

PROPOSED SPORTS FACILITY

APPENDIX B

**7-ASIDE
FOOTBALL PITCH**

IN

***SHELLA*
LAMU COUNTY**

BILLS OF QUANTITIES

FEBRUARY, 2020

| ITEM | DESCRIPTION | KSHS |
|------|---|------|
| A. | <p style="text-align: center;">GENERAL PRELIMINARIES</p> <p>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> | |
| B. | <p>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><i>B.S.</i> Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England.</p> <p><i>Ditto</i> Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</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 | KSHS |
|------------------------------|---|------|
| 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 accuracy 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>EMPLOYER</p> <p>The "Employer" is as specified</p> <p>The term "Employer" and "Client" wherever used in the contract document shall be synonymous</p> | |
| C. | <p>PROJECT MANAGER</p> <p>The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Employer</p> | |
| D. | <p>ARCHITECT</p> <p>The term "Architect" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified.</p> | |
| E. | <p>QUANTITY SURVEYOR</p> <p>The term "Quantity Surveyor" shall be deemed to mean "The P.M." as defined above address unless otherwise notified.</p> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|---|------|
| A. | <p>ELECTRICAL ENGINEER</p> <p>The term "Electrical Engineer" shall be deemed to mean "The P.M." as defined above The term "Architect" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified.</p> | |
| B. | <p>MECHANICAL ENGINEER</p> <p>The term "Mechanical Engineer" shall be deemed to mean "The P.M." as defined above address unless otherwise notified.</p> <p>STRUCTURAL ENGINEER</p> | |
| C. | <p>The term "Structural Engineer" shall be deemed to mean "The P.M." as defined above address unless otherwise notified.</p> <p>FORM OF CONTRACT</p> | |
| D. | <p>The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works(2006 Edition). The Conditions of Contract are also included herein.</p> <p><i>Conditions of Contract</i></p> <p>These are numbered from 1 to 37 as set out in pages 20 to 42 of these tender documents. 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> | |
| E. | <p>BOND.</p> <p>The Contractor shall find and submit on the Form of Tender an approved bank or Insurance company and who will be willing to be bound to the Government in an amount equal to five (5) per cent of the Contract amount for the due performances of the Contract up to the date of completion as certified by the PROJECT MANAGER and who will when and if called upon, sign a Bond to that effect on the relevant standard form included herein.</p> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|--|------|
| A. | <p>PLANT, TOOLS AND VEHICLES</p> <p>Allow for providing all scaffolding, plant, tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.</p> | |
| B. | <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> | |
| C. | <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 on site when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.</p> | |
| D. | <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 delivery 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> | |
| E. | <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 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> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|---|------|
| A. | <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 Transport and Infrastructure.</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> | |
| B. | <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 workpeople.</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> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|---|------|
| A. | <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> | |
| B. | <p>EXISTING 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> | |
| C. | <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> | |
| D. | <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 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> | |
| E. | <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> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------|--|------|
| A. | <p>OFFICE ETC. FOR THE PROJECT MANAGER</p> <p>The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle the site office of the type noted in the Particular Preliminaries, complete with Furniture. 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> | |
| B. | <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> | |
| C. | <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> | |
| D. | <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> | |
| E. | <p>PROVISIONAL SUMS.</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 mentioned in Condition No. 16 of the conditions of Contract. Such sums are net and no addition shall be made to them for profit.</p> | |
| | <i>Carried to collection</i> | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|--|------|
| A. | <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 mentioned in Condition No. 16 of the conditions of Contract. Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods as stated in Condition No. 20 of the Conditions of Contract are described herein as Nominated Sub-Contractors.</p> <p>Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers.</p> | |
| B. | <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> | |
| C. | <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 | KSHS |
|------------------------------|--|------|
| A. | <p>ADJUSTMENT OF PROVISIONAL SUMS.</p> <p>In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued as described for Variations in Conditions No. 13 of the Conditions of Contract, but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p> | |
| B. | <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 Condition No. 20 of 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> | |
| C. | <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> | |
| D. | <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> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|--|------|
| A. | INSURANCE | |
| | <p>The Contractor shall insure as required in Conditions Nos. 22 and 23 of 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> | |
| B. | PROVISIONAL WORK | |
| | <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</p> <p>Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.</p> | |
| C. | ALTERATIONS TO BILLS, PRICING, ETC. | |
| | <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.</p> <p>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> | |
| D. | BLASTING OPERATIONS | |
| | <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> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|--|------|
| A. | <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> | |
| B. | <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> | |
| B. | <p>REMOVAL OF RUBBISH ETC.</p> <p>Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.</p> | |
| C. | <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> | |
| D. | <p>FIRM PRICE CONTRACT</p> <p>Unless otherwise specifically stated in the Particular Preliminaries this is a firm price Contract.</p> | |
| <i>Carried to collection</i> | | |

| ITEM | DESCRIPTION | KSHS |
|------------------------------|--|------|
| A. | <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> | |
| B. | <p>TRAINING LEVY</p> <p>The Contractor's attention is drawn to legal notice No. 237 of October, 1971, 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. 50,000.00 in value.</p> | |
| C. | <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> | |
| D. | <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> | |
| E. | <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> | |
| <i>Carried to Collection</i> | | |
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| ITEM | DESCRIPTION | KSHS |
|------|---|------|
| | <u>COLLECTION</u> | |
| | Brought Forward From Page GP/ 1 | |
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| | Brought Forward From Page GP/ 11 | |
| | Brought Forward From Page GP/ 12 | |
| | TOTAL FOR GENERAL PRELIMINARIES CARRIED TO SUMMARY | |

PARTICULAR PRELIMINARIES

| Item | DESCRIPTION | Kshs. | Cts |
|----------|--|-------|-----|
| 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 THE CONTRACT</p> <p>The works to be carried out under this contract comprises of General renovation works in accordance with the BQ supplied in amplification thereof.</p> | | |
| C | <p>DESCRIPTION OF THE WORKS</p> <p>The works to be carried out under this contract comprise of <u>CONSTRUCTION OF A FOOTBALL PITCH</u></p> | | |
| D | <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 Clause 22 of the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with Clause 22 of the said Conditions.</p> | | |
| E | <p>LOCATION OF SITE</p> <p>The site of the proposed works is in Lamu County, 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> | | |
| | Carried to Collection | | |

| Item | DESCRIPTION | Kshs. | Cts |
|-----------------|--|-------|-----|
| <p>A</p> | <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> | | |
| <p>B</p> | <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 claim or intent to claim notice to the Project Manager within the contract period. No claims shall be entertained upon the expiry of the said contract period.</p> | | |
| <p>C</p> | <p>PAYMENTS</p> <p>The tenderer's attention is drawn to the fact that the CLIENT SHALL NOT MAKE ADVANCE PAYMENTS in accordance with SECTION IV – Appendix to the Conditions of Contract Agreement.</p> | | |
| <p>D</p> | <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 instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of normal activities being carried out by the Client. The Contractor shall allow in his rates any expense he deems necessary by taking such care within the site.</p> | | |
| | <p>Carried to Collection</p> | | |

| Item | DESCRIPTION | Kshs. | Cts |
|----------|---|-------|-----|
| A | <p>WORKING CONDITIONS</p> <p>The Contractor shall allow in his rates for any interference that he may encounter in the course of execution 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> | | |
| B | <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> | | |
| C | <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> | | |
| D | <p>MATERIALS FROM DEMOLITIONS</p> <p>Any materials arising from demolitions and not re-used shall be removed from site. The contractor shall allow in his rates the cost of removal from site and dumping at a site approved by the city authorities.</p> | | |
| E | <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> | | |
| | Carried to Collection | | |

| Item | DESCRIPTION | Kshs. | Cts |
|-----------------|--|-------|-----|
| <p>A</p> | <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> | | |
| <p>B</p> | <p>URGENCY OF THE WORKS</p> <p>The Contractor is notified that these “works are urgent” and should be completed within the contract period.</p> <p>The Contractor shall allow in his rates for any costs he deems that he/she may incur by having to complete the works within the stipulated contract period.</p> | | |
| <p>C</p> | <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.</p> | | |
| <p>D</p> | <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> | | |
| <p>E</p> | <p>FIRM PRICE CONTRACT</p> <p>This is a firm price contract and the contractor must allow in his tender rates for any increase in the cost of labour and/or materials during the currency of the contract</p> | | |
| | <p>Carried to Collection</p> | | |

| Item | DESCRIPTION | Kshs. | Cts |
|-----------------|---|-------|-----|
| <p>A</p> | <p>PERFORMANCE BOND</p> <p>A bond of 5% of the contract sum will be required in accordance with clause 6.00 on award of contract of the Instructions to Tenderer's. No payment on account for the works executed will be made to the contractor until he has submitted to the EMPLOYER the Performance Bond duly signed, sealed and stamped from an approved Bank.</p> | | |
| <p>B</p> | <p>TENDER DOCUMENTS</p> <p>Tender documents are as listed in Clause 2.1 of the Instructions to Tenderer's.</p> | | |
| <p>C</p> | <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 opened.</p> | | |
| <p>D</p> | <p>VALUE ADDED TAX</p> <p>The contractor shall include in his rates/prices allowances to meet VAT requirements and any other government taxes currently in force.</p> <p>No claim arising from the contractors failure to allow in his rates/prices allowance to meet all government taxes shall be entertained</p> | | |
| | <p>Carried to Collection</p> | | |

| Item | DESCRIPTION | Kshs. | Cts |
|--|---|-------|-----|
| PARTICULARS OF INSERTIONS TO BE MADE IN APPENDIX TO CONTRACT AGREEMENT | | | |
| The following are the insertions to be made in the appendix to the Contract Agreement: - | | | |
| A | Period of Final Measurement | | |
| | 3 Months From Practical completion | | |
| B | Defects Liability Period | | |
| | 6 Months from practical completion | | |
| C | Date for Possession | | |
| | To be agreed with the Director of Works | | |
| D | Date for Completion | | |
| | Within 8 weeks | | |
| E | Liquidated and Ascertained | | |
| | 6,000 per week or part thereof | | |
| F | Prime cost sums for which the Contractor desires to tender | | |
| | | | |
| G | Period of Interim Certificates | | |
| | Monthly | | |
| H | Period of Honoring Certificates | | |
| | 21 days | | |
| I | Percentage of Certified Value Retained | | |
| | 10% | | |
| J | Lower Limit of Retention Fund | | |
| | 5 % | | |
| Carried to Collection | | | |

| Item | DESCRIPTION | Kshs. | Cts |
|------|---|--------|-----|
| | LUNCHES AND AIRTIME | | |
| A | Provide the sum of Kenya Shillings Five Thousand for mobile phone airtime for officers from Director of works | 5,000 | 00 |
| B | Add Profits and overheads% of above | | |
| C | Provide the sum of Kenya Shillings Fifteen Thousand for Lunches for officers from Director of works | 15,000 | 00 |
| D | Add Profits and overheads % of above | | |
| | PROJECT MANAGEMENT | | |
| E | Provide the sum of Kenya Shillings Thirty Thousand for project management and supervision expenses | 30,000 | 00 |
| F | Add Profits and overheads % of above | | |
| | Total carried to collection | | |
| | COLLECTION | | |
| | 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 down from above | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | PARTICULAR PRELIMINARIES CARRIED TO SUMMARY | | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | KSH |
|------|---|------|------|------------|-----|
| | <u>ELEMENT No. 1</u> | | | | |
| | <u>SUBSTRUCTURES</u> | | | | |
| | <u>Excavations</u> | | | | |
| A | Excavate to reduce level in sandy soil from ground level but not exceeding 400mm deep | C.M | 425 | | |
| B | Excavate for foundation trenches in sandy soil from ground level but not exceeding 1500mm deep | C.M | 48 | | |
| C | Allow for all necessary earthwork support | | ITEM | | |
| D | Allow for keeping excavation free from general surface water | | ITEM | | |
| | <u>Disposal</u> | | | | |
| E | Return, fill and ram selected excavated materials around foundations and to make levels in layers not exceeding 150mm thick | C.M | 170 | | |
| F | Load and cart away surplus excavated materials | C.M | 197 | | |
| | <u>Surface treatment</u> | | | | |
| G | Grade and compact to falls and cross falls bottom of excavations compacted to 100% B.S compaction by an approved roller | S.M | 1062 | | |
| | <u>Filling</u> | | | | |
| H | Supply and fix 150 mm thick sub-grade reprocessed and compacted in 150 mm thick layers to 95% maximum dry density and optimum moisture content. | S.M | 1062 | | |
| I | Supply and fix 150 mm thick hand packed hardcore fill sub-base | S.M | 1062 | | |
| J | Ditto 50 mm thick approved murrum blinding well compacted. | S.M | 1062 | | |
| | <u>Sub-wall</u> | | | | |
| | <u>Coral grade 1 machine cut blocks bedded and jointed in cement and san (mix 1:3) mortar in:-</u> | | | | |
| K | 200 mm walling with hoop iron at alternate courses | S.M | 87 | | |
| | <u>Plinth</u> | | | | |
| L | 20 mm thick plaster on wall surfaces finished smooth with steel trowel | S.M | 87 | | |
| | <u>CARRIED TO COLLECTION</u> | | | KSH | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | KSH |
|---|---|------|------|------------|--------------------------|
| <u>ELEMENT 01 CONT'D</u> | | | | | |
| A | <u>Plinth 'ctd</u> Prepare and apply two coats of bitumeous based paint to plastered surfaces | S.M | 87 | | |
| <u>Plain concrete class 15/20</u> | | | | | |
| B | 50 mm thick blinding to strip foundations | S.M | 80 | | |
| <u>Mass concrete class 20/20</u> | | | | | |
| C | Strip foundation | C.M | 16 | | |
| <u>Reinforced concrete class 25/20</u> | | | | | |
| D | 150 mm thick surface slab | S.M | 1062 | | |
| <u>Formwork</u> | | | | | |
| E | Sawn formwork to edges of slab bed 75 - 150 mm high | L.M | 133 | | |
| <u>Reinforcement Bars; high yield steel; cold worked to B.S. 4461 incl. bends, hooks, tying wire and distance blocks</u> | | | | | |
| F | T10 | KG | 536 | | |
| <u>Fabric; B.S. 4483</u> | | | | | |
| G | Reference A142 mesh 200 x 200mm, weight 2.22kgs psm (measured net – no allowance made for laps (including bend, tying wire and distance blocks) | S.M | 1062 | | |
| CARRIED TO COLLECTION | | | | Ksh. | |
| | | | | Ksh. | <u>COLLECTION</u> |
| From page 1/1 | | | | Ksh. | |
| From page 1/2 | | | | Ksh. | |
| <u>SECTION No.1 CARRIED TO SUMMARY</u> | | | | KSH | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | KSH |
|------|--|------|------|------|-----|
| | <u>ELEMENT 02</u> | | | | |
| | <u>FOOTBALL PITCH</u> | | | | |
| | <u>Artificial Turf</u> | | | | |
| A | Supply and fix artificial turf grass complete with granulated rubber, Duraflo backing system and a shock absorbing pad to approval. | S.M | 1062 | | |
| | <u>Chainlink fence</u> | | | | |
| B | 4500 mm high x 14 gauge chainlink complete with 12.5 gauge x 12 strand galvanized wired fencing with 50 mm diameter steel supports at 3000 mm centres mortised in mass concrete surround | L.M | 137 | | |
| C | Supply and fix manilla netting on pitch roof as per detail | S.M | 1062 | | |
| | <u>Prepare and prime turf surfaces and apply two coats approved turf marking paint to:-</u> | | | | |
| D | Marking 100 mm wide | L.M | 390 | | |
| | <u>Goal posts</u> | | | | |
| E | Fabricate supply and fix goal posts to required specifications complete with nets and painted to approval | No. | 2 | | |
| | <u>Underground UPVC Drain pipe</u> | | | | |
| | <u>Excavating trenches in any material, starting at formation level, for drain pipes not exceeding 450mm diameter, trimming bottom of excavations to regular falls, backfilling with selected excavated material, compacting as described and cart away surplus excavated materials as directed on site including earthwork support to sides of trenches for:-</u> | | | | |
| F | 150mm Diameter pipe average 450mm deep | L.M | 224 | | |
| | <u>UPVC Pipes</u> | | | | |
| G | 150mm Diameter underground drain pipe | L.M | 224 | | |
| | <u>ELEMENT No.2 CARRIED TO SUMMARY</u> | | | | |
| | | | | KSH | |

| ITEM | DESCRIPTION | UNIT | QTY | RATE | KSH |
|------|--|------|-------------|------|-----|
| | <u>PROPOSED DEVELOPMENT OF SPORTS FACILITY</u> | | | | |
| | <u>FOOTBALL PITCH</u> | | | | |
| | <u>SUMMARY</u> | | | | |
| | <u>ELEMENT</u> | | <u>PAGE</u> | | |
| 1 | SUBSTRUCTURE | | 1/2 | | |
| 2 | PITCH FINISHES | | 1/3 | | |
| | <u>CARRIED TO MAIN SUMMARY</u> | | | KSH | |

| ITEM | DESCRIPTION | PAGE | CONTRACTOR'S USE | OFFICIAL USE |
|---|---|-------------|------------------|--------------|
| <u>PROPOSED DEVELOPMENT OF SPORTS FACILITY - FOOTBALL PITCH IN LAMU COUNTY</u> | | | | |
| <u>MAIN SUMMARY</u> | | | | |
| 1 | GENERAL PRELIMINARIES | GP/13 | | |
| 2 | PARTICULAR PRELIMINARIES | PP/7 | | |
| 3 | FOOTBALL PITCH | 1/4 | | |
| 4 | SUB-TOTAL 1 | KSH. | | |
| 5 | ADD 2.5% OF ITEM 4 FOR CONTINGENCIES | SUM | | |
| 6 | SUB-TOTAL 2 | KSH. | | |
| 7 | ADD 16% VAT | ITEM | | |
| 8 | TOTAL AMOUNT CARRIED TO FORM OF TENDER | KSH. | | |

Amount in words.....

Contractor's name.....

Address.....

Date.....

Signature.....

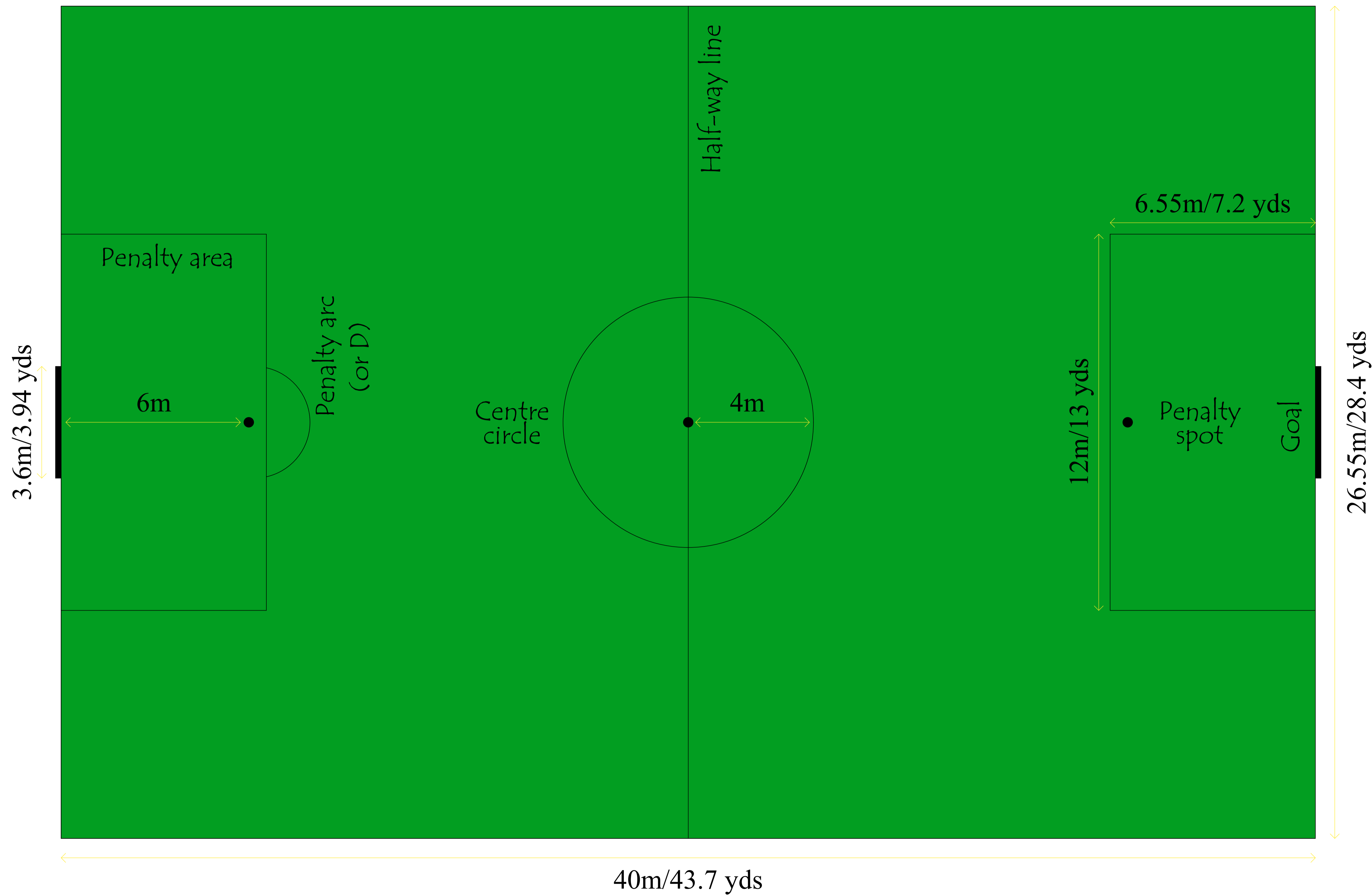
Witness.....

Address.....

Date.....

Signature.....

7 A-SIDE FOOTBALL PITCH



GENERAL
 All dimensions are in (mm) unless otherwise specified.
 Only figured dimensions are to be read from the drawing.
 All dimensions must be checked and verified by the contractor before work commencement of any work.
 Any discrepancy to be clarified with the project Architect.

CONSTRUCTION
 All slab at ground level to be cast over 1000gauge polythene sheet on 50mm thick murrum blinding on hardcore.

CIVIL
 All soil under slab around and under foundation to be treated for termite control..

STRUCTURAL
 All soil on cut embankment to be stabilized.The slope not to exceed 45°
 All black cotton soil to be removed from building and paved surfaces.
 For all RC works, refer to structural engineer's details.
 Depth of foundation to be determined on site to Structural Engineer's approval.

MECHANICAL
 All plumbing and drainage works to comply with relevant local authority.
 SVP denotes soil vent pipe to be provided at the head of drainage system.
 Drains passing beneath building and driveways to be encased in concrete surround.
 The storm drain pipes comply with BS 556 specification.
 All inspection chamber covers and framing shall be cast iron.
 All test of pipes must be done before plastering.

ELECTRICAL
 All conduits must be laid before plastering work.

PROJECT TITLE:
 PROPOSED SEVEN ASIDE FIELD

CLIENT:
 COUNTY GOVERNMENT OF LAMU

DRAWING TITLE :
 7 ASIDE WORKING PLAN

DRAWN BY: ASST. S.E
 CHECKED BY: COUNTY. S.E

Scale 1:65
 Drg No#:
 Date: OCT,2019

