



WALDORF KAKUMA PROJECT (WKP)

TENDER DOCUMENT FOR

INCLUSIVE ECDE INFRASTRUCTURE UPGRADE

**PROPOSED CONSTRUCTION OF A NEW SEMI_PERMANENT CLASSROOM AND A 2-DOOR SANITATION
FACILITY AT LOCHORANGIKALALIO ECDE CENTRE**

REFERENCE No.: WKP/CBM/008/2026B

TURKANA COUNTY

LOIMA SUB-COUNTY

LOKIRIAMA/LORENGIPPI WARD

© September 2026

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INVITATION FOR TENDER

INTRODUCTION

This tender is issued under the project “**Inclusive ECDE Infrastructure Upgrade at Lokiriama/Lorengippi Ward, Loima Sub-County, Turkana County**”

(Reference No: **WKP/CBM/008/2026**)

The project is implemented by **Waldorf Kakuma Project (WKP)**, a registered non-profit organization in Kenya with over a decade of experience delivering inclusive education, psychosocial support, and humanitarian interventions in Turkana and other vulnerable regions. WKP works closely with communities, schools, and government structures to promote child wellbeing, resilience, and inclusive learning environments.

The project is funded by **CBM (Christian Blind Mission)**, an international Christian development organization committed to improving the quality of life of persons with disabilities in the poorest communities worldwide. CBM works through partnerships to advance inclusive humanitarian action, education, and community development.

The procurement under this tender is intended to support timely and effective delivery of project activities in line with humanitarian standards, donor requirements, and national coordination frameworks.

As part of this intervention, the proposed interventions are expected to significantly improve the quality of learning infrastructure, learner safety, classroom functionality, and overall educational experience within the targeted schools.

OBJECTIVE OF THE TENDER

The objective of this tender is to engage a qualified and experienced contractor for:

- Existing Classroom rehabilitation to store
- Painting and Mural works.
- Blackboard installation.
- Drainage and external works improvement (Playground and paths levelling).
- Branding and signage installation.
- New classroom construction
- New sanitation facility construction

For **Lochorangikalalio ECDE Centre** in Lokiriama/Lorengippi Ward.

Waldorf Kakuma Project (WKP) reserves the right to accept or reject any Bid and is not bound to give reasons for its decision”.

PART 1- Instructions to Tenderers

1. General/Eligibility/Qualifications/Cost of Tendering

Waldorf Kakuma Project (WKP) invites tenders for **repair and rehabilitation works at Lochorangikalalio ECDE Centre.**

- 1.1 All tenderers shall provide the Qualification Information as required in the Invitation
- 1.2 To qualify for award of the Contract, tenderers shall meet the following minimum qualifying criteria;

Eligible bidders must attach valid documentation and be able to meet the following minimum requirements: -

- a) Provide Registration certificate.
 - b) Provide Valid KRA pin and TAX compliance.
 - c) Have minimum capital (10% of works cost) for resource mobilisation.
 - d) Proof of registration with the National Construction Authority (NCA 7 and above) in Water works, Civil and Building with a valid practising licence and a certificate.
 - e) Signed Audited accounts for the year 2025
 - f) Provide a copy of valid recent Bank Statement (preferably for the last six months-March 2026-August 2026.
 - g) Company/Business Profile detailing qualifications -Full Disclosure of Directors (attach IDs)
 - h) Attach details (Recommendations/Completion certificates) of similar works completed, giving details of clients who may be contacted for more information, amount, and status (completed or ongoing).
 - i) Contractor's profile showing personnel, plant & equipment, and completion timelines (workplan).
- 1.3 The tenderer shall bear all costs associated with the preparation and submission of his tender, and the WKP will in no case be responsible or liable for those costs.
 - 1.4 The tenderer, at the tenderer's own responsibility and risk, is encouraged to visit and be familiar with the road network and delivery location and its surroundings, and obtain all information that may be necessary for preparing the tender and entering into a contract. The costs of visiting the site shall be at the tenderers own expense.

A mandatory pre-tender site visit to be held on **10th September 2026 @8:00AM**. Meeting place will be the Waldorf Kakuma Project office –**Lodwar – Kanamkemer, along Kanamkemer-Naotin Road, near Club Lelo, opposite Desert Dew Furnitures**. Bidders will show evidence of the visit through a signed confirmation letter from the Project Engineer/Project Manager.

2. Tender Documents

2.1 The complete set of tender documents comprises the documents listed below and any addenda issued in accordance with Clause 2.4.

2.1.1 These Instructions to Tenderers

2.1.2 Form of Tender and Qualification Information

2.1.3 Specifications

2.1.4 Drawings

2.1.5 Bills of Quantities

2.2 The tenderer shall examine all Instructions, Forms to be filled and Specifications in the tender documents. Failure to furnish all information required by the tender documents, or submission of a tender not substantially responsive to the tendering documents in every respect will be at the tenderers risk and may result in rejection of his tender.

2.3 A prospective tenderer making an inquiry relating to the tender documents may notify the Waldorf Kakuma Project (WKP) in writing at the email address indicated in the letter of invitation to tender. The Waldorf Kakuma Project (WKP) will only respond to requests for clarification received earlier than three (3) working days (Monday to Friday) prior to the deadline for submission of tenders. Copies of the Waldorf Kakuma Project (WKP) response will be forwarded to all persons issued with tendering documents, including a description of the inquiry, but without identifying its source.

2.4 Before the deadline for submission of tenders, the Waldorf Kakuma Project (WKP) may modify the tendering documents by issuing addenda. Any addendum thus issued shall be part of the tendering documents and shall be communicated in writing or by cable, telex or facsimile to all tenderers.

To give prospective tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Waldorf Kakuma Project (WKP) may extend, as necessary, the deadline for submission of tenders.

3. Preparation of Tenders

- 3.1 All documents relating to the tender and any correspondence shall be in English language.
- 3.2 The tender submitted by the tenderer shall comprise the following:
 - (a) **These Instructions to Tenderers**
 - (b) **Form of Tender and Specifications**
 - (c) **Priced List Bills of Quantities**
 - (d) **Qualification Information Form and Documents**
 - (e) **Any other materials required to be completed and submitted by the tenderers**
- 3.3 The tenderer shall fill in rates and prices for all items of the materials described in the Bill of Quantities. Items for which no rate or price is entered by the tenderer will not be paid for when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause relevant to the Contract, as of 30 days prior to the deadline for submission of tenders, shall be included in the tender price submitted by the tenderer.
- 3.4 The unit rates and prices **MUST** be in **Kenya Shillings**
- 3.5 Tenders shall remain valid for a period of one hundred and twenty (120) days from the date of tender closing. However, in exceptional circumstances, the Waldorf Kakuma Project (WKP) may request that the tenderers extend the period of validity for a specified additional period. The request and the tenderers' responses shall be made in writing. A tenderer agreeing to the request will not be required or permitted to otherwise modify the tender
- 3.6 Tenderers shall submit offers that comply with the requirements of the tendering documents. Alternatives will not be considered, unless specifically allowed in the invitation to tender.
- 3.7 The tender shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the tenderer. All pages of the tender shall be numbered and where alterations or additions have been made shall be initialized by the person or persons signing the tender.
- 3.8 Clarification of tenders shall be requested by the tenderer to be received by the procuring entity not later than 3 working days (Monday to Friday) prior to the deadline for submission of tenders.
- 3.9 Waldorf Kakuma Project (WKP) shall reply to any clarifications sought by the tenderer within 3 working days of receiving the request to enable the tenderer to make timely submission of its tender.

4. Submission of Tenders

- 4.1 The tenderers shall submit only one document to **Waldorf Kakuma Project Office, Lodwar – Kanamkemer, along Kanamkemer-Naotin Road, near Club Lelo, opposite Desert Dew Furnitures** bearing the number of the Tender.
- 4.2 Any tender received after the deadline prescribed in the invitation to tender will be rejected.
- 4.3 Tenderers may modify or withdraw their tenders during the tendering period. No tender may be modified after the deadline for submission of tenders.
- 4.4 Tenderers may only offer discounts to, or otherwise modify the prices of their tenders by submitting tender modifications or be included in the tender submission.
- 4.5 Completed Tender documents should be delivered to: **Waldorf Kakuma Project Office, Lodwar – Kanamkemer, along Kanamkemer-Naotin Road, near Club Lelo, opposite Desert Dew Furnitures** on or before **18th September at 12:00 PM.**
- 4.6 **Tender prices must remain valid for 120 days from the date of tender closing.**

5. Tender Opening and Evaluation

- 5.1 Tenders will be opened by Waldorf Kakuma Project (WKP).
- 5.2 Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of Contract shall not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the Waldorf Kakuma Project (WKP)'s officials, processing of tenders or award decisions may result in the rejection of his tender.
- 5.3 To assist in the examination, evaluation, and comparison of tenders, the Waldorf Kakuma Project (WKP) at his discretion, may ask any tenderer for clarification of the tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or email but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered in the evaluation of the tenders.
- 5.4 Prior to the detailed evaluation of tenders, the Waldorf Kakuma Project (WKP) will determine whether each tender;
 - (a) Meets the eligibility criteria defined in the invitation to tender;**
 - (b) Has been properly signed;**
 - (c) Is accompanied by the required documents; and**
 - (d) Is substantially responsive to the requirements of the tendering documents.**

- 5.5 A substantially responsive tender is one which conforms to all the terms, conditions and specifications of the tendering documents, without material deviation or reservation. A material deviation or reservation is one;
- a) Which affects in any substantial way the scope, quality, or performance of the works.
 - b) Which limits in any substantial way, inconsistent with the tendering documents, the Waldorf Kakuma Project (WKP)'s rights or the tenderers obligations under the Contract; or
 - c) Whose rectification would affect unfairly the competitive position of other tenderers presenting substantially responsive tenders.
- 5.6 If a tender is not substantially responsive, it will be rejected, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.
- 5.7 Tenders determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows:
- a) Where there is a discrepancy between the amount in figures and the amount in words, the amount in words will prevail; and
 - b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will prevail, unless in the opinion of the Waldorf Kakuma Project (WKP), there is an obvious typographical error, in which case the adjustment will be made to the entry containing that error.
 - c) In the event of a discrepancy between the tender amount as stated in the Form of Tender and the corrected tender figure in the main summary of the Bill of Quantities, the amount as stated in the Form of Tender shall prevail.
- 5.8 The Waldorf Kakuma Project (WKP) will evaluate and compare only the tenders determined to be substantially responsive. WKP shall use the criteria and methodologies listed in the Section "EVALUATION AND QUALIFICATION CRITERIA"
- 5.9 In evaluating the tenders, Waldorf Kakuma Project (WKP) will determine for each tender the evaluated tender price by adjusting the tender price as follows:
- (a) making any correction for errors
 - (b) making appropriate adjustments to reflect discounts or other price modifications offered
- 5.10 Waldorf Kakuma Project (WKP) reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in

excess of the requirements of the tender documents or otherwise result in unsolicited benefits for Waldorf Kakuma Project (WKP) will not be considered in tender evaluation.

- 5.11 The tenderer shall not influence Waldorf Kakuma Project (WKP) on any matter relating to his tender from the time of the tender opening to the time the Contract is awarded. Any effort by the Tenderer to influence the Waldorf Kakuma Project (WKP) or his employees in his decision on tender evaluation, tender comparison or Contract award may result in the rejection of the tender.

6. Award of Contract

- 6.1 The award of the Contract will be made to the tenderer whose tender has been determined to be substantially responsive to the tendering documents and who has offered the lowest evaluated tender price.
- 6.2 WKP reserves the right to accept or reject any tender, and to cancel the tendering process and reject all tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the action.
- 6.3 The tenderer whose tender has been accepted will be notified of the award prior to expiration of the tender validity period in writing or by email. This notification (hereinafter and in all Contract, documents called the “Letter of Acceptance”) will state the sum (hereinafter and in all Contract, documents called the “Contract Price”) that Waldorf Kakuma Project (WKP) will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract.
- 6.4 The contract shall be formed on the parties signing the contract.
- 6.5 The Agreement will incorporate all agreements between Waldorf Kakuma Project (WKP) and the successful tenderer.
- 6.6 Waldorf Kakuma Project (WKP) may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 6.7 A tenderer who gives false information in the tender document about its qualification shall not be considered for re-engagement in future Waldorf Kakuma Project (WKP) procurement.

7. Corrupt and Fraudulent Practices

- 7.1 WKP requires that tenderers observe the highest standards of ethics during procurement process and execution of contracts. A tenderer shall sign a declaration that he has not and will not be involved in corrupt and fraudulent practices.

PART 2- Evaluation Criteria

Stage 1: Preliminary Bid Responsiveness Assessment (Mandatory Requirements)

This will involve assessing whether bidders have complied with submission requirements and have also attached copies of mandatory eligibility and statutory documents. Evaluation at this stage will be conducted on **Yes/No**, and bidders are expected to **comply with ALL** required items so as to proceed to the next stage of evaluation.

No.	Completeness and Responsiveness Criteria	Requirement
1.	Valid Tax Compliance Certificate	- Copy of Valid Tax Compliance Certificate
2.	Registration with National Construction Authority	- Copy of Valid National Construction Authority (NCA) registration Certificate for at least Class 7 and above which must be in Building Engineering works Category - accompanied by a valid practicing license. This shall be verified in the NCA portal.
3.	Certificate of Incorporation	- Copy of certificate
4.	CR12 Form	- Copy of current CR12 Form
5.	Pre-Tender Site Visit	- Copy of Valid Certificate signed by WKP Engineer
6.	Physical Location	- Copy of Valid Business Permit

Stage 2: Technical Responsiveness Evaluation Stage

Tenders will be evaluated to ensure that they are substantially responsive to the technical specifications and contract conditions stated in the Tender Document. The determination of a tender's technical responsiveness will be based on the contents of the tender itself, subject to any clarifications received in the preliminary examination of Tenders. Items of this evaluation will be scored as below.

Item	DESCRIPTION		POINT Score (marks)
1	EXPERIENCE		Max 30
	Attach practical completion certificate ONLY for past successfully delivered projects as evidence		
	1.1 Value of similar/related repair, rehabilitation and construction works handled in Kshs.		
a.	Six similar/related projects of equal or higher value done in the last three years @5 Mks		30
2.	KEY PERSONNEL – (To be edited based on specialty of skills required)		Max 30
	Technical skill in terms of human resource. Attached CVs and certified copies of academic certificates detailing qualifications of key personnel who shall be involved in these assignments. The persons must be working with the organization or sign on undertaking to work with the firm by the time of submitting this tender throughout the job if awarded. Each of the personnel will be evaluated on the following parameters.		
a.	Project Manager (Bachelor of Civil Engineering OR BSc. Construction Management, all registered with relevant professional bodies)	Technical Qualification – Degree in Civil Eng. (3Mks)	10
		Experience in years 4 years total, 3 years in similar works (4 Mks)	
		Registration with EBK (3Mks)	
b.	Site Agent Site Agent (Bachelor of Civil Engineering & registered with relevant professional bodies)	Technical Qualification – Degree in Civil Eng. (2Mks)	5
		Experience in years 3 years total, 3 years in similar works (2 Mks)	
		Registration with EBK (1 Mks)	
c.	Site Supervisor/Foreman (Max 6 Marks)	Technical Qualification – Diploma (2Mks)	5

Item	DESCRIPTION		POINT Score (marks)
		Experience in years 7 years total, 5 years in similar works (2 Mks) Registration with relevant professional body NCA (1 Mks)	
d.	Mason	Technical qualification _ Grade Test, NCA ID (2 Mks) Experience in years (Min 3 years) (2Mks) Registration with relevant professional body; NCA (1)	5
e.	Plumber	Technical qualification _ Certificate (2Mks) Experience in years (Min 3 years) (2Mks) Registration with relevant professional body; NCA (1)	5
3	PLANT AND EQUIPMENT – (Edited as per requirement of the specific job – State the specific machinery required and how many)		Max 10
	Relevant Equipment	No. Equipment and Plant owned by the Company, Evidence of ownership or lease agreement for any related equipment Marks for each relevant equipment for the proposed works 1. Concrete Mixer (Capacity 0.5m ³) (1No.) , 2. Concrete dumper 0.5 cubic metre (1No.) , 3. Concrete vibrator poker type N.D. 40-90 mm (1No.) , 4. Tipper Truck 10 ton (1No.) , 5. Plate Compactor (1No.) , 6. Excavator or Back hoe (1No.) 7. Dewatering pump (1No.) , 8. Water bowser (10,000 -20,000 Litre (1No.) (1 Mk for each equipment)	10

Item	DESCRIPTION	POINT Score (marks)
4.	WORK METHODOLOGY	Max 30
	Program of works logically applicable to this task _To be revised to reflect that the best proposal with respect to the duration how long WKP anticipate the job will take gets the most marks	10
	TOTAL	MAX 100
	REMARKS	

NB:

1. Pass mark for technical evaluation will be **70%**
2. Waldorf Kakuma Project (WKP) will award the Contract to the tenderer whose tender is determined to be substantially responsive to the tender documents and who has offered the technically acceptable evaluated tender price.

SECTION III –TENDERING FORMS

(The tenderer to strictly use the provided formats in providing information. The pages may be replicated where more than one is needed)

FORM OF TENDER

TO: _____ [Name of Waldorf
Kakuma Project (WKP)]

[Date] _____

[Name] _____ of _____ Contract]

National Director,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above-named Works, we, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of:
Kshs. _____ [Amount in figures]
Kenya Shillings _____ (Amount in Words)
2. We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager's notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Conditions of Contract.
3. We agree to abide by this tender until _____ [Insert date], and it shall remain binding upon us and may be accepted at any time before that date.
4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 20 _____

Signature _____ in _____ the _____ capacity
of _____



Duly authorized to sign tenders for and on behalf of _____ *[Name of Waldorf Kakuma Project (WKP)]*

of _____ *[Address of Waldorf Kakuma Project (WKP)]*

Witness; Name _____ Address _____

Signature _____ Date _____

Email _____ Phone Number _____

TENDER QUESTIONNAIRE

Please fill in block letters.

1. Full names of tenderer
.....
2. Full address of tenderer to which tender correspondence is to be sent (unless an agent has been appointed below)
.....
3. Telephone number (s) of tenderer
.....
4. Email address of tenderer
.....
5. Name of tenderer's representative to be contacted on matters of the tender during the tender period
.....
6. Details of tenderer's nominated agent (if any) to receive tender notices. This is essential if the tenderer does not have his registered address in Kenya (name, address, telephone, telex)
.....
.....

Signature of Tenderer

CONFIDENTIAL BUSINESS QUESTIONNAIRE

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 2 (c) and 2 (d) whichever applies to your type of business.

You are advised that it is a serious offence to give false information on this Form.

Part 1 – General

Business Name
 Location of business premises; Country/Town.....
 Plot No..... Street/Road
 Postal Address..... Tel No.....
 Nature of Business.....
 Current Trade Licence No..... Expiring date.....
 Maximum value of business which you can handle at any time: Kshs.....
 Name of your bankers.....
 Branch.....

Part 2 (a) – Sole Proprietor

Your name in full..... Age.....
 Nationality..... Country of Origin.....
 *Citizenship details

Part 2 (b) – Partnership

Give details of partners as follows:

Name in full	Nationality	Citizenship Details	Shares
1.....			
2.....			
3.....			

Part 2(c) – Registered Company:

Private or public.....
 State the nominal and issued capital of the Company-
 Nominal Kshs.....
 Issued Kshs.....
 Give details of all directors as follows:
 Name in full . Nationality. Citizenship Details*. Shares.
 1.....
 2.....

3.....

4.....

Part 2(d) – Interest in the Firm:

Is there any person / persons in WKP who has interest in this firm? Yes/No..... (Delete as necessary)

I certify that the information given above is correct.

.....
(Name) (Title) (Signature) (Date)

- Attach proof of citizenship

EXPERIENCE FORM

Similar Construction and Contract Management Experience

Contract of Similar Size and Nature				
Contract No:		Contract Identification:		
Award Date:		Completion Date:		
Role in Contract	Main Contractor	Member in JV	Management Contractor	Subcontractor
Total Contract Amount	Ksh			
If partner in a JV or subcontractor, specify participation of total contract amount	Percent of Total	Amount		
Employer's Name Address Telephone/Fax Number E-mail				

Description of the similarity in key activities	
Amount	
Physical size of required works items	
Complexity	
Methods/Technology	
Construction rate for key activities	
Other Characteristics	

PERSONNEL FORM - 1

Tenderers should provide the names and details of the suitably qualified Contractor's Representative and Key Personnel to perform the Contract. The data on their experience should be supplied using the Personnel Form 2 below for each candidate.

Contractor's Representative and Key Personnel Schedule

1	Title of position*
	Name:
2	Title of position*
	Name:
3	Title of position*
	Name:
4	Title of position*

	Name:
5	Title of position*
	Name:
6	Title of position*
	Name:
7	Title of position*
	Name:
8	Title of position*
	Name:

PERSONNEL FORM - 2

Resume of Proposed Personnel

Name of Bidder:

Position:		
Personnel information	Name:	Date of birth:
	Address:	E-mail:
	Professional qualifications:	
	Academic qualifications:	
	Language proficiency:	

Present employment	Name of employer:	
	Address of employer:	
	Telephone:	Contact (manager / personnel officer)
	Fax:	E-mail:
	Job title:	Years with present employer

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project

Project	Role	Duration of involvement	Relevant experience
<i>[Name and main project details]</i>	<i>[role and responsibilities on the project]</i>	<i>[time in role]</i>	<i>[describe the experience relevant to this position]</i>

EQUIPMENT FORM

The Tenderer shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section II, Evaluation and Qualification Criteria. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Tenderer

Item of equipment		
Equipment information	Name of manufacturer	Model and power rating
	Capacity	Year of manufacture
Current status	Current location	
	Details of current commitments	
Source	Indicate source of the equipment ☐ Owned ☐ Rented ☐ Leased ☐ Specially manufactured	

Omit the following information for equipment owned by the Bidder.

Owner	Name of owner	
	Address of owner	
	Telephone	Contact name and title
	Fax	Telex
Agreements	Details of rental / lease / manufacture agreements specific to the project	

WORK METHODOLOGY

- **Site Organization**
- **Methodology Statement**
- **Mobilization Schedule**
- **Construction Schedule**
- **Safety, Environmental & Social safeguards**
- **Others**

SECTION V – BILLS OF QUANTITIES

(INSERT AFTER THIS PAGE OR ATTACH SEPARATELY)

“Waldorf Kakuma Project (WKP) reserves the right to accept or reject any Bid and is not bound to give reasons for its decision”.

1. CLASSROOM B.O.Q

S/NO.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<u>BILL OF QUANTITY FOR THE PROPOSED CLASSROOM COSTRUCTION</u>				
	<u>ELEMENT NO.1</u>				
	<u>SUBSTRUCTURE (ALL PROVISIONAL)</u>				
-	<u>SITE CLEARANCE</u>				
A	Clear site of grass, bushes, shrubs and small trees not exceeding 300mm girth including grubbing up roots, burn or cart away arisings.	Sm	55		
	<u>EXCAVATION AND EARTHWORKS</u>				
	<u>Excavations</u>				
B	Excavate oversite to remove vegetable soil average 150 mm deep; wheel and spreas on site n.e. 100 M away.	Sm	55		
C	Excavate for CHS column bases and strip footing commencing from reduced level and not exceeding 1.50m deep to drawing details.	Cm	18		
	<u>Disposal</u>				
D	Cart away from site surplus excavation spoil away to approved dumping sites.	Cm	11		

E	<u>Filling to make up levels</u>				
	-				
F	300mm Approved hardcore bed in making up levels well compacted.	Cm	15		
G	50 mm thick approved murram filling consolidated in layers to make up levels.	Sm	50		
	<u>Damp-proof membrane</u>				
H	1000 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured) nett-allow for laps).	Sm	50		
	<u>Plain concrete class 15 in:</u>				
	-				
I	50mm thick blinding strip footing and Column base	Sm	20		
	<u>Vibrated Reinforced Concrete Class 20/20mm (1:2:4) in:</u>				
	150mm thick strip footing	Cm	3		
Carried to collection				Ksh.	

	<u>Vibrated Reinforced Concrete Class 20/20mm (1:2:4) in:</u>				
A	150mm thick ground slab	Sm	50		
	<u>REINFORCEMENT</u>				
	<u>Fabric Mesh Reinforcement Type A to B.S. 1483</u>				
B	B.R.C fabric mesh ref. A142 weighing 2.22kg/ sq. metre, reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps), in surface bed.	Sm	50		
	<u>Bars; high yield steel; cold worked to BS 4461 including bends, hooks, tying wire and spacer blocks</u>				
	<u>Supply and fix steel bars in foundation concrete work including cutting, bending, hoisting, tying and supporting all in position as described in:</u>				
	12 mm diameter bars to strip footing	Kg	165		
	<u>Sawn formwork as described to:-</u>				
C	Edges of ground slab	Sm	10		
	<u>Plinth</u>				
D	12mm thick cement and sand (1:3) render to plinths	Sm	10		
E	Prepare and apply three coats bituminous paint to rendered plinths	Sm	10		
	<u>Masonry Walling</u>				

A	<i>Load bearing natural stones from approved quarry of minimum crushing strength 7N/mm² built to courses in cement/sand (1:3) sand mortar as described in:</i>				
	200 mm thick approved natural stone, well dressed laid over mortar (1:3) reinforced with hoop iron 500 gauge in every course	Sm	20		
Carried to collection				Ksh.	
	<u>COLLECTIONS</u>				
	Brought from.....	PG1			
	Brought from Above.....	PG2			
SUBSTRUCTURE - ELEMENT NO.1 CARRIED TO GRAND SUMMARY				Ksh.	
	<u>ELEMENT 02</u>				
	<u>SUPER STRUCTURE</u>				
	<u>WALLING</u>				
	-				
	<u>Masonry Walling</u>				
A	<i>Load bearing natural stones from approved quarry of minimum crushing strength 7N/mm² built to courses in cement/sand (1:3) sand mortar as described in:</i>				
	200 mm thick approved natural stone, well dressed laid over mortar (1:3) reinforced with hoop iron 500 gauge in every course	Sm	40		

	-				
	<u>Cladding</u>				
A	30g BP760 Boxed profiled sheets (Effective 762 mm wide) prepainted IT4-BP sheets 200mm end laps with self drilling screws/bolts fixed to steel sills, plate and nuts and roofing nails to timber joints.	Sm	60		
	<u>STRUCTURAL STEEL AND TIMBER</u>				
	Prices shall include for unloading, hoisting and fixing in position including requisite staging for erection, Allow for factory priming in lead oxide and touching up the priming and 2 coat duff grey on site. Prices should allow for fillet weld and welded connections.				
	<u>The following in Timber sill, girts and studs and steel columns including welded, hoisting and fixing in:-</u>				
B	100 x 50 mm(4"x2") timber to sill and girts	Lm	100		
C	75 x 3mm thick CHS black pipe Class A to Columns	Lm	60		
D	100 x 50 mm(4"x2") timber to studs	Lm	20		
WALLING - ELEMENT NO.2 CARRIED TO GRAND SUMMARY				Ksh.	
	<u>ELEMENT NO.3</u>				
	<u>ROOFING</u>				
A	30g BP760 Boxed profiled sheets (Effective 762 mm wide) prepainted IT4-BP sheets 200mm end laps with self drilling screws/bolts fixed to steel sills, plate and nuts.	Sm	90		
B	30 gauge Ridge cap and hip cap to match roof covering	Lm	5		
	<u>CARPENTRY</u>				
	<u>The following is sawn celcured cypres</u>				

	100x50mm prepainted cypress timber to Rafters 1800mm c/c	Lm	50		
A	Ditto, Kingpost, struts and tie beam	Lm	40		
B	75x50mm ditto to purlins 1200mm c/c	Lm	60		
C	200 x 25mm thick fascia board, Wrot cypress, prime grade.	Lm	30		
	<u>Paint and decoration</u>				
	<u>Prepare and apply one undercoat and two coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to: -</u>				
D	Fascias; 200 to 300mm girth; external	Lm	30		
ROOFING - ELEMENT NO.3 CARRIED TO GRAND SUMMARY				Ksh.	
	<u>ELEMENT NO.4</u>				
	<u>Openings</u>				
	<u>Door</u>				
	<i>Supply, transport, deliver and install the following mild steel door to Architect's approval Steel casement door comprising of 50x50x3mm thick RHS top and bottom vertical members with and including 3mm thick plate welded to RHS and 300mm wide louvres on the top. Door fixing lugs shall be included in the door frame and the rate shall include 50x50x3mm thick RHS framing all round the masonry opening, The door shall comprise all necessary ironmongery associated with it and apply undercoat, primer and two finishing coats and gloss paint, The engineer shall select the colour shade and code of the paint Gloss paint general metal surface</i>				

A	900x2100mm high single leaf door to eng. Details. Costs to include 50x25mm beading	No.	1		
	Windows				
B	Panelled windows 1500mm x1500mm	No.	5		
OPENINGS CARRIED - ELEMENT NO.4 CARRIED TO GRAND SUMMARY				Ksh.	
	<u>ELEMENT NO.5</u>				
	<u>INTERNAL FINISHES</u>				
	<u>Floor</u>				
A	12mm Thick coloured cement sand screed mix 1:3 finished to approval	Sm	50		
INTERNAL FINISHES - ELEMENT NO.5 CARRIED TO GRAND SUMMARY				Ksh.	
	<u>ELEMENT NO. 6</u>				
	<u>Store/kitchen works</u>				
	The following provisional items are to be measured and priced on after getting all the works required within the facility.				
A	Allow a provisional sum Two hundred thousand (ksh.200,000) for Wall cladding of the existing classroom to upgrade it to a store/kitchen as directed by the engineer	LS	1		
MECHANICAL - ELEMENT NO.6 CARRIED TO GRAND SUMMARY				Ksh.	
	<u>GRAND SUMMARY</u>				
	-				
I	SUBSTRUCTURE ELEMENT NO.1 B/F.....		PG2		

II	WALLING - ELEMENT NO.2 B/F.....		PG3		
II	ROOFING - ELEMENT NO.3 B/F.....		PG4		
IV	OPENINGS - ELEMENT NO.4 B/F.....		PG4		
V	INTERNAL FINISHES - ELEMENT NO.5 B/F.....		PG4		
VI	KITCHEN/STORE - ELEMENT NO.6 B/F.....		PG5		
	TOTAL FOR CLASSROOM			Ksh.	

2. SANITATION BLOCK B.O.Q

BOQ FOR CONSTRUCTION OF 2-DOOR VIP LATRINE AT LOCHORANGIKALALIO ECDE CENTRE					
<i>Notes: The contractor is reminded to visit the site before filling the tender to ascertain the extent of the conditions of site. All quantified works in the tender are provisional and payment shall be made based on the actual work executed at the site and agreed upon by all parties. The contractor is advised to constantly seek instructions from Waldorf's Engineer at each phase of the work and if required, before filling the tender. All unit rate shall be deemed to include all elements of supplying and construction work that is labour and other overheads eg. security, profit and overheads, cost of materials, wastages, transport etc.</i>					
ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	<u>SUB-STRUCTURE (ALL PROVISIONAL)</u>				
1.1	<u>Site clearance</u>				

	-				
	Clear site of grass, bushes, shrubs and small trees not exceeding 300mm girth including grubbing up roots, burn or cart away arisings.	20	SM		
1.2	<u>Excavation</u>				
	Excavate the pit (4200x 2500 mm) commencing from reduced level not exceeding 1.5 meters deep	15.75	CM		
	Ditto commencing from 1.5 m depth not exceeding 3.0 meters deep	15.75	CM		
	Ditto from 3.0 m not exceeding 4.5 m depth	15.75	CM		
	Ditto from 4.5 m not exceeding 6 m depth	15.75	CM		
	Excavate foundation trench around verandah slab not exceeding 800 mm depth	3	CM		
	Excavate in soil not exceeding 200 mm depth at ramp	0.7	CM		
	Extra over excavations for rock(All classes)	2	CM		
	Return, fill-in and rum selected excavated material around foundation walling.	15	CM		
	Remove and cart away from site surplus excavated material as directed	48	CM		
1.3	<u>Filling</u>				
	Supply and handpack 150 mm thick hardcore under verandah slab, apron and ramps	1.5	CM		

	50 mm thick murram blinding to surfaces of fill for ground regulation	10.0	SM		
	"Premise 200CC" insecticide treatment to surfaces of excavations applied as per manufacturer's instruction.	15	SM		
	<u>Damp-proof membrane</u>				
	500 gauge polythene or other equal and approved damp-proof membrane, laid over blinded hardcore (m.s) with 300mm side and end laps (measured) nett-allow for laps).	15	SM		
1.4	<u>Reinforcement</u>				
	-				
	<u>Fabric Mesh Reinforcement Type A to B.S. 1483</u>				
	B.R.C fabric mesh ref. A142 weighing 2.22kg/ sq. metre, reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps), in surface bed.	15	SM		
	<u>Bars; high yield steel; cold worked to BS 4461 including bends, hooks, tying wire and spacer blocks</u>				
	<u>Supply and fix steel bars in foundation concrete work including cutting, bending, hoisting, tying and supporting all in position as described in:</u>				
	12 mm diameter bars to strip footing at bottom of pit	85	KG		
	Ditto to column bases at bottom of pit	30	KG		

	Ditto to columns	100	KG		
	Ditto to tie beam	45	KG		
	Ditto to plinth beam	45	KG		
	10 mm diameter bars to strip footing at Plinth area	20	KG		
	Ditto to 150mm suspended slab	100	KG		
	8 mm bars to columns	50	KG		
	Ditto to tie and plinth beams	40	KG		
1.5	<u>Formwork</u>				
	<i>Sawn formwork to insitu concrete as described in:</i>				
	Sides of foundation columns; sides of tie beam	7.9	SM		
	Soffit of suspended floor slab	11.0	SM		
	-				
	Edges of ground floor slab	6.0	SM		
1.6	<u>Mass Concrete</u>				
	The contractor is reminded that all concrete works must be vibrated using a poker vibrator and all scheduling, dimensioning, bending and cutting of steel reinforcement for concrete to be as per BS 4466				
	<i>Plain concrete [class 15 (1:3:6)] as described in:</i>				

	50 mm thick concrete blinding to strip foundation and column bases	12.5	SM		
	<i>Vibrated reinforced concrete [class 20 (1:2:4)] as described in:</i>				
	200 x 200 mm foundation columns in latrine section	1.0	CM		
	Ditto to 200 x 200 mm tie beam	0.5	CM		
	600 x 200 mm strip footing at bottom of pit	1.5	CM		
	Ditto to 600 x 200 mm strip footing along privacy walling	0.6	CM		
	Ditto to 150 mm thick slab (inclusive of beams) allowing for latrine holes, air vents and manhole as indicated in drawing	2.5	CM		
	Ditto to 100 mm thick ramp slab	0.5	CM		
1.7	<u>Masonry Walling</u>				
	<i>Load bearing natural stones from approved quarry of minimum crushing strength 7N/mm² built to courses in cement/sand (1:3) sand mortar as described in:</i>				
	200 mm thick approved natural stone, well dressed laid over mortar (1:3) reinforced with hoop iron 500 gauge in every course	75.0	SM		
	TOTAL (SUBSTRUCTURE)				
2	<u>SUPERSTRUCTURE (ALL PROVISIONAL)</u>				
	-				
2.1	<u>Masonry Walling</u>				

	<i>Load bearing natural stones from approved quarry of minimum crushing strength 7N/mm² built to courses in cement/sand (1:3) sand mortar as described in:</i>				
	200 mm thick approved natural stone, well dressed laid over mortar (1:3) reinforced with hoop iron 500 gauge in every alternate course	40.0	SM		
	Provide for 25 mm wide bituminous based Damp Proof Course, BS743	20.0	LM		
2.5	<u>Roofing</u>				
	<i>The following in second grade pressure impregnated cypress timber trusses including nails, lappers, and all necessary fixtures for assembly and hoisting to position as per roofing details:</i>				
	100 x 50 mm wall plates	15.0	LM		
	Ditto to rafters	20.0	LM		
	50 x 50 mm purlins @ 600 mm c/c	20.0	LM		
	200 x 25 mm fascia board cut to shape	20.0	LM		
	150 mm pvc vent pipe 3000 mm long	1.0	NO		
	<i>Supply and install GCI gauge 30 prepainted blue iron sheets as described in:</i>				
	Roof covering not exceeding 10° from horizontal; fixing to timber structure with roofing nails and neoprene washers	20.0	SM		
	TOTAL (SUPERSTRUCTURE)				

3	<u>FINISHING WORKS (ALL PROVISIONAL)</u>				
3.1	<u>Welding Works</u>				
	<i>Supply and fix 900 x 2100 mm steel door as described in:</i>				
	Disability-friendly door fitted with handrail at a height of 750 mm	2.0	NO		
	<i>Supply and fix pre-fabricated ventilation window complete with medium gauge wire mesh and fly-trap screen as described in:</i>				
	500 x 300 mm to rear side	2.0	NO		
	<i>Allow for hand rails 50 mm Ø x 2 mm at a height of 750 mm above finished floor level as described in:</i>				
	Ramp section, edge of slab, corridor walling and PLWD grip support as indicated in drawing	1.0	ITEM		
3.3	<u>Wall Finishing</u>				
	25 mm thick cement/sand plaster (1:3) to internal and external walls	50.0	SM		
	Provide keys to external walling at rear section	5.0	SM		
3.4	<u>Floor Finishing</u>				
	25 mm thick cement/sand screed (1:3) trowelled smooth with a 3 mm cement/red	20.0	SM		

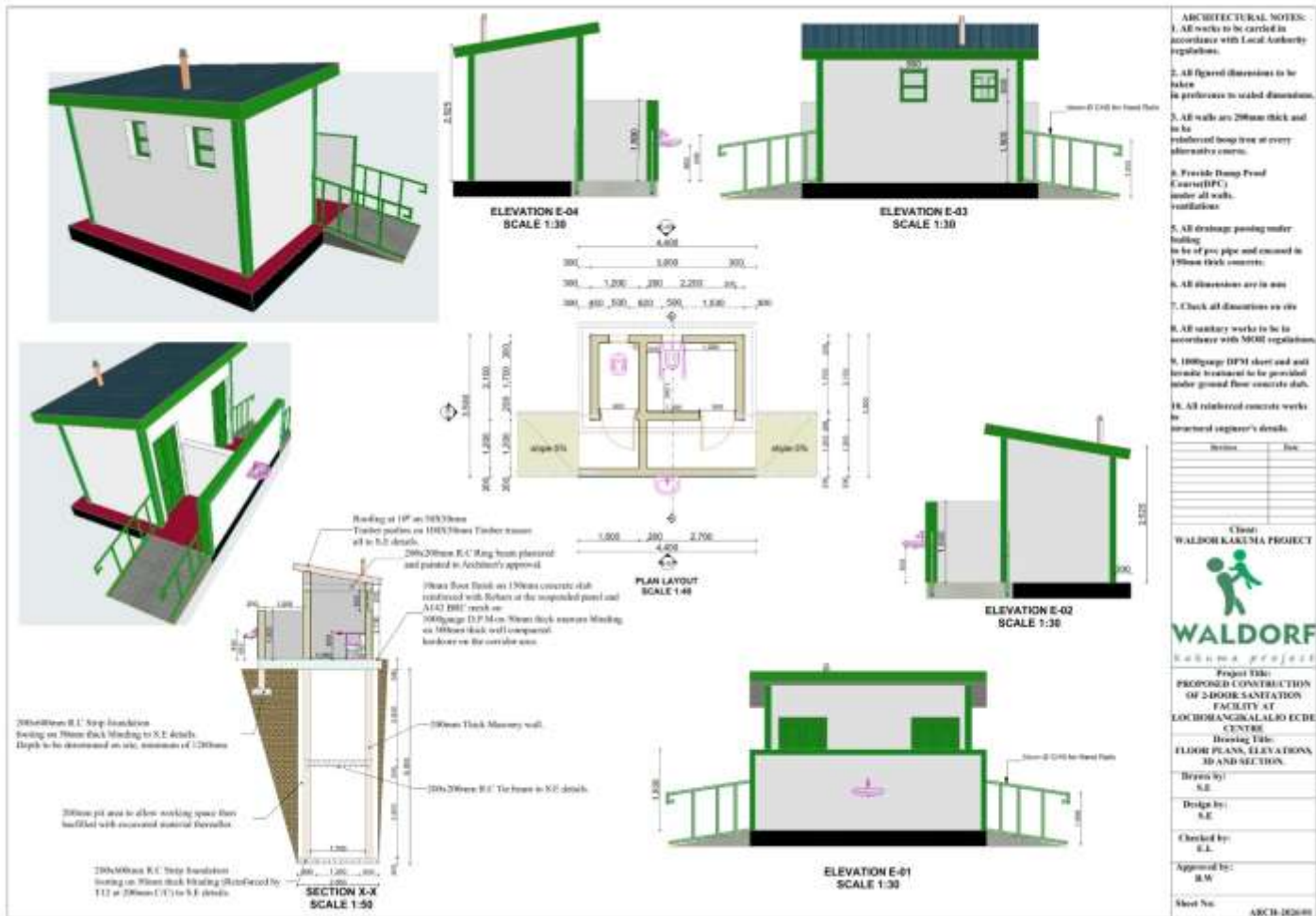
	oxide finishing coat; floor of ramp to be left rough				
3.6	<u>Painting Works</u>				
	Apply 1 coat of undercoat paint and 2 coats of black bituminous paint to external and internal plinth sections as shown in drawing	10.0	SM		
	<i>Apply 2 coats of undercoat paint and 2 coats of silk vinyl emulsion paint as described in:</i>				
	Soft white paint to internal and external wall surfaces	40.0	SM		
	Green paint to lintel beam and column sections as indicated in drawing	4.0	SM		
	<i>Apply 1 coat of undercoat paint and 2 coats of gloss paint to metallic and wood surfaces as described in:</i>				
	Green paint to doors, ventilations and handrails	12.5	SM		
	Green paint to fascia board	3.0	SM		
3.7	<u>Disability-friendly Items</u>				
	Supply and install disability friendly seating stool preferably SATO 203 stool [548mm (L), 460mm (W), 304.8mm (H)] on a moulding 100 mm high allowing for drainage	1.0	NO		
	Supply and install an inclusive and accessible handwashing Basin equipped with push taps and inclusive hygiene signage to Engineer's description	1.0	NO		

	TOTAL (FINISHING WORKS)				
	TOTAL FOR PIT LATRINE WORKS				

SECTION VI – TECHNICAL DRAWINGS
(INSERT AFTER THIS PAGE OR ATTACH SEPARATELY)

“Waldorf Kakuma Project (WKP) reserves the right to accept or reject any Bid and is not bound to give reasons for its decision”.

1. SANITATION BLOCK DRAWING



2. CLASSROOM DRAWING

