Ethiopian Center for Disability and Development (ECDD)
Accessibility Modification Construction Works

Posted Date: 26 January 2026

Deadline: 3 February 2026

INVITATION TO BID

I. BACKGROUND

Ethiopian Center for Disability and Development (ECDD) is an Ethiopian Development Organization established in 2005 and reregistered at the Agency for Civil Society Organizations as Ethiopian Development Civil Society Organization with Certificate № 0321 under the Proclamation № 1113/2019. ECDD is working with other organizations to promote and facilitate the inclusion of persons with disabilities and disability issues in mainstream service delivery and development programs envisioning an Inclusive Ethiopia where persons with disabilities exercise the same rights and have access to the same services and opportunities enjoyed by other citizens.

ECDD is implementing a consortium project led by Fayyaa Integrated Development Organization (FIDO), titled "Integrated Multi-Sector Lifesaving Humanitarian Assistance for People Affected by Critical Malnutrition and Education Needs" in Diga and Kiremu Woredas of East Wollega Zone, Oromia Region.

Based on the barriers identified by the accessibility auditors, the project will support the improvement of university infrastructure's accessibility (Disability friendly) by undertaking accessibility modification construction works in selected areas of the school and health center's compound is to demonstrate the accommodations and modifications required for students with disabilities to participate fully and to show a model for the university community where they will practice for their future construction projects.

Project Title:	Integrated Multi-sector Lifesaving Humanitarian Assistance for People Affected by Critical Malnutrition and Education needs in Diga and Kiramu Woredas of East Wollega Zone in Oromia Region, Ethiopia
Donor:	HF-FIDO- ECDD Project
Activity Description:	Activity 1.2.3: Conduct an accessibility audit and make modifications to health, WASH, and nutrition facilities to improve usability for persons with disabilities.
Activity Code:	211-64190-0531

As part of the project, ECDD seeks to conduct accessibility modification construction work at **Kolobo Primary School Lot 1 and IFA Health Center under Lot 2**. Thus, ECDD is looking for a qualified

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and interested bidder to provide accessibility modification construction works in the aforementioned public institution.

The following are the requirements:

1. Contractors Licensed in **GC/BC Grade 6** and above are eligible to participate in the BID. The License should be Valid for the Year 2017 Ethiopian Calendar with **proven experience** in similar works (sanitary works, ramps and curb construction…)
2. Bid documents, including the technical documents with all necessary information, must be completed and submitted in hardcopy to the ECDD Office in Addis Ababa by 17 October 2025.
3. A Contractor who is undertaking a construction project for the Ethiopian Center for Disability and Development (ECDD) with a performance/progress of less than 80% is not eligible for this bid.
4. A contractor at an organizational or individual level with a history of child or adult abuse, gender-based violence, and other safeguarding-related issues is not eligible for this bid.
5. The bidder shall seal the **original financial**, **the original technical**, **the copy of the financial**, and **the copy of the technical** of the bid document in separate envelopes, duly marking the envelopes as "ORIGINAL FINANCIAL", ORIGINAL TECHNICAL", "COPY FINANCIAL" and "COPY TECHNICAL" as appropriate and also marking the project name, location, contractor's contact information on each sealed envelope. Then compile the four separately sealed documents in a single master envelope marking the project name, location, and contractor's contact information and forward it to ECDD.
6. The bidder shall present bank advice with a copy of renewed trade license, Tax Clearance Certificate, and VAT Registration Certificate.
7. The bid document can be accessed from the *ethiojobs.net website*, or ECDD Headquarter located in Addis Ababa City during office hours (Monday to Friday 8:30 AM to 5:00 PM).
8. All Bidders can participate for **both lots** and ECDD may award **two lots for one bid winner contractor**
9. ECDD will open the BID in the presence of bidders. The bid opening date will be notified to all bidders via e-mail or phone call but **ECDD will open the bid either invited bidders attended or not during bid opening event.**
10. ECDD reserves the right to accept or reject any of the Bid and to reject all Bids at any time prior to the award of the contract.
11. Bidders may obtain further information from the Ethiopian Center for Disability and Development (ECDD) at its head office in Addis Ababa.

Note:

1. Contractors with experience working in the target area and those based in Diga Woreda, Wellega will be given a competitive advantage (preference or a higher chance of being selected compared to others).
2. Contractors who have employees with disabilities are encouraged and will receive an additional 3% competition credit if they provide evidence that they have employees with disabilities.

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All applicants can find the attached BOQs and Tender Document on the ECDD Website (*www.ecdd-ethiopia.org*), at ECDD's Addis Ababa office or at Nekemte ECDD's Office and submit the document to ECDD's Headquarter Office, Addis Ababa. To access the documents from the website, please follow this procedure: click on "Get involved," then click on "Tender" after opening the website.

ADDRESSES:

1) **ECDD Head Office**:

Debre Zeit Road, Beklobet (around the former Global Hotel), in front of the Ethiopian Revenue Authority Addis Ababa Medium Tax Payers Office, in the building where Amhara Bank and CBE are located. ECDD's office is on the third floor of the same building. P.O. Box- 1530 Code 1250, Tel. +251-11-4168884; E-mail: info@ecdd-ethiopia.org, Website: www.ecdd-ethiopia.org, Addis Ababa, Ethiopia

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Ethiopian Center for Disability and Development Association

Ethiopian Center for Disability and Development (ECDD)

ETHIOPIAN CENTER FOR DISABILITY AND DEVELOPMENT (ECDD)

Project Title:	**Integrated Multi-sector Lifesaving Humanitarian Assistance for People Affected by Critical Malnutrition and Education needs in Diga and Kiramu Woredas of East Wollega Zone in Oromia Region, Ethiopia.**
Donor:	EHF-FIDO- ECDD Project
Activity Description:	Activity 1.2.3: Conduct an accessibility audit and make modifications to health, WASH, and nutrition facilities to improve usability for persons with disabilities.
Activity Code:	5211-64190-0531

TENDER DOCUMENT

Accessibility Modification Construction works in Kolobo Primary School Lot 1 and IFA Health Center under Lot2

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26 January, 2026
Addis Ababa

CONTENTS

1. CONTRACT AGREEMENT (will be Modified)

THIS AGREEMENT made the _____day of _____2025 between **Ethiopian Center for Disability and Development (ECDD)** (hereinafter called "the **Employer**") of the one part and _____*(hereinafter called "the **Contractor**")* of the other part.

Ethiopian Center for Disability and Development has accepted the Contractor to conduct accessible modification construction works.

NOW, THIS AGREEMENT WITNESS AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and constitute as part of this Agreement, viz.:-
   a) Contract Agreement
   b) General condition of the Contract
   c) Instruction to the bidder
   d) Technical Specification
   e) Bill of Quantity
   f) The Bill of Quantity and unit price
3. The Contractor shall undertake **Accessibility modification construction work for Kolobo Primary School Lot 1 and IFA Health Center under Lot 2. Wellega Oromia Region,** with the "General Conditions of the contract" and "Specifications".
4. The total contract amount is Ethiopian Birr (_____). The total amount is the sum of the contract amounts of all works items, overheads, Value Added Tax and others including mobilization and inter sites mobilizations.
5. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned the Contractor hereby covenants with the Employer to execute the Works in conforming in all respects with the provisions of the Contract Agreement.
6. The Employer hereby covenants to pay the Contractor in consideration of the execution of the Works, the Contract price at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused their respective Common Seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day, year first above written

FOR THE CONTRACTOR

Name: _____

Position: _____ SEAL

Signature: _____

Date: _____

FOR THE EMPLOYER

Name: _____

Position: _____ SEAL

Signature: _____

Date: _____

WITNESSES

1. _____

2. _____

3. _____

- **The Agreement will be modified during the Contract Awarding**

GENERAL CONDITIONS OF THE CONTRACT

2.1 DEFINITIONS

In the Contract (as hereinafter defined) the following words and expressions shall have the meanings hereby assigned to them except where the context otherwise requires:

A. The "Employer" is **Ethiopian Center for Disability and Development (ECDD)** which called for a Tender to build or construct, erect, or deliver the works and who will employ the Contractor and the legal successors.

B. The "Contractor" is the firm or whose tender has been accepted by the Employer and includes the Contractor's personal representatives, successors, and permitted assignees.

C. The "Engineer" is.....or any other competent person appointed by the employer, and notified to the Contractor, to act in replacement of the Employer.

D. "Engineer's Representative" means any resident engineer or assistant of the Engineer or any clerk of works appointed from time to time by the Employer or the Engineer.

E. "Works" means the works to be executed in accordance with the Contract.

F. "Contract" means the Condition of Contract, Drawings, Priced Bill of Quantities, Schedule of Rates and Prices (if any), and the Contract Agreement.

G. "Contract Price" means the sum named in this Contract subject to such additions thereto or deductions therefrom as may be made under the provisions hereinafter contained.

H. "Drawings" means the drawings referred to in the specification and any modifications of such drawings approved in writing by the Engineer and such other drawings as may from time to time be furnished or approved in writing by the Engineer.

I. "Location" means the lands and other places on, under, in, or through which the works are to be executed or carried out and any other lands or places provided by the Employer for the purpose of the Contract together with such other places as may be specifically designated in the Contract as forming part of the location.

J. "Approved" means approved in writing including subsequent written confirmation of previous verbal approval and "approval" means approval in writing including as aforesaid.

2.2 ENGINEER'S DUTIES AND AUTHORITY

The Engineer shall obtain the specific written approval of the Employer before taking any of the following actions.

A. Approving subletting of any part of the works.

B. Certifying additional cost.

C. Determining an extension of time.

D. Issuing a variation, except:

(i) In an emergency situation, as reasonably determined by the Engineer; or

(ii) If such variations would increase the Contract price by less than 0.5% (half a percent).

2.3 SUB-CONTRACTING

The Engineer shall have the right at any time to withdraw his consent to the employment of any Sub - Contractor previously given, if he thinks such action is desirable for the proper execution of the Works and/or in the interest of the Employer.

2.4 LANGUAGES AND LAW

(a) The language in which the Contract Documents shall be drawn up, and in which all subsequent written communications shall be carried out in the English language. The Ruling Language is English.

(b) The validity, interpretation, and execution of the Contract shall be in accordance with the relevant laws of Ethiopia. The Contract shall be deemed to be an Administrative Contract as specified in Articles 3131 e't seq. of the Civil Code of Ethiopia.

2.5 CONTRACTOR'S GENERAL RESPONSIBILITIES

Some of the contractor's responsibilities but not limited are;

2.5.1 "The Contractor shall promptly notify the Employer and the Engineer of any error, omission, fault or any other defect in the design of or specifications for the works which he discovers when reviewing the Contract Documents before construction begins."

2.5.2 **Local Workforce Employment and Experience**

The Contractor is encouraged, to the extent practicable and reasonable way, to hire laborers from areas near the project site or employ staff with prior experience working in the project location (**Kolobo Primary School Lot 1 and IFA Health Center under Lot 2. Wellega Oromia Region,**). This must be justified in the technical offer, and the bidder shall provide legal evidence or supporting documents verifying the employee's previous work location. Acceptable documents include employment letters, recommendation letters, or any other relevant proof.

A contractor with experience working in the target area and based in **Wellega, Nekemte town or nearby, Oromia Region** will be given a competitive advantage.

2.5.3 The whole of the Work shall be completed within the time periods indicated in the Contractor's approved Programme of Work; however, such periods shall be less than the maximum times for completion as specified by the Employer, subject to the provisions for extension of time.

2.5.4 The granting of additional time to complete the work pursuant to this Clause shall not give the Contractor grounds to make any claims whatsoever for additional payment.

2.5.5 Carry out all expected work with high quality and standard construction work products by conducting necessary concrete tests to maintain the desired concrete strength.

2.5.6 Report each progress of construction works to the employer or consultants via written reports and also send pictures of the work regularly

2.5.7 Discuss with the Engineering Department/Employer's Engineer and project coordinator the behaviour of the construction before construction is started

2.6 CERTIFICATES AND PAYMENT

2.6.1 The Contractor shall submit to the Engineer **payment certificate of three (3) copies** of a statement in a format approved by the Engineer, showing the actual contract value of the works executed, provided that such value exceeds the minimum number of interim certificates. The Contractor will be paid on the basis of the Engineer's Payment Certificate approval stating the amount due to the Contractor on account of the actual contract value of the works executed. Payments shall be subject to all deductions that the Employer is entitled to make under the provisions of the Contract and subject also to the retention of five (5) percent hereinafter called Retention Money.

2.6.2 Within ten (10) days of the Taking-Over Certificate, the Contractor shall send to the Engineer three (3) type-written copies of his **Final Statement** which shall be detailed in a form **similar to that of the Bill of Quantities**. The measurements and rates shown therein shall be those determined in accordance with the provisions of the Contract. In the event that there are items outstanding for determination, an appropriate reference shall be made to them in the aforesaid Final Statement and, as soon as possible after their determination, those items and any other outstanding items shall be entered in a supplement to the Final Statement, three (3) copies of which shall also be sent to the Engineer.

2.6.3 The Retention Money will become due and will be paid to the Contractor within one year after the Engineer has issued the Taking-Over Certificate. The remainder of the Retention Money will be paid to the Contractor within fifteen **(15 - 30)** days after the expiration of the Defects Liability Period, notwithstanding that at such time there may be outstanding claims by the Contractor against the Employer. Provided always that if at such time there remains to be executed, by the Contractor, any works ordered during such period the Employer shall be entitled to withhold payment, until the completion of such works, of the amount that, in the opinion of the Engineer, represents the cost of the remaining works.

2.7 ADVANCE PAYMENT

2.7.1 Application for an Advance Payment may be made to the Employer by submission of a **written application letter with thirty percent (30%) of the total contract amount advance bank guarantee** and **ten percent (10%) of the total contract amount for performance guarantee** from the Contractor at the time of signing the Contract Documents. The Advance Payment shall be for an amount equal to thirty (30%) percent of the Total Contract Amount.

2.8 CURRENCY AND PAYMENT

2.8.1 Final payment will be done after checking all functionality of the work. Payment upon each Payment Certificate will be made within seven (15) days after the Employer's receipt of such Certificate.

2.8.2 If the Employer fails to make any payment upon a Payment Certificate when it is due, the Contractor shall be at liberty, without prejudice to any other remedy, after giving to the Employer seven (15) days written notice of his intention to do so, to stop the works or any part thereof until the said payment is made. The expenses of the Contractor occasioned by the stoppage and subsequent resumptions of work will be reimbursed by the Employer where such stoppage was due solely to the Employer failing to make the payment when it was due.

2.9 TAXES AND CUSTOMS DUTIES

2.9.1 The unit prices in the Bill of Quantities are deemed to have been established taking into account the prevailing Government taxes.

2.10 LIABILITIES AND INSURANCE

2.10.1 The Contractor shall be responsible for the care of the work and shall at his cost make good any damage which may happen to the work or temporary work from any cause, except that solely due to EMPLOYER's plan of the work or that due to war or civil commotion.

2.10.2 The CONTRACTOR shall be responsible for all claims for injuries or damage to any person or property, which may arise out of the execution of the work, except those resulting from the act of default of Employer or his agents or servants.

2.10.3 The Employer shall not be liable for any damages or compensation as a consequence of any accident or injury to any person employed by the CONTRACTOR in connection with the execution of the Work.

2.11 FORCE MAJEURE

2.11.1 If either party is temporarily unable by reason of force measure or the law or regulation of Ethiopia to meet any of its obligations under the Contract, and if such party gives to the other party written notice of the event within seven (7) days after its occurrence, such obligations of the party as it is unable to perform by reason of the event shall be suspended as long as the inability continues.

2.11.2 Neither party shall be liable to the other party for loss or damage sustained by such other party arising from any event referred to in clause 3.11.1 or delay arising from such event.

2.11.3 The term "Force Majeure" as employed herein shall mean Acts of God or natural clematis, strikes, lock-outs, or other industrial disturbances, acts of the public enemy, wars, blockades, earthquakes, storms, lightning, floods, wash-outs, civil disturbances, explosions, and any other similar events, beyond the control of either party and which by the exercise of due diligence neither party is able to overcome.

2.12 Variation of the Work

2.12.1 Authorization and Approval

The Engineer (not the supervisor) may issue a written order for variations in the quality or quantity of the work if deemed necessary for the satisfactory completion of the project and within the available budget. The Contractor shall execute such variations only after obtaining formal approval from the Employer. All variation work orders must be documented with officially approved letters signed by both parties.

2.12.2 Valuation of Variations

If applicable, variations shall be valued based on the rates specified in the Contract. If no such rates exist, the valuation will be determined through mutual agreement between the Employer and the Contractor. In the absence of an agreement, the Employer shall establish reasonable rates.

2.13 REJECTION

2.13 If, at any time before the Work is accepted by the Engineer, the Engineer determines that any work performed by the CONTRACTOR is defective, not in accordance with the specifications, or does not fulfill the requirements of the Contract, the CONTRACTOR shall promptly, at their own expense, address the specified defects. This includes removing all defective sections of the work and rebuilding them to a high standard in accordance with the specifications outlined in the Contract.

2.14 DELAYS IN COMPLETION

2.14.1 If the CONTRACTOR fails to complete the Work in accordance with the Contract within the time specified by the Contract, there shall be deducted from the Contract Amount as and for liquidated and ascertained damages a sum of money equal to **one-fifth percent (1/5%) of the Contract Amount** for each day between the date of completion of the Works stipulated in the Clause 19 and the actual date of completion. Such deduction shall be in full satisfaction of the CONTRACTOR's liability for the said failure.

2.15 CERTIFICATE OF COMPLETION OF THE WORK /PROVISIONAL ACCEPTANCE

2.15.1 After the whole construction work is completed and submitted by the CONTRACTOR, the Engineer shall check the construction works within fourteen (14) days, and if the Engineer is satisfied with the results,

he will issue a Certificate of Completion or provisional acceptance of the Works. In case the Engineer finds any discrepancies and defects, the Engineer shall inform the CONTRACTOR and the CONTRACTOR shall carry out supplemental works to the satisfaction of the Engineer at his own cost.

2.16 DISPUTES

2.16.1 If any dispute on difference arises between the Engineers assigned by the Employer and the CONTRACTOR in connection with the Contract, it shall be settled by the Employer. The employer as well as the contractor shall state the issue in a written form.

2.16.2 If the CONTRACTOR is dissatisfied with any such decision of the Engineer & Employer, then he may require, within one month that the matter be referred to an arbitrator, to be agreed upon between the parties, or failing agreement, to one nominated by the Bureau. The award of the arbitrator shall be final and binding on the parties.

Evaluation and Qualification Criteria

This section describes the methods and criteria that the Employer shall use to evaluate a bid and determine whether a bidder has the required qualifications. No other factors, methods, or criteria shall be used.

1. Qualification Criteria

STAGE – I Preliminary Evaluation

Prior to the detailed technical evaluation for responsiveness of the bidding document, the Employer will determine based on ITB 4.3 and 4.4 (standard bid document) whether each Bid meets the eligibility criteria defined in the bidding document (both bid announcement & tender document) and is responsive to the requirements of the bidding documents, which lead to rejection or non-responsiveness or not to be considered to qualification;

Offers that have scored nonresponsive in any one of the items specified in the preliminary evaluation criteria below (Table 3.1) will be REJECTED.

STAGE – I PRELIMINARY EVALUATION

Table 3.1

Bidders	1	2	3	4
	Renewed grade licenses for the current year	**Renewal of license from Bureau of Trade & Industry for the current year**	**Bidders Construction license grade**	**Eligibility**
1				
2				
3				
4				
5				
6				
7				
8				

Note: - R = Responsive, NR = Non-Responsive

STAGE - II FINACIAL EVALUATION

All responsive bidders who are responsive in preliminary evaluation will pass to the financial evaluation after Arithmetic check of each bidder's financial proposal. The financial evaluation has 30 % value from 100 percent.

STAGE - III TECHNICAL EVALUATION

Technical Evaluation criteria (70%)

1. General Experience (40%)

1.1. Experience in similar work (20pts)

The bidder must demonstrate prior experience in similar construction projects. Supporting documents, such as contracts, completion certificates, or reference letters, should be provided as evidence.

1.2. Human Resource (5pts)

Bidders are highly encouraged to the extent practicable and reasonable way to employ laborers and manpower from the nearby locations of the project sites (**Nekemte, Wellega**) or to hire personnel with prior experience working in the project location **around Nekemte**, Wellega Zone. This should be supported in the technical proposal with legal evidence, such as an employment contract, recommendation letter, or other official documents. The employment contract must be authenticated by the local labor and affairs government office.

1.3. Equipment's & Machineries (5pts)

Bidders shall provide proof of equipment ownership, such as vehicle/machinery registration documents (e.g., "libre") or lease agreements, to demonstrate access to the necessary resources for project execution. Those who have single machinery shall have 1/5 and those with more machineries will get higher point.

1.4. Performance Recommendations (5 points)

Bidders who provide recommendations from previous clients or authorities attesting to their high performance and reliability are advantageous. Those who provide 5 different projects recommendation letter will get full point

1.5. Other Construction Experience (5 points)

Bidders may submit evidence of other relevant construction projects completed successfully, which will be considered in the evaluation.

2. Proposed Methodology (10%)

2.1 Detail Description of Methodology and Approach (5 pts)

2.2 Submission of proposed detail schedules (5pts)

The value (point) will be determined by how the submitted documents (mentioned in 2.1 and 2.2) are described in detail.

3. Working capital (10%)

Bidders must provide evidence of sufficient working capital to demonstrate financial capacity. This can be proven through one of the following:

. Bank Transaction History:

Submit bank statements showing transactions over the last six months, counted from the date of the bid announcement. The evaluation points will be assigned based on the amount of financial transactions recorded.

. Bank Guarantee:

Provide a bank guarantee that remains valid for at least three months after the bid announcement date. The guarantee amount must be at least 30% of the bidder's financial proposal.

Note: Bidders must meet at least one of the above requirements to qualify for full points in this category.

4. Delivery and warranty should be clearly mentioned (10%)

Bidders must clearly specify the **completion/delivery period** and submit a **detailed warranty statement** for all construction works, materials, and equipment.

The warranty statement must include:

- **Warranty Duration**: A minimum of **12 months** warranty period starting from the date of **provisional acceptance**.
- **Scope of Warranty**: Coverage for defects in materials, workmanship, and performance, including the obligation to repair or replace faulty work at no additional cost during the warranty period.
- **Contractor's Responsibility**: A written commitment to respond to and rectify (address) any issues raised during the warranty period at no additional cost.

Note: A **5% retention** from the total contract amount will be held by ECDD for **one year after provisional acceptance** as a performance guarantee during the defect liability period. Failure to provide a clear and detailed warranty statement will result in **lower evaluation points** under this criterion.

5. The selected bidder will be requested to submit 30% Advance bank guarantee and 10% performance bank guarantee.

6. The selected bidder shall revise BOQ, design, and approve it in a formal written letter before starting any construction work.

Note:

1. Contractors with experience working in the target area and those based in Nekemte, Wellega will be given a competitive advantage (preference or a higher chance of being selected compared to others).

2. Contractors who have employees with disabilities are encouraged and will receive an additional 3% competition credit if they provide evidence that they have employees with disabilities.

A consistent history of litigation or arbitration awards against the Applicant or any partner of a Joint Venture may result in disqualification from this bidding process.

Ethiopian Center for Disability and Development (ECDD)

Client: Ethiopian center for Disability and Development (ECDD)

Project:

Donor: OCHA

Institution: IFA Health Center, Wollega Zone Diga Woreda - Lot 2

Lot 2

Summary of BOQ

No	Items	Unit	Amount
1	**Ramp Construction**	Birr	
2	**Mud Wall Renovation/Maintenance**	Birr	
3	**Signage**	Birr	
	Total Amount	Birr	
	Rebate (_____)		
	Total Amount After Rebate		
	VAT 15%	**Birr**	
	Grand Total	**Birr**	

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Ramp Summary of BOQ IFA Health Center, Wollega Zone Diga Woreda - Lot 2			
No	**Items**	**Unit**	**Amount**
1	Entrance ramp with landing at Card Room (0.45x1.5x9m)	Birr	
2	Walkway Construction at OPD, Injuction Block (0.15x2x3m)	Birr	
3	Walkway construction at waiting room entrance (5x2m)	Birr	
4	Walkway Construction from OPD to Antinatal & Family planning Block (0.13x1.5x3m)	Birr	
	Total Ramp Summary		

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Ethiopian Center for Disability and Development (ECDD)

Specification & Bill of quantities for IFA Health Center, Wollega Zone Diga Woreda - Lot 2

Entrance ramp with landing at Card Room (0.45x1.5x9m)

Item	Description	Unit	Qty.	Rate	Amount
	1.Exacavation & earth work				
1.1	Clear the site to an average depth of 200mm and chisel the existing ramp surface	m^2	13.50		
1.2	demolish the existing ceramic floor stair	m2	0.00		
1.3	Bulk Excavation with 20cm depth for stone masonry and hardcore without working space	m^3	0.00		
1.4	Trench excavation for masonry with no working space	m3	3.78		
1.5	Back fill with non expansive material & compact in layers not exceeding 40cm thickness including excavation for hard-core	m^3	1.26		
1.6	250mm thick basaltic or sound approved stone Hard core and blinded with 20mm crushed aggregate.	m^3	2.25		
1.7	Fill under hard-core to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^2	9.00		
1.8	Cart away surplus excavated material to a distance not exceeding 5km from the site.	m^3	6.48		
	Total Carried to Summary				
	2. Concrete work				
2.1	Reinforced Concrete class C-25, 400kgs of cement /m3 of concrete filled into form work and vibrated around steel reinforcement (Form work and Rebar measured separately). Rebar Grade -40				
	In 25mm thick lean concrete C-5 concrete grade under masonry	m^2	1.35		
	In 100mm thick Ramp C-25 RC slab. The top surface of the ramp should be rough to avoid a slippery surface.	m3	0.90		
2.2	Steel reinforcement according to structural drawings including cutting, bending, tying wires & placing in position.				
	Φ8mm c/c 300mm deformed bar	Kg	63.95		
	Total Carried to Summary				
	2. Form Work				
3.1	2.5mm thick formwork for Ramp and landing, 15cm formwork	m^2	1.80		
	Total Carried to Summary				
	4. Stone Masonry				
4.1	400mm thick hard trachytic or equivalent masonry stone foundation wall bedded on cement & sand mortar mix (1:4) ratio below ground level and Apply three coats of plaster in cement mortar (1:4) up to fine finish to all internal wall surfaces. Plastering work shall include all surface pre-cleaning preparation,chiseling, polishing and cleaning at the end of finishing work.	m^3	2.16		
	Total Carried to Summary				
	5. Metal work				
5.1	Provide and fix a 50mm diameter and 3mm thick circular horizontal handrail at a height of 0.1m, 0.7m, and 0.9 mounted from the finished floor surface level on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	27.60		
5.2	Provide and fix 40mm diameter and 3mm thick circular vertical hand rail with a height of 0.9m from finished floor surface and C/C 0.9m mounted on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	11.00		
	Total Carried to Summary				
	Total Summary for One Ramp				-

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Specification & Bill of quantities for IFA Health Center, Wollega Zone Diga Woreda - Lot 2					
Ramp Construction at OPD, Injuction Block (0.15x2x3m)					
Item	**Description**	**Unit**	**Qty.**	**Rate**	**Amount**
	1.Exacavation & earth work				
1.1	Clear the site to an average depth of 200mm and chisel the existing ramp surface	m^2	6.00		
1.2	demolish the existing ceramic floor stair	m2	0.00		
1.3	Bulk Excavation with 20cm depth for stone masonry and hardcore without working space	m^3	0.00		
1.4	Trench excavation for masonry with no working space	m3	0.00		
1.5	Back fill with non expansive material & compact in layers not exceeding 40cm thickness including excavation for hard-core	m^3	0.00		
1.6	250mm thick basaltic or sound approved stone Hard core and blinded with 20mm crushed aggregate.	m^3	0.60		
1.7	Fill under hard-core to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^2	0.00		
1.8	Cart away surplus excavated material to a distance not exceeding 5km from the site.	m^3	1.20		
	Total Carried to Summary				
	2. Concrete work				
2.1	Reinforced Concrete class C-25, 400kgs of cement /m3 of concrete filled into form work and vibrated around steel reinforcement (Form work and Rebar measured separately). Rebar Grade -40				
	In 25mm thick lean concrete C-5 concrete grade under masonry	m^2	2.68		
	In 100mm thick Ramp C-25 RC slab. The top surface of the ramp should be rough to avoid a slippery surface.	m3	0.60		
	10x15cm curbstone	m3	0.09		
2.2	Steel reinforcement according to structural drawings including cutting, bending, tying wires & placing in position.				
	Φ8mm c/c 300mm deformed bar	Kg	25.68		
	Total Carried to Summary				
	2. Form Work				
3.1	2.5mm thick formwork for Ramp and landing, 15cm formwork	m^2	0.75		
	Total Carried to Summary				
	4. Stone Masonry				
4.1	400mm thick hard trachytic or equivalent masonry stone foundation wall bedded on cement & sand mortar mix (1:4) ratio below ground level and Apply three coats of plaster in cement mortar (1:4) up to fine finish to all internal wall surfaces. Plastering work shall include all surface pre-cleaning preparation,chiseling, polishing and cleaning at the end of finishing work.	m^3	0.24		
	Total Carried to Summary				
	5. Metal work				
5.1	Provide and fix a 50mm diameter and 3mm thick circular horizontal handrail at a height of 0.1m, 0.7m, and 0.9 mounted from the finished floor surface level on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	0.00		
5.2	Provide and fix 40mm diameter and 3mm thick circular vertical hand rail with a height of 0.9m from finished floor surface and C/C 0.9m mounted on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	0.00		
	Total Carried to Summary				
	Total Summary for One Ramp				-

ECDD Ethiopian Center for Disability and Development Association

Specification & Bill of quantities for IFA Health Center, Wollega Zone Diga Woreda - Lot 2					
Walkway construction at waiting room entrance (5x2m)					
Item	**Description**	**Unit**	**Qty.**	**Rate**	**Amount**
	1.Exacavation & earth work				
1.1	Clear the site to an average depth of 200mm and chisel the existing ramp surface	m^2	10.00		
1.2	demolish the existing ceramic floor stair	m2	0.00		
1.3	Bulk Excavation with 20cm depth for stone masonry and hardcore without working space	m^3	2.00		
1.4	Trench excavation for masonry with no working space	m3	4.00		
1.5	Back fill with non expansive material & compact in layers not exceeding 40cm thickness including excavation for hard-core	m^3	0.00		
1.6	250mm thick basaltic or sound approved stone Hard core and blinded with 20mm crushed aggregate.	m^3	0.88		
1.7	Fill under hard-core to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^2	0.00		
1.8	Cart away surplus excavated material to a distance not exceeding 5km from the site.	m^3	8.00		
	Total Carried to Summary				
	2. Concrete work				
2.1	Reinforced Concrete class C-25, 400kgs of cement /m3 of concrete filled into form work and vibrated around steel reinforcement (Form work and Rebar measured separately). Rebar Grade -40				
	In 25mm thick lean concrete C-5 concrete grade under masonry	m^2	4.48		
	In 100mm thick Ramp C-25 RC slab. The top surface of the ramp should be rough to avoid a slippery surface.	m3	1.00		
	10cm by 15cm concrete curbstone	m3	0.15		
2.2	Steel reinforcement according to structural drawings including cutting, bending, tying wires & placing in position.				
	Φ8mm c/c 300mm deformed bar	Kg	48.85		
	Total Carried to Summary				
	2. Form Work				
3.1	2.5mm thick formwork for Ramp and landing, 15cm formwork	m^2	1.80		
	Total Carried to Summary				
	4. Stone Masonry				
4.1	400mm thick hard trachytic or equivalent masonry stone foundation wall bedded on cement & sand mortar mix (1:4) ratio below ground level and Apply three coats of plaster in cement mortar (1:4) up to fine finish to all internal wall surfaces. Plastering work shall include all surface pre-cleaning preparation,chiseling, polishing and cleaning at the end of finishing work.	m^3	0.90		
	Total Carried to Summary				
	5. Metal work				
5.1	Provide and fix a 50mm diameter and 3mm thick circular horizontal handrail at a height of 0.1m, 0.7m, and 0.9 mounted from the finished floor surface level on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	0.00		
5.2	Provide and fix 40mm diameter and 3mm thick circular vertical hand rail with a height of 0.9m from finished floor surface and C/C 0.9m mounted on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	0.00		
	Total Carried to Summary				
	Total Summary for One Ramp				-

Specification & Bill of quantities for IFA Health Center, Wollega Zone Diga Woreda - Lot 2					
Walkway Construction from OPD to Antinatal & Family planning Block (0.13x1.5x3m)					
Item	**Description**	**Unit**	**Qty.**	**Rate**	**Amount**
	1.Exacavation & earth work				
1.1	Clear the site to an average depth of 200mm and chisel the existing ramp surface	m^2	13.50		
1.2	demolish the existing ceramic floor stair	m2	0.00		
1.3	Bulk Excavation with 20cm depth for stone masonry and hardcore without working space	m^3	0.00		
1.4	Trench excavation for masonry with no working space	m3	3.78		
1.5	Back fill with non expansive material & compact in layers not exceeding 40cm thickness including excavation for hard-core	m^3	1.26		
1.6	250mm thick basaltic or sound approved stone Hard core and blinded with 20mm crushed aggregate.	m^3	2.25		
1.7	Fill under hard-core to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^2	9.00		
1.8	Cart away surplus excavated material to a distance not exceeding 5km from the site.	m^3	6.48		
	Total Carried to Summary				
	2. Concrete work				
2.1	Reinforced Concrete class C-25, 400kgs of cement /m3 of concrete filled into form work and vibrated around steel reinforcement (Form work and Rebar measured separately). Rebar Grade -40				
	In 25mm thick lean concrete C-5 concrete grade under masonry	m^2	1.35		
	In 100mm thick Ramp C-25 RC slab. The top surface of the ramp should be rough to avoid a slippery surface.	m3	0.90		
2.2	Steel reinforcement according to structural drawings including cutting, bending, tying wires & placing in position.				
	Φ8mm c/c 300mm deformed bar	Kg	63.95		
	Total Carried to Summary				
	2. Form Work				
3.1	2.5mm thick formwork for Ramp and landing, 15cm formwork	m^2	1.80		
	Total Carried to Summary				
	4. Stone Masonry				
4.1	400mm thick hard trachytic or equivalent masonry stone foundation wall bedded on cement & sand mortar mix (1:4) ratio below ground level and Apply three coats of plaster in cement mortar (1:4) up to fine finish to all internal wall surfaces. Plastering work shall include all surface pre-cleaning preparation,chiseling, polishing and cleaning at the end of finishing work.	m^3	2.16		
	Total Carried to Summary				
	5. Metal work				
5.1	Provide and fix a 50mm diameter and 3mm thick circular horizontal handrail at a height of 0.1m, 0.7m, and 0.9 mounted from the finished floor surface level on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	27.60		
5.2	Provide and fix 40mm diameter and 3mm thick circular vertical hand rail with a height of 0.9m from finished floor surface and C/C 0.9m mounted on both sides of the Ramp. It should be coated with antirust and paint it two coats of dark green metallic paint.	ml	11.00		
	Total Carried to Summary				
	Total Summary for One Ramp				-

Ethiopian Center for Disability and Development (ECDD)

Specification & Bill of quantities for IFA Health Center, Wollega Zone Diga Woreda - Lot 2

Mud Wall Renovation/Maintenance

Item	Description	Unit	Qty.	Rate	Amount
	Carefully demolish existing mud wall including removal of mud plaster, reeds, wooden laths, and any embedded materials; stack reusable materials separately and dispose of debris off-site at an approved dumping area. The rate shall include labor, tools, protection of adjacent structures, loading, hauling, and cleaning of the site.	m2	27		
	Construct new mud wall using approved selected soil mixed with straw/fiber and water, prepared and compacted in layers, built to the specified thickness and height. The wall shall be straight, plumb, and properly bonded to existing structures. Rate to include material preparation, curing, labor, tools, and scaffolding.	m2	36.00		
	Provide and fix timber or bamboo framework/reinforcement within mud wall where required, including anchoring to floor, beams, or columns, complete in all respects.	m2	36.00		
	Apply internal mud plaster in two coats to mud wall surfaces: first (scratch) coat and finishing coat, well compacted and leveled to receive paint. Rate to include surface preparation, curing, and all materials and labor.	m2	56.00		
	Apply external cement sand plaster (1:4 mix) to mud wall surfaces in two coats, including waterproof additive where specified, complete with smooth finish and proper curing.	m2	56.00		
	Prepare plastered wall surfaces by cleaning, filling cracks, and applying one coat of approved primer/sealer suitable for mud-plastered surfaces, complete in all respects.				
	Apply two coats of approved emulsion paint to internal mud wall surfaces, including all materials, labor, and tools, to an even and uniform finish.	m2	56.00		
	Apply two coats of weather-resistant external paint to external plastered mud wall surfaces, including primer where required, complete in all respects.	m2	56.00		
	Final cleaning of mud wall work areas, removal of paint splashes, debris, and handover of works in clean	Ls	1.00		

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SUMMARY OF SIGNAGE for IFA Health Center, Wollega Zone Diga Woreda - Lot 2			
	SUB-STRUCTURE		
1	EXCAVATION & EARTH WORKS	Birr	
2	CONCRETE WORKS	,,	
	SUB-TOTAL (A)		
	SUPER-STRUCTURE		
1	METAL WORK	Birr	
2	SIGNAGE PLATE	,,	
	SUB-TOTAL (B)		
	TOTAL SUMMARY FOR SIGNAGE		

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	BILL OF QUANTITY				
	Signage (IFA Health Center, Wollega Zone Diga Woreda) - Lot 2				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
	A. SUB-STRUCTURE				
	1.EXCAVATION & EARTH WORKS				
1.01	Excavate for site clearing to a depth of 20cm to remove to soil	m^2	0.30		
1.02	Bulk excavation in ordinery soil not exceeding 1000mm from NGL.	m^3	0.30		
1.03	Selected Fill under the concrete to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^3	0.20		
1.04	Cart away surplus excavated material to a distance not exceeding 2kms.	m^3	0.36		
	TOTAL CARRIED TO SUMMARY EARTH WORK				
	2.CONCRETE WORKS				
2.01	50mm thick lean concrete in C-5 with minimum cement content of 150kg/m3 of concrete under:				
	a) footing pad	m^2	0.13		
2.02	Reinforced concrete in class C-25 (with a 28-day 150mm cube crushing strength of 25MPa), cast into formworks and vibrated around rod reinforcement bars.(formwork & reinforcement bars are measured separately.) in: *"Type of cement to be ordinary Portland cement (OPC)"*				
	a) footing pad	m^3	0.10		
2.03	Sawn zigba wood form work for:				
	a) footing pad	m^2	1.00		
	TOTAL CARRIED TO SUMMARY CONCRETE WORK				
	B. SUPER-STRUCTURE				
	1. METAL WORK(signage pole)				
1.01	Supply and fix RHS framed laminated with 0.8mm thick lamera sheet fram used for fixing mica signboard on it using rebate or other hooking mechanisms directed/recommended by ECDD Engineer. The frame should be painted antirust and plastic imulsion paint	LS	1.00		
	TOTAL CARRIED TO SUMMARY FOR METAL WORK				
	2.SIGNAGE PLATE				
2.1	Supply and fix 1x2m ingraved mica signage. **pole mounted** sign board plate on which each letters should be 7cm written in UV print. The plate should be contrasted with blue black background surface and white letters. And the sign of donor's logo, ECDD and symbol of accessibility should be printed on one of the plates as required. All letters and logo has to be printed in UV print on both side (face) of the plate. On one signage pole, at least five plates supported in metallic frame should mounted.	No	1.00		
	TOTAL CARRIED TO SUMMARY FOR SIGNAGE PLATE				

Ethiopian Center for Disability and Development (ECDD)			
Client: Ethiopian center for Disability and Development (ECDD)			
Project: Emergency			
Donor: OCHA			
Institution: Kolobo Primary School, Wollega Zone Diga Woreda - Lot 1			
Lot 1			
Summary of BOQ			
No	**Items**	**Unit**	**Amount**
1	**Accessible toilets modification**	Birr	
2	**Ramp Construction**	Birr	
3	**Signage**	Birr	
	Total Amount	Birr	-
	Rebate (_____)		
	Total Amount After Rebate		-
	VAT 15%	**Birr**	-
	Grand Total	**Birr**	-

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No	SUMMARY OF TOILET(Kolobo Primary School, Wollega Zone Diga Woreda) - Lot 1		
	SUB-STRUCTURE		
1	EXCAVATION & EARTH WORKS	Birr	
2	CONCRETE WORKS	,,	
3	MASONRY WORKS	,,	
	SUPER-STRUCTURE		
1	CONCRETE WORK	Birr	
2	ROOFING	,,	
3	METAL WORK	,,	
5	PLASTERING WORKS	,,	
6	PAINTING WORK	,,	
8	SANITARY INSTALLATION	,,	
9	CEILING WORK	,,	
11.1	Metal work (Signage Pole)	,,	
11.2	Signage Plate	,,	
	TOTAL FOR One Toilet		

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	BILL OF QUANTITY				
	Toilet with corridor and entrance ramp at Kolobo Primary School, Wollega Zone Diga Woreda - Lot 1				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
	A. SUB-STRUCTURE				
	1.EXCAVATION & EARTH WORKS				
1.01	Excavate for site clearing to a depth of 20cm to remove to soil and cut trees	m^2	1.08		
1.02	Bulk excavation in ordinery soil not exceeding 700mm from NGL.	m^3	0.00		
1.03	Trench Excavation up to depth of 1.15m below NGL	m3	1.08		
1.04	Trench Excavation in hard rock not exceeding 1.5m below NGL	m^3	0.00		
1.05	Back fill with non expansive material & compact in layers not exceeding 20cm thickness.	m^3	0.36		
1.06	Selected Fill under hard-core to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^3	0.00		
1.07	Cart away surplus excavated material to a distance not exceeding 2kms.	m^3	1.30		
1.08	200mm. thick sound basaltic or equivalent stone hard-core finished and blinded with crushed stone.	m^2	0.22		
	TOTAL CARRIED TO SUMMARY FOR EARTH WORK				-
	2.CONCRETE WORKS				
2.01	50mm thick lean concrete in C-5 with minimum cement content of 150kg/m3 of concrete under:				
	a) footing pad	m^2			
	b) grade beam	m^2			
	c) Trench Masonary wall	m^2	2.4		
	d)150mm thick ground floor slab	m^2	0		
2.02	Reinforced concrete in class C-25 (with a 28-day 150mm cube crushing strength of 25MPa), cast into formworks and vibrated around rod reinforcement bars.(formwork & reinforcement bars are measured separately.) in: *"Type of cement to be ordinary Portland cement (OPC)"*				
	a) footing pad	m^3			
	b) foundation column	m^3			
	c) grade beam	m^3	0.48		
	d)10mm thick ground floor slab	m3	0.4		
2.03	Sawn zigba wood form work for:				
	a) footing pad	m^2			
	b) foundation column	m^2			
	c) grade beam	m^2	8.00		
	d) ground floor slab	m^2			
2.04	Reinforcement steel bars according to structural drawing. Price includes cutting, bending, placing in position and tying wires.				
	a) dia. 8mm deformed bar, c/c 200mm spacing for slab and grade beam	kg	17.38		
	b) dia. 12mm deformed bar for grade beam	kg	28.42		
	c) dia. 6mm bar for stirrup with 15cm spacing	kg	8.44		
	TOTAL CARRIED TO SUMMARY FOR CONCRETE WORK				-
	3. MASONRY WORKS				
3.01	500mm thick Stone masonry foundation wall bedded in cement mortar (1:3) in full joints.	m^3	1.08		
	TOTAL CARRIED TO SUMMARY MASONRY WORK				

	B. SUPER-STRUCTURE				
	1. CONCRETE WORKS				
1.01	Reinforced concrete in class C-25 (with a 28-day 150mm cube crushing strength of 25MPa), cast into formworks and vibrated around rod reinforcement bars.(formwork & reinforcement bars are measured separately.) in: *"Type of cement to be ordinary Portland cement (OPC)"*				
	a) Elevation column	m^3	0.48		
	b) Top tie beam	m^3	0.32		
	c) Lintel Beam	m^3	0.06		
1.02	Sawn zigba wood form work for:				
	a) Elevation column	m^2	9.60		
	b) Top tie beam	m^2	8.00		
	c) Lintel Beam	m^2	1.56		
1.03	Reinforcement steel bars according to structural drawing. Price includes cutting, bending, placing in position and tying wires.				
	a) dia. 6mm bar for stirrup	kg	25.09		
	b) dia. 12mm deformed bar	kg	17.76		
1.04	HCB wall beded with 1:4 cement sand mortar				
	a) 20cm thick external hcb wall	m2	19.88		
	TOTAL CARRIED TO SUMMARY CONCRETE WORK				-
	2.ROOFING				
2.1	Supply and fix C-28 CIS sheet including 5cm.x7cm.Zigba wood purline placed c/c 90 cm. spacing including washers and roof ridge cover and truss. Truss members are made of wood at c/c spacing 100cm. Roof cover includes Ridge, Flushing, and all incidental works as shown in the drawing, the area is measured horizontally.	m^2	6		
2.2	Galvanized steel copping G-28 deve.length 33cm	ml	2		
2.3	UPVC down pipe attached to external wall surface with leader straps c/c 120 cm. and finally painted with two coats of synthetic paint.	ml	1.00		
2.4	Ditto but to gutter of size 25cm.x 20cm. with development length of 60 cm. and painted with two coats of synthetic paint.	ml.	3.4		
2.5	provide and supply 0.25 mm thick 25cm width Australian facia board painted	ml.	4		
	TOTAL CARRIED TO SUMMARY FOR ROOF WORK				-
	3. METAL WORK				
	All doors are manufactured from LTZ 38mm profile frames. All works should be cut and assembeled to sizes and shapes of the door schedule upon submitting workshop drawing by the contractor. Unit price includes the necessary iron monger anchorbolts cover plates approved lock, doors stoppers, other necessary accessories for completing the work and one coat of primer or antirust and two coats of synthetic paint. All according to door and window schedule as specified				
3.1	METAL DOOR				
	MD1) Size 1000 x 2100mm (2.1m2). Where the door handle should be fixed at 1.10m above finished floor.	pcs.	1		
3.2	Supply and Install 100mm diameter wire mesh in window section where the mesh openining must be minimum to prevent entrance of flies to the toilet room and also the mesh should be framed with 38mm LTZ frame				
	Window opening Size 400 x 800mm (0.32m2).	pc.	1		
3.3	Supply & fix dia. 50mm with 3mm thick, 650mm long, and 700mm high from finished floor surface CHS steel pipe fixed garb bar secured to the floor by means of anchoring pieces from same material including all the necessary work procedures (apply antirust, metallic paint, anchorage)	LS	1		
	TOTAL CARRIED TO SUMMARY FOR METAL WORK				-

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	5. PLASTERING WORKS				
5.1	Apply three coats of plaster in cement mortar (1:3) up to fine finish to all internal and external wall surfaces. Plastering work shall include all surface pre-cleaning preparation, chiseling, polishing, job plastering, plastering to edges and cleaning at the end of finishing work.	m^2	42.6		
5.2	Rendering for external wall. Plastering work shall include all surface pre-cleaning preparation,chiseling, polishing and cleaning at the end of finishing work.	m^2	0		
	TOTAL CARRIED TO SUMMARY FOR PLASTERING & RENDERING				-
	6. PAINTING WORK				
6.1	Apply in three coats of plastic emulsion paint to all internal and external plastered wall surfaces. The work shall include all surface pre-cleaning preparation, chiseling, polishing and cleaning at the end of painting work. Color shall be decided by the consultatnt in discussion with the client	m^2	42.6		
	TOTAL CARRIED TO SUMMARY FOR PAINTING				-
	8.SANITERY INSTALLATION				
	SANITARY EQUIPMENT (FIXTURES)				
	All fixtures which differs from that specified below is subject to the owner's approval, based on samples, catalogues and brochures presented by the Contractor. Unit Price shall include all the necessary fixing brackets or hooks and all the necessary assistance civil works such as chiseling of walls, floors, beams and etc...				
	ALL FIXTURES ARE APPROVED EUROPEAN BRAND				
8.01	Supply and install RAK (or equivalent approved brand) **complete water closet (WC) set, including matching hand wash basin** with pedestal stand installed at 70 cm height. The unit shall be made of white vitreous china and equipped with a stainless-steel cold-water mixer tap, mixing battery plug, chrome-plated chain holder, and P-trap with connection pipe, complete with **all necessary fittings and accessories for proper installation and operation.** The WC shall be of wash-down type, made of white vitreous china, and provided with a plastic seat and cover, **all fixed and connected as per the manufacturer's specifications and the Engineer's approval.**				
	Size :- 500 x400 mm	LS	1.00		
8.03	Supply and fix flexible water Hose pipe with all necessary accessories.	No	1.00		
8.04	Supply and fix RAK or equivalent toilet paper holder with chrome plated brass wall flanged roll with chrome plated fastening screws and other accessories.	No			
8.05	Supply and fix crystal glass mirrors for toilets and wash basins with copper back protection, size: 500/400 mm including chrome plated brass mirror clips with chrome plated screws and etc... for hand wash basins.	No			
8.06	Supply and fix RAK or equivalent soap holder in white vitreous china of size 150 x 150 mm complete with the necessary fixing and other accessories for hand wash basins.	No			
	WATER SUPPLY PIPE LINE AND VALVES				
	Cold and hot water pipes shall be PPR pipes for cold and hot water respectively, and be fixed to slabs, walls, beams or etc…with metal straps or similar material. Unit price shall include all assistance civil works and necessary fittings such as T, bends etc. according to where shown on the drawing. All water pipes shall be tested two times the working pressure or 50 meters head, which ever is greater at the expense of the contractor.				
8.07	Supply and install PPR, PN-10 pipes to internal cold water distribution system as shown on the drawing. Complete with all the necessary fittings and accessories.				
	Dia. 15 mm	ml	5.00		
8.08	Supply and fix chrome service angle valves of approved standard before hand wash basins, water closets and other fixtures. Complete with unions, elastic water proofing, hand wheels of normal quality and with all other necessary accessories.				
	Dia. 15 mm	No	5.00		

	WASTE, VENT AND RAIN WATER PIPES AND				
	ACCESSORIES				
	All domestic waste, vent and storm water pipe lines shall be comply to BS45/4:1983 and DIN 19531 uPVC, PN-4 pipes and shall be provided with a minimum slope of 1.5%. Pipes and necessary fittings shall be standard quality and be free from damage during storage, construction and etc. Unit price shall include all the necessary assistance civil works, such as excavation cartaway, fixing or hanging to walls, beams or slabs. etc., necessary fittings such as bends, Y, T, etc. Storm water PVC pipes shall resist the external temperature and the quality shall meet the purpose.				
8.09	Supply and lay internal & External uPVC, PN-4 waste pipes according to where shown on the drawings. Complete with all the necessary fittings.				
	Dia. 110 mm	ml	10		
8.10	Supply and fix dia 50mm vent caps made of uPVC at the roof terminal of vent pips. complete with all accessories and water proofing works				
	Dia. 50 mm	No.			
8.11	Fix floor drain 80mm brass plated necessary accessories all of approved standard. Price shall include all the necessary civil works.	No.	1.00		
	TOTAL CARRIED TO SUMMARY FOR SANITARY WORK				-
	9. Ceiling				
9.01	600mm X 60mm Plastic ceiling with all necessary fittings	m^2	5.2		
	TOTAL CARRIED TO SUMMARY FOR CELING				-
	11. SIGNAGE				
	11.1 METAL WORK(signage pole)				
11.11	Supply & fix dia. 50mm with 3mm thick metal pipe mounted on anchor with 150mm curbs at its bottom and it is 2.5m high above the ground. (all metal surfaces should be coated with antirust and metallic paint)	no	1.00		
	TOTAL CARRIED TO SUMMARY METAL WORK FOR SIGNAGE				-
	11.2 SIGNAGE PLATE				
11.21	Supply and fix 2 mm thick 2mm thick aluminium cladding sign board plate on which each letters should be 7cm in UV print and on one signage pole one plate is mounted. And the plate is contrasted with white background surface and dark blue letters. The signage should be installed in direction board, on the wall of the toilet and on the door of toilet entrance and the price includes all accessories used for installing the signage as per approved by the engineer	No	1.00		
11.22	Supply and fix 2 mm thick aluminium cladding sign board plate on which each letter should be 7cm written in UV print and each plate is mounted on the side of the door. And each plate is contrasted with blue background surface and white letters. sex and international disability symbol is printed on it (UV print). As per Engineer's approval	No	1.00		
	TOTAL CARRIED TO SUMMARY FOR SIGNAGE INSTALLATION				-
	TOTAL CARRIED TO SUMMARY FOR ONE ROOM TOILET BEFORE VAT				-

Ethiopian Center for Disability and Development (ECDD)

Specification & Bill of quantities for Kolobo Primary School, Wollega Zone Diga Woreda - Lot 1

U Shaped Ramp and Landing at Water Point Section

Item	Description	Unit	Qty.	Rate	Amount
	1.Exacavation & earth work				
1.1	Clear the site to an average depth of 200mm and chisel the existing ramp surface	m^2	22.00		
1.2	Demolution of the Existing CIS fence around water point section	Ls	1		
1.3	Bulk Excavation with 20cm depth for stone masonry and hardcore without working space	m^3	0.00		
1.4	Trench excavation for masonry with no working space	m3	2.64		
1.5	Back fill with non expansive material & compact in layers not exceeding 40cm thickness including excavation for hard-core	m^3	11.04		
1.6	250mm thick basaltic or sound approved stone Hard core and blinded with 20mm crushed aggregate.	m^3	1.65		
1.7	Fill under hard-core to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^2	2.20		
1.8	Cart away surplus excavated material to a distance not exceeding 5km from the site.	m^3	7.04		
	Total Carried to Summary				
	2. Concrete work				
2.1	Reinforced Concrete class C-25, 400kgs of cement /m3 of concrete filled into form work and vibrated around steel reinforcement (Form work and Rebar measured separately). Rebar Grade -40				
	In 25mm thick lean concrete C-5 concrete grade under masonry	m^2	13.60		
	In 100mm thick Ramp C-25 RC slab. The top surface of the ramp should be rough to avoid a slippery surface.	m3	3.74		
	15cm thick HCB Block wall	m2	14.20		
2.2	Steel reinforcement according to structural drawings including cutting, bending, tying wires & placing in position.				
	Φ8mm c/c 300mm deformed bar	Kg	140.56		
	Total Carried to Summary				
	2. Form Work				
3.1	2.5mm thick formwork for Ramp and landing, 15cm formwork	m^2	5.10		
	Total Carried to Summary				
	4. Stone Masonry				
4.1	400mm thick hard trachytic or equivalent masonry stone foundation wall bedded on cement & sand mortar mix (1:4) ratio below ground level and Apply three coats of plaster in cement mortar (1:4) up to fine finish to all internal wall surfaces. Plastering work shall include all surface pre-cleaning preparation,chiseling, polishing and cleaning at the end of finishing work.	m^3	5.28		
	Total Carried to Summary				
	5. Fence Work				
5.1	Supply and Install G32 CIS sheet metal wall with 8cm diam wood vertical post spaced with 90cm and 6cm diam wood horizontal bar in 90cm interval spacing. The price includes double opening door with 90cm single door opening	m2	64.00		
5.2	Apply two coats of synthetic paint to CIS sheet external wall section	m2	64.00		
	Total Carried to Summary				
	Total Summary for Water Point				-

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SUMMARY OF SIGNAGE for Kolobo Primary School, Wollega Zone Diga Woreda - Lot 1			
	SUB-STRUCTURE		
1	EXCAVATION & EARTH WORKS	Birr	
2	CONCRETE WORKS	,,	
	SUB-TOTAL (A)		
	SUPER-STRUCTURE		
1	METAL WORK	Birr	
2	SIGNAGE PLATE	,,	
	SUB-TOTAL (B)		
	TOTAL		

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	BILL OF QUANTITY				
	Signage (Kolobo Primary School, Wollega Zone Diga Woreda) - Lot 1				
ITEM	**DESCRIPTION**	**UNIT**	**QTY**	**RATE**	**AMOUNT**
	A. SUB-STRUCTURE				
	1.EXCAVATION & EARTH WORKS				
1.01	Excavate for site clearing to a depth of 20cm to remove to soil	m^2	0.30		
1.02	Bulk excavation in ordinery soil not exceeding 1000mm from NGL.	m^3	0.30		
1.03	Selected Fill under the concrete to maintain the desired level with selected borrowed material and compact in layers not exceeding 200mm.	m^3	0.20		
1.04	Cart away surplus excavated material to a distance not exceeding 2kms.	m^3	0.36		
	TOTAL CARRIED TO SUMMARY EARTH WORK				
	2.CONCRETE WORKS				
2.01	50mm thick lean concrete in C-5 with minimum cement content of 150kg/m3 of concrete under:				
	a) footing pad	m^2	0.13		
2.02	Reinforced concrete in class C-25 (with a 28-day 150mm cube crushing strength of 25MPa), cast into formworks and vibrated around rod reinforcement bars.(formwork & reinforcement bars are measured separately.) in: *"Type of cement to be ordinary Portland cement (OPC)"*				
	a) footing pad	m^3	0.10		
2.03	Sawn zigba wood form work for:				
	a) footing pad	m^2	0.00		
	TOTAL CARRIED TO SUMMARY CONCRETE WORK				
	B. SUPER-STRUCTURE				
	1. METAL WORK(signage pole)				
1.01	Supply and fix RHS framed laminated with 0.8mm thick lamera sheet fram used for fixing mica signboard on it using rebate or other hooking mechanisms directed/recommended by ECDD Engineer. The frame should be painted antirust and plastic imulsion paint	LS	1.00		
	TOTAL CARRIED TO SUMMARY FOR METAL WORK				
	2.SIGNAGE PLATE				
2.1	Supply and fix 1x2m ingraved mica signage. **pole mounted** sign board plate on which each letters should be 7cm written in UV print. The plate should be contrasted with blue black background surface and white letters. And the sign of donor's logo, ECDD and symbol of accessibility should be printed on one of the plates as required. All letters and logo has to be printed in UV print on both side (face) of the plate. On one signage pole, at least five plates supported in metallic frame should mounted.	No	1.00		
	TOTAL CARRIED TO SUMMARY FOR SIGNAGE PLATE				

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