

Item	Description	Amount(GH¢)
	<u>BILL NO. 1 - PRELIMINARIES AND GENERAL CONDITIONS OF CONTRACT</u>	
	<u>PRELIMINARY PARTICULARS</u>	
	<u>Names of Parties</u>	
A	The following terms, wherever they occur shall be interpreted as hereunder:-	
	a) The term Employer shall be held to mean INTERNATIONAL ORGANISATION FOR MIGRATION (IOM-GHANA)	
	b) The term Project Manager shall be held to mean Messrs	
	c) The term approve, directed or selected shall mean the approval, direction or selection of the Consultant.	
	d) Wherever the word allow occurs the cost of the item is at the risk of the Contractor	
	Carried to Collection	

Item	Description	Amount(GH¢)
	<u>Description of Site</u>	
A	The site is situated at Santasi, Kumasi	
B	The Contractor shall be deemed to have visited the Site and satisfied himself as to: <ul style="list-style-type: none"> a) The nature of the Site is b) The amount of bush, rubbish or debris to be cleared away before commencement. c) The nature, proximity and size of adjoining property and building. d) The nature of existing communication by road or otherwise. e) The means of access to the Site. f) The availability of land for the erection and positioning of all structures, plant and materials necessary for the execution of the works. g) The conditions of the Sub-soil strata, water levels and climate likely to affect the execution of the works. g) The sources of adequate supplies of labour, plant and materials for the completion of the work. <p>Where trial holes have not been dug or where the Contractor wishes to excavate additional trial holes before submitting his tender, he may do so in positions to be agreed with the Consultant and at his sole expense, including the reinstatement of the ground if so required by the Consultant, the Contractor is to satisfy himself as to any difficulties that may present and to make all necessary enquiries to any points which in my opinion require further elucidation as no claim for lack of information on any of the above will be entertained.</p>	
C		
	Carried to Collection	

Item	Description	Amount(GH¢)
	<u>Description of Works</u>	
A	<p>The Works to be executed comprise the following;-</p> <p>i) use-conversion of hotel facility into migration health assessment centre</p> <p>ii) Electrical installation works</p>	
	<u>GENERAL MATTERS</u>	
B	<p><u>Pricing Preliminaries</u></p> <p>The Consultant shall price out individually and in detail all the items in this and any other sections of the Bills of Quantities as required and under no circumstance will lump sums be allowed.</p>	
	<u>Plant Tools and Vehicles</u>	
C	<p><u>Small Plant and Tools</u></p> <p>The Contractor shall provide for all necessary small plant such as barrows, planks, picks, shovel, etc. and small tools required in the execution of the works.</p>	
D	<p><u>Cranes</u></p> <p>The Contractor shall allow for the costs of the provision and use of all necessary cranes for lifting materials and components on the site.</p>	
E	<p><u>Hoists</u></p> <p>The Contractor shall allow for the costs of the provision and use of all necessary hoists for lifting materials and components on the site.</p>	
F	<p><u>Transport</u></p> <p>The Contractor shall provide for the cost of all necessary transport required for the conveyance of materials, components and equipment to be used for the execution of the works.</p>	
G	<p><u>Earthmoving Plant</u></p> <p>The Contractor shall allow for the costs of the provision and use of all earthmoving plant required for the execution of the works.</p>	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	<p><u>Concrete Plant</u></p> <p>The Contractor shall allow for the costs of the provision and use of all concrete plant required for the execution of the works.</p>	
B	<p><u>Paving and Surfacing Plant</u></p> <p>The Contractor shall allow for the costs of the provision and use of all necessary paving and surfacing plant required for the construction of the building and external works.</p>	
C	<p><u>Safety, Health and Welfare of Workpeople</u></p> <p>The Contractor shall provide for all the costs incurred by and comply with all safety, health and welfare regulation appertaining to all operatives on the site, including the provision of protective clothing. Any accommodation required shall be cleared away on completion and the area made good.</p>	
D	<p><u>Notices and Fees to Local Authorities and Public Undertakings</u></p> <p>A provisional sum for the fees and charges, including rates upon temporary buildings which the contractor is required to pay to local authorities is included elsewhere in the bill of quantities.</p>	
E	<p><u>Setting Out of the Works</u></p> <p>The Contractor shall provide all necessary surveying instruments and ancilliary items required for setting out.</p>	
F	<p><u>General Foreman</u></p> <p>The Contractor shall provide all site administration costs including the cost of the person-in-charge in accordance with clause 7 of the conditions of contract.</p>	
G	<p><u>Transport for Workpeople</u></p> <p>The Contractor shall provide for all cost in respect of transport personnel to and from the site.</p>	
H	<p><u>Safeguarding the Works, Materials and Plant against Damage and Theft</u></p> <p>The Contractor shall safeguard the works, materials and plant against damage or theft, including the provision of all necessary watching and lighting</p>	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	<p><u>Maintenance of Public and Private Roads</u></p> <p>The Contractor shall maintain public and private roads, footpaths kerbs and channels and shall keep the approaches to the site clear of mud and dirt. The Contractor shall make good at his own expense any damage caused by his own or any sub-contractor's or supplier's transport and shall pay any necessary costs and charges.</p>	
B	<p><u>Police Regulation</u></p> <p>The Contractor shall at all times observe any police regulations particularly those relating to the loading and unloading of vehicles shall provide any necessary traffic control.</p>	
C	<p><u>Attendance on Site</u></p> <p>The Contractor shall provide for the provision of a general and special attendance required by the Consultant or the Clerk of Works.</p>	
	<u>Obligation imposed by the Employer</u>	
D	<p><u>Sufficiency of Tender</u></p> <p>The Contractor shall be deemed to have satisfied himself before tendering as to correctness and sufficiency of his tender for the works and of the prices inserted in the bills of quantities to cover all his obligations under the contract and everything necessary for the proper completion of the works.</p>	
E	<p>A price or rate shall be entered against each item in these Bills of Quantities. Any item not priced shall be deemed to have been allowed for in the other prices or rates in these Bills of Quantities. The prices or rate inserted shall be the fully inclusive value of the work described under the several items including all costs and expenses which shall be required in and for the work described.</p>	
F	<p><u>Supply of Materials and Goods</u></p> <p>The Contractor shall ensure that all necessary materials and goods shall be delivered to the site in the correct quantities and quality and at the required time.</p>	
G	<p>The whole of the material (except where otherwise described) and equipment required for the performance of the contract by the Contractor must be provided through normal trade channels and shall include for the payment of all necessary bank charges, opening letters of credit establishing import licensing agent's fees and other similar charges delivered to site and must be the best of their kind available at the time and the Contractor must be entirely responsible for the proper and efficient carrying out of the work.</p>	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	Sample of all material to be used must be submitted to the Consultant or his representative on the site.	
B	On the date of the signing of the contract the Contractor is to make it a review of the materials he will require for the execution of the works and he is to place orders for such materials without delay in order that materials are delivered to the site as they are required. All materials which can be stored on site with the approval of the Consultant without deterioration or damage are to be purchased and stroed as soon as possible.	
C	<u>Protection of works from surface and ground water</u> Allow for protecting the works from surface and ground water	
D	<u>Supply of material and Goods (Cont'd)</u> In the Bills of Quantities and in all instances in which articles and material of a propriety manufacture the described articles and materials of a propriety manufacture may be substituted provided that such articles and materials are similar in design and details, size, shape and quality to those described and are equally suitable for the purpose for which they are required and provided such substituted articles and materials have been approved in writing by Consultant.	
E	<u>Upkeep of documents on the Site</u> All loose copies of documents which are required to be maintained by the Contractor on the site, such as one reference set of drawings with any revisions, site instructions and delivery notes shall be kept fastened in suitable covers/files in the site office, for protection against loss or dmage and for easy accessibility. Any document removed from these files shall be recorded therein so that it can be traced when required. At practical completion the Contractor shall request the Consultant's instructions regarding the further treatment of the collected documents.	
F	<u>Confidentiality of Documents</u> The Contractor shall treat the Contract and everything within it as private and confidential. In particular the Contractor shall not publish any information, drawing or photograph relating to the works except with the written consents of the Consultant and subject to such conditions as he may prescribe.	
G	<u>Contract Bills and Method of Measurement</u> The quality and quantity of the work included in the Contract sum shall be deemed to be that which is set out in the contract Bills which Bills unless otherwise expressly stated in respect of any specified item of items shall be deemed to have been prepared in general accordance but not in every detail with the Standard Method of Measurement of Building works Fifth Edition metric issued by the Royal Institution of Chartered Surveyors, but save as aforesaid nothing contained in the Contract Bills shall override, modify or affect in any way whatsoever the application or interpretation of that which is contained in these conditions.	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	The method of measurement has been abridged to reduce and simplify the number or items. The Contractor's attention is drawn to these amendments which are set out under "General Notes on Method of Measurement" and the tender figures are to include for the labour and materials included therein.	
B	<u>Contract Bills and Method of Measurement (Cont'd)</u> Any error in description or in quantity or in omission of items from the contract bills shall not vitiate this contract but shall be corrected and deemed to be a variation required by the Consultant.	
C	<u>Materials and Workmanship</u> Materials, components and workmanship shall be of good quality and in accordance with the British Standards and codes of Practice Prescribed.	
D	<u>Quality Control</u> The Contractor shall carry out the various Quality Control procedures described in the specifications to ensure that the required quality standards are achieved.	
E	<u>Tests</u> The Consultant may, when he considers advisable test any materials before they leave the maker's premises as well as on site and the Consultant shall be at liberty to reject any materials after delivery should he consider them unsatisfactory notwithstanding the Preliminary test and approval of the materials at the maker's premises. The costs of these tests are to be borne by the Contractor.	
F	<u>Noise and Pollution Control</u> The Contractor's attention is drawn to the control of noise in relation to any demolition and contribution works and to the obtaining of any necessary prior consents from the responsible authority. The contractor shall comply with all requirements and restrictions that may be imposed and shall cover any costs involved. No instruction issued to the Contractor by the Consultant shall relieve the Contractor from his responsibility for compliance. The Contractor shall provide for taking all reasonable precautions to ensure the efficient protection of all streams and waterways against pollution arising out of or by reason of the execution of the works. The Contractor shall provide for taking all necessary precautions to prevent nuisance from water, smoke, dust, rubbish and other cases.	
G	<u>Maintain Adjoining Building</u> The Contractor shall allow for taking all necessary precautions to prevent any damage occurring to adjoining building and boundary walls and to reinstate any damaged parts from works at his own expense.	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	<p><u>Maintain Live Services</u></p> <p>The Contractor shall establish the position of, protect, unhold and maintain all pipes, ducts, sewers. Service mains, overhead cables and the like during the execution of the works. The Contractor shall make good any damage due to any causee within his control at his expense or pay all resultant costs and charges. Where it is necessary to interrupt any such mains or services for the purpose of making permission shall be obtained from the Consultant and where appropriate, from the Local Authority or Statutory undertaking and the duration of any interruption kept to a minimum.</p>	
B	<p><u>Security</u></p> <p>The Contractor shall provide for carrying out adequate security arrangements designed to prevent vandalism and theft and all materials and goods on the site</p>	
C	<p><u>Method and Sequence of Work</u></p> <p>The Contractor, upon acceptance of his offer shall proceed immediately with the preparation of a programme or statement clearly identifying the sequence of all operations and the time limit within which the Contractor proposes that each operation shall be commenced and completed. The Contractor in preparing the works embraced in this contract including the work of nominated sub-contractors, local authorities and statutory undertakings, whether engaged by him or directly by the employer.</p>	
D	<p>The Consultant shall supply the Contractor with adequate details of all work to be carried out by other engaged directly by the employer where such work is to be integrated with the work under this contract. Upon the agreement or negotiated amendment of the programme by the Contractor shall be responsible for executing the works in conformity with it.</p>	
E	<p>Two copies of the agreed programme are to be supplied to the Consultant within seven days of agreement being reached. At the same time the Contractor shall issue to the Consultant a statement setting out the the dates by which drawings and other instructions are required by him for the implementation of the agreed programme.</p>	
F	<p><u>Use of Site</u></p> <p>The whole of the site as shown is available to the contractor. No operations shall trespass beyond the limits of the working area other than to carry out works in connection with the contract. All temporary buildings, plant, spoil heaps are to be sited in positions approved by the Consultant.</p>	
G	<p><u>Use or disposal of materials found</u></p> <p>The Contractor shall not excavate on the site for sand or grave, but any obtained from the excavations shall remain the property of the Employer and may if approved by the Consultant be used in the work. The quantity so used shall be measured and the value assessed and deduted from the contract sum.</p>	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	All objects value or antiquity found on the site shall remain the property of the Employer and such finds shall be immediately reported to the Consultant.	
B	<u>Name Board</u> The Contractor shall, immediately upon the commencement of the works and in accordance with details supplied by the Consultant, make and erect a sign board showing the name and the crest of the Employer and such other information and shall be directed by the Consultant. The cost of the sign board including erection, taking down, removing and making good all work disturbed is covered by a provisional sum included elsewhere in the Bill of Quantities.	
C	The Contractor may erect his name board in a position approved by the Consultant bearing his name and address and those of his sub-contractors. This board shall be supplied and erected at the Contractor's expense. No other notices on advertisements shall be permitted upon any of the site.	
D	<u>Daily Returns</u> The Contractor shall furnish the Consultant with statements showing the number of men employed in all trades daily and with delivery notes of the materials delivered to the site.	
E	<u>Records of Temperature, Visitors, etc</u> The Contractor shall keep accurate records of the temperature, visitors and any other occurrences affecting the progress or quality of the works.	
F	<u>Replacement of Contractor's Employees</u> The Consultant or his agents shall have power to require the Contractor's immediately to cease to employ in connection with the contract and to replace any person whose continued employment there is in the opinion of the Consultant undesirable.	
G	<u>Explosives and Protection</u> All explosives or petroleum shall be stored in strict compliance with the regulations laid down by the competent statutory authority. Explosives shall not be used without the written permission of the Consultant.	
H	<u>Religious Rights</u> Religious rights shall not be interfered with unnecessarily.	
J	<u>Examination of Works</u> No work shall be covered up till it has been examined and passed by the Consultant.	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	<p>The Consulatnt may at any time up to the end of the Defects liability period instruct the Contractor to open up, pull down, test or expose any part of the works in order to satisfy himself as to the quality of materials or workmanship used. If in the opinion of the Consultant, such parts are not in strict accordance with the contract documents he may order the Contractor to repair and reinstate any such part of the works at the Contractor's own expense and to the entire satisfaction of the Consultaant. If any such part of the works are found to be in accordance with the Contrat Documents the Contractor will be reimbursed the net cost of his expense in this connection.</p>	
B	<p><u>Water for the Works</u></p> <p>The Contractor shall provide clean, fresh water for use on the works, pay all necessary charges, provide all temporary connections, leads and fittings and shall clear away and make good on completion.</p>	
C	<p><u>Lighting and Power for the Works</u></p> <p>The Contractor shall provide all artificial lighting and power for use on the works, pay all necessary charges, provide all temporary connections leads and fittings and shall clear away and make good on completion.</p>	
D	<p><u>Contractor's Liability</u></p> <p>The Contractor shall be solely responsible for safeguarding damage and theft and he is advised to effect such additional insurance as is necessary adequately to cover such risks.</p> <p><u>TEMPORARY WORKS</u></p>	
E	<p><u>Temporary Roads</u></p> <p>The Contractor shall provide for and maintain all necessary temporary roads, tracks, hard-standings, crossings and shall clear the like away and makegood on completion</p>	
F	<p><u>Temporary Buildings</u></p> <p>The Contractor shall provide and maintain, in position to be agreed with the Consultant, temporary office accommodation for the Contractor's staff and water-tight sheds for the storage of materials.</p>	
G	<p>The Contractor shall provide and maintain a secure, weather proof office for the Clerk of Works with a floor area of not less than 20m² and not less 2.10m high, with adequate insulated floor, walls and roof, the floor covered with Linoleum. He shall provide a desk or table with lockable drawers, clothes locker, ample plan chests or racks, sloping plan bench chairs, lockable steel filling cabinet, drawing board, tee-square and lockable equipment cupboard. He shall also provide artificial lighting attendance and cleaning.</p>	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	The Contractor is to provide and maintain separate temporary toilet accommodation for the use of the Clerk of Works and other Employer's representatives and to maintain it in a clean and odour-free condition. Wherever possible such accommodation shall be of the flushing type and temporary connected to a suitable drain. The Contractor shall provide a wash hand basin with an adequate supply of soap and clean towels.	
B	The Contractor shall alter, move and adapt the foregoing temporary buildings as necessary and finally clear away and make good all surfaces and services disturbed.	
C	<u>Temporary Telephones</u> The Contractor shall provide and maintain a telephone service to the office of the person-in-charge and to the offices of such other of the Contractor's staff as may be necessary for the full period of the works and shall pay all appropriate charges and expenses.	
D	The Contractor is responsible for the installation of a separate telephone for the use of the employer and for the cost of telephone calls made on his behalf. A provisional sum for installation and payment of calls for the employer is included elsewhere in the Bill of Quantities.	
E	<u>Temporary Screens, Hoarding and Cantries</u> The Contractor shall provide and maintain all necessary temporary screens, hoarding, fans, fencing and the like for the proper execution of the works for the protection of the public occupants of adjoining premises and for meeting the requirements of any local or other authority and shall alter remove, adapt as necessary and final clear away when no longer required and shall reinstate all surfaces and services disturbed.	
F	Where drain or service trenches are to be excavated outside the working area, such trenches shall be fenced or enclosed at all times	
G	<u>General Scaffolding</u> The Contractor shall provide all necessary and standing scaffolding for the execution of the works.	
H	<u>Works by Public Bodies</u> A provisional sum for works undertaken by public bodies is included elsewhere in this bills of quantities.	
J	<u>Testing</u> The Contractor shall allow for all testing to all installations necessary for this purpose and leave the whole in perfect working order to the satisfaction of the Consultant and Local Authority.	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	<p><u>Works by Nominated Sub-contractors</u></p> <p>The Contract shall obtain from nominated sub-contractors their requirement for recesses, chases, holes and the like so that these may be formed correctly as the work proceeds. In the event of the Contractor failing to obtain and/or use this information no extra charge shall be allowed for cutting recesses, chases, holes and the like after completion of the works.</p>	
B	<p><u>Definition of "General and Special Attendance"</u></p> <p>General attendance is deemed to include the use of the Contractor's temporary roads, pavings and paths, standing scaffolding not required to be altered or retained, standing power operated hoisting plant, the provision of temporary lighting and water supplies, clearing away rubbish, provision of space for the Sub-contractor's own offices and the storage of his plant and materials and the use of mess rooms, sanitary accommodation and welfare facilities provided by the Contractor for his own use.</p>	
C	<p><u>Definition of "General and Special Attendance" (Cont'd)</u></p> <p>Special Attendance shall be other attendances on the nominated Sub-contractors such as special scaffolding or scaffolding additional to Contractor's standing scaffolding or standing scaffolding required to be altered or retained the provision of temporary access roads and handstandings in connection with structural steelwork, precast concrete components piling heavy items of plant and the like; unloading, distributing, hoisting and placing in position the provision of covered storage and accommodation including lighting and power thereto, power supplies, maintenance of specific temperature or humidity levels and any other specified attendance.</p>	
	<u>Protection drying and Cleaning the Works</u>	
D	<p><u>Protection</u></p> <p>The Contractor is required to protect the works in all section as required by the Standard Method of Measurement, Fifth Edition.</p>	
E	<p><u>Protection from the Weather</u></p> <p>The Contractor shall, without compensation, delay or suspend the progress of the works or any part thereof, during inclement weather for such periods as may be required by the Consultant. The Consultant shall determine what extension of time (if any) shall be allowed to the Contractor for such suspension.</p>	
F	<p><u>Drying the Works</u></p> <p>The Contractor shall provide for adequate drying out of the building during the execution of the works both for the Contractor's own work and for the work of all nominated sub-contractor's and shall allow for providing all necessary labour, appliances and fuel.</p>	
	Carried to Collection	

Item	Description	Amount(GH¢)
A	<u>Removing Rubbish and Clearing</u> The Contractor shall provide for the removal of all rubbish from the site both as it accumulates from time to time and on completion.	
B	The Contractor shall provide for keeping the site tidy throughout the construction period, for cleaning the building inside and out touching up paint work and for leaving the whole of the works clean on completion to the satisfaction of the Consultant.	
Carried to Collection		

Item	Description	Amount(GH¢)
	<p><u>DAYWORKS</u></p> <p><u>DEFINITIONS OF PRIME COST OF DAYWORK</u></p> <p>The following definitions of cost of labour, materials and plant shall apply:</p> <p><u>Section (1) - Labour</u></p> <p>The amount of wages at the standard time rates applicable when the dayworks are carried out and such extra payments or differentials as are fixed in respect of skill, responsibility, discomfort, inconvenience and risk paid in accordance with the rules and awards of the recognised wage-fixing bodies of the rate concerned in force in the area in which the work is carried out.</p> <p>A</p> <p>The amount of wages paid at the standard rates of workmen engaged on dayworks and operating mechanically operated plant and transport, except where otherwise provided in the Contract Bills and erecting and dismantling other plant.</p> <p>B</p> <p>The time of principals, foremen, gangers and leading hands at the time rates for the trades practised when actually working with their hands, unless previously otherwise authorised.</p> <p>C</p> <p>The cost of overtime, where specifically ordered or subsequently sanctioned in writing by the Consultant to be worked on daywork.</p> <p>D</p> <p><u>Section (2) - Materials</u></p> <p>The cost of materials, including delivery to site, materials supplied from the Contractor's stock at current prices plus justifiable charges for handling and delivery to the site.</p> <p>E</p> <p><u>Section (3) - Plant</u></p> <p>Use of mechanically operated plant and transport for the time engaged in dayworks.</p> <p>F</p> <p>Use of scaffolding, staging, trestles, tarpaulins and other non-mechanical plant, excluding hand tools, specially provided for daywork operation for such time as the Consultant considers reasonable.</p> <p>G</p>	
	Carried to Collection	

Item	Description	Amount(GH¢)
	<p>Section (4) - Overheads</p> <p>Where the above definition of Prime Cost is used, overheads as defined below and profit may be dealt with by means of percentages on the totals of Prime Cost in each of the Sections (1), (2) and (3) above at rates stated in the Contract Bills.</p> <p>(a) Head Office Charges</p> <p>(b) Site-Supervision and Site Staff</p> <p>(c) Overtime other than that allowed under section (1) Item D</p> <p>(d) Time lost due to inclement weather</p> <p>(e) Bonuses and all other incentive payments</p> <p>(f) Apprentices study time</p> <p>(g) Social Security Fund</p> <p>(h) Contributions annual and public holidays</p> <p>(i) Fares and time allowance for travelling</p> <p>(j) Substance and periodic leave allowance</p> <p>(k) Safety and Welfare facilities</p> <p>(l) Third party and Employer's liability insurances</p> <p>(m) Sick pay or insurance in respect thereof</p> <p>(n) Redundancy Payments</p> <p>(o) Tool allowance</p> <p>(p) Use, repair and sharpening of small tools</p> <p>(q) All non-mechanically operated plant, erected scaffolding and staging trestles, protective clothing, artificial lighting, storage facilities and the like that may be general use on the site</p> <p>(r) All other liabilities and obligations whatsoever</p> <p>Carried to Collection</p>	

Item	Description	Amount(GH¢)
	<u>COLLECTION</u>	
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	<u>BILL NO. 1-PRELIMINARIES AND GENERAL CONDITIONS OF CONTRACT</u>	
	Carried to General Summary	

Item	Description	Amount(GH¢)

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	USE-CONVERSION OF HOTEL FACILITY INTO MIGRATION HEALTH ASSESSEMENT CENTRE, SANTASI - KUMASI				
	BILL No. 2 - MAIN BUILDING				
	<u>GROUND FLOOR</u>				
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carefully breakdown and remove masonry walling, remove all debris and make good surfaces to receive new assigned finishes as directed by Architect (Approx. Area = 284 sqm)	284	m2		
	Hack off and make repairs to ramp as directed to building code and standards		Item		
	Carefully remove aluminium sliding doors and store away for client as directed by Architect	1	No.		
	Ditto Defective sliding windows of variant sizes	18	No.		
	Carefully remove defective hardwood double door and clear from site	39	No.		
	Ditto Double doors 850 x 2050mm high overall [washrooms]	2	No.		
	Remove windows directed and seal off opening with appropriate masonry materials as directed	21	No.		
	Remove defective wall tiles and clear from site	131	m ²		
	Remove defective wash hand basins and clear from site	14	No.		
	Ditto water closets	14	No.		
	Carefully removes baths complete and hand over to client	14	No.		
	Demolish wardrobes as directed (Nominal 14 Nr)	14	m ²		
	Remove defective acoustic ceiling tiles and clear from site	213	m ²		
	Carefully chisel and patch all cracks in walls with cement and sand mortar		Item		
	Carefully demolish and remove existing ceiling POP or gypsum ceiling and defective members, cornices and other associated ceiling appendages and make good surfaces to received new .(Approx Area = 160 m ²)	160	m2		
	Hack off and remove existing wall wall tiles and make good surfaces for new wall tiles	480	m2		
	Ditto do to existing floor tiles	675	m2		
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carried to Summary				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<p align="center"><u>SUBSTRUCTURE (ALL PROVISIONAL)</u></p> <p><u>EXCAVATION AND EARTHWORKS</u></p> <p>Construction of associated ramp of 2.1 x 3.0m as directed, Provisional sum of five thousand cedis</p>		Item		
	<p><u>SUBSTRUCTURE</u></p> <p>TOTAL TO SUMMARY</p>				
	<p align="center"><u>CONCRETE WORK</u></p>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>REINFORCED VIBRATED CONCRETE</u>				
	<i><u>Reinforced in-situ vibrated concrete (1:2:4-20mm aggregate) as described in:-</u></i>				
	Lintel	4	m ³		
	<u>Reinforcement</u>				
	<i><u>Mild steel round bar reinforcement to B.S 4449, cut, bent, and fixed in position:-</u></i>				
	12mm ditto in lintels	284	Kg		
	10mm ditto as stirrups	156	Kg		
	<u>FORMWORK</u>				
	<i><u>Sawn formwork to:-</u></i>				
	Sides of lintel	18	m ²		
	<u>CONCRETE WORK</u>				
	TOTAL TO SUMMARY				
	<u>BLOCKWORK</u>				
	<i><u>Solid sandcrete block in cement and sand (1:4) mortar in:</u></i>				
	150mm vertical Wall	284	m ²		
	300mm Vertical wall	80	m2		
	<u>BLOCKWORK</u>				
	TOTAL TO SUMMARY				
	<u>JOINERY</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>Doors</u>				
	38mm (finished) panel door in two leafs (size 1200 x 2050mm high)	21	No.		
	Ditto, double door (size, 1500 x 2050mm)	2	No		
	<u>FRAMES</u>				
	<u>Wrot Hardwood</u>				
	50 x 150mm Frames	48	m		
	<u>Fillets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	48	m		
	<u>Ironmongery</u>				
	<u>Supply and fix the following ironmongery to hardwood with screws to match:-</u>				
	<u>Pair:</u> 100mm brass butt hinges	23	No.		
	225mm mortice lock from Asa Ablor or equal approved with set of lever handle furniture	23	No.		
	150mm brass barrel bolt	3	No.		
	12 unit polished wooden lockerscomprising 450 x 667 x 500mm with 18mm red plywood side and back framing with 12mm plywood doors complete with spring hinges and brass door handles	2	No.		
	<u>Partitioning</u>				
	12mm Intexa plasterboard including metal studs	98	m ²		
	<u>Fillets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	114	m		
	<u>Cashier Cages (as per design)</u>				
	50 x150mm Hardwood timber frame	74	m		
	12 x100mm Hardwood skirting board	24	m		
	50mm Thick hardwood moulded timber batten	22	m		
	12mm Thick compressed chip board fixed to hardwood timber	26	m ²		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	50mm thick lower hardwood counter	5	m ²		
	<u>Corian Counter Top(as per design)</u>				
	Fabrication of corian worktop (size 12100 x750mm)	1	No		
	<u>Installation Of Aluminium Partition(as per design)</u>				
	Aluminium framing	105	m		
	Glass partitioning(Tinted)	8	m ²		
	Aluminium framed glass door (size 750mm x2000mm high)	5	No		
	750x600x900mm polished wooden cabinets comprising 50x75mm framing, 50x25mm runners and 6mm thick sapele plywood lining with and including 5No. Drawers, wheels and all associated fittings	5	No.		
	<u>The following in 16No. Changing Room Lockers</u>				
	<u>Wrot Hardwood</u>				
	50x100mm Hardwood Plinth	3	m		
	25x100mm Ditto Skirting	3	m		
	50x75mm Ditto Backing	8	m		
	50x100mm Ditto Studs	11	m		
	18mm Red Plywood top and bottom board	4	m ²		
	<u>JOINERY</u>				
	TOTAL TO SUMMARY				
	<u>PLUMBING INSTALLATIONS</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Include the Provisional Sum of GH¢10,000.00 for pipework in connection with plumbing installations		Item		
	550 x 400mm vitreous china wash hand basin with 31mm diameter waste outlet, plug and chain, pair 12mm taps set in appliance and pair cantilever brackets plugged and screwed to wall	14	No.		
	Vitreous china low level W.C suite comprising pan with "S" or "P" trap, plastic seat and cover, flushing bend and flushing cistern on pair cantilever brackets plugged and screwed to block wall	14	No.		
	Approved urinal	1	No.		
	Chromium plated toilet roll holder plugged and screwed to wall	14	No.		
	20mm diameter chromium plated towel rail plugged and screwed to wall	14	No.		
	<u>PLUMBING INSTALLATIONS</u>				
	TOTAL TO SUMMARY				
	<u>ELECTRICAL INSTALLATIONS</u>				
	Include a Provisional Sum of 80,000.00 for replacement and upgrading of electrical installations to standard as directed by Architect		Item		
	Include the Provisional Sum of GH¢40,000.00 for electricals first fix (including IT and Telephone piping)		Item		
	Include the Provisional Sum of GH¢100,000.00 for pipework upgrades and equipment replacement where directed by Architect to standard make		Item		
	<u>ELECTRICAL INSTALLATION</u>				
	TOTAL TO SUMMARY				
	<u>METALWORK</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	WORK IN PLATES, BARS SECTIONS AND TUBES				
	<u>Mild Steel</u>				
	Provide and install collapsible burglar proof to front door/window combination to fit existing double doors to entrances	2	nr		
	Ditto single door	1	nr		
	Welded gate 600 x 2550mm high in 19mm x 19mm box section steel tube including frames, hinges, lock and handle fixed to concrete including all necessary chiselling, concrete work	1	nr		
	16mm Rag bolt 1300mm long with nut and washer one end fish tailed and cast in concrete including drilling holes in wall plate	57	nr		
	<u>Aluminium</u>				
	Pair Louvre carrier with clips for 4 blades	2	nr		
	"Pasico" Pasiguard burglar proofing obtainable from "Pasico Ltd.)at door opening (size 2.00 x2.63m) to main reception entrance	1	No		
	Supply and fix square pipe burglar proofing fixed at window opening including painting (size 1.80x1.72m) in registration area	1	No		
	<u>Supply and install the following security door from approved source or approved equal</u>				
	Supply and install one security door size including door closer from Super Technology Lock LTD (STL) or equal approved vender as directed by Architect	1	nr		
	<u>METALWORK</u>				
	TOTAL TO SUMMARY				
	<u>GLAZING</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
A	<u>Aluminium Glazed Doors and Windows</u>				
	<i><u>Fabricate and install aluminium doors and windows in appropriate powder coated approved profile filled with 6mm blue reflective 6mm glass in approved panes secured in galvanised steel sub-frame including all accessories complete as described:</u></i>				
	900 x2100mm high internal Door and Window combination including 4 No. 2050 x 800mm wide double action swing doors with floor mounted closers	5	nr		
	<i><u>supply and install the following Aluminium framed doors complete with glazing, silicone, handles and locks, the type, grade and colors shall match those installed in the existing part of the same floor.</u></i>				
	Single swing entrance Hinge door with fanlight in over all size 900 x 2150mm	2	No		
	Ditto double door with fanlight	0	No		
	Sinle leaf sliding door with overall size 900 x 2050 mm	1	No		
	supply and install aluminium frame withglass partition lined with manifestation films for obscurity	33	m ²		
	Ditto in aluminium frame glass partition lined with manifestation films for obscurity as fanlight	11	m ²		
	<i><u>Install only the following:</u></i>				
	Single swing entrance Hinge door with fanlight in over all size 900 x 2150mm	3	No		
	Include provisional sum of GHS <u>10000.00</u> for provision of mosquito netting to all damage areas with new as directed by Architect		Item		
	6mm Polished plate glass mirror plugged and screwed to blockwall with chromium plated dome headed screws including rubbed washers (size 600x450mm)	14	No		
	<u>GLAZING</u> Carried to Summary				
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>IN-SITU FINISHING</u>				
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<i>12mm Cement and Sand (1:4) rendering as described in:</i>				
	Rendered Walls (new construction, sealed off ways, cracks and all associated works with masonry	338	m ²		
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<i>150x225x6mm glazed wall tiles bedded in cement and sand (1:3) mortar and pointed in white cement on screeded backing (m/s)</i>				
	Wall	480	m ²		
	<i>Approved porcelain tiles laid to approved pattern on floated backing (measured separately)</i>				
	Polished porcelain floor tiles	675	m ²		
	<u>Ceiling lining</u>				
	Prepare and apply plaster of Paris (POP) skimming to rendered walls and ceiling	675	sm		
	Extra over above for triangular cornices of approved design extreme dimensions 100mm x 100mm	241	m		
	<u>Beds and backings</u>				
	<i>Cement and sand (1:4) as described</i>				
	20mm screeded backing to receive wall tiles	179	m ²		
	30mm screeded bed to receive floor tiles	675	m ²		
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				
	Carried to Summary				
	<u>PAINTING AND DECORATING</u>				

[illegible]

[illegible]

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Carefully breakdown and remove and masonry walling, remove all debris and make good surfaces to receive new assigned finishes as directed by Architect	174	m2		
	Carefully remove aluminium sliding doors and store away for client as directed by Architect	1	No.		
	Ditto Defective sliding windows of variant sizes	10	No.		
	Carefully remove defective hardwood double door and clear from site	39	No.		
	Remove windows directed and seal off opening with appropriate masonry materials as directed	21	No.		
	Remove defective wash hand basins and clear from site	14	No.		
	Ditto water closets	14	No.		
	Carefully removes baths complete and hand over to client	14	No.		
	Demolish wardrobes as directed (Nominal 14 Nr)	14	m ²		
	Remove defective ceiling and clear from site	213	m ²		
	Carefully chisel and patch all cracks in walls with cement and sand mortar		Item		
	Carefully demolish and remove existing ceiling POP or gypsum ceiling and defective members, cornices and other associated ceiling appendages and make good surfaces to received new .	160	m2		
	Hack off and remove existing wall wall tiles and make good surfaces for new wall tiles	424	m2		
	Ditto do to existing floor tiles	580	m2		
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carried to Summary				
	<u>CONCRETE WORK</u>				
	<u>REINFORCED VIBRATED CONCRETE</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>Reinforced in-situ vibrated concrete (1:2:4-20mm aggregate) as described in:-</u>				
	Lintel	4	m ³		
	<u>Reinforcement</u>				
	<u>Mild steel round bar reinforcement to B.S 4449, cut, bent, and fixed in position:-</u>				
	12mm ditto in lintels	282	Kg		
	10mm ditto as stirrups	142	Kg		
	<u>FORMWORK</u>				
	<u>Sawn formwork to:-</u>				
	Sides of lintel	18	m ²		
	<u>CONCRETE WORK</u>				
	Carried to Summary				
	<u>BLOCKWORK</u>				
	<u>Solid sandcrete block in cement and sand (1:4) mortar in:</u>				
	150mm vertical Wall	155	m ²		
	<u>BLOCKWORK</u>				
	Carried to Summary				
	<u>JOINERY</u>				
	<u>Doors</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	38mm (finished) panel door in two leafs (size 1200 x 2050mm high)	20	No.		
	Ditto, double door (size, 1500 x 2050mm)	1	No		
	<u>FRAMES</u>				
	<u>Wrot Hardwood</u>				
	50 x 150mm Frames	38	m		
	<u>Fillets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	38	m		
	<u>Ironmongery</u>				
	<u>Supply and fix the following ironmongery to hardwood with screws to match:-</u>				
	<u>Pair: 100mm brass butt hinges</u>	21	No.		
	225mm mortice lock from Asa Ablor or equal approved with set of lever handle furniture	21	No.		
	150mm brass barrel bolt	3	No.		
	12 unit polished wooden lockerscomprising 450 x 667 x 500mm with 18mm red plywood side and back framing with 12mm plywood doors complete with spring hinges and brass door handles	2	No.		
	<u>Partitioning</u>				
	12mm Intexa plasterboard including metal studs	106	m ²		
	<u>Fillets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	114	m		
	<u>Cashier Cages (as per design)</u>				
	50 x150mm Hardwood timber frame	74	m		
	12 x100mm Hardwood skirting board	24	m		
	50mm Thick hardwood moulded timber batten	22	m		
	12mm Thick compressed chip board fixed to hardwood timber	26	m ²		
	50mm thick lower hardwood counter	5	m ²		
	<u>Corian Counter Top(as per design)</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Fabrication of corian worktop (size 12100 x750mm)	1	No		
	<u>Installation Of Aluminium Partition(as per design)</u>				
	Aluminium framing	105	m		
	Glass partitioning(Tinted)	10	m ²		
	Aluminium framed glass door (size 750mm x2000mm high)	5	No		
	750x600x900mm polished wooden cabinets comprising 50x75mm framing, 50x25mm runners and 6mm thick sapele plywood lining with and including 5No. Drawers, wheels and all associated fittings	5	No.		
	<u>The following inRoom Lockers</u>				
	<u>Wrot Hardwood</u>				
	50x100mm Hardwood Plinth	3	m		
	25x100mm Ditto Skirting	3	m		
	50x75mm Ditto Backing	8	m		
	50x100mm Ditto Studs	11	m		
	18mm Red Plywood top and bottom board	4	m ²		
	<u>JOINERY</u>				
	Carried to Summary				
	<u>PLUMBING INSTALLATIONS</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Include the Provisional Sum of GH¢10,000.00 for pipework in connection with plumbing installations		Item		
	550 x 400mm vitreous china wash hand basin with 31mm diameter waste outlet, plug and chain, pair 12mm taps set in appliance and pair cantilever brackets plugged and screwed to wall	17	No.		
	Vitreous china low level W.C suite comprising pan with "S" or "P" trap, plastic seat and cover, flushing bend and flushing cistern on pair cantilever brackets plugged and screwed to block wall	17	No.		
	Chromium plated toilet roll holder plugged and screwed to wall	17	No.		
	20mm diameter chromium plated towel rail plugged and screwed to wall	17	No.		
	<u>PLUMBING INSTALLATIONS</u>				
	TOTAL TO SUMMARY				
	<u>ELECTRICAL INSTALLATIONS</u>				
	Include a Provisional Sum of 70,000.00 for replacement and upgrading of electrical installations to standard as directed by Architect		Item		
	Include the Provisional Sum of GH¢30,000.00 for electricals first fix (including IT and Telephone piping)		Item		
	Include the Provisional Sum of GH¢80,000.00 for pipework upgrades and equipment replacement where directed by Architect to standard make		Item		
	Allow for Builder's work in connection with electrical installation		Item		
	<u>ELECTRICAL INSTALLATION</u>				
	TOTAL TO SUMMARY				
	<u>METALWORK</u>				
	WORK IN PLATES, BARS SECTIONS AND TUBES				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>Mild Steel</u>				
	Provide and install collapsible burglar proof to front door/window combination to fit existing double doors to entrances	2	nr		
	Ditto single door	1	nr		
	Welded gate 600 x 2550mm high in 19mm x 19mm box section steel tube including frames, hinges, lock and handle fixed to concrete including all necessary chiselling, concrete work	1	nr		
	16mm Rag bolt 1300mm long with nut and washer one end fish tailed and cast in concrete including drilling holes in wall plate	57	nr		
	<u>Aluminium</u>				
	Pair Louvre carrier with clips for 4 blades	2	nr		
	"Pasico" Pasiguard burglar proofing obtainable from "Pasico Ltd.)at door opening (size 2.00 x2.63m) to main main hallway	1	No		
	<u>Supply and install the following security door from approved source or approved equal</u>				
	Supply and install one security door size including door closer from Super Technology Lock LTD (STL) or equal approved vender as directed by Architect	1	nr		
	<u>METALWORK</u>				
	TOTAL TO SUMMARY				
	<u>GLAZING</u>				
	<u>Aluminium Glazed Doors and Windows</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>12mm Cement and Sand (1:4) rendering as described in:</u>				
	Rendered Walls (new construction, sealed off ways, cracks and all associated works with masonry	238	m ²		
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<u>150x225x6mm glazed wall tiles bedded in cement and sand (1:3) mortar and pointed in white cement on screeded backing (m/s)</u>				
	Wall	424	m ²		
	<u>Approved porcelain tiles laid to approved pattern on floated backing (measured separately)</u>				
	Polished porcelain floor tiles	580	m ²		
	<u>Ceiling lining</u>				
	Prepare and apply plaster of Paris (POP) skimming to rendered walls and ceiling	580	sm		
	Extra over above for triangular cornices of approved design extreme dimensions 100mm x 100mm	241	m		
	<u>Beds and backings</u>				
	<u>Cement and sand (1:4) as described</u>				
	20mm screeded backing to receive wall tiles	179	m ²		
	30mm screeded bed to receive floor tiles	580	m ²		
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				
	Carried to Summary				
	<u>PAINTING AND DECORATING</u>				
	Painting of walls with "Acrinol" by Deluxe or equally approved for mildew and fungus protector on dry wall before fixing wallpaper	960	m ²		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	BLOCKWORK				
	JOINERY				
	PLUMBING INSTALLATIONS				
	ELECTRICAL INSTALLATIONS				
	GLAZING				
	PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS				
	PAINTING AND DECORATING				
	<u>FIRST FLOOR</u>				
	TO GENERAL SUMMARY				
	<u>SECOND FLOOR</u>				
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carefully breakdown and remove and masonry walling, remove all debris and make good surfaces to receive new assigned finishes as directed by Architect	10	No		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Remove windows directed and seal off opening with appropriate masonry materials as directed	21	No.		
	Remove defective ceiling and clear from site	213	m ²		
	Carefully chisel and patch all cracks in walls with cement and sand mortar		Item		
	Carefully demolish and remove existing ceiling POP or gypsum ceiling and defective members, cornices and other associated ceiling appendages and make good surfaces to received new .(Approx Area = 80m ²)	80	m2		
	Hack off and remove existing wall tiles and make good surfaces for new wall tiles	240	m2		
	Ditto do to existing floor tiles	340	m2		
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carried to Summary				
	<u>CONCRETE WORK</u>				
	<u>REINFORCED VIBRATED CONCRETE</u>				
	<u>Reinforced in-situ vibrated concrete (1:2:4-20mm aggregate) as described in:-</u>				
	Lintel	1	m ³		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>Reinforcement</u>				
	<u>Mild steel round bar reinforcement to B.S. 4449, cut, bent, and fixed in position:-</u>				
	12mm ditto in lintels	65	Kg		
	10mm ditto as stirrups	34	Kg		
	<u>FORMWORK</u>				
	<u>Sawn formwork to:-</u>				
	Sides of lintel	5	m ²		
	<u>CONCRETE WORK</u>				
	Carried to Summary				
	<u>BLOCKWORK</u>				
	<u>Solid sandcrete block in cement and sand (1:4) mortar in:</u>				
	150mm vertical Wall	5	m ²		
	<u>BLOCKWORK</u>				
	Carried to Summary				
	<u>JOINERY</u>				
	<u>Doors</u>				
	38mm (finished) panel door in two leafs (size 1200 x 2050mm high)	10	No.		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>FRAMES</u>				
	<u>Wrot Hardwood</u>				
	50 x 150mm Frames	24	m		
	<u>Fillets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	24	m		
	<u>Ironmongery</u>				
	<u>Supply and fix the following ironmongery to hardwood with screws to match:-</u>				
	<u>Pair:</u> 100mm brass butt hinges	10	No.		
	225mm mortice lock from Asa Ablor or equal approved with set of lever handle furniture	10	No.		
	<u>Fillets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	85	m		
	<u>JOINERY</u>				
	Carried to Summary				
	<u>PLUMBING INSTALLATIONS</u>				
	Include the Provisional Sum of GH¢8500.00 for pipework in connection with plumbing installations		Item		
	550 x 400mm vitreous china wash hand basin with 31mm diameter waste outlet, plug and chain, pair 12mm taps set in appliance and pair cantilever brackets plugged and screwed to wall	10	No.		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Vitreous china low level W.C suite comprising pan with "S" or "P" trap, plastic seat and cover, flushing bend and flushing cistern on pair cantilever brackets plugged and screwed to block wall	10	No.		
	Chromium plated toilet roll holder plugged and screwed to wall	10	No.		
	20mm diameter chromium plated towel rail plugged and screwed to wall	10	No.		
	<u>PLUMBING INSTALLATIONS</u>				
	TOTAL TO SUMMARY				
	<u>ELECTRICAL INSTALLATIONS</u>				
	Include a Provisional Sum of 40,000.00 for replacement and upgrading of electrical installations to standard as directed by Architect		Item		
	Include the Provisional Sum of GH¢25,000.00 for electricals first fix (including IT and Telephone piping)		Item		
	Include the Provisional Sum of GH¢60,000.00 for pipework upgrades and equipment replacement where directed by Architect to standard make		Item		
	<u>ELECTRICAL INSTALLATION</u>				
	TOTAL TO SUMMARY				
	<u>METALWORK</u>				
	WORK IN PLATES, BARS SECTIONS AND TUBES				
	<u>Mild Steel</u>				
	<u>Supply and install the following security door from approved source or approved equal</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Supply and install one Fire/security/safety escape door size including door closer and panic bar from Super Technology Lock LTD (STL) or equal approved vender as directed by Architect	1	nr		
	<u>METALWORK</u>				
	TOTAL TO SUMMARY				
	<u>GLAZING</u>				
	6mm Polished plate glass mirror plugged and screwed to blockwall with chromium plated dome headed screws including rubbed washers (size 600x450mm)	10	nr		
	<u>GLAZING</u>				
	Carried to Summary				
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				
	<u>IN-SITU FINISHING</u>				
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<u>12mm Cement and Sand (1:4) rendering as described in:</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Rendered Walls (new construction, sealed off ways, cracks and all associated works with masonry	180	m ²		
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<u>150x225x6mm glazed wall tiles bedded in cement and sand (1:3) mortar and pointed in white cement on screeded backing (m/s)</u>				
	Wall	140	m ²		
	<u>Approved porcelain tiles laid to approved pattern on floated backing (measured separately)</u>				
	Polished porcelain floor tiles	240	m ²		
	<u>Ceiling lining</u>				
	Prepare and apply plaster of Paris (POP) skimming to rendered walls and ceiling	340	sm		
	Extra over above for triangular cornices of approved design extreme dimensions 100mm x 100mm	141	m		
	<u>Beds and backings</u>				
	<u>Cement and sand (1:4) as described</u>				
	20mm screeded backing to receive wall tiles	140	m ²		
	30mm screeded bed to receive floor tiles	240	m ²		
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				
	Carried to Summary				
	<u>PAINTING AND DECORATING</u>				
	Painting of walls with "Acrinol" by Deluxe or equally approved for mildew and fungus protector on dry wall before fixing wallpaper	840	m ²		
	<u>Prepare and apply 2 coats of polyurethane lacquer on:</u>				
	General surfaces of doors	25	m ²		

[illegible]

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	JOINERY PLUMBING INSTALLATIONS ELECTRICAL INSTALLATIONS GLAZING PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS PAINTING AND DECORATING				
<u>SECOND FLOOR</u>					
TO GENERAL SUMMARY					
<u>BILL No. 2: MAIN BUILDING SUMMARY</u>					
GROUND FLOOR					
FIRST FLOOR					
SECOND FLOOR					

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	BILL No. 2 - MAIN BUILDING TO GENERAL SUMMARY				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>USE-CONVERSION OF HOTEL FACILITY INTO MIGRATION HEALTH ASSESSEMENT CENTRE, SANTASI - KUMASI</u>				
	<u>BILL No. 3: EXTERNAL WORKS</u>				
	<u>SECURITY GATEHOUSE</u>				
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carefully breakdown and remove and masonry walling, remove all debris and make good surfaces to receive new assigned finishes as directed by Architect		Item		
	Carefully remove defective hardwood double door and clear from site	1	No.		
	Single wooden dorr 850 x 2050mm high overall	1	No.		
	Remove windows directed and seal off opening with appropriate masonry materials as directed	1	No.		
	Remove defective floor tiles and clear from site	43	m ²		
	Carefully remove all associated joineries and store for client as directed by Architect		Item		
	Remove defective ceiling tiles and clear from site, make good all surfaces to receive new	43	m ²		
	Carefully chisel and patch all cracks in walls with cement and sand mortar		Item		
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carried to Summary				
	<u>CONCRETE WORK</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>REINFORCED VIBRATED CONCRETE (all provisional as directed by Architect)</u>				
	<u>Reinforced in-situ vibrated concrete (1:2:4-20mm aggregate) as described in:-</u>				
	Lintel	0.50	m ³		
	<u>Reinforcement (all provisional)</u>				
	<u>Mild steel round bar reinforcement to B.S 4449, cut, bent, and fixed in position:-</u>				
	12mm ditto in lintels	84	Kg		
	10mm ditto as stirrups	25	Kg		
	<u>FORMWORK</u>				
	<u>Sawn formwork to:-</u>				
	Sides of lintel	5	m ²		
	<u>CONCRETE WORK</u>				
	Carried to Summary				
	<u>BLOCKWORK</u>				
	<u>Solid sandcrete block in cement and sand (1:4) mortar in:</u>				
	150mm vertical Wall (Provisional)	10	m ²		
	<u>BLOCKWORK</u>				
	Carried to Summary				
	<u>JOINERY</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>Doors</u>				
	38mm (finished) Flush door in two leafs (size 900 x 2050mm high)	3	No.		
	Hardwood well treated panel door (size, 1100 x 2050mm)	2	No		
	<u>FRAMES</u>				
	<u>Wrot Hardwood</u>				
	50 x 150mm Frames	48	m		
	<u>Ironmongery</u>				
	<u>Supply and fix the following ironmongery to hardwood with screws to match:-</u>				
	<u>Pair:</u> 100mm brass butt hinges	5	No.		
	150mm mortice lock from Asa Ablor or equal approved with set of lever handle furniture	5	No.		
	<u>Partitioning</u>				
	10mm thick Glass partitioning with support framing (Tinted)		Item		
	<u>Filleets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	10	m		
	<u>JOINERY</u>				
	Carried to Summary				
	<u>ELECTRICAL INSTALLATIONS</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Include a Provisional Sum of GHS 2,000.00 for replacement and upgrading of electrical installations to standard as directed by Architect		Item		
	Include the Provisional Sum of GHS 1,000.00 for electricals first fix (including IT and Telephone piping)		Item		
	Include the Provisional Sum of GHS 10,000.00 for pipework upgrades and equipment replacement where directed by Architect to standard make		Item		
	<u>ELECTRICAL INSTALLATION</u>				
	Carried to Summary				
	<u>METALWORK</u>				
	<u>WORK IN PLATES, BARS SECTIONS AND TUBES</u>				
	<u>Aluminium Glazed Doors and Windows</u>				
	<u>Composite Units</u>				
C	Aluminium glazed sliding windows (size 1.80x1.2m)	6	No		
D	Ditto (size 2.00x1.2m)	1	No		
	<u>Burglar Proofing</u>				
	<u>Mild Steel</u>				
G	Supply and fix square pipe burglar proofing fixed at window opening including painting (size 1.80x1.2m)	6	No		
H	Ditto (size 2.00x1.2m)	1	No		
	<u>Supply and install the following security door from approved source or approved equal</u>				
	Supply and install one security door size including door closer approved vender as directed by Architect for use by IOM Staff with access control	1	nr		
	<u>METALWORK</u>				
	Carried to Summary				
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>IN-SITU FINISHING</u>				
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<i>12mm Cement and Sand (1:4) rendering as described in:</i>				
	Rendered Walls (new construction, sealed off ways, cracks and all associated works with masonry	80	m ²		
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<i>Approved porcelain tiles laid to approved pattern on floated backing (measured separately)</i>				
	Polished porcelain floor tiles	43	m ²		
	<u>Ceiling lining</u>				
	Prepare and apply plaster of Paris (POP) skimming to rendered walls and ceiling	43	sm		
	Extra over above for triangular cornices of approved design extreme dimensions 100mm x 100mm	10	m		
	<u>Beds and backings</u>				
	<i>Cement and sand (1:4) as described</i>				
	30mm screeded bed to receive floor tiles	43	m ²		
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				
	Carried to Summary				
	<u>PAINTING AND DECORATING</u>				
	<i>Prepare and apply 2 coats of polyurethane lacquer on:</i>				
	General surfaces of doors	20	m ²		
	<i>Prepare and apply two coats of Acrylic emulsion paint as described on:</i>				
	Rendered Walls	80	m ²		
	<u>PAINTING AND DECORATING</u>				
	Carried to Summary				
	<u>SECURITY GATEHOUSE</u>				

[illegible]

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Allow a Provisional sum of GHS 2,000.00 for cleaning and clearing of all abandoned equipment and wares from the generartor house making surfaces adequate for remodelling into sanitary areas as per the designs of the Architect				
	<u>DEMOLITION/ALTERATION/RENOVATION</u>				
	Carried to Summary				
	<u>CONCRETE WORK</u>				
	<u>REINFORCED VIBRATED CONCRETE</u>				
	<i><u>Reinforced in-situ vibrated concrete (1:2:4-20mm aggregate) as described in:-</u></i>				
	Lintel	1	m ³		
	<u>Reinforcement</u>				
	<i><u>Mild steel round bar reinforcement to B.S 4449, cut, bent, and fixed in position:-</u></i>				
	12mm ditto in lintels	82	Kg		
	10mm ditto as stirrups	58	Kg		
	<u>FORMWORK</u>				
	<i><u>Sawn formwork to:-</u></i>				
	Sides of lintel	5	m ²		
	<u>CONCRETE WORK</u>				
	Carried to Summary				
	<u>BLOCKWORK</u>				
	<i><u>Solid sandcrete block in cement and sand (1:4) mortar in:</u></i>				
	150mm vertical Wall	10	m ²		
	<u>BLOCKWORK</u>				
	Carried to Summary				
	<u>JOINERY</u>				
	<u>Doors</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	38mm (finished) panel door in single leafs (size 900 x 2050mm high)	2	No.		
	Flash door door size, 750 x 2050mm	6	No		
	<u>FRAMES</u>				
	<u>Wrot Hardwood</u>				
	50 x 150mm Frames	12	m		
	<u>Fillets, Glazing, Beads, etc</u>				
	12 x 38mm Planted stop	12	m		
	<u>Ironmongery</u>				
	<u>Supply and fix the following ironmongery to hardwood with screws to match:-</u>				
	<u>Pair:</u> 100mm brass butt hinges	8	No.		
	150mm mortice lock from Asa Ablor or equal approved with set of lever handle furniture	8	No.		
	<u>JOINERY</u>				
	Carried to Summary				
	<u>PLUMBING INSTALLATIONS</u>				
	Include the Provisional Sum of GH¢1,000.00 for pipework in connection with plumbing installations		Item		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	550 x 400mm vitreous china wash hand basin with 31mm diameter waste outlet, plug and chain, pair 12mm taps set in appliance and pair cantilever brackets plugged and screwed to wall	4	No.		
	Vitreous china low level W.C suite comprising pan with "S" or "P" trap, plastic seat and cover, flushing bend and flushing cistern on pair cantilever brackets plugged and screwed to block wall	6	No.		
	Chromium plated toilet roll holder plugged and screwed to wall	6	No.		
	20mm diameter chromium plated towel rail plugged and screwed to wall	4	No.		
	<u>PLUMBING INSTALLATIONS</u>				
	TOTAL TO SUMMARY				
	<u>ELECTRICAL INSTALLATIONS</u>				
	Include a Provisional Sum of 1,500.00 for replacement and upgrading of electrical installations to standard as directed by Architect		Item		
	Allow for Builder's work in connection with electrical installation		Item		
	<u>ELECTRICAL INSTALLATION</u>				
	TOTAL TO SUMMARY				
	<u>METALWORK</u>				
	WORK IN PLATES, BARS SECTIONS AND TUBES				
	<u>WORK IN PLATES, BARS SECTIONS AND TUBES</u>				
	<u>Aluminium Glazed Doors and Windows</u>				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
C	<u>Composite Units</u>	6	No		
	Aluminium glazed sliding windows (size 1.20x1.2m)				
	<u>METALWORK</u>	4	No		
	TOTAL TO SUMMARY				
	<u>GLAZING</u>				
	6mm Polished plate glass mirror plugged and screwed to blockwall with chromium plated dome headed screws including rubbed washers (size 600x450mm)	4	No		
	<u>GLAZING</u>				
	Carried to Summary				
<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>					
<u>IN-SITU FINISHING</u>					

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<i>12mm Cement and Sand (1:4) rendering as described in:</i>				
	Rendered Walls (new construction, sealed off ways, cracks and all associated works with masonry	10	m ²		
	<u>TILE, SLAB OR BLOCK FINISHINGS</u>				
	<i>150x225x6mm glazed wall tiles bedded in cement and sand (1:3) mortar and pointed in white cement on screeded backing (m/s)</i>				
	Wall	112	m ²		
	<i>Approved porcelain tiles laid to approved pattern on floated backing (measured separately)</i>				
	Polished porcelain floor tiles	25	m ²		
	<u>Ceiling lining</u>				
	Prepare and apply plaster of Paris (POP) skimming to rendered walls and ceiling	25	sm		
	<u>Beds and backings</u>				
	<i>Cement and sand (1:4) as described</i>				
	20mm screeded backing to receive wall tiles	112	m ²		
	30mm screeded bed to receive floor tiles	25	m ²		
	<u>PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS</u>				
	Carried to Summary				
	<u>PAINTING AND DECORATING</u>				
	<i>Prepare and apply 2 coats of polyurethane lacquer on:</i>				
	General surfaces of doors	25	m ²		

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	Prepare and apply two coats of Acrylic emulsion paint as described on:				
	Rendered Walls	10	m ²		
	<u>PAINTING AND DECORATING</u>				
	Carried to Summary				
	<u>SANITARY AREA</u>				
	DEMOLITION/ALTERATION/RENOVATION				
	CONCRETE WORK				
	BLOCKWORK				
	JOINERY				
	PLUMBING INSTALLATIONS				
	ELECTRICAL INSTALLATIONS				
	GLAZING				
	PLASTERWORK AND OTHER FLOOR, WALL AND CEILING FINISHINGS				
	PAINTING AND DECORATING				
	<u>SANITARY AREA</u>				
	TO GENERAL SUMMARY				
	<u>BILL No. 3: EXTERNAL WORKS SUMMARY</u>				
	BILL No. 3: EXTERNAL WORKS				
	SANITARY AREA				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	BILL No. 3: EXTERNAL WORKS CARRIED TO GENERAL SUMMARY				

ITEM	DESCRIPTION		UNIT	RATE GH¢	AMOUNT GH¢
	<u>GENERAL SUMMARY</u>				
	<u>BILL No.1:</u> PRELIMINARIES AND CONDITIONS OF CONTRACT				
	<u>BILL No. 2:</u> MAIN BUILDING				
	<u>BILL No. 3:</u> EXTERNAL WORKS				
	SUB-TOTAL				
	<u>ADD:</u> CONTINGENCY				
	TOTAL ESTIMATED COST				