

PREAMBLES

PREAMBLES AND PRICING NOTES

A. GENERALLY

All work to be carried out in accordance with the Ministry of Roads, Housing & Urban Development and Public Works General Specifications for Building Works issued in 1976 or as aqualified or amended below.

B. MANUFACTURERS' NAMES

Where manufacturers' names and catalogue references are given for guidance to quality and standard only, alternative manufacturer of equal quality will be accepted at the discretion of the Project Manager.

C. WALLING

All precast concrete blocks shall be manufactured by the methods and to the sizes specified in the Ministry of Roads, Housing & Urban Development and Public Works "Specification for Metric Sized Concrete Blocks for Building (1972)"

Walling of 100 mm thickness or under shall be reinforced with hoop iron every alternate course.

Prices for walling must allow for all costs in preparing, packing and sending sample blocks for testing as and when required by the Project Manager.

D. CARPENTRY

The grading rules for cypress shall be the same for podocarpus and all timber used for structural work shall be select (second grade).

All structural timber must conform to the minimum requirements for moisture content and preservative treatment and timber prices must allow for preparing, packing and sending samples for testing when required.

Prices must also include for all nails and fasteners.

E. JOINERY

Cypress for joinery shall be second grade in accordance with the latest grading rules of the Kenya Government.

Where Mahogany is specified, this refers to prime grade only. The Contractor may with the approval of the Project Manager; use either Msharagi or Mvuli in lieu of Mahogany but such approval will be given only in the case of shortages of the hardwoods specified.

Plugging shall be carried out by drilling walling or concrete with masonry drill and filling with propriety plugs of the correct sizes. Cutting with hammer and chisel will not be allowed.

Prices for joinery must include for pencil rounded arises, protection against damage, nails, screws, framing and bedding in cement mortar as required.

Sizes given for joinery items are nominal sizes and exact dimensions of doors, etc, must be ascertained on site.

A. IRONMONGERY

Ironmongery shall be specified in the Bills of Quantities or equal and approved.

Prices must include for removing and re-fixing during and after painting, labeling all keys, and for fixing to hardwood, softwood, concrete or blockwork.

Catalogue references given for ironmongery are for purposes of indicating quality and size of item(s). Should the Contractor wish to substitute the specified item(s) with others of equal manufacture, he must inform the Project Manager and obtain approval in writing.

B. STRUCTURAL STEELWORK

All structural steelwork shall comply with the Ministry of Roads, Housing & Urban Development and Public Works "Structural Steelwork Specification (1973) and shall be executed by an approved Sub-contractor.

C. PLASTERWORK AND OTHER FINISHES

All finishing shall be as described in the general specifications and in these Bills of Quantities.

Prices for paving are to include for brushing concrete clean, wetting and coating with cement and sand grout 1:1.

Rates for glazed wall tiling are to include for a 12 mm cement and sand (1:4) backing screed unless otherwise specified in these Bills of Quantities.

D. GLAZING

Where polished plate glass is specified, this refers to general glazing quality.

Prices for glazing shall include for priming of rebates before placing putty.

The Contractor will be responsible for replacing any broken or scratched glass and handing over in perfect condition.

E. PAINTING

Painting shall be applied in accordance with the manufacturers' instructions.

Prices for painting are to include for scaffolding, preparatory work, priming coats, protection of other works and for cleaning up on completion. Prices for painting on galvanized metal are to include for mordant solution as necessary.

F. TILES - CERAMIC, PORCELEIN, GRANITO ETC

No tiles shall be fitted/installed without sample approvals.

No claim shall be allowed on the grounds that the bidder priced an inferior quality

G. CURTAINS & COVERS ETC

The bidder shall be deemed to have priced the best materials

No curtains & covers shall be fitted/installed without sample approvals.

No claim shall be allowed on the grounds that the bidder priced an inferior quality

PARTICULAR PRELIMINARIES

Item	Description	Amount KSh
	<p><u>PARTICULAR PRELIMINARIES</u></p> <p>A EMPLOYER</p> <p>The Employer is Bomet University College The term "Employer" and "Government" wherever used in the contract document shall be synonymous.</p> <p>B PROJECT MANAGER</p> <p>The term "PM" wherever used in these Bills of Quantities shall be deemed to mean the "The Engineer" as per Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Government .</p> <p>C ARCHITECT</p> <p>The term "Architect" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Lands, Public Works, Housing and Urban Development, P.O Box 30743 -00100, NAIROBI.</p> <p>D QUANTITY SURVEYOR</p> <p>The term "Quantity Surveyor" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Lands, Public Works, Housing and Urban Development, P.O Box 30743 -00100, NAIROBI.</p> <p>E ELECTRICAL ENGINEER</p> <p>The term "Electrical Engineer" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Lands, Public Works, Housing and Urban Development, P.O Box 30743 -00100, NAIROBI.</p> <p>F MECHANICAL ENGINEER</p> <p>The term "Mechanical Engineer" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Lands, Public Works, Housing and Urban Development, P.O Box 30743 -00100, NAIROBI.</p> <p>G STRUCTURAL ENGINEER</p> <p>The term "Structural Engineer" shall be deemed to mean "The P.M " as defined above whose address unless otherwise notified is Ministry of Lands, Public Works, Housing and Urban Development, P.O Box 30743 -00100, NAIROBI.</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
A	<p>PRICING ITEMS OF PRELIMINARIES</p> <p>Prices SHALL BE INSERTED against items of “preliminaries” in the tenderer’s priced Bills of Quantities. The contractor is advised to read and understand all preliminary items.</p>	
B	<p>SCOPE OF CONTRACT</p> <p>The works to be carried out comprises of Completion Works for Tuition Block, Multipurpose Hall, Library, 2No. Hostels and associated Civil, Electrical and Mechanical Installations works in Bomet</p>	
C	<p>MEASUREMENTS</p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the PROJECT MANAGER in accordance with the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with the said Conditions.</p> <p>All measurements shall be as per Standard Method of Measurements (SMM) - 2008 Edition</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
A	<p>LOCATION OF SITE</p> <p>The site of the proposed works is Bomet.The Contractor is advised to visit the site to familiarize with the nature and position of the site. No claims arising from the Contractor’s failure to do so will be entertained.</p>	
B	<p>SIGNING OF THE TENDER DOCUMENTS</p> <p>The bidder shall append his / her signature and / or company ‘s rubberstamp on each and every page of tender document.</p>	
C	<p>DEMOLITIONS AND ALTERATIONS</p> <p>The Contractor is to allow for all temporary protection required during the works including ordinary and special dust screens, hoardings, barriers, warning signs, etc as directed by the Project Manager and as necessary for the adequate propping and protection of existing property, finishes, workmen employed on the site, employer’s agents and the public. Any damage or loss incurred due to the insufficiency of such protection must be made good by the Contractor. All protective devices are to be removed on completion of the works and any necessary making good consequent upon this is to be executed to the satisfaction of the Project Manager.</p> <p>The works shall be propped, strutted and supported as necessary before any alteration or demolition work commences. Prices shall include for all cleaning and preparatory work to structure and finishes and for making good to all finishes on completion whether or not specifically described.</p> <p>Unless described as set aside for re-use all arising debris and surplus materials shall be carefully removed from building and carted away from site.</p> <p>The Contractor shall be entirely responsible for any breakage or damage which may occur to materials required for re-use during their removal unless it is certified by the Project Manager that such damage or breakage was inevitable as a result of the condition of the item concerned.</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
A	<p>CLEARING AWAY</p> <p>The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate and upon completion of the works, remove and clear away all plant, equipment, rubbish, unused materials and stains and leave in a clean and tidy state to the reasonable satisfaction of the Project Manager.</p> <p>The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager.</p>	
B	<p>CLAIMS</p> <p>It shall be a condition of this contract that upon it becoming reasonably apparent to the Contractor that he has incurred losses and / or expenses due to any of the contract conditions, or by any other reason whatsoever, he shall present such a claim or intent to claim notice to the PROJECT MANAGER within the contract period. No claim shall be entertained upon the expiry of the said contract period.</p>	
C	<p>PAYMENTS</p> <p>The tenderer's attention is drawn to the fact that the GOVERNMENT DOES NOT MAKE ADVANCE PAYMENTS but pays for work done and materials delivered to sit: Refer with Special Conditions of Contract. In order to facilitate this, a list of the general component elements for the works is given at the summary page of these specifications and the tenderer is requested to break down his tender sum commensurate to the said elements.</p>	
D	<p>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</p> <p>The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other normal activities. The Contractor is thus instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of activities being carried out by the Client. The Contractor shall allow in his rates any expense he deemed necessary by taking such care within the site.</p>	
E	<p>WORKING CONDITIONS</p> <p>The Contractor shall allow in his rates for any interference that he may encounter in the course of the works for the Client may in some cases ask the Contractor not to proceed with the works until some activities within the site are completed, as the facility will be operating as usual during the course of the contract.</p>	
F	<p>SIGNBOARD</p> <p>Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a signboard as designed, specified and approved by the Project Manager.</p> <p>The signboard shall give a brief title of the project and image</p> <p>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, and other Consultants' names shall be printed in 50 mm letters all to the Architect's approved design.</p> <p>No other signboard or advertising will be permitted without prior permission from the Architect.</p>	
G	<p>LABOUR CAMPS</p> <p>The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.</p>	
	<p>Carried to collection</p>	

Item	Description	Amount KSh
A	<p>MATERIALS FROM DEMOLITIONS</p> <p>Any materials arising from demolitions and not re-used shall become the property of the client. The Contractor shall allow in his rates the cost of disposing the demolished materials as directed.</p>	
B	<p>PRICING RATES</p> <p>The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing, all to comply with the said Conditions of Contract.</p>	
C	<p>SECURITY</p> <p>The Contractor shall allow for providing adequate security for the works and the workers in the course of execution of this contract. No claim will be entertained from the Contractor for not maintaining adequate security for both the works and workers.</p>	
D	<p>URGENCY OF THE WORKS</p> <p>The Contractor is notified that these “works are urgent” and should be completed within the period stated in these Particular Preliminaries.</p> <p>The Contractor shall allow in his rates for any costs he/ she deems that he/she may incur by having to complete these works within the stipulated contract period.</p>	
E	<p>PAYMENT FOR MATERIALS ON SITE</p> <p>All materials for incorporation in the works must be stored on site before payment is effected, unless specifically exempted by the Project Manager. This is to include materials of the Contractor, nominated sub-Contractors and nominated suppliers.</p>	
F	<p>EXISTING SERVICES</p> <p>Prior to the commencement of any work, the Contractor is to ascertain from the relevant authority the exact position, depth and level of all existing services in the area and he/she shall make whatever provisions may be required by the authorities concerned for the support, maintenance and protection of such services.</p>	
G	<p>CONTRACT COMPLETION PERIOD</p> <p>The contract completion period in accordance with the Conditions of contract must be adhered to.</p> <p>The ‘PROJECT MANAGER’ shall strictly monitor the Contractors progress in relation to the progress chart and should it be found necessary the ‘PROJECT MANAGER’ shall inform the Contractor in writing that his actual performance on site is not satisfactory .In all such cases the Contractor shall accelerate his rate of performance production and progress by all means such as additional labour,plant, e.t.c and working overtime all at his cost.</p>	
	<p><i>Carried to collection</i></p>	

Item	Description	Amount KSh
A	<p>PERFORMANCE BOND</p> <p>A bond of 5% of the contract sum will be required in accordance with the Special Conditions of Contract on award of contract. No payment on account for the works executed will be made to the contractor until he has submitted the Performance Bond to the Project Manager duly signed, sealed and stamped from an approved Bank.</p>	
B	<p>TENDER DOCUMENTS</p> <p>Tender documents are as listed in Page (i) of the Tender Document.</p>	
C	<p>DELIVERY OF TENDER</p> <p>Tenders and all documents in connection therewith, as specified above must be delivered in the addressed envelope which should be properly sealed and deposited at the offices as specified in the letter accompanying these documents or as indicated in the advertisement.</p> <p>Tenders will be opened at the time specified in the letter accompanying these Tender Documents or as indicated in the advertisement. Tenders delivered/received later than the above time will not be</p>	
D	<p>VALUE ADDED TAX</p> <p>The Contractor's attention is drawn to the Legal Notice in the Finance Act part 3 Section 21(b) operative from 1st September, 1993 which requires payment of VAT on all contracts. The Contractor should therefore include allowance in his rates and prices for prices for VAT and any other Government taxes currently in force.</p> <p>The tenderer is advised that in accordance with Government public notice No. 35 & 36 Dated 11th September 2003 operational from 1st October 2003, VAT will be deducted against the contract sum at the prevailing rate by the Employer and remitted directly to the Commissioner of VAT through all interim certificates. It should however be noted that this is not additional tax but a new mode of payment for VAT, any excess payment will be refundable once the Contractor has submitted monthly returns to the Commissioner of VAT who will do the refunds when satisfied that the VAT regulations have been complied with.</p> <p>NB: The Contractor should therefore include the VAT tax within the rates.</p>	
E	<p>EXISTING BUILDING MATERIALS</p> <p>NOTE: Any materials found usable for the works shall be given to the contractor on credit with the approval of the client</p>	
	<p><i>Carried to collection</i></p>	

Item	Description	Amount KSh
	<p><u>SPECIAL PRELIMINARIES</u></p> <p><u>PROJECT MANAGEMENT EXPENSES</u></p>	
A	<p>Provide for facilitation for the project management supervisory team for the duration of the contract worth Kenya Shillings Five Million (kshs. 5,000,000.00) Only for site visits and inspections for Ministry of Lands, Public Works, Housing & Urban Development Officers for the duration of the contract period.</p> <p>Allow for Taxes, Contractor’s profit and overheads (-----%)</p>	5,000,000.00
B	<p>Provide a provisional sum of Kenya Shillings Eight Hundred Thousand (Kshs 800,000.00) only for Clerk of works expenses.</p> <p>Allow for Taxes, Contractor’s profit and overheads (-----%)</p>	800,000.00
	<p><u>TRANSPORT</u></p> <p>The contractor shall provide for site trips only a vehicle of type Toyota or Nissan Van to comfortably seat Nine Persons including maintaining licences and insurances, competent driver; all to the satisfaction of the Project Manager</p> <p>The vehicle shall be provided specifically for and during site visits by the State Department for Public Works Technical team. The vehicle shall be in perfect conditions for the entire duration of the trip. i.e From State Department for Public Works Head Office to Bomet and back to State Department for Public Works Head Office including local running.</p> <p>The driver shall be at the sole discretion of the Project Manager for the entire duration of the trip, untill released by him ./ her.</p> <p>Reimbursements to the contractor for providing the transport services will be based per trip to the site and back during the currency of the contract a a rate as here below (Contractor to insert rate - Item C) inserted. Reimbursement to the contractor for providing driver, servicing, fuels, oils, lubricants and tyres will similarly be based per trip at a rate herebelow (Contractor to insert rate - item D).</p>	
C	<p>Allow for providing a vehicle a vehicle as above described including maintaining licenses and comprehensive insurance (..... X 30 TRIPS)</p>	
D	<p>Allow for providing a a driver, maintanance, fuels, lubricants, spares and tyers. (..... X 30 TRIPS)</p>	
	<p><u>STATIONERY</u></p>	
E	<p>Provide a sum of Kenya Shillings Two Hundred Thousand Only (Kshs. 200,000.00) for Project Manager’s Stationery</p> <p>Allow for Taxes, Contractor’s profit and overheads (-----%)</p>	200,000.00
	<i>Carried to collection</i>	

Item	Description	Amount KSh
	<p><u>PARTICULARS OF INSERTIONS TO BE MADE IN APPENDIX TO CONTRACT</u></p> <p>The following are the insertions to be made in the appendix to the Contract Agreement: -</p> <p>Period of Final Measurement 3 Months From Practical completion</p> <p>Defects Liability Period 6 Months from Practical completion</p> <p>Date for Possession To be agreed with the Project Manager</p> <p>Date for Completion As Stated in the Special Conditions of Contract</p> <p>Liquidated and Ascertained Damages - As Stated in Special Conditions of Contract</p> <p>Prime cost sums for which The Contractor desires to tender.....</p> <p>Period of Interim Certificates Monthly</p> <p>Period of Honouring Certificates 60 days as per Conditions of contract [14.7.1]</p> <p>Percentage of Certified Value Retained 10%</p> <p>Limit of Retention Fund 10%</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
	<u>COLLECTION</u>	
	Brought forward from page PP/1	
	Brought forward from page PP/2	
	Brought forward from page PP/3	
	Brought forward from page PP/4	
	Brought forward from page PP/5	
	Brought forward from page PP/6	
	Brought forward from page PP/7	
	Brought forward from page PP/8	
	Brought forward from page PP/9	
TOTAL FOR PARTICULAR PRELIMINARIES CARRIED TO GRAND SUMMARY		

GENERAL PRELIMINARIES

Item	Description	Amount KSh
	<p>GENERAL PRELIMINARIES</p> <p>A. PRICING OF ITEMS OF PRELIMINARIES AND PREAMBLES</p> <p>Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification.</p> <p>The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.</p> <p>B. ABBREVIATIONS</p> <p>Throughout these Bills, units of measurement and terms are abbreviated and shall be interpreted as follows:-</p> <p><i>C.M.</i> Shall mean cubic metre</p> <p><i>S.M.</i> Shall mean square metre</p> <p><i>L.M.</i> Shall mean linear metre</p> <p><i>MM</i> Shall mean Millimetre</p> <p><i>Kg.</i> Shall mean Kilogramme</p> <p><i>No.</i> Shall mean Number</p> <p><i>Prs.</i> Shall mean Pairs</p> <p>B.S. Shall mean the British Standard specification Published by the British Standards</p> <p><i>Ditto</i> Shall mean the whole of the preceding description except as qualified in the</p> <p><i>m.s.</i> Shall mean measured separately.</p> <p><i>a.b.d</i> Shall mean as before described.</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
A.	<p>EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT</p> <p><i>Attendance</i> ; Clause B19(a) of the Standard Method of Measurement is deleted and the following clause is substituted:-</p> <p>Attendance on nominated Sub-Contractors shall be given as an item in each case shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary; providing space for office accommodation and for storage of plant and materials; providing light and water for their work; clearing away rubbish; unloading checking and hoisting; providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of Sub- Contractors' work and being responsible for the accuracv of the same.</p> <p><i>Fix Only</i>:-</p> <p>"Fix Only" shall mean take delivery at nearest railway station (Unless otherwise stated), pay all demurrage charges, load and transport to site where necessary, unload, store, unpack, assemble as necessary, distribute to position, hoist and fix only.</p>	
B	<p>FORM OF CONTRACT</p> <p>The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works (2021 Edition) included herein:</p> <p>The Conditions of Contract are also included herein</p> <p><i>Conditions of Contract</i></p> <p>These are numbered from 1 to 20 as set out in the standard tender document</p> <p>Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities</p>	
C	<p>PLANT, TOOLS AND VEHICLES</p> <p>The Contractor shall provide all necessary hoists, tackle, plant, vehicles, tools and appliances of every description for the due and satisfactory completion of the Works and shall remove same on completion.</p> <p>All materials and workmanship used in the execution of the works shall be of the best quality and description for the due and satisfactory completion of the works and shall remove the same on completion.</p> <p>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, provide special scaffolding as and when required during the Works including all sub-contracted works and remove on completion and make</p> <p>Such scaffolding shall be constructed of tubular steel or timber of sufficient scantlings and be provided with planked footways and guard-rails to approval.No timber used for scaffolding ,formwork or similar temporary works shall be used afterwards in the permanent work.</p> <p>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.</p> <p>Scaffolding is not measured hereinafter, and the Contractor must allow here or in his rates for the above.</p>	
D	<p>TRANSPORT.</p> <p>Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities.</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
A	<p>MATERIALS AND WORKMANSHIP.</p> <p>All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. 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 they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.</p>	
B	<p>SIGN FOR MATERIALS SUPPLIED.</p> <p>The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking deliver thereof, as having received them in good order and condition, and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including Customs Duty and V.A.T., all at the Contractor's own cost and expense, to the satisfaction of the PROJECT MANAGER.</p>	
C	<p>STORAGE OF MATERIALS</p> <p>The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER Nominated Sub-Contractors are to be made liable for the cost of any storage accommodation provided especially for their use.</p>	
D	<p>SAMPLES</p> <p>The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Public Works.</p> <p>The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors' work.</p> <p>No alternte rate shall be offered on account that the employer has chosen a superior finish unless the bidder had attached the sample he priced.</p>	
E	<p>SETTING OUT</p> <p>The contractor shall set out the works according to drawings and shall be responsible for its correctness and shall be required to amend any errors arising from inaccurate setting out at his own cost and expense. Any discrepancies on the dimensions or levels marked on the drawings should be reported to the architect for their immediate attention and the contractor shall only proceed after the architect's instructions to adjust the same. No claim for extra time, expense or relief fom provisions of the conditions of the contract may be made there after</p> <p>Before any works are commenced by sub-contractors or specialist, dimesnions must be checked by and agreed with the contractor. The contractor shall be responsible for the accuracy of such dimensions.</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
A	<p>GOVERNMENT ACTS REGARDING WORK, PEOPLE ETC.</p> <p>Allow for complying with all Government Acts, Orders and Regulations in connection with the employment of Labour and other matters related to the execution of the works. In particular the Contractor's attention is drawn to the provisions of the Factory Act 1950 and his tender must include for all costs arising or resulting from compliance with any Act, Order or Regulation relating to Insurances, pensions and holidays for workpeople or so the safety, health and welfare of the work people.</p> <p>The Contractor must make himself fully acquainted with current Acts and Regulations, including Police Regulations regarding the movement, housing, security and control of labour, labour camps , passes for transport, etc. It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc., and allow accordingly in his tender. No claim in respect of want of knowledge in this connection will be entertained.</p>	
B	<p>SECURITY OF WORKS ETC.</p> <p>The Contractor shall be entirely responsible for the security of all the works stores, materials, plant, personnel, etc., both his own and sub-contractors' and must provide all necessary watching, lighting and other precautions as necessary to ensure security against theft, loss or damage and the protection of the public.</p>	
C	<p>PUBLIC AND PRIVATE ROADS.</p> <p>Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER.</p>	
D	<p>EXISTING AND ADJACENT PROPERTY</p> <p>The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER</p> <p>The Contractor will be held fully responsible for the safety of the existing and adjacent buildings and for any damage caused in consequence of these Works. They must reinstate all damages at his own expense and indemnify the Employer against any loss. There are existing paving blocks that may be damaged in course of the works and as such the contractor is advised to include in their rates the cost of making good such</p> <p>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.</p>	
E	<p>VISIT SITE AND EXAMINE DRAWINGS.</p> <p>The Contractor is recommended to examine the drawings and visit the site the location of which is described in the Particular Preliminaries hereof. He shall be deemed to have acquainted himself therewith as to its nature, position, means of access or any other matter which, may affect his tender. No claim arising from his failure to comply with this recommendation will be considered.</p>	
	<p><i>Carried to collection</i></p>	

Item	Description	Amount KSh
A	<p>ACCESS TO SITE AND TEMPORARY ROADS.</p> <p>Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work and Contractor must allow for building any necessary temporary access roads (approximately 70 metres long) for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the Site. Upon completion of the works, the Contractor shall remove such temporary access roads; temporary culverts, bridges, etc., and make good and reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER.</p>	
B	<p>AREA TO BE OCCUPIED BY THE CONTRACTOR</p> <p>The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER</p>	
C	<p>OFFICE ETC. FOR THE PROJECT MANAGER</p> <p>The Contractor shall provide, erect and maintain where directed on site a properly ventilated lockable office for the consultants, having a minimum floor area of 40 Square Metres complete with adequate furniture (Tables, chairs e.t.c). Provision shall be made for artificial lighting and cleaning facilities for the duration of the works. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government and Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to the completion of the works and dismantle and make good disturbed surfaces. The office and closet shall be completed before the Contractor is permitted to commence the works. The Contractor shall make available on the Site as and when required by the "PROJECT MANAGER" a modern and accurate level together with levelling staff, ranging rods and 50 metre metallic or linen tape.</p> <p>In particular, the Contractor is to note that the neighbourhood will continue with operations during the period of the works and the contractor shall ensure that construction activities do not interfere with such operations by way of noise, obstruction, dust, vibrations or trespass.</p> <p>The site office is to be fully supplied with power,with notice boards, and drawers for storage.</p> <p>The contractor to allow for provision of snacks and soft drinks to participants during site inspections and meetings</p> <p>The entire site is a non-smoking area.</p> <p>All such temporary works shall be dismantled and cleared away on completion of the construction.</p>	
D	<p>COMPUTER AND INTERNET CONNECTION</p> <p>The Contractor shall provide and maintain the Project Manager's office with, A3 printer, a high performance desk top computer and a laptop connected with unlimited high speed wifi internet connection. The Contractor is to pay all connection charges and shall allow for any other fees that may become payable during the contract period. The computer specifications shall meet the Project Manager's requirement and shall be for sole use of the Project Manager or his representative.</p>	
E	<p>SANITATION OF THE WORKS</p> <p>The Sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Government and/or Local Authorities, Labour Department and the PROJECT MANAGER.</p>	
	<p><i>Carried to collection</i></p>	

Item	Description	Amount KSh
A	<p>WATER AND ELECTRICITY SUPPLY FOR THE WORKS</p> <p>The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER . The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub--contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.</p>	
B	<p>SUPERVISION AND WORKING HOURS</p> <p>The works shall be executed under the direction and to the entire satisfaction in all respects of the PROJECT MANAGER who shall at all times during normal working hours have access to the works and to the yards and workshops of the Contractor and sub-Contractors or other places where work is being prepared for the contract.</p> <p>The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(i) of the Standard Method of Measurement. Such sums are net and no addition shall be made to them for profit.</p>	
C	<p>PRIME COST (OR P.C.) SUMS.</p> <p>The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7 (ii) of the Standard Method of Measurement. Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods as stated in the Conditions of Contract are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers.</p>	
D	<p>PROGRESS CHART.</p> <p>The Contractor shall provide within two weeks of Possession of Site and in agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Sub-Contractors ; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress to be recorded and chart to be amended as necessary as the work proceeds.</p> <p>At the end of each month,the contractor shall incorporate actual start and finish dates into the time schedule and produce an update on the programme.The update is to show actual start and finish dates,identify out sequence of activities,critical activities and any constraints which may have or may affect the progress of the works.</p>	
E	<p>ADJUSTMENT OF P.C. SUMS.</p> <p>In the final account all P.C. Sums shall be deducted and the amount properly expended upon the PROJECT MANAGER'S order in respect of each of them added to the Contract sum. The Contractor shall produce to the PROJECT MANAGER such quotations, invoices or bills, properly receipted, as may be necessary to show the actual details of the sums paid by the Contractor. Items of profit upon P.C. Sums shall be adjusted in the final account pro-rata to the amount paid. Items of "attendance" (as previously described) following P.C. Sums shall be adjusted pro-rata to the physical extent of the work executed (not pro-rata to the amount paid) and this shall apply even though the Contractor's priced Bill shows a percentage in the rate column in respect of them.</p> <p>Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C. Sum is included in these Bill of Quantities profit and attendance will be allowed at the same rate as it would be if the work were executed by a Nominated Sub-Contractor.</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
A	<p>NOMINATED SUB-CONTRACTORS</p> <p>When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts as described in the Conditions of Contract and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".</p>	
B	<p>DIRECT CONTRACTS</p> <p>Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.</p>	
C	<p>ATTENDANCE UPON OTHER TRADESMEN, ETC.</p> <p>The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them. The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills.</p>	
D	<p>REMOVAL OF RUBBISH</p> <p>Removal of rubbish and debris from the Building and the site as it accumulates and at the completion of the works and removal all plant, scaffolding and unused materials at completion.</p>	
E	<p>INSURANCE</p> <p>The Contractor shall insure as required in the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.</p>	
F	<p>PROVISIONAL WORK</p> <p>All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.</p>	
	<p><i>Carried to collection</i></p>	

Item	Description	Amount KSh
A	<p>ALTERATIONS TO BILLS, PRICING, ETC.</p> <p>Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted.</p>	
B	<p>BLASTING OPERATIONS</p> <p>Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.</p>	
C	<p>MATERIALS ARISING FROM EXCAVATIONS</p> <p>Materials of any kind obtained from the excavations shall be the property of the Government. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the PROJECT MANAGER Should such permission be given, the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.</p>	
D	<p>PROTECTION OF THE WORKS.</p> <p>Provide protection of the whole of the works contained in the Bills of Quantities, including casing, casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government.</p>	
E	<p>WORKS TO BE DELIVERED UP CLEAN</p> <p>Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings, glass inside and outside and any other parts of the works and remove all marks, blemishes, stains and defects from joinery, fittings and decorated surfaces generally, polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER.</p>	
F	<p>GENERAL SPECIFICATION.</p> <p>For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads and Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p>	
	<p><i>Carried to collection</i></p>	

Item	Description	Amount KSh
A	<p>TRAINING LEVY</p> <p>The Contractor's attention is drawn to the legal notice which requires payment by the Contractor of a Training Levy at the rate of 1/4 % of the Contract sum on all contracts of more than KShs. 1,000,000.00 in value.</p>	
B	<p>MATERIALS ON SITE</p> <p>All materials for incorporation in the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.</p>	
C	<p>HOARDING</p> <p>The Contractor shall enclose the site or part of the works under construction with a hoarding 2400 mm high consisting of iron sheets on 100 x 50 mm timber posts firmly secured at 1800 mm centres with two 75 x 50 mm timber rails. The Contractor is in addition required to take all precautions necessary for the safe custody of the works, materials, plant, public and Employer's property on the site.</p> <p>The length of the Hoarding is Approximately 900 Metres</p>	
D	<p>CONTRACTOR'S SUPERINTENDENCE/SITE AGENT</p> <p>The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.</p>	
E	<p>SHOP DRAWINGS</p> <p>The contractor shall prepare for scrutiny and issue to the architect, copies of detailed shop drawings of all specialists works. The contractor shall immediately amend after the architect has checked the drawings and when approved shall issue to the architect four copies for general use. The scrutiny of these drawing shall be for general conformity including conformity with the works of others and to co-ordinate the contract work in pace. Such approvals shall not imply any further indication or correctness.</p>	
F	<p>PROTECTIVE CLOTHING</p> <p>The Contractor shall provide all protective or any other special clothing or equipment for their employees that may be necessary.</p> <p>These shall include, inter-alia, safety helmets, gloves, goggles, earmuffs, gumboots, steel toed boots, overalls, etc according to the type of work. The Contractor shall ensure that all safety and protective gear are worn by all staff on site at all times</p>	
	<i>Carried to collection</i>	

Item	Description	Amount KSh
	<u>COLLECTION</u>	
	Brought Forward From Page GP/1	
	Brought Forward From Page GP/2	
	Brought Forward From Page GP/3	
	Brought Forward From Page GP/4	
	Brought Forward From Page GP/5	
	Brought Forward From Page GP/6	
	Brought Forward From Page GP/7	
	Brought Forward From Page GP/8	
	Brought Forward From Page GP/9	
	TOTAL FOR GENERAL PRELIMINARIES CARRIED TO GRAND SUMMARY	

2 NO.HOSTEL BLOCK

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>ELEMENT NO.1</u> <u>SUBSTRUCTURES</u> <u>(ALL PROVISIONALLY MEASURED)</u> <u>(The following works have been measured upto and including floor slab and shall be executed under the direction of the Project Manager (P.M.)</u></p> <p><u>Excavations</u></p>				
A	Clear site of all shrubs and undergrowth including grubbing up of roots and dispose off as directed.	1764	SM		
B	Excavate oversite average 300mm deep and cart away as directed	1764	SM		
C	Bulk excavation in black cotton soils depth not exceeding 1.5 M	2415	CM		
D	Ditto but depth exceeding 1.5 but not exceeding 3.0 M	2415	CM		
E	Excavate trenches for strip foundation not exceeding 1.5metres from reduced level	98	CM		
F	Excavate for column bases not exceeding 1.5metres from reduced level	334	CM		
G	Extra over rock excavation in all classes	75	CM		
H	Allow for keeping the whole of the excavations free from all water; include for draining or other wise keeping all works free from water as necessary over the entire contract period	ITEM			
J	Allow for maintaining and upholding sides of excavations and keeping excavations clear of all fallen materials, rubbish etc	ITEM			
K	Approved Fill Material (Natural Gravel), compacted in uniform layers of 200 - 300mm thick with motor grader on a prepared subgrade, compacting with vibratory rollers till 95% of the maximum dry density. Including tests on completion of each GSB layer. The strength of each GSB layer shall be evaluated by conducting CBR load test for obtaining a CBR value greater than 5 as per AASHTO T99	4398	CM		
L	Return, fill and ram with selected and approved excavated material around excavations	432	CM		
M	Load and cart away excavated materials from site	4830	CM		
N	Approved hardcore bed handpacked, well watered and compacted laid in layers of 150mm thick	409	CM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUBSTRUCTURES (Continued)</u>				
A	50 mm fine material blinding to hardcore surfaces, well rolled and leveled to receive concrete	1220	SM		
B	Chemical anti-termite treatment, as "Premise 200sc." or other equal and approved anti termite insecticide; applied strictly in accordance with manufacturer's printed instructions and INCLUDING providing a TEN year guarantee period,to surfaces of hardcore and vertical sides of excavated surfaces	1220	SM		
C	1,000 gauge polythene sheeting with sides and end laps as described laid on blinded surfaces	1220	SM		
	<u>Plain concrete (1:4:8) in :-</u>				
D	50mm thick Blinding to strip foundations	941	SM		
E	Ditto to column bases	510	SM		
	<u>Vibrated Reinforced Concrete grade 20/20 (1:2:4) in :-</u>				
F	Foundation Strip footing	382	CM		
G	Foundation column bases	383	CM		
H	Columns	33	CM		
J	150mm thick ground floor slab	1220	SM		
	<u>Sawn Formwork to :-</u>				
K	Sides of strip footing	752	SM		
L	Ditto column bases	486	SM		
M	Ditto Columns	474	SM		
N	Edges of floor slab 75 - 150mm high	249	LM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUBSTRUCTURES (Continued)</u>				
	<u>Steel reinforcement including cutting to length, bending and fixing including all necessary tying wires and spacing blocks as directed</u>				
A	8mm diameter bars	8970	KG		
B	10mm diameter bars	6218	KG		
C	12mm diameter bars	17825	KG		
D	16mm diameter bars	17820	KG		
E	25mm diameter bars	4354	KG		
F	Steel fabric reinforcement mesh No. A142 weighing 2.22kg/sm and fixed in concrete bed	1220	SM		
	<u>Natural stone walling in cement and sand (1:3) mortar and including reinforcing with 20 x 3mm thick hoop iron in every alternate course.</u>				
G	200mm thick walling	2624	SM		
	<u>Plinth</u>				
H	12mm thick cement-sand (1:3) render to plinths	154	SM		
J	Prepare and apply three coats Bitumastic paint to rendered plinths externally	154	SM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>SUBSTRUCTURES (Contd.)</u></p> <p>A 600 x 600 x 50mm thick precast concrete paving block bedded and jointed in cement and sand (1:4) mortar laid on and including 50mm thick sand bed</p>	280	SM		
	Carried forward to Collection				
	<p>COLLECTION</p> <p>From page HB / 1</p> <p>From page HB / 2</p> <p>From page HB / 3</p> <p>From Above</p>				
	Total Substructure Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.2</u>				
	<u>REINFORCED CONCRETE SUPERSTRUCTURES</u>				
	<u>In situ reinforced concrete: class 25 : vibrated in:-</u>				
A	Ring Beams	423	CM		
B	Column	249	CM		
C	Steps, staircases or strings	23	CM		
D	150mm Thick suspended slab	2628	SM		
E	150mm Thick Landing	56	SM		
F	100mm Roof slab	699	SM		
	Sawn Formwork to :-				
G	Sides and soffits of ring beam	2257	SM		
H	Sides of columns	1847	SM		
I	Soffits of suspended slab	2628	SM		
J	Soffits of landings	56	SM		
K	Ditto Roof Slab	699	SM		
L	Soffits of staircases	142	SM		
M	Edges of suspended slab 75-150mm high	768	SM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>REINFORCED CONCRETE SUPERSTRUCTURES((Contd.)</u>				
A	Edges of roof slab 75-150mm high	128	LM		
B	Ditto risers 75-150mm High	280	LM		
C	Raking string edge to staircases 300mm high (extreme) cut and fitted to profile of treads and risers	38	LM		
	<u>Reinforcement (Provisional)</u>				
	<u>Supply and fix steel bar reinforcement including bending, hooking, tying wire, cutting, spacers and supporting all in position igh tension square</u>				
	<u>H twisted mild steel bars reinforcement to BS 4449 in structural concrete</u>				
D	8mm diameter bars	12901	KG		
E	10mm diameter bars	31979	KG		
F	12mm diameter bars	53302	KG		
G	16mm diameter bars	29844	KG		
H	20mm diameter bars	15465	KG		
J	25mm diameter bars	12398	KG		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>REINFORCED CONCRETE SUPERSTRUCTURES(Contd.)</u>				
	<u>Precast concrete grade 25 finished fair on all exposed surface with 12mm aggregate including moulds and hoisting,bedding and flush pointing in cement and sand(1:4)motar</u>				
A	200 mm x 50 mm Fins with rebated top and bottom and including all necessary reinforcement and pinning ends to concrete beam (in No. 176)	733	LM		
	Carried forward to Collection				
	COLLECTION				
	From page HB /5				
	From page HB /6				
	From Above page				
	Total Reinforced Concrete Superstructure Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.3</u>				
	<u>WALLING</u>				
	<u>Smooth chisel dressed natural stone walling in cement and sand (1:4) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u>				
A	200mm thick walling externally	3368	SM		
B	200mm medium dressed walling internally	5402	SM		
C	150mm ditto	330	SM		
D	100mm ditto	214	SM		
	<u>Damp Proof Course</u>				
	<u>Approved quality 3-ply bituminous felt damp proof course under walls</u>				
E	200mm Thick walling internally	648	LM		
F	150mm ditto	110	LM		
G	100mm ditto	69	LM		
	<u>Permanent ventilation</u>				
H	Pair of permanent ventilation size 225 x 225 x 25mm thick fixed with and including mosquito wire gauze	204	NO		
I	Leave or form hole in 200mm thick wall size 225 x 225mm wide	154	NO		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.3</u>				
	<u>WALLING(Contd.)</u>				
A	Eaves Filling to 200mm Thick wall extreme height 300mmm	375	LM		
B	Eaves filling to gable ends	54	LM		
	Carried forward to Collection				
	COLLECTION				
	From page HB / 8				
	From Above page				
	Total Walling Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.4</u>				
	<u>ROOFING and RAINWATER DISPOSAL</u>				
	<u>Approved concrete roofing tiles size 380x230mm or other equal and approved on 38x 38mm battens on 150 x 150mm timber trusses</u>				
A	Pre-painted I.T.4 Box profile; 26 Gauge; iron sheet roof cover fixed onto steel zed purlin (m.s) and fixed at 12500mm high above ground level	2124	SM		
B	Ridge cap to match item (A) above	205	LM		
C	Hip cap to match item (A) above	20	No		
	<u>Underlay</u>				
D	Roof underlay in 15mm thick jumbochem or other equal and approved material fixed to architectural details.	2124	SM		
E	Gauge 26 galvanized iron valley gutter 750mm girth	30	LM		
	<u>TRUSSES(All measured Provisionally)</u>				
	<u>The following in pressure impregnated first grade cypress timberin double-Pitch trusses and hoisting 3300mm above ground levelwith all scarf jopints well tied with 20x2mm thick hoop-iron</u>				
F	100 x 50mm Tie Beam	617	LM		
G	100 x 50mm Rafters	763	LM		
H	100x50mm king-post,collar splices and struts	315	LM		
J	150 X 50 mm wall plate well jointed and screwed to masonry walling with all associated nuts ,washers and 75mm bolts	418	LM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS, MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOFING and RAINWATER DISPOSAL (Contd)</u>				
A	100 x 50mm struts and ties	1137	LM		
B	Ditto Purlins	1126	LM		
C	200 x 50mm Ridge board	205	LM		
	<u>Eaves</u>				
D	50 x 50 mm second grade celcured and well seasoned cypress timber brandering	758	LM		
E	Ditto but plugged	249	LM		
	<u>Fascia Board</u>				
G	225 X 25 mm thick wrot cypress fascia /burge board fixed to the end of rafters	502	LM		
H	Ditto but plugged	502	LM		
	<u>Rain water goods</u>				
	<u>Gutter</u>				
J	250 x100mm galvanised gutter gauge 24 fixed to fascia boards(m/s) with including approved steel brackets at 1000mm centres	259	LM		
K	Extra over gutter for stopped ends	15	NO		
L	Ditto but for 100mm diameter outlet	15	NO		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ROOFING and RAINWATER DISPOSAL (Contd)</u>				
A	100mm diameter downpipe fixed to walling with holder butts at 1000mm centres one end built into walling including grouting around in mortarwrought metal brackets set at 1000mm centres	168	LM		
B	Extra over ditto for swanneck	14	NO		
C	Ditto but shoe 500mm long	14	NO		
	<u>Decoration and Painting</u>				
	<u>EXTERNALLY</u>				
	<u>Knot, prime, stop, destain, prepare and apply one undercoat and two gloss finishing oil paint to :-</u>				
D	Surfaces of timber 200-300mm girth	502	LM		
	<u>Prepare and apply three coats gloss oil paint to:-</u>				
E	General surfaces of metal gutters	43	SM		
F	Surfaces of large pipes girth 200-300mm girth	15	LM		
	Carried forward to Collection				
	COLLECTION				
	From page HB / 10				
	From page HB / 11				
	From Above page				
	Total Roofing and Rainwater Disposal Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS, MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 5</u> <u>DOORS</u>				
	<u>Mildsteel Doors</u>				
A	1200 x 2050mm high mild steel pannel door comprising of 4 No. Size 300 x 495mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer	8	No.		
B	1800 x 2050mm high mild steel pannel door comprising of 6 No. Size 300 x 350 mm high and 6mm thick glass panels including 900 x 350mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer	12	No.		
	<u>Flush doors as BS.459 part 2</u>				
C	45mm thick sand core flush door faced both sides with 6 mm interior quality plywood ready for painting and hardwood lipped all round size 900 x 2100mm high	48	No.		
D	Ditto 1000 x 2050mm high	97	No.		
E	Ditto 700 x 2050mm high	16	No.		
F	Ditto 830 x 2050mm high	119	No.		
G	Ditto 1050 x 2050mm high	8	No.		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS (Cont'd)</u>				
	<u>Panel doors :wrot mahogany</u>				
A	Double leaf door 50mm thick overal size 1750x2350mm high in 2 no.equal leafs 200mm high fixed glass(m/s)upper section fanlight	4	No.		
B	Ditto single door 1200 d 2250mm high	2	No.		
C	Ditto but 900 x 2250mm high	2	No.		
E	150mm x 50mm frame with two labour plugged	1692	LM		
F	Ditto transomes and mullions twice laboured	294	LM		
G	50MM X 25MM Achitrave	1692	LM		
H	20 X 25 glazing beads	655	LM		
J	25MM Diameter quadrant	1692	LM		
	Supply and fix the following ironmongery with				
K	3 Lever mortise lock and set furniture ref.Union 2295	296	No.		
L	100mm Brass butts hinges	444	PRS		
M	40mm Diameter rubber door stops	320	No.		
	<u>Fanlight glazing</u>				
N	4mm Thick clear glass glazing fixed with and including timber glazing size 900 x300mm high	132	No.		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS (Cont'd)</u>				
	<u>Painting</u>				
A	Prepare and apply three coats wood preservative primer to back of timber and frame exceeding 100mm high Knot, prime, prepare and apply three coats of gloss oil	2312	LM		
B	General surface of timber	957	SM		
C	Surfaces between 200mm to 300mm girth	1311	LM		
D	Ditto between 100mm to 200mm girth	655	LM		
	<u>Prepare and apply three coats of gloss oil paint to:</u>				
E	General surfaces of timber	30	SM		
	<u>One undercoat and two coats of polythene clear varnish or equal and approved</u>				
F	General surfaces of timber	875	SM		
G	Surfaces between 200mm to 300mm girth	1302	LM		
H	Ditto between 100mm to 200mm girth	1167	LM		
	Carried forward to Collection				
	COLLECTION				
	From page HB / 13				
	From page HB / 14				
	From Above page				
	Total Doors Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENTS NO.6</u>				
	<u>WINDOWS</u>				
A	and jointed with cement and sand (1:3) mortar 250 x 25 mm pre cast concrete window cill bedded	733	LM		
	<u>Supply & fix the following purpose made steel casement window fabricated from standard sections complete with frames, mullions and transoms including all necessary locking and window stays, screws and nuts once shop primed before delivery to site</u>				
B	Steel casement window size 2000x1500mm high (Type W1).	145	NO		
C	Steel casement window size 1500x1000mm high (Type W2).	16	NO		
D	Steel casement window size 1495 x1500mm high (Type W3).	4	NO		
E	Steel casement window size 2000x2000mm high (Type W4).	3	NO		
F	Steel casement window size 1880x1500mm high (Type W5).	2	NO		
G	Steel casement window size 1500x1500mm high (Type W6).	2	NO		
H	Steel casement window size 600x1200mm high (Type W7).	32	NO		
J	Steel casement window size 600x600mm high (Type W8).	2	NO		
J	Steel casement window size 1000x1200mm high (Type W8).	32	NO		
	<u>Welded metal grill burglar proofing in 20mm S.H.S bars with openable lower half, one coat primer including cutting and pinning to concrete.</u>				
K	Overall size 2000 x 1500m high	84	NO		
L	Overall size 750 x 750m high	64	NO		
M	Overall size 900 x 600m high	2	NO		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS(CONTINUED)</u>				
A	Overall size 1200 x1200mm high	24	NO		
B	Overall size 1500 x1500mm high	16	NO		
C	Overall size 1300 x600mm high	8	NO		
D	Overall size 900 x900mm high	32	NO		
E	Overall size 500 x900mm high	34	NO		
	The following wrot cypress				
F	225 x25mm Pelmate top	733	LM		
G	125 x 25mmPelmate fascia	733	LM		
H	225 x25mm Window board	733	LM		
I	50 X 50MM Bearer plug	733	LM		
J	225 x 100 x25mm pelmate box ends	333	NO		
K	Alluminium rail	733	LM		
	<u>4mm thick clear glass and glazing fixed with and including putty to steel windows</u>				
M	Panes 0.1-0.5 square metres	698	SM		
	<u>Prepare and apply three coats of gloss oil paints to</u>				
N	Glazed surfaces both sides (MS)	698	SM		
	<u>Sand, stain prepare and apply three coats clear polyurathene to timber surfacees</u>				
P	Surfaces 100-200mm girth	698	LM		
Q	Ditto 200-300mm girth	264	LM		
	Carried forward to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS(CONTINUED)</u>				
	COLLECTION				
	From page HB / 17				
	From page HB / 18				
	Total Window Carried forward to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENTS NO.7</u>				
	<u>EXTERNAL FINISHES</u>				
	<u>Walls</u>				
A	Extra over walling for smooth chisel dressing with flush pointed vertical joints and recessed horizontal joints	3368	SM		
	<u>12MM THICK GAUGED LIME (1:2:9) Plaster to</u>				
B	Beams	972	SM		
C	Columns	462	SM		
	<u>Skim, Prepare and apply three coats exterior quality silicon based external antifungal paint(including skimming): colour to approval by application strictly in accordance with suppliers printed instructions</u>				
D	Plastered surfaces to beams and columns	1434	SM		
	<u>"EPDM" Waterproofing</u>				
E	Bottom of roof slab	179	SM		
	Total External Finishes Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.8</u>				
	<u>INTERNAL FINISHING</u>				
	<u>Floors</u>				
A	32mm thick screed prepared to receive glazed non-slip ceramic tiles (m/s)	2677	SM		
B	32mm thick screed prepared to receive granito tiles	1339	SM		
C	32mm thick screed prepared to receive Terrazo	536	SM		
	<u>Non-slip ceramic floor tiles as 'Saj Ceramics' or other equal and approved jointed and pointed with matching cement sand (1:4) mortar: colour quality and pattern to the Project Manager's scheme in;</u>				
D	300 X 300 X 8 mm thick ceramic floor tiles fixed with an approved adhesive on prepared screed(m/s)	2677	SM		
E	100x20mm matching screed skirting with rounded top and covered junction	2639	LM		
	<u>450 x450 x8 mm thick approved granito tiles fixed with adhesives on prepared screed with sraight continuos joints in both directions jointed and flush pointed with tinted flexible exposy grout</u>				
F	450X 450 X 8 mm thick granito floor tiles fixed with an approved adhesive on prepared screed(m/s)	1339	SM		
G	100x20mm matching screed skirting with rounded top and covered	2554	LM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.8</u>				
	<u>INTERNAL FINISHES(CONTINUED)</u>				
	<u>Floors</u>				
	<u>20mm thick, 2 No. coat work terrazzo; approved colour; cement and marble chippings (1:2); machine polished; to concrete or blockwork base generally to: -</u>				
A	Floors and verandah	617	SM		
B	Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish	540	LM		
	<u>Ceiling</u>				
C	50X50mm Celcured cypress timber bandering	3480	LM		
D	Ditto but plugged	1160	LM		
E	10 mm thick Celotex board ceiling sheet on bandering	868	SM		
F	Extra over celotex for door trap size 600 x600mm	10	No.		
G	100X25mm wrot cypress moulded cornice	1023	LM		
H	12mm thick cement and sand (1:3)plaster to concrete soffits	4340	SM		
I	Prepare and apply three coats of grade plastic emulsion paint to	4340	SM		
J	Plastered concrete soffits	4340	SM		
K	Celotex ceiling surfaces Timber surfaces exceeding 100mm	868	SM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>INTERNAL FINISHES(CONTINUED)</u>				
A	12mm thick gauged lime (1:3) render to beams. <u>Prepare and apply three coats "silk vinyl as crown berger" Plastic emulsion painting to:-</u> <u>Internally</u>	7381	SM		
B	Plastered walls	13683	SM		
C	<u>Staircases</u> Cement and sand (1:3) screed to				
D	Surfaces of landing	56	SM		
E	150 X 25mm Thick risers	280	LM		
F	306 X 25mm Thick Treads	280	LM		
G	100 x20mm Thick skirting to the profile of risers and traeads	280	LM		
	<u>Insitu polished granito paving on screed floor</u>				
H	40mm Thick paving of landings	56	SM		
J	150 X 25 MM Thick to risers	280	SM		
K	250 X 25 MM Thick to treads	280	LM		
L	100 X 20 MM Thick skirting on the profile of risers and treads	280	LM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>INTERNAL FINISHES(CONTINUED)</u>				
	<u>Cement and sand (1:3) plaster to;</u>				
	<u>Internally</u>				
A	Sloping soffits of staircase	142	SM		
B	soffits of landing	56	SM		
	<u>Prepare and apply three coats of</u>				
C	Plastered sloping concrete soffits of staircases	142	SM		
D	Ditto landings	56	SM		
	Carried forward to Collection				
	COLLECTION				
	From page HB / 20				
	From page HB / 21				
	From page HB / 22				
	From Above page				
	Total internal Finishes Carried forward to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.9</u>				
	<u>JOINERY FITTINGS</u>				
	<u>Bedroom wadrobes (176no)</u>				
	<u>Plain concrete 1:3:8</u>				
A	Plinth,120mm thick	87	SM		
	<u>Formwork</u>				
B	Edges of plinth 75-150mm girth	281	LM		
	<u>Cement and Sand (1:4) paving</u>				
C	25mm paving steel trowelled smooth	87	SM		
	<u>Wrot mahogany</u>				
D	Frame with one labour plugged size 75 x 50 mm	1232	LM		
E	Frame with one labour plugged size 75 x 50 mm	440	LM		
F	Frame with one labour plugged size 50 X 25 mm	880	LM		
	<u>MDF</u>				
G	20mm medium density fibre board door grooved and chamfered to detail overallsize 400 *2100mm	352	SM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.9</u>				
	<u>JOINERY FITTINGS(CONTINUED)</u>				
A	20mm medium density fibre board door grooved and chamfered to detail overall size 400 x 600mm	704	SM		
	- <u>Blockboard to B.S344</u>				
B	25mm thick Sides and division with lipping	264	SM		
C	Ditto tops	88	SM		
D	Ditto shelving	88	SM		
	<u>Wrot mahogany</u>				
E	Drawer of 20mm front 12mm sides and back and 6mm plywood overall size 500 x 600 x 200mm	352	NO.		
F	Drawer guides and runners	422	LM		
	<u>Reading tables</u>				
	<u>17NO.825 X600X850MM HIGH</u>				
	<u>Wrot mahogany</u>				
G	Frame with one labour plugged size 75 x 50 mm	596	LM		
H	Frame with one labour plugged size 150 x 25 mm	290	LM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS, MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>JOINERY FITTINGS(CONTINUED)</u>				
	<u>MDF</u>				
A	20mm medium density fibre board door veneered on one side including lipping	90	SM		
B	Ditto 150mm high facia	145	LM		
	<u>Wrot mahogany</u>				
C	Frame with one labour plugged size 75 x 50 mm	669	LM		
D	Frame with one labour plugged size 150 x 25 mm	1021	LM		
	<u>Blockboard to B.S344</u>				
E	25mm thick Base with lipping	317	LM		
	<u>Structural steel</u>				
F	75 x 75 mm mild steel brackets L Shaped 300mm	704	LM		
	<u>Wrot mahogany</u>				
G	200 x 50mm Dadoo to detail	986	LM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>JOINERY FITTINGS(CONTINUED)</u>				
	<u>High level kitchen cup boards</u> (8No. 2200 x 400 x 600mm high)				
A	Frame with one labour plugged size 50x 38 mm	140	LM		
B	Frame with two labour plugged size 50x 38 mm	180	LM		
C	Cypress bearer plugged size 40 x25 mm	320	LM		
	<u>Beech laminated MDF</u>				
D	20mm medium density fibre board door grooved and chamfered to detail overall size 500 x 600mm	40	NO		
	<u>Blockboard to B.S3444</u>				
E	25 mm thick sides and division including lipping	20	SM		
F	Ditto tops	40	SM		
G	Ditto shelving	10	SM		
	<u>Reinforcements</u>				
H	Layer of mesh fabric reinforcement laid in slabor bed with 200mm side and end laps(measured net) Ref142 weighing 2.22kg/sm	64	SM		
	Sawn formwork				
I	To soffits of top	64	SM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>JOINERY FITTINGS(CONTINUED)</u>				
	<u>Cement and Sand (1:4) Paving</u>				
A	25mm paving steel trowelled smooth	64	SM		
B	Form or leave holes in concrete size 600 x 1500mm	107	LM		
	<u>Iron mongery supply and fix with matching screw</u>				
	50mm Brass Butt hinge	922	PRS		
E	Cupboard lock	392	NO		
F	Pull handle	1096	NO		
G	Drawer Knob	352	NO		
F	Brass tower bolt	352	NO		
G	Ball catch	744	NO		
	<u>LAUNDRY COUNTERS</u>				
	2NO. 600x2000mm high)				
	Concrete tops				
H	Dhobi worktop comprising 75mm suspended concrete	104	SM		
I	Ditto and boxing to form openings for 2no.Terrazo dhobi sinks (MS)	104	SM		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PAINTING AND DECORATION</u>				
	<u>Prepare and apply one undercoat two finishing coats of 1st quality super gloss paint to:</u>				
A	General surface of block board	327	SM		
	<u>Prepare and apply one undercoat stainer and two finishing coats of varnish to:</u>				
B	General surface of timber	597	SM		
C	Surfaces not exceeding 100mm girth	864	LM		
D	Surface not exceeding 100mm but not exceeding 200mm	864	LM		
E	Surface not exceeding 200mm but not exceeding 300mm	864	LM		
	<u>ADDITIONAL JOINERY FITTINGS</u>				
F	20mm MDF Partition boards	720	SM		
G	Drawer units complete with slider	4	NO		
H	20mm Quadrant fixed to all cupboard and fixed beds	3380	LM		
J	Fixing of malipa hinges to all MDF doors and hostel rooms	774	PRS		
K	Alluminium D-Handle to cupboard doors	768	NO		
L	Fixing of 25mm diameter PVC vent complete with glue	3072	NO		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>JOINERY FITTINGS(CONTINUED)</u>				
A	25mm chrome pipe fixed as hangers	310	LM		
B	Ditto but end holdin bracketsto the sam	385	PRS		
	Carried forward to Collection				
	From page HB / 24				
	From page HB / 25				
	From page HB / 26				
	From page HB / 27				
	From page HB / 28				
	From page HB / 29				
	From above				
	Total Joinery Fittings Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.10</u>				
	<u>BALUSTRADES AND RAILING</u>				
	<u>Balcony Railing</u>				
A	40 x 40 x3mm thick RHS balusters beeded to concrete with cement and sand (1:3) mortar	85	LM		
B	40 x 40 x3mm thick RHS top rail	85	LM		
C	40 x 40 x3mm thick RHS Bottom rail	85	LM		
D	25 x25 x2mm Ditto intermediate vertical rails welded to mild steel member	283	LM		
E	Prepare and apply three coats of gloss oil paint to metal surface not exceeding 100mm girth	283	LM		
F	Ditto 100-200 mm girth	255	LM		
	<u>Sundries</u>				
G	Make holes in concrete slab size 50 x50 x50 mm deep	78	NO		
H	Welded ends 25 x25x 2 mm rails to 40 x40x 3mm top and bottom rails	564	NO		
	Carried forward to Collection				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS,MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.10</u>				
	<u>BALUSTRADES AND RAILING(continued)</u>				
	<u>Staircase Railing</u>				
A	40 x 40 x3mm thick RHS balusters beeded to concrete with cement and sand (1:3) mortar	120	LM		
B	40 x 40 x3mm thick RHS top rail	179	LM		
C	40 x 40 x3mm thick RHS Bottom rail	179	LM		
D	25 x25 x2mm Ditto intermediate vertical rails welded to mild steel member	295	LM		
E	Prepare and apply three coats of gloss oil paint to metal surface not exceeding 100mm girth	295	LM		
F	Ditto 100-200 mm girth	478	LM		
	<u>Sundries</u>				
G	Make holes in concrete slab size 50 x50 x50 mm deep	120	NO		
H	Welded ends 25 x25x 2 mm rails to 40 x40x 3mm top and bottom rails	672	NO		
	Carried forward to Collection				
	From page HB / 30				
	From above				
	Total Balustrade and Railings Carried forward to Summary				

PROPOSED 2NO. HOSTELS AT BOMET CAMPUS, MOI UNIVERSITY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.11</u>				
	<u>SITE CLEARANE WORKS</u>				
	<u>All provisional</u>				
	<u>Site Clearance and Excavation Works</u>				
A	Clear site of all bushes, shrubs and grub up roots and remove from site	2224	SM		
B	Excavate oversite soil average 150 mm deep and cart away from site	2224	SM		
	<u>NATURAL STONE</u>				
A	In 200mm Thick wall as described enclosure to flower bed and tops ramp laid on and including 250mm wide 50mm thick concrete 1:3:6 bed fair finished pointed on expsed edges and finished in 15mm thick mortar on tops	299	SM		
	Carried forward to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
HOSTELS SUMMARY					
1	SUBSTRUCTURE			PAGE	
2	REINFORCED CONCRETE SUPERSTRUCTURE			PAGE 7.	
3	WALLING			PAGE 9.	
4	ROOFING			PAGE	
5	DOORS			PAGE	
6	WINDOWS			PAGE	
7	EXTERNAL FINISHES			PAGE	
8	INTERNAL FINISHES			PAGE	
9	JOINERY FITTINGS			PAGE	
10	BALUSTRADING & RAILINGS			PAGE	
11	SITE WORKS			PAGE	
	SUB TOTAL FOR 1 NO BLOCK				
	TOTAL= X 2 BLOCK				X 2
					X 2

MPH

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<p><u>ELEMENT NO.1</u> <u>SUBSTRUCTURES(ALL PROVISIONAL)</u></p> <p><u>Paving Slabs around building</u></p> <p>A 600 x 600 x 50mm thick precast concrete paving block bedded and jointed in cement and sand (1:4) mortar laid on and including 50mm thick sand bed</p> <p>B Excavation and levelling before laying the paving slabs</p>	<p>370</p> <p>370</p>	<p>SM</p> <p>SM</p>		
	<p>TOTAL FOR ELEMENT NO.1 (SUBSTRUCTURES) CARRIED TO SUMMARY</p>				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT 02				
	<u>ROOFING</u>				
A	Remove the leaking roofing sheets from the identified areas	600	SM		
	<u>Pre-painted gauge I.T.4 versatile iron sheet roof cover as "Galsheet" or equivalent manufacturer fixed onto timber purlins (m.s) at 12000mm height above general ground level</u>				
B	Supply and install versatile roofing iron sheet as supplied by approved supplier	600	SM		
	<u>Rain water goods</u>				
	<u>Gutters</u>				
C	250 x 100mm galvanized iron gutter gauge 24 fixed to fascia boards (m/s) with and including approved steel brackets at 1000mm centres	540	LM		
D	Extra over gutter for stopped ends	22	NO		
E	Ditto but for 100 mm diameter outlet	22	NO		
	<u>Downpipe</u>				
F	100 mm diameter galvanised iron downpipe gauge 24 fixed to wall with and including holder butts at 1000mm centres	96	LM		
G	Extra over downpipe for swanneck 1200mm long	22	NO		
H	Ditto horse shoe 300 mm long	22	NO		
	<u>Decoration and painting</u>				
	<u>Knot, stop,prepare and apply three coats oil gloss paint to:</u>				
J	Surfaces of timber 200-300mm girth	540	LM		
	<u>Prepare and apply three coats gloss oil paint to:</u>				
K	General surfaces of metal gutters	102	SM		
L	Surfaces of large pipes	27	SM		
	TOTAL FOR ROOFING & RAINWATER GOODS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 3</u>				
	<u>INTERNAL FINISHES</u>				
	<u>FLOORS</u>				
A	Hack to remove the existing floor tiles and cart away the arising debris	1,650	SM		
	<u>Cement and sand (1:4) screeding smooth trowelled</u>				
B	32mm thick screed prepared to receive ceramic tiles (m/s)	1,650	SM		
C	300 X300 X 8 Non- slip floor tiles, local approved colour; glazed; to regular pattern bedding and jointing in cement mortar (1:4). Grouting joints with matching colour cement	1,650	SM		
D	Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish	1,822	LM		
	<u>Ceiling</u>				
E	50 x 50mm celcured cypress timber brandering	400	LM		
F	10mm thick Celotex board ceiling nailed to timber brandering (m/s)	600	SM		
G	EXTRA OVER CELOTEX CEILING FOR TRAP DOOR SIZE 600 X 450MM WIDE COMPRISING WITH AND INCLUDING 50 X 50MM TIMBER FRAMING	10	NO		
H	100 x 25mm Thick wrot softwood moulded cornice	220	LM		
	<u>Prepare and apply three coats first grade plastic emulsion paint to:</u>				
J	Celotex ceiling surfaces	600	SM		
K	Timber surfaces not exceeding 100mm girth	220	LM		
	Finishes/Renovations to Summary				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
Element 9					
SITE WORKS					
(ALL PROVISIONAL)					
Site clearance and Excavations					
A	Clear site to remove small trees, bushes, shrubs, grass and the like. Grub up roots and cart away	703	SM		
B	Excavate oversite average depth 200mm to remove vegetable top soil and deposit elsewhere on site for reuse	703	SM		
C	Bulk excavation to reduce levels not exceeding 1.5m deep and cart away mechanically	1,155	CM		
Filling					
D	Approved imported filling well rolled and compacted to 95% maximum dry density in layers not exceeding 150mm thick to make up levels	1155	CM		
E	150mm thick murrum filling well rolled and compacted	703	SM		
F	Roll and compact reduced level sub- base to 95% maximum dry density	703	SM		
G	300mm thick approved hand packed hardcore well rolled and compacted to 100% maximum dry density	703	SM		
H	Blind surface of hardcore with 50mm thick fine material watered and consolidated	703	SM		
I	Grade surface of filling to falls	703	SM		
Paving blocks					
K	BAMBURI' special products or other equal and approved 60mm thick standard duty paving blocks on and including 25mm thick sand bed to manufacturer's specifications	703	SM		
TOTAL FOR ELEMENT NO. 11 (CABRO WORKS) CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PERIMETER WALLING- AT MULTI PURPOSE HALL.</u>				
	<u>SECTION SUMMARY</u>				
A	SUBSTRUCTURES.....				
B	ROOFING.....				
C	INTERNAL FINISHES.....				
I	SITE WORKS.....				
	TOTAL FOR 1NO. MULTI PURPOSE HALLCARRIED TO MAIN SUMMARY (COMPLETION & RENOVATION)				
			KSHS		

LIBRARY

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<p><u>PROPOSED ERECTION AND COMPLETION OF FOUR STOREY LIBRARY BLOCK FOR BOMET CAMPUS- MOI UNIVERSITY</u></p>					
<p><u>ELEMENT NO.1</u></p>					
<p><u>SUBSTRUCTURES (ALL PROVISIONAL)</u></p>					
A	15mm thick cement sand (1:6) rendering to plinth surface.	89	SM		
B	Prepare and apply three coats of bitumen to plinth surface.	89	SM		
C	50mm thick precast concrete (1:2:4) paving slab each size 600 x 600mm laid with (1:3) cement sand mortar on and including 50mm thick bed of sand including applying approved herbicide before laying slabs	300	SM		
<p>TOTAL FOR ELEMENT NO. 01 SUBSTRUCTURES CARRIED TO SUMMARY</p>					

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u>				
	<u>DOORS</u>				
	<u>FLUSH DOORS</u>				
	<u>The following in wrot mahogany or other equal and approved well seasoned HARDWOOD</u>				
A	45mm thick mahogany veneered semi solid core flush door size 900 x2400 mm with hardwood lipping on wall exposed edges-Washrooms,Kitchen	3	NO		
B	Ditto size 900 x 2100mm	12	NO		
C	Ditto size 1100 x 2400mm	3	NO		
D	Ditto 950 x 2400mm -Disable washrooms	3	NO		
E	150 X50MM rebated door frame with two labour fixed to door wall	57	LM		
F	150 x 50mm rebated door transome fixed	4	LM		
G	45 x20mm moulded architrave	57	LM		
H	20mm quadrant beading	57	LM		
	<u>PANELLED DOORS</u>				
	<u>50mm thick wrot mahogany panelled doors comprising of 200 x 50mm thick stiles and top rail; 150 x 50mm thick middle and bottom rail</u>				
J	Door overall size 1800 x 2400 mm high. comprising of 2 no 900 x 2100 mm high openable leaf and 900 x 900 mm high : decorative beading all round the panel.	2	NO		
K	Ditto Door overall size 1500 x 2400 mm high.	1	NO		
L	Ditto Door overall size 900 x 2400 mm high.	6	NO		
M	Door Overall size 1800 x 2400 mm high-Revolving Door	1	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
	<u>DUCT DOORS</u>				
	<u>Duct doors comprising 100 x 50 mm top , middle rails and stiles and 200 mm wide bottom rails; 25 x25 mm decorative beading around panels ; hardwood lipped to all edges</u>				
A	50 mm thick door overall size 800 x 2400 mm high ; with 350 x 400 mm high 6 mm thick clear fire resistant glass panel :350 x 300 mm high 25 x 25 mm hard wood timber louvre vents spaced at 30 mm centres .	4	NO		
B	Ditto 950x2400mm	1	NO		
	<u>Mild steel Doors</u>				
C	1800 x3000 mm high mild steel pannel door comprising of 4 No. Size 300 x 495mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer	2	NO		
D	Ditto 1200x2500mm High	1	NO		
	<u>Fixing cramps</u>				
E	25mm wide 150mm long steel fixing cramp twice drilled and screwed onto back of frame ,the other end built into wall including making good in cement sand (1;4) mortar	115	NO		
	<u>Iron mongery</u>				
F	3- Lever union lock with anodized aluminium handles complete with furniture	10	NO		
G	2- Lever union lock with anodized aluminium handles complete with furniture	23	NO		
H	40mm diameter rubber door stop rawl bolted to floor	23	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
A	100mm brass coated pressed steel butt hinges	70	PRS		
B	100mm brass coated pressed steel double swing hinges	5	PRS		
	<u>prepare and apply one undercoat and two finishing coats of polyurethane lacquer clear varnish to:-</u>				
C	Door general surface of wood	161	SM		
D	Door transome general surface of wood	4	SM		
E	Door frame and beading general surface of wood girth 100-200mm	115	LM		
F	Supply and fix approved indicator bolt on door	12	NO		
G	4mm Thick Clear Glass Fixed to Door Frames in panes Exceeding 0.10 Square Meter but Not Exceeding 0.1 Square Meters with and Include Approved rubber bedding	2	SM		
H	20 X 15mm Mahogany glass beading	25	LM		
	<u>Knot, prime, prepare and apply three coats gloss oil paint to:</u>				
J	General surfaces of metal door	25	SM		
K	Surfaces between 200mm to 300mm girth	12	LM		
L	Ditto between 100mm to 200mm girth	12	LM		
	COLLECTION BELOW				
	COLLECTION				
	Brought forward from page				
	Brought forward from page				
	Brought forward from above				
	TOTAL FOR ELEMENT NO. 02 GROUND FLOOR DOORS CARRIED TO SUMMARY OF GROUND FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 3</u>				
	<u>WINDOWS</u>				
A	75mm Thick Reinforced Concrete (1:2:4) Window Cill Width 225mm Once Weathered and Throated In Position And Making Good Disturbed Surface	157	SM		
	<u>Wrot Cypress</u>				
B	150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.	157	LM		
	<u>METAL WORK</u>				
	<u>PURPOSE - MADE UNITS</u>				
	<u>Supply, assemble and fix the following purpose-made mild steel casement windows; standard metal section from approved manufacturer complete with frames, transoms, mullions and with and including permanent ventilators comprising "T" bar, gauze and 16 gauge sheet metal hood 50mm high x 50mm projection to full width of window, coupling mullions, approved ironmongery and one coat manufacturer's primer; all welding ground to smooth finish.</u>				
	<i>Steel; for glazing with putty, lugs to two jambs, cutting and pinning to concrete or blockwork, fixing to head and sill with screws; plugging</i>				
C	Window, overall size 4000 x 2600mm high-Library Block	28	NO		
D	Window, overall size 2000 x 2600mm high -Library Block	2	NO		
E	Window, overall size 4000 x 2100mm high-Washrooms	6	NO		
F	Window, overall size 2300 x 1200mm high.-Ramp	2	NO		
G	Window, overall size 4000 x 900mm high.-Staircase	3	NO		
	<u>Welded metal grill burglar proofing in 20mm S.H.S with openable lower, half, one coat primer including cutting and pinning to concrete</u>				
H	Window, overall size 4000 x 2600mm high-Library Block	28	NO		
J	Window, overall size 2000 x 2600mm high -Library Block	2	NO		
K	Window, overall size 4000 x 2100mm high-Washrooms	6	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS CONT'D</u>				
A	Window, overall size 2300 x 1200mm high.-Ramp	2	NO		
B	Window, overall size 4000 x 900mm high.-Staircase	3	NO		
	<u>4mm Thick clear glass and glazing fixed with and including putty to steel windows</u>				
C	Panes 0.1 - 0.5 square metres	319	1300		
	<u>Painting and Decorations</u>				
	On Metal work				
	<u>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to: -</u>				
D	General window surfaces; over 300mm girth internal-Windows and burglar proof	738	SM		
E	General window surfaces; over 300mm girth externalWindows and burglar proof	738	SM		
	COLLECTION BELOW				
	Brought forward from				
	Brought forward from above				
	TOTAL FOR ELEMENT NO. 03 GROUND FLOOR WINDOWS CARRIED TO SUMMARY OF GROUND FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 04</u>				
	<u>BUILDING FINISHES</u>				
A	30 mm thick cement sand (1:4) screed backing trowelled rough on floor to receive terrazzo or tiles	1,240	SM		
B	10mm thick polished granito tiles size 500 x 500mm fixed with approved adhesive on floor	1,240	SM		
C	20mm x 100mm polished ranito skirting rounded at top and curvrd at junction with floor	554	LM		
	<u>Wall Finishes</u>				
	<u>External wall finishes</u>				
D	12mm thick cement Sand (1:6) rendering to columns and beams and walls externally	456	SM		
E	Extra Over Key Pointing	832	SM		
F	Prepare and apply wall master on rendered wall surface	456	LM		
	<u>Internal wall finishes</u>				
G	15mm thick cement,Lime sand (1:1:6) plaster as described to wall surface	1,359	SM		
H	Prepare and apply one undercoat and two finishing coats of silk matt plastic emulsion paint to plasterd wall surface	1,359	SM		
	<u>Wall tile</u>				
J	6mm thick colored "Saj" ceramic or equal approved wall tiles size 200 x300mm fixed to wall with approved adhesive and including 6mm thick cement sand (1:6) backing (including pointing with matching mortar)	261	SM		
K	Extra over ditto rounded edges	120	LM		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CEILING FINISHES</u>				
A	12mm thick cement lime sand(1;1;6) plaster to horizontal soffit of suspended slat	1,240	SM		
B	Ditto to beam	716	SM		
C	Ditto to column	628	SM		
D	Prepare and apply one under coat and two finishing coats of silk matt plastic emulsion paint to plasterd surface	2,584	SM		
	<u>Floor Continued</u>				
E	20mm thick polished terrazzo finish on veranda floor on steps	89	SM		
F	Plastic dividing dtrips set in terrazzo(provisional)	124	LM		
G	8mm thick ceramic floor tiles size 300x300mm fixed to floor with approved adhesive	67	SM		
H	10x100mm ceramic skirting roundd at top and coved at junction with floo	120	LM		
J	12mm thick gypsum ceiling board each size 400x400mm complete with suspended aluminium ceiling framework comprising V-carriers,panels suspension hangers flush jointin and fixed onto suspended concrete slab including fixing steel buckets in slab	1,240	SM		
	COLLECTION BELOW				
	Brought forward from above				
	Brought forward from				
	TOTAL FOR ELEMENT NO. 04 GROUND FLOOR FINISHES CARRIED TO SUMMARY OF GROUND FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 05</u>				
	<u>GROUND FLOOR PARTITIONING</u>				
	<u>Internal partitioning</u>				
	<u>18mm thick MDF boards;Hardwood lipped all round fixed to aluminium framing(ms)</u>				
A	A partitioning fixed to aluminium framing (ms) with and including 19 x 16mm aluminium beading	113	SM		
	<u>Fowder coated aluminium in</u>				
B	45 x45x5mm thick sole plate profiled to receive 6mm and 18mm thick MDF boards(ms)	147	LM		
C	Ditto head plate	147	LM		
D	Ditto vertical rail	481	LM		
E	Ditto but middle rail	277	LM		
F	19x16mm aluminium beading	1,196	LM		
G	Glazed aluminium door overall size 900 x2400mm high comprising 45 x45 x3mm thick stiles,top,diddle and bottom members to receive 6mm glass and 18mm thick MDF boards	9	NO		
H	Ditto but 1800x2400mm door	6	NO		
I	Ditto but 1800 x2900 double door	2	NO		
J	Ditto size 1750 x2400mm double door	2	NO		
K	Ditto size 1200x2400mm double door	1	NO		
L	6mm clear sheet glass fixed with aluminium beading size 19x16mm in panes 0.5-1.0 square metre	239	SM		
M	200mm thick concrete block masonry wall	66	SM		
N	12mm thick cement sand (1;6) plaster wall	162	SM		
P	prepare and apply thre coats of emulsion paint on plastered surface	162	SM		
	Total for Element No. 05 Ground floor Partitioning Carried to Summary of ground floor				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 06</u>				
	<u>FITTING AND FIXTURES(ALL PROVISIONAL)</u>				
	<u>The following in 1No. Bindery workshop size 4000x600x1000m high</u>				
A	200mm thick concrete block walling in(1;3) cement sand mortar	2	SM		
B	150mm thick concrete (1;2;4) in bindery worktop	3	SM		
C	Formwork to soffits of worktop	3	SM		
D	formwork to edges of work top 75-150mm high	10	LM		
E	12mm diameter square twisted bar	48	KG		
F	12mm thick cement sand (1;6) plaster to wall	7	SM		
G	Prepare and apply three coats of plastic emulsion paint wall	7	SM		
H	30mm thick cement sand screed on work wall	3	SM		
	<u>The following in 1No. Librarian kitchenet in 25mm thick veneered on one side blockboard</u>				
I	Side	1	SM		
J	Back	2	SM		
K	Partition	1	SM		
L	Top	1	SM		
M	Shelf	1	SM		
N	25mm thick MDF door size 350x800mm	2	NO		
P	Fitto size 500x800mm	2	NO		
Q	Drawer size 700x250x600mm	1	NO		
	Total Carried to Collection				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<i>The following in 1No. Ground floor reception counter overall size 9800 x 60x 1050mm</i>				
	<u>25mm thick veneered on both side blockboard</u>				
A	Side	1	SM		
B	Front	12	SM		
C	Back	18	SM		
D	Partition	18	SM		
E	Top	15	SM		
	<u>25mm thick veneered on both side blockboard</u>				
F	Partition	8	SM		
	<u>25mm thick plain blockboard</u>				
G	Bottom	15	SM		
H	Shelves	18	SM		
J	25mm thick MDF door size 290x630mm	8	NO		
K	Drawer overall size 800X 250X600MM comprising of MDF front,blockboard side and back and MDF bottom including drawer runners	16	NO		
	<i>Prepare and apply one undercoat and two finishing coats of clear varnish</i>				
L	Blockboard side	2	SM		
M	Blockboard front	12	SM		
N	Blockboard back	18	SM		
P	Blockboard partition	36	SM		
Q	Blockboard top	15	SM		
	Total Carried to Collection				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>supply and fix the following approved ironmongery complete</u>				
A	Hinges	20	PRS		
B	Steel cabinet	12	NO		
C	Drawer lock	17	NO		
D	steel drawer knob	17	NO		
E	20mm thick granito tiles size 300x600mm fixed onto blockboard top	15	SM		
F	20x100mm high mahogany skirting fixed	27	LM		
G	Prepare and apply one undercoat and two finishing coats of clear varnish to surfaces of wood 100-20mm girth	27	LM		
H	100mm thick concrete (1;3;6) benching	31	SM		
J	Formwork to concrete benching 75-150mm high	51	LM		
K	150mm thick concrete block walling	30	SM		
L	12mm thick cement sand(1;6) plaster to wall	60	SM		
M	Prepare and apply three coats of plastic emulsion paint to blockwall	60	SM		
	<u>25mm thick veneered on one side blockboard</u>				
N	Side	5	SM		
P	Front	36	SM		
Q	Partition	27	SM		
R	Top	31	SM		
S	Bottom	31	SM		
T	Shelf	31	SM		
U	25mm hardwood veneered on both sides blockboard door size 600x1050mm	28	NO		
V	Drawer overall size 800x250x600mm comprising of blockboard sides,front,and back 6mm thick plywood	20	NO		
	Total Carried to Collection				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<i>Prepare and apply one undercoat and two finishing coats of clear varnish</i>				
A	Blockboard	188	SM		
B	Supply and fix brass coated piano hinges	29	LM		
C	Ditto draer knob	20	NO		
D	Supply and fix approve cabinet lock	48	NO		
COLLECTION BELOW					
	Brought forward from page LB				
	Brought forward from page LBB				
	Brought forward from page LBB/				
	Brought forward from above				
TOTAL FOR ELEMENT NO. 06 GROUND FLOOR FITTING & FIXTURESCARRIED TO SUMMARY OF GROUND FLOOR					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>GROUND FLOOR WORKS</u>				
	<u>SUMMARY</u>				
1	DOORS FROM PAGE LBB/				
2	WINDOWS FROM PAGE LBB/				
3	FINISHES FROM PAGE LBB/				
4	INTERNAL PARTITION FROM PAGE LBB/				
5	JOINERY FITTINGS FIXTURES FROM PAGE LBB/				
TOTAL FOR GROUND FLOOR WORK CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<h1>FIRST FLOOR</h1>					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 1</u>				
	<u>DOORS</u>				
	<u>FLUSH DOORS</u>				
	<u>The following in wrot mahogany or other equal and approved well seasoned HARDWOOD</u>				
A	45mm thick mahogany veneered semi solid core flush door size 900 x2400 mm with hardwood lipping on wall exposed edges-Washrooms,Kitchen	16	NO		
B	Ditto size 1000 x 2400mm	2	NO		
C	Ditto 1100 x 2400mm -Disable washrooms	1	NO		
D	150 X50MM rebated door frame with two labour fixed to door wall	121	LM		
E	150 x 50mm rebated door transome fixed	8	LM		
F	45 x20mm moulded architrave	121	LM		
G	20mm quadrant beading	121	LM		
	<u>PANELLED DOORS</u>				
	<u>50mm thick wrot mahogany panelled doors comprising of 200 x 50mm thick stiles and top rail; 150 x 50mm thick middle and bottom rail</u>				
H	Door overall size 1500 x 2400 mm high. comprising of 2 no 900 x 2100 mm high openable leaf and 900 x 900 mm high : decorative beading all round the panel.	3	NO		
J	Ditto Door overall size 900 x 2400 mm high.	10	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
	<u>DUCT DOORS</u>				
	<u>Duct doors comprising 100 x 50 mm top , middle rails and stiles and 200 mm wide bottom rails; 25 x25 mm decorative beading around panels ; hardwood lipped to all edges</u>				
A	50 mm thick door overall size 750 x 2400 mm high ; with 350 x 400 mm high 6 mm thick clear fire resistant glass panel :350 x 300 mm high 25 x 25 mm hard wood timber louvre vents spaced at 30 mm centres .	4	NO		
B	Ditto 950x2400mm	1	NO		
	<u>Iron mongery</u>				
C	3- Lever union lock with anodized aluminium handles complete with furniture	13	NO		
D	2- Lever union lock with anodized aluminium handles complete with furniture	23	NO		
E	40mm diameter rubber door stop rawl bolted to floor	23	NO		
	<u>Fixing cramps</u>				
F	25mm wide 150mm long steel fixing cramp twice drilled and screwed onto back of frame ,the other end built into wall including making good in cement sand (1;4) mortar	110	NO		
G	Door Handles for the ducts	110	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
A	100mm brass coated pressed steel butt hinges	33	NO		
B	100mm brass coated pressed steel double swing hinges	3	NO		
	<u>prepare and apply one undercoat and two finishing coats of polyurethane lacquer clear varnish to:-</u>				
C	Door general surface of wood	49	SM		
D	Door transome general surface of wood	3	SM		
E	Door frame and beading general surface of wood girth 100-200mm	121	LM		
F	Supply and fix approved indicator bolt on door	13	NO		
G	4mm Thick Clear Glass Fixed to Door Frames in panes Exceeding 0.10 Square Meter but Not Exceeding 0.1 Square Meters with and Include Approved rubber bedding	3	SM		
H	20 X 15mm Mahogany glass beading	20	LM		
	COLLECTION BELOW				
	COLLECTION				
	Brought forward from page LBB/				
	Brought forward from page LBB/				
	Brought forward from above				
	TOTAL FOR ELEMENT NO. 01 FIRST FLOOR DOORS CARRIED TO SUMMARY OF FIRST FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u>				
	<u>WINDOWS</u>				
	<u>Supply and Fix the Following Heavy Duty Anodized Windows</u>				
A	75mm Thick Reinforced Concrete (1:2:4) Window Cill Width 225mm Once Weathered and Throated In Position And Making Good Disturbed Surface	157	SM		
	<u>Wrot Cypress</u>				
B	150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.	157	LM		
	<u>METAL WORK</u>				
	<u>PURPOSE - MADE UNITS</u>				
	<u>Supply, assemble and fix the following purpose-made mild steel casement windows; standard metal section from approved manufacturer complete with frames, transomes, mullions and with and including permanent ventilators comprising "T" bar, gauze and 16 gauge sheet metal hood 50mm high x 50mm projection to full width of window, coupling mullions, approved ironmongery and one coat manufacturer's primer; all welding ground to smooth finish.</u>				
	<i>Steel; for glazing with putty, lugs to two jambs, cutting and pinning to concrete or blockwork, fixing to head and sill with screws; plugging</i>				
C	Window, overall size 4000 x 2600mm high-Library Block	28	NO		
D	Window, overall size 2000 x 2600mm high -Library Block	2	NO		
E	Window, overall size 4000 x 2100mm high-Washrooms	6	NO		
F	Window, overall size 2300 x 1200mm high.-Ramp	2	NO		
G	Window, overall size 4000 x 900mm high.-Staircase	3	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS CONT'D</u>				
	<u>4mm Thick clear glass and glazing fixed with and including putty to steel windows</u>				
A	Panes 0.1 - 0.5 square metres	319	1300		
	<u>Painting and Decorations</u>				
	On Metal work				
	<u>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to: -</u>				
B	General window surfaces; over 300mm girth internal	319	SM		
C	General window surfaces; over 300mm girth external	319	SM		
	COLLECTION BELOW				
	Brought forward from LBB/ Brought forward from above				
	TOTAL FOR ELEMENT NO. 02 FIRST FLOOR WINDOWS CARRIED TO SUMMARY OF FIRST FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 03</u>				
	<u>BUILDING FINISHES</u>				
A	30 mm thick cement sand (1:4) screed backing trowelled rough on floor to receive terrazzo or tiles	1,240	SM		
B	10mm thick polished granito tiles size 500 x 500mm fixed with approved adhesive on floor	1,240	SM		
C	20mm x 100mm polished ranito skirting rounded at top and curvrd at junction with floor	530	LM		
	<u>Wall Finishes</u>				
	<u>External wall finishes</u>				
D	12mm thick cement Sand (1:6) rendering to columns and beams and walls externally	345	SM		
E	Extra Over Key Pointing	832	SM		
F	Prepare and apply wall master on rendered wall surface	345	SM		
	<u>Internal wall finishes</u>				
G	15mm thick cement,Lime sand (1:1:6) plaster as described to wall surface	1,174	SM		
H	Prepare and apply one undercoat and two finishing coats of silk matt plastic emulsion paint to plastered wall surface	1,174	SM		
	<u>Wall tile</u>				
J	6mm thick colored "Saj" ceramic or equal approved wall tiles size 200 x300mm fixed to wall with approved adhesive and including 6mm thick cement sand (1:6) backing (including pointing with matching mortar)	233	SM		
K	Extra over ditto rounded edges	120	LM		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CEILING FINISHES</u>				
A	12mm thick cement lime sand(1;1;6) plaster to horizontal soffit of suspended slat	1,240	SM		
B	Ditto to beam	716	SM		
C	Ditto to column	594	SM		
D	Prepare and apply one under coat and two finishing coats of silk matt plastic emulsion paint to plasterd surface	1,174	SM		
	<u>Floor Continued</u>				
E	20mm thick polished terrazzo finish on veranda floor on steps	7	SM		
F	Plastic dividing dtrips set in terrazzo(provisional)	24	LM		
G	8mm thick ceramic floor tiles size 300x300mm fixed to floor with approved adhesive	67	SM		
H	10x100mm ceramic skirting roundd at top and coved at junction with floor	120	LM		
J	12mm thick gypsum ceiling board each size 400x400mm complete with suspended aluminium ceiling framework comprising V-carriers,panels suspension hangers flush jointin and fixed onto suspended concrete slab including fixing steel buckets in slab	1,240	SM		
	COLLECTION BELOW				
	Brought forward from above				
	Brought forward from page LBB/				
	TOTAL FOR ELEMENT NO. 03 FIRST FLOOR FINISHES CARRIED TO SUMMARY OF FIRST FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 04</u>				
	<u>FLOOR PARTITIONING</u>				
	<u>Internal partitioning</u>				
	<u>18mm thick MDF boards;Hardwood lipped all round fixed to aluminium framing(ms)</u>				
A	A partitioning fixed to aluminium framing (ms) with and including 19 x 16mm aluminium beading	133	SM		
	<u>Powder coated aluminium in</u>				
B	45 x45x5mm thick sole plate profiled to receive 6mm and 18mm thick MDF boards(ms)	144	LM		
C	Ditto head plate	144	LM		
D	Ditto vertical rail	472	LM		
E	Ditto but middle rail	223	LM		
F	19x16mm aluminium beading	1,022	LM		
G	Glazed aluminium door overall size 900 x2400mm high comprising 45 x45 x3mm thick stiles,top,diddle and bottom members to receive 6mm glass and 18mm thick MDF boards	12	NO		
H	Ditto but 1800x2400mm door	1	NO		
J	Ditto but 1800 x2900 double door	2	NO		
K	6mm clear sheet glass fixed with aluminium beading size 19x16mm in panes 0.5-1.0 square metre	234	SM		
L	200mm thick concrete block masonry wall	65	SM		
M	12mm thick cement sand (1;6) plaster wall	159	SM		
N	prepare and apply three coats of emulsion paint on plastered surface	159	SM		
	TOTAL FOR ELEMENT NO. 04 FIRST FLOOR PARTITIONING CARRIED TO SUMMARY OF FIRST FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	ELEMENT NO.05 KITCHEN CABINET				
	<i><u>The following in 1 No. Kitchen Cabinet overall size 5070 x 600 x 850mm</u></i>				
	<i><u>25mm thick plain blockboard</u></i>				
A	Top	5	SM		
B	Bottom	5	SM		
C	Partition	5	SM		
	<u>25mm thick veneered on both sides block board</u>				
D	Side	3	SM		
E	20 x 100mm high mahogany skirting fixed	9	SM		
F	Prepare and apply three coats of clear varnish to blockboard	18	SM		
G	Ditto to skirting girth 100 - 200mm	9	LM		
H	20mm thick MDF Cabinet door size 400 x 750	4	NO		
I	Ditto size 400 x 600mm	18	NO		
J	Drawer overall size 800 x 250 x 600mm comprising of MDF front, blockboard sides and back and MDF bottom	9	NO		
	<u>Supply and fix the following approved ironmongery complete</u>				
K	Steel door hinges	24	Prs		
L	Drawer knob	9	NO		
M	Steel cabinet lock	9	NO		
N	10mm thick granito tile size 300 x 600mm fixed onto blockboard top	6	SM		
P	Create kitchen sink hole size 200 x 200mm in 25mm thick blockboard top		Item		
	TOTAL FOR ELEMENT NO. 05 FIRST KITCHEN CABINETS CARRIED TO SUMMARY OF FIRST FLOOR				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>FIRST FLOOR WORKS</u>				
	<u>SUMMARY</u>				
1	DOORS FROM PAGE LBB/				
2	WINDOWS FROM PAGE LBB/				
3	FINISHES FROM PAGE LBB/				
4	INTERNAL PARTITION FROM PAGE LBB/				
5	JOINERY FITTINGS FIXTURES FROM PAGE LBB/				
	TOTAL FOR FIRST FLOOR WORKS CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
SECOND FLOOR					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 1</u>				
	<u>DOORS</u>				
	<u>FLUSH DOORS</u>				
	<u>The following in wrot mahogany or other equal and approved well seasoned HARDWOOD</u>				
A	45mm thick mahogany veneered semi solid core flush door size 900 x2400 mm with hardwood lipping on wall exposed edges-Washrooms,Kitchen	18	NO		
B	Ditto 1100 x 2400mm -Disable washrooms	1	NO		
C	150 X50MM rebated door frame with two labour fixed to door wall	173	LM		
D	150 x 50mm rebated door transome fixed	7	LM		
E	45 x20mm moulded architrave	173	LM		
F	20mm quadrant beading	173	LM		
	<u>PANELLED DOORS</u>				
	<u>50mm thick wrot mahogany panelled doors comprising of 200 x 50mm thick stiles and top rail; 150 x 50mm thick middle and bottom rail</u>				
G	Door overall size 1500 x 2400 mm high. comprising of 2 no 900 x 2100 mm high openable leaf and 900 x 900 mm high : decorative beading all round the panel.	3	NO		
H	Ditto Door overall size 900 x 2400 mm high.	4	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
	<u>DUCT DOORS</u>				
	<u>Duct doors comprising 100 x 50 mm top , middle rails and stiles and 200 mm wide bottom rails; 25 x25 mm decorative beading around panels ; hardwood lipped to all edges</u>				
A	50 mm thick door overall size 700 x 2400 mm high ; with 350 x 400 mm high 6 mm thick clear fire resistant glass panel :350 x 300 mm high 25 x 25 mm hard wood timber louvre vents spaced at 30 mm centres .	4	NO		
	<u>Fixing cramps</u>				
B	25mm wide 150mm long steel fixing cramp twice drilled and screwed onto back of frame ,the other end built into wall including making good in cement sand (1;4) mortar	115	NO		
	<u>Iron mongery</u>				
C	3- Lever union lock with anodized aluminium handles complete with furniture	7	NO		
D	2- Lever union lock with anodized aluminium handles complete with furniture	23	NO		
E	40mm diameter rubber door stop rawl bolted to floor	23	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
A	100mm brass coated pressed steel butt hinges	115	NO		
B	100mm brass coated pressed steel double swing hinges	2	NO		
	<u>prepare and apply one undercoat and two finishing coats of polyurethane lacquer clear varnish to:-</u>				
C	Door general surface of wood	135	SM		
D	Door transome general surface of wood	7	SM		
E	Door frame and beading general surface of wood girth 100-200mm	173	LM		
F	Supply and fix approved indicator bolt on door	12	NO		
G	4mm Thick Clear Glass Fixed to Door Frames in panes Exceeding 0.10 Square Meter but Not Exceeding 0.1 Square Meters with and Include Approved rubber bedding	3	SM		
H	20 X 15mm Mahogany glass beading	20	LM		
	COLLECTION BELOW				
	COLLECTION				
	Brought forward from above				
	Brought forward from page LBB/				
	Brought forward from page LBB/				
	TOTAL FOR ELEMENT NO. 01 FIRST FLOOR DOORS CARRIED TO SUMMARY OF SECOND FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u>				
	<u>WINDOWS</u>				
	<u>Supply and Fix the Following Heavy Duty Anodized Windows</u>				
A	75mm Thick Reinforced Concrete (1:2:4) Window Cill Width 225mm Once Weathered and Throated In Position And Making Good Disturbed Surface	157	SM		
	<u>Wrot Cypress</u>				
B	150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.	157	LM		
	<u>PURPOSE - MADE UNITS</u>				
	<u>Supply, assemble and fix the following purpose-made mild steel casement windows; standard metal section from approved manufacturer complete with frames, transomes, mullions and with and including permanent ventilators comprising "T" bar, gauze and 16 gauge sheet metal hood 50mm high x 50mm projection to full width of window, coupling mullions, approved ironmongery and one coat manufacturer's primer; all welding ground to smooth finish.</u>				
	<i>Steel; for glazing with putty, lugs to two jambs, cutting and pinning to concrete or blockwork, fixing to head and sill with screws; plugging</i>				
C	Window, overall size 4000 x 2600mm high-Library Block	28	NO		
D	Window, overall size 2000 x 2600mm high -Library Block	2	NO		
E	Window, overall size 4000 x 2100mm high-Washrooms	6	NO		
F	Window, overall size 2300 x 1200mm high.-Ramp	2	NO		
G	Window, overall size 4000 x 900mm high.-Staircase	3	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>WINDOWS CONT'D</u>				
	<u>4mm Thick clear glass and glazing fixed with and including putty to steel windows</u>				
A	Panes 0.1 - 0.5 square metres	319	SM		
	<u>Painting and Decorations</u>				
	On Metal work				
	<u>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to: -</u>				
B	General window surfaces; over 300mm girth internal	319	SM		
C	General window surfaces; over 300mm girth external	319	SM		
	COLLECTION BELOW				
	Brought forward from page LBB/				
	Brought forward from above				
	TOTAL FOR ELEMENT NO. 02 FIRST FLOOR WINDOWS CARRIED TO SUMMARY OF SECOND FLOOR				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 03</u>				
	<u>BUILDING FINISHES</u>				
A	30 mm thick cement sand (1:4) screed backing trowelled rough on floor to receive terrazzo or tiles	1,240	SM		
B	10mm thick polished granito tiles size 500 x 500mm fixed with approved adhesive on floor	1,240	SM		
C	20mm x 100mm polished ranito skirting rounded at top and curvrd at junction with floor	530	LM		
	<u>Wall Finishes</u>				
	<u>External wall finishes</u>				
D	12mm thick cement Sand (1:6) rendering to columns and beams and walls externally	595	SM		
E	Extra Over Key Pointing	832	SM		
F	Prepare and apply wall master on rendered wall surface	595	SM		
	<u>Internal wall finishes</u>				
G	15mm thick cement,Lime sand (1:1:6) plaster as described to wall surface	1,335	SM		
H	Prepare and apply one undercoat and two finishing coats of silk matt plastic emulsion paint to plastered wall surface	1,335	SM		
	<u>Wall tile</u>				
J	6mm thick colored "Saj" ceramic or equal approved wall tiles size 200 x300mm fixed to wall with approved adhesive and including 6mm thick cement sand (1:6) backing (including pointing with matching mortar)	233	SM		
K	Extra over ditto rounded edges	120	LM		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CEILING FINISHES</u>				
A	12mm thick cement lime sand(1;1;6) plaster to horizontal soffit of suspended slat	1,240	SM		
B	Ditto to beam	312	SM		
C	Ditto to column	77	SM		
D	Prepare and apply one under coat and two finishing coats of silk matt plastic emulsion paint to plasterd surface	732	SM		
	<u>Floor Continued</u>				
E	20mm thick polished terrazzo finish on veranda floor on steps	7	SM		
F	Plastic dividing dtrips set in terrazzo(provisional)	24	LM		
G	8mm thick ceramic floor tiles size 300x300mm fixed to floor with approved adhesive	67	SM		
H	10x100mm ceramic skirting roundd at top and coved at junction with floor	120	LM		
J	12mm thick gypsum ceiling board each size 400x400mm complete with suspended aluminium ceiling framework comprising V-carriers,panels suspension hangers flush jointin and fixed onto suspended concrete slab including fixing steel buckets in slab	1,240	SM		
K	8mm thick non slip floor tiles each size 300x300mm fixed with approved adhesive	67	SM		
	COLLECTION BELOW				
	Brought forward from above				
	Brought forward from page LBB/				
	TOTAL FOR ELEMENT NO. 03 SECOND FLOOR FINISHES CARRIED TO SUMMARY OF SECOND FLOOR SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 04</u>				
	<u>FLOOR PARTITIONING</u>				
	<u>Internal partitioning</u>				
	<u>18mm thick MDF boards;Hardwood lipped all round fixed to aluminium framing(ms)</u>				
A	A partitioning fixed to aluminium framing (ms) with and including 19 x 16mm aluminium beading	82	SM		
	<u>Powder coated aluminium in</u>				
B	45 x45x5mm thick sole plate profiled to receive 6mm and 18mm thick MDF boards(ms)	95	LM		
C	Ditto head plate	95	LM		
D	Ditto vertical rail	330	LM		
E	Ditto but middle rail	129	LM		
F	19x16mm aluminium beading	628	LM		
G	Glazed aluminium door overall size 900 x2400mm high comprising 45 x45 x3mm thick stiles,top,diddle and bottom members to receive 6mm glass and 18mm thick MDF boards	9	NO		
H	Ditto but 1800x2400mm door	1	NO		
J	Ditto but 1800 x2900 double door	2	NO		
K	6mm clear sheet glass fixed with aluminium beading size 19x16mm in panes 0.5-1.0 square metre	145	SM		
L	200mm thick concrete block masonry wall	40	SM		
M	12mm thick cement sand (1;6) plaster wall	99	SM		
N	prepare and apply three coats of emulsion paint on plastered surface	99	SM		
	TOTAL FOR ELEMENT NO. 04 SECOND FLOOR PARTITIONING CARRIED TO SUMMARY OF SECOND FLOOR SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SECOND FLOOR WORKS</u>				
	<u>SUMMARY</u>				
1	DOORS FROM PAGE LBB/				
2	WINDOWS FROM PAGE LBB/				
3	FINISHES FROM PAGE LBB/				
4	INTERNAL PARTITION FROM PAGE LBB/				
	TOTAL FOR SECOND FLOOR WORK CARRIED TO SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
THIRD FLOOR					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 1</u>				
	<u>DOORS</u>				
	<u>FLUSH DOORS</u>				
	<u>The following in wrot mahogany or other equal and approved well seasoned HARDWOOD</u>				
A	45mm thick mahogany vaneered semi solid core flush door size 900 x2400 mm with hardwood lipping on wall exposed edges-Washrooms,Kitchen	18	NO		
B	Ditto 1100 x 2400mm -Disable washrooms	1	NO		
C	150 X50MM rebated door frame with two labour fixed to door wall	72	LM		
D	150 x 50mm rebated door transome fixed	7	LM		
E	45 x20mm moulded architrave	72	LM		
F	20mm quadrant beading	72	LM		
	<u>PANELLED DOORS</u>				
	<u>50mm thick wrot mahogany panelled doors comprising of 200 x 50mm thick stiles and top rail; 150 x 50mm thick middle and bottom rail</u>				
G	Door overall size 1500 x 2400 mm high. comprising of 2 no 900 x 2100 mm high openable leaf and 900 x 900 mm high : decorative beading all round the panel.	4	NO		
H	Ditto Door overall size 900 x 2400 mm high.	4	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
	<u>DUCT DOORS</u>				
	<u>Duct doors comprising 100 x 50 mm top , middle rails and stiles and 200 mm wide bottom rails; 25 x25 mm decorative beading around panels ; hardwood lipped to all edges</u>				
A	50 mm thick door overall size 700 x 2400 mm high ; with 350 x 400 mm high 6 mm thick clear fire resistant glass panel :350 x 300 mm high 25 x 25 mm hard wood timber louvre vents spaced at 30 mm centres .	4	NO		
	<u>Mild steel Doors</u>				
B	1100 x800 mm high mild steel pannel door comprising of 4 No. Size 300 x 495mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer	2	NO		
	<u>Fixing cramps</u>				
C	25mm wide 150mm long steel fixing cramp twice drilled and screwed onto back of frame ,the other end built into wall including making good in cement sand (1;4) mortar	4	NO		
	<u>Iron mongery</u>				
D	3- Lever union lock with anodized aluminium handles complete with furniture	8	NO		
E	2- Lever union lock with anodized aluminium handles complete with furniture	23	NO		
F	Supply and fix approved indicator bolt	13	NO		
G	40mm diameter rubber door stop rawl bolted to floor	23	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>DOORS CONT'D</u>				
A	100mm brass coated pressed steel butt hinges	47	NO		
B	100mm brass coated pressed steel double swing hinges	3	NO		
	<u>prepare and apply one undercoat and two finishing coats of polyurethane lacquer clear varnish to:-</u>				
C	Door general surface of wood	143	SM		
D	Door transome general surface of wood	3	SM		
E	Door frame and beading general surface of wood girth 100-200mm	121	LM		
F	4mm Thick Clear Glass Fixed to Door Frames in panes Exceeding 0.10 Square Meter but Not Exceeding 0.1 Square Meters with and Include Approved rubber bedding	3	SM		
G	20 X 15mm Mahogany glass beading	20	LM		
	<u>Knot, prime, prepare and apply three coats gloss oil paint to:</u>				
H	General surfaces of metal door	2	SM		
J	Surfaces between 200mm to 300mm girth	1	LM		
J	Ditto between 100mm to 200mm girth	1	LM		
	<u>COLLECTION BELOW</u>				
	COLLECTION				
	Brought forward from above				
	Brought forward from page LBB/				
	Brought forward from page LBB/				
	TOTAL FOR ELEMENT NO. 01 FIRST FLOOR DOORS CARRIED TO SUMMARY OF THIRD FLOOR				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 2</u>				
	<u>WINDOWS</u>				
A	75mm Thick Reinforced Concrete (1:2:4) Window Cill Width 225mm Once Weathered and Throated In Position And Making Good Disturbed Surface	157	LM		
B	Steel window semi circular in shape 1800 radius	2	NO		
C	Ditto 2250mm radius	1	NO		
	<u>Wrot Cypress</u>				
D	150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.	157			
	<u>PURPOSE - MADE UNITS</u>				
	<u>Supply, assemble and fix the following purpose-made mild steel casement windows; standard metal section from approved manufacturer complete with frames, transomes, mullions and with and including permanent ventilators comprising "T" bar, gauze and 16 gauge sheet metal hood 50mm high x 50mm projection to full width of window, coupling mullions, approved ironmongery and one coat manufacturer's primer; all welding ground to smooth finish.</u>				
	Steel; for glazing with putty, lugs to two jambs, cutting and pinning to concrete or blockwork, fixing to head and sill with screws; plugging				
E	Window, overall size 4000 x 2600mm high-Library Block	28	NO		
F	Window, overall size 2000 x 2600mm high -Library Block	2	NO		
G	Window, overall size 4000 x 2100mm high-Washrooms	6	NO		
H	Window, overall size 2300 x 1200mm high.-Ramp	2	NO		
J	Window, overall size 4000 x 900mm high.-Staircase	3	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u><i>Painting and Decorations</i></u>				
	On Metal work				
	<u><i>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to: -</i></u>				
A	General window surfaces; over 300mm girth internal	157	SM		
B	General window surfaces; over 300mm girth external	157	SM		
	Carried forward to Collection				
	COLLECTION BELOW				
	Brought forward from page LBB/				
	Brought forward from above				
	TOTAL FOR ELEMENT NO. 02 THIRD FLOOR WINDOWS CARRIED TO SUMMARY OF THIRD FLOOR SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 03</u>				
	<u>BUILDING FINISHES</u>				
A	30 mm thick cement sand (1:4) screed backing trowelled rough on floor to receive terrazzo or tiles	1,240	SM		
B	10mm thick polished granito tiles size 500 x 500mm fixed with approved adhesive on floor	1,240	SM		
C	20mm x 100mm polished ranito skirting rounded at top and curvrd at junction with floor	530	LM		
	<u>Wall Finishes</u>				
	<u>External wall finishes</u>				
D	12mm thick cement Sand (1:6) rendering to columns and beams and walls externally	409	SM		
E	Extra Over Key Pointing	832	SM		
F	Prepare and apply wall master on rendered wall surface	409	SM		
	<u>Internal wall finishes</u>				
G	15mm thick cement,Lime sand (1:1:6) plaster as described to wall surface	732	SM		
H	Prepare and apply one undercoat and two finishing coats of silk matt plastic emulsion paint to plasterd wall surface	732	SM		
	<u>Wall tile</u>				
J	6mm thick colored "Saj" ceramic or equal approved wall tiles size 200 x300mm fixed to wall with approved adhesive and including 6mm thick cement sand (1:6) backing (including pointing with matching mortar)	233	SM		
K	Extra over ditto rounded edges	120	LM		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>CEILING FINISHES</u>				
A	12mm thick plaster on ceiling	200	SM		
B	Ditto to column	731	SM		
C	Prepare and apply one under coat and two finishing coats of silk matt plastic emulsion paint to plasterd surface	732	SM		
D	Supply and fix aone trap door size 600x600mm complete with frame complete with gypsum cover	3	NO		
E	8mm thick ceramic floor tiles size 300x300mm fixed to floor with approved adhesive	33	SM		
F	20x100mm ceramic skirting roundd at top and coved at junction with floor	16	LM		
G	12mm thick gypsum ceiling board each size 400x400mm complete with suspended aluminium ceiling framework comprising V-carriers,panels suspension hangers flush jointin and fixed onto suspended concrete slab including fixing steel buckets in slab	1,240	SM		
	COLLECTION BELOW				
	Brought forward from above				
	Brought forward from page LBB/				
	TOTAL FOR ELEMENT NO. 03 THIRD FLOOR FINISHES CARRIED TO SUMMARY OF THIRD FLOOR SUMMARY				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO. 04</u>				
	<u>FLOOR PARTITIONING</u>				
	<u>Internal partitioning</u>				
	<i>18mm thick MDF boards;Hardwood lipped all round fixed to aluminium framing(ms)</i>				
A	A partitioning fixed to aluminium framing (ms) with and including 19 x 16mm aluminium beading	52	SM		
	<u>Powder coated aluminium in</u>				
B	45 x45x5mm thick sole plate profiled to receive 6mm and 18mm thick MDF boards(ms)	53	LM		
C	Ditto head plate	53	LM		
D	Ditto vertical rail	202	LM		
E	Ditto but middle rail	93	LM		
F	19x16mm aluminium beading	397	LM		
G	Glazed aluminium door overall size 900 x2400mm high comprising 45 x45 x3mm thick stiles,top,diddle and bottom members to receive 6mm glass and 18mm thick MDF boards	5	NO		
H	Ditto but 1800x2400mm door	1	NO		
J	Ditto but 1800 x2900 double door	2	NO		
K	6mm clear sheet glass fixed with aluminium beading size 19x16mm in panes 0.5-1.0 square metre	89	SM		
L	200mm thick concrete block masonry wall	24	SM		
M	12mm thick cement sand (1;6) plaster wall	56	SM		
N	prepare and apply thre coats of emulsion paint on plastered surface	56	SM		
	TOTAL FOR ELEMENT NO. 04 THIRD FLOOR PARTITIONING CARRIED TO SUMMARY OF THIRD FLOOR SUMMARY				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>THIRD FLOOR WORKS</u>				
	<u>SUMMARY</u>				
1	DOORS FROM PAGE LBB/				
2	WINDOWS FROM PAGE LBB/				
3	FINISHES FROM PAGE LBB/				
4	INTERNAL PARTITION FROM PAGE LBB/				
TOTAL FOR THIRD FLOOR WORK CARRIED TO SUMMARY					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	RAMP				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>RAMP</u>				
	<u>ELEMENT NO.1</u>				
	<i>Ramp finishes</i>				
	<i><u>20mm thick cement sand(1;3) scred to</u></i>				
A	Ramp	404	SM		
B	Ramp landing	193	SM		
C	Sides of ramp width 200mm	78	LM		
	<i><u>Supply and fix rubber matt o.</u></i>				
D	Ramp	404	SM		
E	Ramp landing	46	SM		
F	Sides of ramp overall width 200mm	78	LM		
	<i><u>Cement lime sand (1:1:6) plaster as described to:</u></i>				
G	12mm thick in two coats to sloping soffites of ramp	404	SM		
H	12mm thick in two coats to ramp beam	94	SM		
J	12mm thick in two coats to horizontal soffites of ramp	46	SM		
K	Prepare and apply one undercoat and two finishing coats of vinyl matt emulsion paint on plastered surface	1,089	SM		
	<i><u>Balusterting</u></i>				
L	50mm diameter x 3mm hollow section steel top rail welded and fixed in position	207	LM		
M	40 x 40 x 3mm square tube steel middle or lower rail	414	LM		
N	40mm x 40mm x 3mm rectangular hollow section (RHS) baluster 1200mm long twice counter sunk, one end fanged and built into concrete bed (ms)	142	NO		
P	25 x 25 x 3mm square hollow section steel intermediate balluster 1000mm high	1,332	NO		
	<i><u>Sundries</u></i>				
Q	Weld baluster to metal rail	4,422	NO		
E	Extra over baluster for fanged end	142	NO		
S	Make hole in reinforced concrete for fanged end and make good in cement sand mortar	142	NO		
	Carried to Collection				

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	20 x 100mm hardwood skirting <i>Prepare and apply three coats of prime grade gloss paint to:</i>	203	LM		
B	Metal surface girth 100-200mm (top rail, middle rail bottom rail and main balluster)	751	LM		
C	Metal surface girth not exceeding 100mm (Intermediate)	1,332	LM		
D	Prepare and apply three coats of clear varnish on general surface of wood girth 200 - 300mm	203	LM		
E	200mm thick concrete block walling laid with (1:3) cement sand mortar with hoop iron in every second course	504	SM		
F	12mm thick cement sand (1:6) plater on block wall	1,008	SM		
G	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on plastered wall	1,008	SM		
Total Carried to Collection					
<u>COLLECTION</u>					
Brought forward from page LBB/					
Brought down from above					
Total for Element No. 01 Ramp Carried to Summary					

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>ELEMENT NO.02</u>				
	<u>STAIRS 3 NO.</u>				
	<i><u>Stair finishes</u></i>				
	<i><u>20mm thick cement sand (1:3) screed to:</u></i>				
A	Stair	95	SM		
B	Landing	31	SM		
C	Sides of stair width 300mm	146	LM		
	<i><u>8.00mm thick granito tiles to:</u></i>				
D	Stair tread 300mm wide	304	LM		
E	Stair riser 150mm high	304	LM		
F	Landing	31	SM		
G	Sides of stair overall width 300mm	146	LM		
	<i><u>Cement lime sand (1:1:6) plaster as described to:</u></i>				
H	12mm thick in two coats to sloping soffites of stair	95	SM		
J	12mm thick in two coats to horizontal soffites of landing	31	SM		
K	Ditto but to beam	33	SM		
L	Prepare and apply one undercoat and two finishing coats of vinyl matt emulsion paint on plastered surface	159	SM		
	<i><u>Ballustrading</u></i>				
M	50mm diameter x 3mm hollow section steel top rail welded and fixed in position	108	LM		
N	40 x 40 x 3mm square tube steel middle or lower rail	216	LM		
P	40mm x 40mm x 3mm rectangular hollow section (RHS) baluster 1200mm long twice counter sunk, one end fanged and built into concrete bed (ms)	182	NO		
Q	25 x 25 x 3mm square hollow section steel intermediate baluster 1000mm high welded	554	NO		
	<i><u>Sundries</u></i>				
R	Weld main baluster to metal hand rail	232	NO		
S	Weld main baluster to middle or lower rail	784	NO		
T	Extra over baluster for fanged end	182	NO		
U	Weld intermediate baluster to middle or lower rail	1,100	NO		
V	Make hole in reinforced concrete for fanged end and make good in cement sand mortar	182	NO		
	Total Carried to Collection				

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	12mm thick cement sand (1:6) plaster to stair beam	33	SM		
B	40mm thick cement sand (1:3) screed on stairs trowelled rough to receive granito tiles	137	SM		
	<i>Stair rail</i>				
C	40 x 40 x 3mm square hollow section steel rail	87	LM		
D	25 x 25 x 3mm square hollow section steel rail	175	LM		
E	Weld 25 x 25 x 3mm SHS steel rail to main frame	516	NO		
F	Weld 40 x 40 x 3mm steel rail to 40 x 40 x 3mm steel rail	136	NO		
	<i>Prepare and apply three coats of prime grade gloss paint to:-</i>				
G	Metal surface girth 100 - 200mm (top rail, middle and lower rail)	629	LM		
H	Metal surface girth not exceeding 100mm (Balluster or horizontal rail)	606	LM		
Total Carried to Collection					
<u>COLLECTION</u>					
Brought forward from page LBB/					
Brought down from above					
Total for Element No. 02 3No. Stairs Carried to Summary					

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
A	Pre-painted I.T.4 galvanized box profile corrugated iron sheet roof cover fixed onto steel zed purlin (m.s) and fixed at 12500mm high above ground level	660	2500		
C	Ridge cap to match item (A) above	42	LM		
D	Hip cap to match item (A) above	44	LM		
<u>RAIN WATER GOODS</u>					
F	Extra over down pipe for shoe	16	NO		
G	Ditto for swanneck	16	NO		
Total Carried to Collection					
<u>COLLECTION</u>					
Brought forward from page LBB/					
Brought down from above					
Total for Roofing & Rain Water Disposal Carried to Summary					

PROPOSED CONSTRUCTION OF LIBRARY BLOCK FOR BOMET CAMPUS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>SUMMARY OF LIBRARY BLOCK</u>				
1	SUBSTRUCTURE FROM PAGE LBB				
2	GROUND FLOOR WORKS FROM PAGE LBB				
3	FIRST FLOOR WORKS FROM PAGE LBB/				
4	SECOND FLOOR WORKS FROM PAGE LBB/				
5	THIRD FLOOR WORKS FROM PAGE LBB/				
6	RAMP FROM PAGE LBB/				
7	STAIRS (3NO.) FROM PAGE LBB/				
9	ROOFING & RAIN WATER GOODS FROM PAGE LBB/				
	TOTAL FOR LIBRARY BLOCK BUILDERS WORKS CARRIED TO MAIN SUMMAY				

TUITION BLOCK RENOVATIONS

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	<u>PROPOSED RENOVATIONS OF TUITION BLOCK FOR BOMET BOMET UNIVERSITY COLLEGE.</u>				
	<u>ELEMENT NO.1</u>				
	<u>BUILDER'S WORK IN RENOVATION OF STUDENT WASHROOMS</u>				
A	Demolish the R.Concrete slab to remove the existing drainage system.	216	SM		
B	150mm thick concrete slab class 20 after re-installation of drainage system	216	SM		
C	Formwork to the horizontal soffits of the slab	216	SM		
D	32mm thick cement/sand (1:4) screed to the entire washroom floor to receive tiles.	216	SM		
E	300x300x8mm thick ceramic floor tiles fixed with and approved adhesive on the prepared screed	216	SM		
F	12mm thick cement/lime/sand plaster to soffits of the suspended slabs	144	SM		
G	Prepare and apply one under coat and two finishing coats of silk matt plastic emulsion paint to plastered surface	144	SM		
H	Allow for making good affected walls including cleaning and repainting.	1	Item		
	<u>DOORS</u>				
J	Remove the faulty door locks and replace with new approved	42	No		
K	Remove the faulty doors and replace with new	10	No		
	<u>LEAKING ROOF & CEILING REPLACEMENT</u>				
L	Remove the roof cover in affected areas	600	SM		
M	Remove the celotex ceiling boards from the affected areas	600	SM		
N	Supply and fix 28gauge versatile roofing sheets to match the existing.	600	SM		
M	Supply and fix celotex ceiling to match the existing	600	CM		
P	75 x 25mm cypress cornice	160	LM		
Q	Prepare and apply one under coat and two finishing coats of silk matt plastic emulsion paint to celotex ceiling surface	600	SM		
R	Allow for a Provisional Sum of Kenya Shillings Five Million (Kshs. 5,000,000.00) for Making Good Electrical and Mechanical Services		ITEM		5,000,000.00
	Total Carried to Grand Summary				

PROVISIONAL SUMS

Item No.	Description	Qty	Unit	Rate KShs	Amount KShs
<u>PROVISIONAL SUMS</u>					
<i>The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required</i>					
A	Provide a Sum of Kenya Shillings Sixty Million (Kshs. 60,000,000.00) Only for Civil Works	ITEM			60,000,000.00
B	Provide a Sum of Kenya Shillings Forty Million (Kshs. 40,000,000.00) Only for Electrical Installation Works	ITEM			40,000,000.00
C	Provide a Sum of Kenya Shillings Thirty Five Million (Kshs. 35,000,000.00) Only for Structured Cabling Works	ITEM			35,000,000.00
D	Provide a Sum of Kenya Shillings Eighty Million (Kshs. 80,000,000.00) Only for Plumbing and Drainage	ITEM			80,000,000.00
E	Provide a Sum of Kenya Shillings Twelve Million (Kshs. 12,000,000.00) Only for Kitchen Equipment and LPG Installation	ITEM			12,000,000.00
F	Provide a Sum of Kenya Shillings Twenty Three Million (Kshs. 23,000,000.00) Only for Air Conditioning and Mechanical Ventilation	ITEM			23,000,000.00
G	Provide a Sum of Kenya Shillings Four Million, Eight Hundred Thousand (Kshs. 4,800,000.00) Only for Fire Suppression Works	ITEM			4,800,000.00
H	Provide a Sum of Shillings One Million, Five Hundred Thousand (Kshs. 1,500,000.00) Only for Landscaping Works	ITEM			1,500,000.00
J	Provide a Sum of Shillings Ten Million (Kshs. 10,000,000.00) Only for Fluctuations	ITEM			10,000,000.00
K	Provide a Sum of Shillings Ten Million (Kshs. 10,000,000.00) Only for contingencies to be omitted or expended in whole or in part at the discretion of the Project Manager	ITEM			10,000,000.00
Carried to Main summary					
<u>PROVISIONAL SUMS</u>					KSHS 276,300,000.00

GRAND SUMMARY

PROPOSED COMPLETION OF LIBRARY BLOCK, 2NO. HOSTEL BLOCKS, MULTIPURPOSE HALL AND LECTURE HALL IN BOMET, FOR BOMET UNIVERSITY COLLEGE

GRAND SUMMARY

ITEM	DESCRIPTION	Page No.	FOR TENDERER USE ONLY	FOR OFFICIAL USE ONLY
		PAGE	K.SHS.	K.SHS.
A	PARTICULAR PRELIMINARIES	PP/9		
B	GENERAL PRELIMINARIES	GP/10		
C	2No HOSTELS	HB/34		
D	MULTIPURPOSE HALL COMPLETION	MPH / 4		
E	LIBRARY BLOCK COMPLETION	LB/ 53		
F	TUITION BLOCK RENOVATIONS	TB/ 1		
G	PROVISIONAL SUMS	PS/1	276,300,000.00	276,300,000.00
GRAND TOTAL CARRIED TO FORM OF TENDER (VAT INCLUSIVE)				

AMOUNT IN WORDS : KENYA SHILLINGS

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TENDERER'S NAME

ADDRESS

DATE

TENDERER'S SIGNATURE

WITNESS'S NAME.....

ADDRESS

DATE

WITNESS SIGNATURE.....

JOB NO: GS