for 32 mm diameter elbow	No		14	
	Tees	H4		0	
E	Extra for 32 x 32 x 32mm diameter equal T	No		8	
	Reducers	H4		0	
F	Extra for 32/15mm diameter reducer	No		10	
	Flexible connectors	H4		0	
G	300mm long 15mm steel braided flexible connector	No		10	
	Isolation Valve	H4		0	
H	Isolation valve with wheel head and jointed to 15mm diameter pipe	No		10	
	Builders work	H4		0	
	Builders Work in connection	H4		0	
J	Allow for Builders Work in connection with Plumbing Installations	Item		1	
	Chlorination	H4		0	
K	Include for sterilization of entire of the water system to Architects satisfaction	Item		1	
	Testing	H4		0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
L	Include for pressure testing all pipework to Architect's satisfaction	Item	1		
	SOIL DRAINAGE	H3	0		
	U.P.V.C Pipes and fittings class 34 or equal to B.S 4514 ( Refer to Terrain Product Handbook PH. 04)	H4	0		
M	110mm diameter pipes as per drawing	m	7		
N	50 mm diameter waste pipe in walls/under slab	m	14		
P	Extra for pan connector, diameter . 110mm	No	4		
Q	Extra for elbow, diameter . 110mm	No	6		
R	Extra for "Y" Junction, diameter . 110mm	No	3		
S	Extra for access bend, diameter . 110mm	No	2		
T	Extra for 50 mm bend with inspection eye	No	2		
U	Extra for 50 mm bend	No	2		
V	Extra for 50 x 50 x 50mm T	No	4		
	Traps	H4	0		
W	Stainless steel Bottle Traps, diameter. 50mm	No	6		
	Supply and fix as described the following sanitary appliances including 13mm diameter Flexible connectors, 13mm Angle regulating valves and jointing to some overflow, waste and soil pipe	H4	0		
	Water Closet (WC) Suite	H4	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
X	White glazed ceramic Water closet suite, closed couple as 'Atlas Back to Wall top Inlet WC ,Code : FS110291000000 ', complete with wash down pan with P trap including domex screws, 9 litre ceramic cistern with sides supply fitting , rigid plastic seat and cover	No	4		
	Kitchen Sink	H4	0		
Y	Double bowl stainless steel kitchen sink of size 1200 x 500mm complete with chrome plated 40mm waste fittings, plugs, chain stays, overflow, sink mixer as 'cobra', chrome plated bottle trap with 75mm deep seal and chain waste fitting as per architect detail drawing	No	1		
	Wash Hand Basins	H4	0		
Z	White glazed Vitreous China wash hand basin as '500 x 470 mm Vero Basin One Tap hole Basin Grounded ,Code : 0454500027 ' With and including 15mm diameter chromium plated mixer as 'HG decor Basin Mixer 100 w/o Rode Chrome ,Code : 3115 7223', overflow and waste, fixed with semi - concealed brackets reference 8118, to background plugging, size 500 x 470 mm	No	4		
	Urinal	H4	0		
AA	White glazed Vitreous Urinal Bowl as 'Atlas Geo Back Entry, Code :FS11161A500000 ' supplied complete with flushing unit with push button including 15mm diameter chromium plated supply as 'COBRA', overflow and waste, fixed with concealed brackets as per engineers specifications, to background plugging, size	No	2		
	Urinal Partition	H4	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AB	Urinal partition as 'Atlas Urinal Separator ,Code FS17262' complete with all accessories as per architect detail	No	1		
	Toilet Roll Holder	H4	0		
AC	Double toilet Roll Holder in stainless steel as 'EXO S676EX ' or other equal and approved wall mounted as per architects detail	No	4		
	Towel Dispenser	H4	0		
AD	Towel dispenser in stainless steel of size 300(w)x134(d)x305(h) as 'STRATOS STR X672' and fixing to wall as per manufacturer's instructions and specifications	No	2		
	Liquid Soap Dispenser	H4	0		
AE	Soap dispenser and fixing to manufacturer's instructions and specifications as 'EXO S618EW' or other equal and approved	No	2		
	Paper Towel Dispenser	H4	0		
AF	Paper towel dispenser as 'EXO S600EW' in stainless steel and fixing to wall as per manufacturer's instructions and specifications	No	2		
	Hat and Coat Hangers	H4	0		
AG	Chromium plated surface mounted hat and coat hangers as 'EXO S600EW' including all fixing to battens or walls with screws and all accessories as per architects detail	No	4		
	Waste bin	H4	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AH	Waste bin in stainless steel as 'STRATOS STR X605' or other equal and approved and fixing to wall as per manufacturer's instructions and specifications	No		2	
	Mirror	H4		0	
AJ	1200 x 600 x 6 mm Float glass mirror; silver leaded backing; polished edges; to plastered and painted background; fixed with chromium plated dome-headed cupscrews; beveled edges; at all wash basins	No		4	
	HAND HELD FIRE FIGHTING EQUIPMENT	H3		0	
	All hand held equipment to be in accordance with ZABS and SANS standard with final positioning to be determined on site			0	
AK	All hand held fire fighting equipment (Fire horse reels) are to be provided with housing complete with glazing as per architects detail	Item		1	
	Supply and fix the following handheld fire fighting equipment	H4		0	
	Supply and fix Fire Hose Reel	H4		0	
AL	Fixed type hose reel of 25 mm hose 30m long with metal case, spray nozzle, gride bracket, stop valve and wall mounting bracket as specified on drawing	No		2	
	Fire extinguisher	H4		0	
AM	Dry chemical powder (DCP) type fire extinguisher with wall fixing brackets complete with all accessories as per engineers specifications, capacity 9 Kg	No		5	
AN	Ditto, capacity 4.5Kg	No		2	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AP	Carbon dioxide (CO2) type fire extinguisher with wall fixing brackets, capacity 9 Kg	No		5	
AQ	Ditto, capacity 4.5Kg	No		2	
	Builders Work in connection	H4		0	
AR	Allow for Builders Work in connection with Plumbing Installations	Item		1	
	Additional Plumbing Installation	H4		0	
AS	Provide for Additional Plumbing Installations a Provisional Sum of Zambian Kwacha Ten Thousand Only	Item		1	
				0	
	AIR CONDITIONING INSTALLATION	H3		0	
	Notes to Air Conditioning Installation	H4		0	
	The following items and descriptions shall be read in conjunction with the Mechanical Engineers Drawings which shall form part of the tender documents			0	
	The itemised breakdown of the Tender Price as listed below shall form only as an indication of the breakdown value for this contract works.			0	
	The descriptions stated in the breakdown of the Tender Prices are not comprehensive. The tenderer shall price the contract work in accordance with the tender drawings and documents			0	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	No claim for extra or otherwise shall be considered for any trade/items/works as specified and shown in the tender drawings and specifications but not described hereunder.			0	
A	All air conditioners to be supplied complete with remote controller, insulated refrigerant and drain piping (to run concealed in drip trays to outside)	Item	1		
B	All outdoor units to be mounted on external wall above window and to be provided with lockable security cages.	Item	1		
C	All refrigerant and drain pipes to run concealed in trunking where exposed	Item	1		
D	All air conditioning units to be protected against voltage surge and phase failure.	Item	1		
E	All refrigerant and Condensate piping to be insulated and installed as described	Item	1		
F	All Air Conditioning units (indoor units) have been measured complete with the respective outdoor units	Item	1		
	Notes to Extract Fan Installation	H4	0		
G	All extract fans to be supplied complete with fan speed and all other necessary ancillaries and fixings.	Item	1		
	Notes to Door Grilles Installation	H4	0		
H	All door grilles to be supplied complete with all necessary ancillaries.	Item	1		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply, deliver, install connect and set to work the following Air conditioners complete with remote controller, insulated refrigerant and drain piping as specified or others of similar standard, performance and Specification approved by the Mechanical Engineer on the relevant drawing	H4	0		
J	Samsung Ceiling mounted type Air-conditioning unit as 'AC052MNJDKH/EU' Comprising indoor and outdoor units or similar approved, 17,100 BTU/HR cooling capacity, operated at 220-240V/1PH/50HZ 5kW, Dimensions; 720x199x620mm complete with remote controller, insulated refrigerant and drain piping, high head drain pump, voltage surge and under voltage protection and refrigerant pipes to run in ceiling space AC Ref A	No	6		
K	Samsung Ceiling mounted type Air-conditioning unit as 'AC026MNJDKH/EU' Comprising indoor and outdoor units or similar approved, 8900 BTU/HR cooling capacity, operated at 220-220V/1PH/50HZ 2.6kW, Dimensions; 720x199x620mm complete with remote controller, insulated refrigerant and drain piping, high head drain pump, voltage surge and under voltage protection and refrigerant pipes to run in ceiling space AC Ref B	No	2		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
L	Samsung Ceiling mounted type Air-conditioning unit as 'AC100MNCDKH/EU' Comprising indoor and outdoor units or similar approved, 34100 BTU/HR cooling capacity, operated at 220-220V/1PH/50HZ 10kW, Dimensions; 1650x235x675mm complete with remote controller, insulated refrigerant and drain piping, high head drain pump, voltage surge and under voltage protection and refrigerant pipes to run in ceiling space AC Ref C	No		1	
M	Samsung Floor standing type Air-conditioning unit as 'AM280JNPDKH/TK' Comprising indoor and outdoor units or similar approved, 95000 BTU/HR cooling capacity, operated at 220-220V/1PH/50HZ 28kW, Dimensions; 1100x1800x485mm complete with remote controller, insulated refrigerant and drain piping, high head drain pump, voltage surge and under voltage protection and refrigerant pipes to run in ceiling space AC Ref H	No		1	
	Supply, deliver, install connect and set to work the following Extract Fans complete with fan speed, power surge protector, power plugs and all other necessary ancillaries and fixings as specified or others of similar standard and performance. Specification approved by the Mechanical Engineer on the relevant drawing	H4		0	
N	Window/wall extract fan as "Vortice", Delivery max 18l/s, operated at 220V/1PH/50HZ 0.0308 kW, Nominal Diameter 90mm, supplied complete with fan speed and all other necessary ancillaries and fittings. Fan ON/OFF to be controlled by light switch, Ref F	No		4	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
P	Window/wall extract fan as "Vortice", Delivery max 333l/s, operated at 220V/1PH/50HZ Nominal Diameter 262mm, supplied complete with fan speed and all other necessary ancillaries and fittings. Fan ON/OFF to be controlled by light switch, Ref G	No	2		
Q	Window/wall extract fan as "Vortice", Delivery max 93l/s, operated at 220V/1PH/50HZ Nominal Diameter 120mm, supplied complete with fan speed and all other necessary ancillaries and fittings. Fan ON/OFF to be controlled by light switch, Ref J	No	2		
	Air supply diffuser	H4	0		
R	150× 1200 mm air supply diffuser as 'Europair' with natural anodised aluminium finish, SD	No	3		
	Duct Work	H4	0		
	Rigid Ducts in galvanised sheet metal complete with 'Ductlok Flange System' as manufactured by 'Europair', specified external insulation and all necessary supports, fittings, brackets and fixings	H4	0		
S	750 x 200mm Rigid Duct	m	13		
	Builders Work in connection	H4	0		
T	Allow for Builders Work in connection with Air-conditioning Installations	Item	1		
	Additional Air conditioning Installations	H4	0		
U	Provide for Additional Air conditioning a Provisional Sum of Zambian Kwacha Twenty Thousand Only	Item	1		
			0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	ELECTRICAL INSTALLATION	H1		0	
	Notes on Electrical Installation	H3		0	
	The following items and descriptions shall be read in conjunction with the Electrical Engineers Drawings which shall form part of the tender documents			0	
	CAS and IEE wiring rules shall be followed for all Electrical installations			0	
	DISTRIBUTION BOARDS	H3		0	
	Supply, deliver, install, connect and set to work the following Feeder pillars and Distribution Boards as specified on the relevant drawings. Distribution Boards shall be as 'DELTA'/EML approved by the Electrical Engineer prior to installation	H4		0	
A	Distribution Boards and feeder pillars to be in zinc coated sheet steel enclosure white in colour paint finish, lockable steel door and removable end plates, incorporating a brass neutral and earth terminal for pole outgoing way plus main earth stud all to B.S. 60439-3	Item		1	
	MDB : MAIN DISTRIBUTION BOARD	H4		0	
B	Main Distribution Board (MDB) Wall surface mounted type, white in colour, lockable, Comprising the following: 1 No. 80A TP MCB incomer 1 No. 40A TP MCB 1 No. 30A SP MCB 21 No. 20A SP MCB Incorporating 1No. 3 x 5kA lightning arrestors, Earth bar, by pass switch and all other accessories as shown on relevant electrical engineers drawings	No		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	MDB-IN : MAIN DISTRIBUTION BOARD ON INVERTER	H4	0		
C	Main Distribution Board on Inverter (MDB-IN) Wall surface mounted type, white in colour, lockable, Comprising the following: 8 No. 20A SP MCB 5 No. 10A SP MCB 1 No. 5A SP MCB Incorporating 1No. 20A contactor, by pass switch, photocell, Complete with all accessories as shown on relevant electrical engineers drawings	No	1		
	INTER-DISTRIBUTION BOARD CONNECTIONS	H3	0		
	Contractor to take physical site measurements for cables before ordering/installing at site		0		
	Supply, deliver, install, connect and set to work PVC conduits including cabling, cable glands, junction boxes, draw wires, switch and socket outlet boxes and all accessories as specified on the relevant drawings	H4	0		
D	Cabling size 4 core x 16 square millimetres PVC/SWA/PVC + 10sq.mm BCEW cable as 'ZAMEFA' from GENSET to MDB	m	26		
E	Cabling size 4 core x 10 square millimetres PVC/SWA/PVC + 10sq.mm BCEW as 'ZAMEFA' from MDB to MDB-IN	m	2		
	LIGHTING AND POWER INSTALLATION	H2	0		
	THE FOLLOWING LIGHTING FROM DISTRIBUTION BOARDS	H3	0		
	LIGHT POINTS	H3	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Supply, deliver, install, connect and set to work PVC conduits for lights and switches, including cabling, cable glands, junction boxes, draw wires, switch and socket outlet boxes and all accessories as specified on the relevant drawings	H4		0	
F	Light and associated switch points in 2 x 1.5 square millimetres CU/PVC + E square millimetres in conduits for light fitting	No		94	
G	Light and associated switch points in 2 x 1.5 square millimetres CU/PVC + E square millimetres in conduits for photocell	No		1	
	LIGHT FITTINGS	H3		0	
	Supply, deliver, install, connect and set to work the following electrical fittings as specified or others of similar standard and performance specification approved by the Electrical Engineer' drawing	H4		0	
H	Type A: Smartbright slim panel G2 RC091V W60L60 GM 34W 2600lm 4000K light fitting as 'PHILIPS' or other equal and approved	No		76	
J	Type B: Philips smartbright LED batten G2 L=1200mm 1200lm 4000K 14W	No		2	
K	Type D: 14W recessed LED downlight fitting with as "Ellies" CODE: FL14INTC or other equal and approved	No		11	
L	Type E: Surface mounted LED downlight as "EUROLUX LIGHTING" or other equal and approved	No		6	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
M	LED Strip light fitting, mounted around bulkhead, white light as 'PHILIPS FLEXTUBE 6.6W/m' or other equal and approved	m	12		
N	10A one gang one way light switch flush mounted as 'LEGRAND BELANKO 6 171 00 WHITE' or other equal and approved	No	28		
P	10A one gang two way light switch flush mounted as 'LEGRAND BELANKO 6 171 01, WHITE' or other equal and approved	No	1		
	POWER INSTALLATION	H2	0		
	POWER POINTS	H3	0		
	Supply, deliver, install, connect and set to work conduits for power and socket outlet and fittings including cabling, cable glands, junction boxes, draw wires, switch and socket outlet boxes and all accessories as specified on the relevant drawing	H4	0		
Q	Power points in 2 x 2.5 square millimetres Cu/PVC + E cables in conduits for 13A single socket fitting	No	4		
R	Power points in 2 x 2.5 square milimetres Cu/PVC + E cables in conduits for 13A double socket fitting	No	6		
S	Power point in 2 x 2.5 square milimetres Cu/PVC + E cables for 15A single socket outlet	No	2		
T	Power points in 2 x 4mm square milimetres Cu/PVC + E cables in conduits for socket outlet for isolators	No	16		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
U	Power points (dedicated power) in 2 x 2.5 square millimeters Cu/PVC + E cables in conduits for 13A double socket fitting	No		1	
V	Power point in 2 x 2.5 square millimetres Cu/PVC + E cables for power poles	No		2	
	Supply, deliver, install, connect and set to work cabling telephone/Computer/Data outlet points and all accessories as specified on the relevant drawings	H4		0	
W	Telephone point suitable for RJ45 CAT-6 cable.	No		3	
X	Computer data point suitable for RJ45 CAT-6 cable as "CABSTRUT"	No		3	
	Cable tray (as 'Cabstrut')	H3		0	
Y	300mm wide perforated cable tray complete with all accessories and mounting brackets at each 1.0 metre as specified by the engineer	m		42	
Z	300 wide medium duty horizontal elbow (bend) as 'CABSTRUT'	No		2	
AA	200mm wide heavy duty wire mesh cable tray for data cables complete with all accessories and mounting brackets at each 1.0 metre as specified by the engineer	m		42	
AB	300 wide heavy duty wire mesh horizontal elbow (bend) as 'CABSTRUT'	No		2	
	PVC Conduits	H3		0	
AC	Allow for PVC conduits and cross junctions complete with accessories as per electrical engineers drawings	Item		1	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	POWER FITTINGS	H3	0		
	Supply, deliver, install, connect and set to work the following power fittings as specified or others of similar standard and performance specification approved by the Electrical Engineer	H4	0		
AD	13A single switch socket outlet wall (flush) mounted as 'LEGRAND BELANKO' 6170 41, WHITE or other equal and approved	No	4		
AE	13A Double switch socket outlet flush mounted at 400mm AFFL or 200mm above worktop as 'LEGRAND BELANKO 6170 46' or other equal and approved	No	6		
AF	15A single switch socket outlet wall (flush) mounted as 'LEGRAND BELANKO' 6170 52, WHITE' or other equal and approved	No	2		
AG	20A Double pole single phase isolators as 'LEGRAND' or other equal and approved	No	16		
AH	13A double switched socket outlet trunking mounted for dedicated power red in colour, complete with backbox as 'LEGRAND ARTEOR" 5 721 30, RED or other equal and approved	No	1		
AJ	Hand dryer + 20A double pole switch, hand dryer mounted at 1400mm AFFL, switch at 2200mm AFFL as 'XPELAIR XHDI' or other equal and approved	No	2		
AK	2700mm ceiling to workstation power pole anodised finish complete with ceiling kit, desk flange and cover and comprising 8 power points and 4 data points and all accessories as per electrical engineers drawings	No	2		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AL	Telephone socket outlet wall flush mounted suitable for CAT-6 cable as " CABSTRUT RJ11"	No	1		
AM	Computer Data socket outlet wall flush mounted suitable for CAT-6 cable as " CABSTRUT RJ45"	No	1		
	Trunking	H3	0		
AN	2 compartment, 2 cover PVC power skirting 150mmx50mm depth as "LEGRAND" 0 104 27 or other equal and approved	m	66		
AP	Ditto Trunking riser as specified on relevant drawing	m	11		
AQ	2 compartment end cap "LEGRAND" 107 03 or other equal and approved	No	5		
AR	2 compartment internal/external elbow "LEGRAND" 106 06/106 35 or other equal and approved	No	6		
	Trunking mounted power point	H4	0		
AS	Power point for 13A double switch socket outlet trunking mounted at 350mm AFFL	No	22		
AT	Power points (dedicated power) in 2 x 2.5 square millimeters Cu/PVC + E cables in conduits for 13A double socket fitting	No	15		
	Trunking mounted fittings	H4	0		
AU	13A white double socket outlet for general use trunking mounted at 350mm AFFL as 'LEGRAND' or other equal and approved	No	22		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
AV	13A double switched socket outlet trunking mounted for dedicated power red in colour, complete with backbox as 'LEGRAND ARTEOR' 5 721 30, RED or other equal and approved	No	15		
	The following data outlet points complete with all necessary cabling and cable connections, conduit and conduit connections, trunking and trunking fittings and light switch boxes etc	H4	0		
AW	Data socket outlet point complete with all the necessary cabling, cable connections, conduits to trunking; walls and the like	No	16		
	Data outlet Fittings	H4	0		
AX	Computer data socket outlet fitting to trunking as 'CABSTRUT' RJ 45	No	16		
	The following telephone outlet complete with all necessary cabling and cable connections, conduit and conduit connections, trunking and trunking fittings and light switch boxes etc	H4	0		
AY	Telephone/data socket outlet point (RJ 45) complete with all the necessary cabling, cable glands, conduits to trunking; walls and the like	No	8		
	Telephone/Data port Fittings	H4	0		
AZ	RJ 45 Telephone outlet fitting to PVC trunking as 'Legrand'	No	8		
	Builders work in connection	H4	0		
BA	Allow for Builders Work in connection with Electrical installation	Item	1		
	Additional Electrical Installation	H4	0		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BB	Provide for additional electrical installation a Provisional Sum of Zambian Kwacha Twenty Thousand Only.	Item	1		
			0		
1	WALLING AND PARTITIONING	Page	45	0	
2	INTERNAL FINISHES	Page	50	0	
3	WINDOWS	Page	51	0	
4	DOORS	Page	55	0	
5	FURNITURE, FITTINGS AND EQUIPMENT	Page	59	0	
6	PLUMBING INSTALLATIONS	Page	65	0	
7	AIR CONDITIONING INSTALLATIONS	Page	69	0	
8	ELECTRICAL INSTALLATIONS	Page	77	0	
	PRIME COST SUMS	H2	0		
	SIGNAGE INSTALLATIONS	H3	0		
A	Provide for Signage Installations a Prime Cost Sum of Zambian Kwacha One Hundred and Fifty Thousand Only	Item	1	0.00	0.00
B	Add for Profit	%IT			
C	Add for general attendance on sub-contractor	%IT			
D	Add for special attendance on sub-contractor	%IT			
	Builders works in Connection with services	H3	0		
E	Allow for Builders works in connection with Signage installations	Item	1		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
				0	
1	NOTES AND SPECIFICATIONS	Page	7	0	
2	PRELIMINARIES AND GENERAL ITEMS	Page	38	0	
3	DEMOLITIONS/REMOVALS AND ALTERATIONS	Page	43	0	
4	MEASURED WORKS	Page	78	0	
5	PROVISIONAL AND PRIME COST SUMS	Page	79	0	
	SUB-TOTAL	ST	0		Sub Total
	CONTINGENCY	H3	0		
	Provide for contingency a provisional sum of Zambian Kwacha Six Hundred Thousand Only	Item	1	0.00	0.00
	Sub Total	ST	0		Sub Total
	Value Added Tax	TAX	16		
412	RATE#		0		