

REPUBLIC OF KENYA



COUNTY GOVERNMENT OF LAIKIPIA

DEPARTMENT OF INFRASTRUCTURE

BILL OF QUANTITIES

FOR

PROPOSED SOCIAL HALL

(NG-CDF-LAIKIPIA EAST CONSTITUENCY)

FOR

SOLIO VILLAGE 4 ASSISTANT

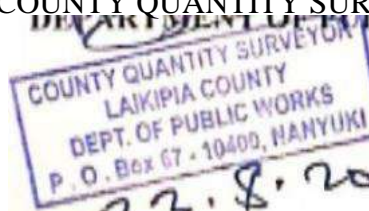
COUNTY COMMISSIONER'S OFFICE

IN

LAIKIPIA EAST SUB COUNTY

PREPARED BY

COUNTY QUANTITY SURVEYOR





ITEM	DESCRIPTION	KSHS
<p>ABCD</p>	<p><b>PARTICULAR PRELIMINARIES</b></p> <p><b>PRICING ITEMS OF PRELIMINARIES</b></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. In the event that an item is not priced the cost is deemed to be included in the measured works/Bills of Quantities.</p> <p>This is a FULL contract and the prices inserted against the various items shall be for all expenses required for the proper execution of the works.</p> <p><b>DESCRIPTION OF THE WORKS</b></p> <p>The works to be carried out under this contract involves construction and renovation</p> <p><b>MEASUREMENTS</b></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> <p><b>LOCATION OF SITE</b></p> <p>The site for the proposed works is at Sub county cipu hqtrs-Nanyuki 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>	
	<p>Carried to collection</p>	

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ABCD	<p><b>TENDER VALIDITY PERIOD</b></p> <p>Clause 3.6 of the Instructions to Tenderers has been amended to read; Tenders shall remain valid for a period of One Hundred and Twenty(120)days from the date of Tender Opening, and not Ninety(90)days.</p> <p>All Tenderers are advised to note this amendment when filling the Form of Tender</p> <p><b>TENDER SECURITY (N/A)</b></p> <p>Bid bond/Tender security, which must be from an established bank or insurance company shall remain valid for a period of One Hundred and Fifty(150)days from the date of Tender Opening i.e. Thirty (30) days beyond the Tender Validity Period.</p> <p><b>DEMOLITIONS AND ALTERATIONS</b></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 loss or damage made good 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> <p><b>CLEARING AWAY</b></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>ABCDEF(1)(11)</p>	<p><b>CLEARING AWAY CTD...</b></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>CLAIMS</b></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> <p><b>PAYMENTS</b></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 site: all in accordance with Clause 23 of the Conditions of Contract Agreement. 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> <p><b>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</b></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 deems necessary by taking such care within the site.</p> <p><b>WORKING CONDITIONS</b></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 station will be operating as usual during the course of the contract.</p> <p><b>SIGNBOARD</b></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 contractor to also allow for branding/logo of the constructed unit to the satisfaction of the fund manager.</p>	
	<p>Carried to collection</p>	

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<p>ABDEFG</p>	<p><b>LABOUR CAMPS</b></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><b>MATERIALS FROM DEMOLITIONS</b></p> <p>Any materials arising from demolitions and not re-used shall become the property of the Government of Kenya.</p> <p><b>PRICING RATES</b></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> <p><b>SECURITY</b></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>URGENCY OF THE WORKS</b></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> <p><b>PAYMENT FOR MATERIALS ON SITE</b></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> <p><b>EXISTING SERVICES</b></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>	
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<p>ABCD</p>	<p><b>CONTRACT COMPLETION PERIOD</b></p> <p>The contract completion period in accordance with condition 31 of the Conditions of contract must be adhered to.</p> <p>The 'PROJECT MANAGER' shall strictly monitor the Contractor's 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, etc and working overtime all at his cost.</p> <p><b>PERFORMANCE BOND</b></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 the Performance Bond to the Project Manager duly signed, sealed and stamped from an approved Bank.</p> <p><b>TENDER DOCUMENTS</b></p> <p>Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page STD/8</p> <p><b>DELIVERY OF TENDER</b></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 invitation to tender.</p> <p>Tenders will be opened at the time specified in the letter accompanying these Tender Documents or as indicated in the invitation to tender. Tenders delivered/received later than the above time will not be opened.</p>	
	<p>Carried to collection</p>	

ABC	<p><b>VALUE ADDED TAX</b></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 VAT and any other Government taxes currently in force.</p> <p>The tenderer is advised that in accordance with Government public notice No. 35 &amp; 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: V.A.T. shall not be included in the rates but shall be given as a percentage in the grand summary page.</p> <p><b>PROJECT ADMINISTRATION AND SUPERVISION</b></p> <p>Allow for Kenya Shillings four hundred thousand (Kshs 400,000.00)</p> <p>only for both technical supervision team and project monitoring committee administrative project costs</p> <p>Allow for Contractor's profit and overheads(-----%)</p>	400,000.00
	Carried to collection	

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ITEM	DESCRIPTION	QTY	UNIT	RATE	K.SHS
	PROPOSED SOCIAL HALL FOR SOLIO VILLAGE				
	FOUR				
	ELEMENT NO.1				
	SUBSTRUCTURES (ALL PROVISIONAL)				
	Site clearance				
A	Clear the site off grass, shrubs and all vegetation; cart away as directed	450	sm		
B	Excavate vegetable soil average 200mm deep and cart away as directed	450	sm		
	Excavation				
C	Excavate oversite to reduce levels commencing from stripped level average 300mm deep and spread on site av. 10 meters away	135	cm		
D	Excavate for strip foundation starting from reduced level not exceeding 1.50 meters deep and cart away as directed	66	cm		
E	Extra over excavation for excavating in rock class 1	17	cm		
F	Return, fill-in and rum selected excavated material	24	cm		
G	Remove and cart away from site surplus excavated material as directed	42	cm		
	Diposal of water				
H	Keeping all excavations free from all water including spring or running water	1	Item		
	Planking and strutting				
I	Uphold the sides of all excavations	1	Item		
	Filling				
J	Hardcore filling in making up levels exceeding 300mm thick, depositing and compacting in layers of 150mm maximum thickness	391	sm		
K	50mm thick murrum blinding to surfaces of fill Antitermite treatment	391	sm		

L	TERMIDOR' or other equal and approved insecticide with	413	sm		
	a ten-years guarantee to surfaces of fill and ops of				
	foundations				
	Carried to collection				
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<p>ABCDEFGHIJ</p> <p>K</p>	<p>Concrete</p> <p>50mm thick mass concrete class Q (1:4:8) to bottoms of foundations</p> <p>In situ concrete; reinforced; class 20 / (20mm); vibrated Foundations in trenches irrespective of thickness</p> <p>150mm thick bed</p> <p>Reinforcement</p> <p>Bars: high yield steel: cold worked to B.S.4461 including bends, hooks, tying wire and distance blocks</p> <p>10mm bars</p> <p>8mm bars</p> <p>Fabric; B.S.4483</p> <p>Reference A142 mesh 200 x 200 mm, weight 2.22 kgs per square meter (measured net - no allowance made for laps including bends, tying wire and distance blocks</p> <p>Sawn formwork to in situ concrete as described:-</p> <p>To sides; vertical or battering of strip foundations.</p> <p>Edges of ground floor slab; 75 to 150mm wide</p> <p>Walling</p>	<p>66</p> <p>134132461834134491143204</p> <p>13</p>	<p>smcmsgkgkgsmsmlmsmno</p> <p>sm</p>



	<p>200mm thick approved local natural stone; roughly squared to foundation walling; bedding and jointing in cement sand(1:3)mortar</p> <p>Extra over walling in 400x200x1300mm high mason pier</p> <p>Damp proofing Polythene; 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding</p>		
	Carried to collection		

ABCD	<p>225mm wide; B.S. 743 Type A bitumen hessian base 150mm laps (no allowance made for laps); horizontal, 1 no.layer,bedded in cement sand (1:3)mortar</p> <p>Insitu finishings</p> <p>14mm thick 2 No. coatwork cement sand (1:3) render;wood floated to concrete or blockwork base to walls;external</p> <p>Prepare and apply three coats black bituminous paint on:-Rendered plinths,externally.</p> <p>Paving Slabs around building</p> <p>600 x 600 x 50mm thick precast concrete paving slabs beddedand jointed in cement and sand (1:4) mortar lai on and</p> <p>including 50mm thick sand bed(Two rows)</p>	110414155	lmsmsmsm		
	Carried to collection				
	<p>COLLECTION</p> <p>From page 9</p> <p>From page 10</p> <p>From page Above</p>				
	TOTAL FOR SUBSTRUCTURES CARRIED TO				

SUMMARY					
ABCD	<p>ELEMENT NO.2</p> <p>FRAME</p> <p>Insitu concrete; reinforced: class 20 / (20mm): vibratedBeams</p>	8593330100	cmkgkgsm		
	<p>Reinforcement</p> <p>Bars; high yield steel: cold worked to B.S.4461 including bends.hooks.tying wire and distance blocks</p> <p>12mm diameter bars</p> <p>8mm ditto</p> <p>Sawn formwork to insitu concrete as described:- To sides and soffits of beams</p>				

	TOTAL FOR FRAME CARRIED TO SUMMARY	
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BCDEFG	<p>ELEMENT NO.3</p> <p>EXTERNAL&amp; INTERNAL WALLING</p> <p>Precast concrete grade 20(12mm aggregate) including formwork, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in cement and sand (1:3) mortar</p> <p>Window cill; 275 x 75 mm extreme height; once sunk-weathered; once throated; reinforced as necessary for handling; surface fair finish 400 mm girth; bedding, jointing and pointing in cement sand (1:3) mortar</p> <p>NATURAL STONE WALLING</p> <p>200 mm thick approved local; machine cut; reinforced with hoop iron at alternate courses; bedding, jointing and pointing in cement sand (1:3) mortar</p> <p>Ditto gable</p> <p>200 mm eaves filling, 240mm high including dressing between rafters</p> <p>Extra over walling in 400x200x2700mm high mason pier Sundries</p> <p>Form opening for ventilation 100mm in diameter and build in ventilating gratings</p> <p>Labour and material</p> <p>Extra over horizontal pointing in 10mm thick rod in cement and sand (1:3) mortar to external wall</p>	2336850662011418	lmsmsmImNosm		
	TOTAL FOR WALLING CARRIED TO SUMMARY				



ABCDEFGHI	ELEMENT NO.3	5093458432882111323698	sm1m1mlmlmImIm		
	<p>ROOFING</p> <p>28 gauge versatile roofing sheets fixed onto steel</p> <p>purlins(m/s) to detail</p> <p>Roof covering not exceeding 45° from horizontal;fixing toSteel structure (m/s) with roofing u bolts to detail</p> <p>Accessories,fixing as necessary to roof</p> <p>Ridge cap</p> <p>Steel trusses well primed before delivery to site with plates</p>				

	<p>/gussets etc</p> <p>The following in steel hollow sections</p> <p>50x50x3mm steel hollow sections</p> <p>50x50x3mm ditto but purlins</p> <p>50x25x3mm ditto</p> <p>Wrot cypress.prime grade</p> <p>200 x 25mm thick fascia/berge board</p> <p>Wrot cypress, prime grade</p> <p>Eaves</p> <p>50x50 mm second grade celcured and well seained cybresstimber brandering</p> <p>Ditto but plugged</p>				
	Carried to Collection				

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ABDEF	<p><b>PLUMBING AND DRAINAGE</b></p> <p>Rain water goods</p> <p>Heavy duty upvc gutters and down pipes</p> <p>150 x 100mm box gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centers</p> <p>Extra; for blocked ends with 75mm dia. outlet 100mm long 75mm dia. rainwater down pipe fixed with and including mild steel straps at 900mm centres, plugged and screwed to wall</p> <p>Extra; swanneck bend</p> <p>Extra; horse shoe bend</p> <p>Painting and Decorations</p> <p>On Woodwork</p> <p>Prepare and apply one undercoat and two coats of</p> <p>'CROWN SOLO' or other equal and approved super gloss</p> <p>oil paint to:-</p> <p>Fascias; 200 to 300mm girth; external</p>	6641244113	ImNoImNoNoIm	
	Carried to Collection			
	<p><b>COLLECTION</b></p> <p>From page 14</p> <p>From above</p>			