

Document N°. 4
SPECIAL ADMINISTRATIVE CONDITIONS
(SAC)

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CHAPTER I: GENERAL

Article 1: Subject of Contract

The subject of this Contract shall be the for the rehabilitation of classrooms in some Secondary and High Schools in the North West Region (divided into 3 lots)

Article 2: Contract award procedure

This Contract is be awarded by Open National Invitation to Tender No _____/ONIT/NWRA/ITB/2024 of __/__/2024.

Article 3: Definitions and duties (article 2 of GAC supplemented)

3.1 General definitions (cf. Code)

- ✓ The Contracting Authority shall be **The President of the North West Regional Assembly**; in this respect he preserves the original documents relating to the contract and transmits copies to the Public Contract Regulatory Agency.
- ✓ The Contract Manager shall be **The Director of General Affairs at the North West Regional Assembly**. In this capacity, he shall respect the administrative, technical and financial clauses of this contract.
- ✓ The Contract Engineer shall be **The Regional Delegate of MINDCAF for the North-West**. He shall validate the different crucial phases of work done, from the installation of the Contractor to the Provisional Technical Reception.
- ✓ **The Regional Delegation of MINMAP North-West** shall carry out unannounced control for the execution of this project
- ✓ **The Divisional/Sub-Divisional Peace and Development Committees (P.D.C)** shall carryout Social Control and report to the President of the Regional Executive Council, North West.
- ✓ **The Contractor shall be [to be specified].**

3.2 Security

This Contract may be used as security subject to any form of transfer of the debt.

In this case:

- The authority in charge of ordering payment shall be **The President of the North West Regional Assembly**.
- The body or official in charge of payment shall be **The Regional Treasurer North West Regional Assembly**.
- The official competent to furnish information within the context of execution of this Contract shall be **The Director of General Affairs at the North West Regional Assembly**.
- The authority in charge of clearance shall be **The Specialised Finance Controller of the North West Regional Assembly**.

3.3 Duties of the Control Mission, Project Manager (Not applicable)

3.3.1 Control Missions [to be specified].

Article 4: Language, law and regulation applicable

1.1 The language to be used shall be *[English and/or French]*.

1.2 The Contractor shall be bound to observe the law, regulations and ordinances in force in Cameroon both within his own organization and in the execution of the Contract.

If the laws and regulations in force at the date of signature of this Contract are amended after the signature of the Contract, the possible direct resulting costs shall be taken into account without gain or loss for either party.

Article 5: Constituent documents of the Contract (Article 4 of GAC)

The constituent Contractual documents of this Contract are in order of priority:

- 1) The tender or commitment letter;
- 2) The bidder's tender and its annexes in all provisions not contrary to the Special Administrative Conditions (GAC) and the Special Technical Conditions (STC) hereunder;
- 3) The Special Administrative Conditions (SAC);
- 4) The Special Technical Conditions (STC);
- 5) The particular elements necessary for the determination of the Contract price, such as, in order of priority: the unit price schedule, the statement of all-in prices, detailed estimates, the breakdown of all-in prices and the sub-details of unit prices;
- 6) Plans, calculation notes, trial documents, geotechnical documents;
- 7) The General Administrative Conditions applicable on Public works Contracts that went into effect by Order No. 033/CAB/PM of 13 February 2007;
- 8) The General Technical Condition(s) applicable on the services forming the subject of the Contract.

Article 6: General instruments in force

This Contract shall be governed by the following general instruments:

1. Law No 2018/011 of 11 July, 2018 on the Code of Transparency and Good Governance in the management of Public Finances in Cameroon;
2. Law No 2018/012 of July 11, 2018 on the financial regime of the state and other public entities;
3. Law No 2019/024 of December 24, 2019 on the General code of Regional and Local Authorities;
4. Law No. 96/12 of 5th August 1996 on the management of the environment;
5. Law No. 2022/020 of 27 December, 2022 on the Financial Regime of the State of Cameroon for the 2023 Financial Year
6. Law No. 2019/024 of December, 2019 on the General Code of Decentralized Territorial Communities.
7. Decree No. 2013/159 of 15 May, 2013 putting in place a special regime on Administrative Control of Public Finances
8. Law No 2016/017 of 14 December 2016 instituting the Mining Code;
9. Decree No. 2018/366 of 20th June 2018 to institute the Public Contracts Code and its texts of application;
10. Decree No. 2018/4992/PM of 21 June, 2018 putting in place the General Rules regulating the maturation of Public Investment projects;
11. Decree No. 2020/375 of 07 July, 2020 on the General Regulations of Public Accounting.
12. Instruments governing the various professional bodies;
13. Decree No. 2001/048 of 23rd February 2001 relating to the Setting up, Organization and Functioning of the Public Contracts Regulatory Agency
14. Decree No. 2003/651/PM of 16th April 2003 to lay down the Procedure for Implementing the Tax and Customs System applicable to Public Contracts;
15. Decree No. 2012/075 of 8th March 2012 to organise the Ministry in charge of Public Contracts;
16. Order No 212/A/MINMAP of September 28, 2021 organizing the operation of internal structures for the administrative management of Public contracts;
17. Order No. 000007/MINMAP of 01 January..... laying down the procedures for awarding and executing framework agreements
18. Order No. 168/A/MINMAP of August 11, 2021 setting the terms and conditions for the award and execution of design-build contracts;
19. Circular Letter No. 000010/LC/MINMAP/CAB of 22 September 2020, the clarifying the payment documents of the Administrative co-contractors to be submitted for visa prior to the Ministry in charge of Public Procurement
20. Order No. 001/CAB/PR of 19th June 2012 relating to the Award and Control of Execution of Public Contracts;
21. Letter No 00006/LC/PR/MINMAP/CAB of 17 August, 2021 clarifying the control of public procurement and specifying the procedures for its exercise to project owners and delegated project owners circular.
22. Law N° 2023/019 of 19/DEC/2023 instituting the 2024 Financial Law of the Republic of Cameroon
23. Circular No. 000026/C/MINFI of 29th December, 2023 on instructions relating to the execution of finance laws, the monitoring and control of the execution of the budget of the state and other public entities, for the 2024 financial year;
24. Circular No. 0001/PR/MINMAP/CAB of 25 April, 2022 relating to the application of the Public Procurement Code

25. The MINCOMMERCE Decree setting the Price List
26. Order No 402/A/MINMAP/CAP of 21 October 2019 setting the nature and threshold of markets reserved for craftsmen, small and medium-sized enterprises, grassroots communities and civil society organisations, and the modalities of their application;
27. Circular letter No. 00000002/LC/MINMAP/CAB of 12 May 2022 relating to the continuity of the public procurement service in the event of a sanction by a Project Owner or Delegated Project Owners or members of a commission public procurement in accordance with the provision of articles 195 of the code of public contracts.
28. Unified Technical Documents (DTU) for building works;
29. Applicable standards;
30. Other instruments specific to the domain concerned with the Contract.

Article 7: Communication (Articles 6 and 10 supplemented)

7.1 All notifications and written communication within the framework of this Contract shall be sent to the following address:

- a) In the case where the contractor is the addressee: beyond the time-limit of 15 days fixed in Article 6 (1) of the GAC to make his domicile known to the Contract Manager and immediately after completion of the works, correspondences shall be validly address to council where the Contractor Resides.
- b) In case where the Contracting Authority is the addressee: correspondences shall be addressed to: The President of the North West Regional Assembly with copies addressed to the Contract Manager and the Engineer.

7.2 The contractor shall address all written notifications or correspondences to the Engineer with a copy to the Contract Manager.

Article 8: Administrative Orders (Article 8 of GAC)

The various Administrative Orders shall be established and notified as follows:

- 8.1 The Administrative Order to start execution of works shall be signed by the Contracting Authority and notified to the Contractor by the Contract Manager with a copy to the Contracting Authority, the Regional Delegation of Public Contract North West, the Contract Engineer and the Paying Body, where applicable.
- 8.2 Upon proposal by the Contract Manager, Administrative Orders with an incidence on the objective, the amount and execution deadline shall be signed by Contracting Authority and notified by the Contract Manager to the Contractor with a copy to the Contracting Authority, the Regional Delegation of Public Contract North West, the Contract Engineer, and the Paying Body. The prior endorsement of the Paying Body shall possibly be required before the signature of those that have an incidence on the amount.
- 8.3 Administrative Orders of a technical nature linked to the normal progress of the work and without financial incidence shall be signed directly by Contract Manager and notified to the Contractor by the Contract Engineer or Project Manager (where applicable) with a copy to the Contracting Authority, the Regional Delegation of Public Contract North West and Contract Manager.
- 8.4 Administrative Orders serving as warnings shall be signed by the Contracting Authority and notified to the Contractor by the Contract Engineer with a copy to the Contract Manager, the Regional Delegation of Public Contract North West.
- 8.5 Administrative Orders for suspension or resumption of work as a result of the weather or any other case of force majeure shall be signed by the Contracting Authority and notified by the Contract Engineer to the Contractor with a copy to the Contract Manager the Regional Delegation of Public Contract North West.

- 8.6 Administrative Orders prescribing works necessary to remedy disorders which could appear on structures during the guarantee period and not related to normal usage shall be signed by the Contract Manager upon the proposal of the Contract Engineer and notified to the Contractor by the Contract Engineer.
- 8.7 The Contractor has a time-limit of fifteen (15) days to issue reservations on any Administrative Order received. Having reservations shall not free the enterprise of executing the Administrative Orders received.
- 8.8 Concerning Administrative Order signed by the Contracting Authority and notified by the Contract Manager, the notification must be done within a **maximum of 30 days** from the date of transmission by the Contracting Authority to the Contract Manager. **Beyond this deadline, the Contracting Authority shall establish the default of the Contract Manager, take over from him and carry out the said notification.**

Article 9: Contracts with conditional phases (Article 9 of GAC)

- 9.1 This Contract has only one phase for 2023 financial year. At the end of phase one, the Project Owner shall carry out the acceptance of the works and issue an attestation of proper execution to the Contractor. This attestation shall condition the start of the following conditional phase.
- 9.2 The time-limit granted for notification of the Administrative Order to start execution of a conditional phase shall be five (5) days.

Article 10: Contractor's equipment and personnel (Article 15 of GAC supplemented)

- 10.1 Any modification, even partial, made on the technical bid shall only occur after the written approval of the Contract Manager. In case of modification, the personnel replaced shall be a member of staff of equal competence (qualifications and experiences).
- 10.2 In any case, the lists of supervisory staff to be used shall be subject to the approval of the Project Owner in the days following notification of the Administrative Order to start execution. The contract Manager has **5 (five) days** to notify his opinion in writing with a copy sent to the Contract Engineer. Beyond this time-limit, the staff list shall be considered as approved.
- 10.3 Any unilateral modification on the supervisory staff made in the technical bid prior to and during the works shall be a reason for termination of the Contract as mentioned in article 45 below or the application of penalties.

CHAPTER II: FINANCIAL CONDITIONS

Article 11 Guarantees and bonds (Articles 29 and 41 of GAC)

11.1 Final bond

The final bond shall be set at 2 % of the amount of the Contract, inclusive of all taxes.

It is constituted and transmitted to the Contract Manager within a maximum deadline of twenty (20) days of the notification of the Contract.

The bond shall be returned or the guarantee released within one month following the date of provisional acceptance of the works, following a release issued by the Contracting Authority upon request by the Contractor.

11.2 Performance bond

The retention fund shall be set at 10 % of the amount of the Contract, inclusive of all taxes.

The return or release of the retention fund or security shall be done within one month after final acceptance by release issued by the **Contracting Authority** upon request by the Contractor.

11.3 Guarantee of start-off advance

The contractor may be granted a start off amount of 20% of the contract amount (inclusive of taxes) upon request.

The start-off payment shall be guaranteed at 100% by a Cameroonian bank recognized by the Ministry in charge of Finance.

Article 12: Amount of the Contract (Articles 18 and 19 of GAC supplemented)

The amount of this Contract as indicated by the attached [*detail or estimates*] is _____ (in figures) _____ (in letters) CFA francs Inclusive of All Taxes; that is:

- Amount exclusive of VAT: _____ (_____) CFA F
- Amount of VAT: _____ (_____) CFA F.
- Amount of TSR and/or _____ CFA F
- Net to be paid= EVAT-TSR and/or AIR

Article 13: Place and method of payment

The Project Owner shall release the sums due in the following manner:

- a. For payments in CFA francs (*amount in figures and letters exclusive of taxes*) by credit to account No. _____ opened in the name of the Contractor in the _____ bank.
- b. For payments in foreign currencies (*amount in figures and letters exclusive of taxes*) by credit to account N°. _____ opened in the name of the Contractor in _____ bank.

Article 14: Price variation (Article 20 of GAC)

30.1 Prices shall be firm.

- a. Payments on account made to the Contractor as advances shall not be revisable.
- b. Revision shall be "frozen" upon expiry of the Contractual time-limit, except in the case of price reductions.

30.2 Price updating modalities (Not applicable)

Article 15: Price revision formulae (article 21 of GAC)

(Not applicable)

Article 16: Price updating formulae (article 21 of the GAC)

(Not applicable)

Article 17: Works under State supervision (Article 22 of GAC supplemented)

17.1 The percentage of works under State supervision shall *not exceed 2%* of the amount of the Contract and its additional clauses, where applicable.

17.2 In the case where the Contractor were invited to execute works under State supervision, the submitted and duly justified expenditures shall be reimbursed to him under the following conditions:

- The quantities considered shall be the hours used or the quantities of building materials and materials used that was the subject of joint job cost sheets;
- The remunerations and salaries effectively paid to local labour shall be increased by forty percent (40 %) to take account of social benefits;
- The hours put in by the heavy equipment shall be counted at the rate featuring in the sub-detail of prices;

- building materials and materials shall be reimbursed at cost price duly justified at the place of use, marked up by ten percent for loss, stocking and handling;

The amount for services thus calculated, including the hours put by heavy equipment shall be marked up by 25 % to take into account the overheads, profits and the Contractor's unforeseen.

Article 18: Evaluation of works (article 23 of the GAC)

The work done shall be evaluated using the unit price.

Article 19: Evaluation of supplies (article 24 of the GAC supplemented)

19.1 *[Indicate, where applicable, the modalities for payment of supplies].*

19.2 No security shall be requested for payments on account on supplies.

Article 20: Advances (article 28 of the GAC)

20.1 The Contracting Authority *may* grant a start-off advance *equal to 20 % of the amount of the Contract*.

20.2 This advance whose value cannot exceed twenty (20) percent of the initial amount inclusive of all taxes shall be guaranteed at one hundred (100) percent by a financial establishment governed by Cameroon law or a first-rate financial institution in accordance with the instruments in force and reimbursed by deduction of the payments on accounts to be paid to the Contractor during the execution of the Contract according to the modalities laid down in the Special Administrative Conditions.

20.3 The total amount of the advance must be reimbursed not later than when the value in basic price of the works reaches eighty (80) percent of the amount of the Contract.

20.4 As the reimbursement advances, the Project Owner shall issue the release of the corresponding part of the guarantee upon the express request by the Contractor.

20.5 The possibility of granting start-off advance or advance for supplies must be expressly stipulated in the Tender File.

Article 21: Payment for works (articles 26, 27 and 30 of the GAC supplemented)

21.1 Establishment of works executed

Before the 30th of each month, the Contractor and the Project Manager shall jointly establish a job cost sheet which summarises and fixes the quantities executed and established for each item on the schedule during the month and capable of giving entitlement to payment.

21.2 Monthly detailed account

No later than the fifth (5th) of the month following the month of the services, the Contractor shall hand over to the Project Manager two draft provisional monthly detailed accounts in seven copies (one detailed account exclusive of VAT and the other inclusive of taxes), according to the agreed model and establishing the total amount of the sums to which he may lay claim as a result of the execution of the Contract since the start of the Contract.

Only the detailed account exclusive of VAT shall be paid to the Contractor. The detailed account of the amount of the taxes shall be the subject of an entry into the budgets of the Ministry in charge of Finance

Only the amount exclusive of VAT shall be paid to the Contractor as follows:

- *[100-2.2 or 5.5% paid directly into the account of the Contractor;*
- *2.2 Or 5.5 % paid to the Public treasury as AIR due by the Contractor.*

The amount of payment on account shall not exceed the value of the technical execution phases carried out. Payment on account may be spread over the duration of the execution of the Contract according to technical execution phases as defined in the Contract.

Payment on account shall take place within thirty (30) days from the date of transmission to the competent accounting officer, of the documents giving entitlement to payment.

The contractor shall transmit seven (7) copies of the partial invoices to the Engineer for approval before the 5th of the month following the works executed.

The Engineer shall within a time-limit of seven (7) days forward the approved partial invoices to the Chief of Service.

The Chief of Service has a maximum time-limit of twenty-one (21) days to sign the partial invoice and to produce the documents giving entitlement to payment on account and transmit same to the competent accounting officer.

21.3 Detailed account of start-off account (specify).

Article 22: Interest on overdue payments (Article 31 of the GAC)

Possible interests on overdue payments are paid by statement of sums due in accordance with Decree No. 2018/366 of 20 June 2018 to institute the Public Contracts Code.

Article 23: Penalties (Article 32 of the GAC supplemented)

A. Penalties for delay

23.1 The amount set for penalties for delays shall be set as follows:

- a) One two thousandth ($1/2000^{\text{th}}$) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30th day beyond the Contractual time-limit;
- b) One thousandth ($1/1000^{\text{th}}$) of the initial amount of the Contract inclusive of all taxes per calendar day beyond the 30th day.

23.2 The cumulated amounts of penalties for delay shall be limited to ten percent (10 %) of the initial Contract inclusive of all taxes.

B. Specific penalties

23.3 Independently of penalties for overrun of Contractual time-limit, the Contractor shall be liable for the following special penalties for the non-observation of the provisions of the Contract, especially:

- Late submission of final bond;
- Late submission of insurances, shall be one five thousandth ($1/5000^{\text{th}}$) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30th day beyond the Contractual time-limit;
- Late submission of the draft execution schedule if the lateness is caused by the Contractor shall be one five thousandth ($1/5000^{\text{th}}$) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30th day beyond the Contractual time-limit;

Article 24: Payment in case of a group of enterprises (article 33 of the GAC)

1. In the case of a group of enterprises, indicate the method of payment of co- and sub-Contractors, where need be.
2. Indicate the method of payment of sub-Contractors, where need be.

Article 25: Final detailed account (article 34 of the GAC)

25.1 After completion of the works and within a maximum time-limit of fourteen (14) days after the date of provisional acceptance, the Contractor shall establish, based on joint reports, the draft final detailed account of works executed and which detailed account summarises the total sums to which the Contractor may be entitled as a result of the execution of the whole Contract.

25.2 *The Contract Engineer has up to thirty (30) days to notify the corrected and approved draft to the Project owner.*

25.3 *The Contractor has up to thirty (30) days to return the corrected and approved final detailed account to the competent accounting officer.*

Article 26: General and final detailed account (article 35 of the GAC)

26.1 The Contract Manager or the Project Manager has up to thirty (30) days to *establish the general detailed account and forward to the Contractor after final acceptance.*

At the end of the guarantee period which results in the final acceptance of the works, the Authorising Officer draws up the general and final detailed accounts of the Contract which he had signed jointly by the Contractor and the Contracting Authority. This detailed account includes:

- the final detailed account,
- the balance
- the summary of monthly payments on account.

The signing of the general and final detailed account without reservation by the Contractor definitely binds the two parties, puts an end to the Contract, except with regard to interest on overdue payments.

26.2 The Contractor has up to thirty (30) days to return the signed final detailed account.

Article 27: Tax and customs regulations (article 36 of the GAC)

Decree No. 2003/651/PM of 16 April 2003 lays down the Terms and Conditions for Implementing the Tax regulations and Customs Procedures applicable to Public Contracts. The taxes applicable to this Contract include notably:

- Taxes and dues relating to industrial and commercial profits, including the IAR which is a deduction on company taxes;
- Registration dues in accordance with the Tax Code;
- Dues and taxes attached to the execution of services provided for in the Contract;
 - o Duties and taxes of entry into Cameroonian territory (customs duties, VAT, computer tax);
 - o Council dues and taxes;
 - o Dues and taxes relating to the extraction of building materials and water.

These elements must be included in the costs which the undertaking imputes on its running costs and constitute one of the elements of the sub-details of prices exclusive of taxes.

All taxes inclusive prices means VAT included.

Article 28: Stamp duty and registration of Contracts (article 37 of GAC)

Seven (7) original copies of the Contract shall be stamped by and at the cost of the Contractor, in accordance with the applicable regulations.

CHAPTER III: EXECUTION OF WORKS

Article 29: Nature of the works (article 46 of GAC)

The works shall include especially: (position or volume of works)
(*To be specified cf. Special Technical Conditions*)

Article 30: Roles and responsibilities of the Project Owner (GAC supplemented)

30.1 The Project Owner shall be bound to furnish the Contractor with information necessary for the execution of his mission and to guarantee, at the cost of the Contractor, access to sites of projects.

30.2 The Project Owner shall ensure the Contractor of protection against threats, insults, violence, assault and battery, slander or defamation of which he could be victim by reason of or during the exercise of his mission.

Article 31: Execution time-limit of the Contract (article 38 of the GAC)

31.1 The time-limit for the execution of the works forming the subject of this Contract shall be **Four (04) Months**.

31.2 This time-limit shall run from the date of notification of the Administrative Order to commence execution of the works.

Article 32: Roles and responsibilities of the Contractor (article 40 of the CAG)

The detailed and general plan of progress of the works shall be communicated to the Contract Engineer in *five (05)* copies at the beginning of each.

Article 33: Provision of documents and site (article 42 of the GAC)

A reproducible copy of the plans featuring in the Tender File shall be submitted by *the Contract Engineer*. The Project Owner shall make available the site and access ways to the Contractor at the appropriate time as the works progress.

Article 34: Insurance of structures and civil liabilities (article 45 of GAC)

The Contractor shall take out a third party risk insurance concerning persons, property or liabilities from an insurance company governed by the "CIMA" insurance code.

Article 35: Documents to be furnished by the Contractor (Article 49 of the GAC supplemented)

35.1 Programme of works, Quality Assurance Plan and pegging map.

a) Within a maximum deadline of *fifteen (15) days* from the date of notification of the Administrative Order to commence execution, the Contractor shall submit in *six (6)* copies for the approval of *project owner after the endorsement of the Contract Engineer* the execution programme of the works, his supply calendar, his draft Quality Assurance Plan and the Environment Management Plan, where applicable and the electricity network pegging map at scale 1/2500.

This programme shall be exclusively presented according to the furnished models.

Two (2) copies of these documents will be returned to him within a deadline of fifteen (15) days from the date of reception with:

- Either the indication "GOOD FOR EXECUTION";
- Or the indication of their rejection including the reasons for the said rejection.

The Contractor has eight (8) days to present a new draft. The Contract Manager or the Project Manager then has a deadline of five (5) days to give his approval or possibly make comments. Delay in approving the draft execution schedule shall stay the execution deadline.

The approval given by the Project Owner does not in any way release the Contractor of his responsibilities. Meanwhile, works executed before the approval of the programme shall neither be ascertained nor paid for. The updated and approved schedule will become the Contractual schedule.

The Contractor shall constantly update on site, a schedule that will take account of real progress of the site. Significant modifications may only be made on the Contractual programme upon receiving the approval of the Project engineer. After approval of the execution schedule by the Contract Manager, the latter shall transmit it within five (5) days to the Contracting Authority without staying its execution. However, if important modifications alter the objective of the Contract or the nature of the works, the Contracting Authority shall return the execution schedule accompanied by reservations to be lifted within fifteen (15) days of the date of reception.

- a) The Environment Management Plan should bring out notably the choice technical conditions of the site and basic life, conditions of the backfill of the extraction sites and conditions for reinstating the works and installation sites.
- b) The Contractor shall indicate in this schedule the equipment and methods which he intends to use as well as the personnel he intends to employ.
- c) The approval granted by the Contract Engineer shall in no way diminish the responsibility of the Contractor with regard to the harmful consequences which their implementation may cause both towards third parties and the respect of clauses of the Contract.

35.2 Execution draft

a) The execution plan documents (calculations and drawings) necessary for the realisation of all the parts of the structure must be submitted for the endorsement of the Contract Engineer at most fifteen (15) days prior to the date provided for the commencement of execution of the corresponding part of the structure.

b) The Contract Engineer has a deadline of *five (05) days* to examine and make known his observations. The Contractor then has a deadline of (04) four *days* to present a new file including the said observations.

35.3 In case of the non-observance of the approval deadlines of the above documents by the Administration, these documents shall be deemed to have been approved.

Article 36: Organisation and safety of sites (article 50 of the GAC)

36.1 Signboards at the beginning and end of each section must be placed within a maximum deadline of fifteen days after the notification of the Administrative Order to commence work. It must have the following characteristics: Height = 2.80m, width=1.20m, board thickness=2.5cm at 1.20m above the ground level. The Contract Engineer shall put at the Contractors' disposal the text to be used.

36.2 The services to inform in case of interruption of traffic or along the deviated itinerary: *[To be specified in accordance with article 50(2) of the GAC]*.

36.3 Indicate the special measures demanded of the Contractor, other than those provided for in the GAC, for rules of hygiene and safety and for circulation around or in the site.

Article 37: Implantation of structures

The Project Owner shall notify within [five] days following the date of notification of the Administrative Order to commence work, the basic points and levels of the project.

Article 38: Sub-Contracting (article 54 of the GAC)

The part of the works to be sub-Contracted shall not exceed 30 % of the initial amount of the Contract and its additional clauses.

Article 39: Site laboratory and trials (article 55 of GAC)

39.1 Indicate if necessary the modalities for carrying out the trials and geotechnical studies provided for in the Special Technical Conditions.

39.2 The Contract Manager has a deadline of three days to approve the Contractor's personnel and laboratory as soon as the request is made.

Article 40: Site logbook (article 56 of the GAC supplemented)

40.1 The Site logbook must be systematically jointly signed by the Project Manager or Engineer, where need be and the Contractor's representative each day.

40.2 It is a joint document in a single copy. Its pages must be numbered and initialled. No page should be removed. The erased or cancelled parts must be mentioned on the margin for validation.

Article 41: Use of explosives (article 60 of the GAC) (specify)

CHAPTER IV : ACCEPTANCE

Article 42: PROVISIONAL ACCEPTANCE

42.1 PRE- ACCEPTANCE OPERATIONS

Before the acceptance of the works the Contractor shall ask in writing to the Contract Engineer, to organize a technical visit for pre-acceptance. This visit shall include the following operations.

- Qualitative and quantitative evaluations of the different works that have been executed.
- Findings and statement of the unexecuted task envisaged in the present contract.
- Findings relative to the completion of the work
- Findings on the quantity of works that have been effectively realized

These operations shall be subject to a site report drawn up on the field, signed by the following.

- Contract Engineer;
- RD/MINMAP/NW (Observer);
- Contract Manager
- The Beneficiary;
- Contractor.

During this pre-reception, the Engineer shall eventually specify the reserves to be lifted and the corresponding works to be effected before the reception. The Engineer shall fix the reception date in collaboration with the Contract Manager.

42.2 Acceptance

The acceptance commission shall comprise:

- 1- The President of the North West Regional Assembly or his representative(Chairman)
- 2- The Contract Engineer..... (Secretary)
- 3- The Contract Manager or his representative..... (Member)
- 4- The commissioner for Education, Sport and cultural Development NWRA.....(Member)
- 5- The Stores Accountant of North West Regional Assembly..... (Member)
- 6- The RD MINMAP/NW or his representative..... (Observer)
- 7- The Principal of the concern school (Member)
- 8- The Contractor or his Representative..... (Observer)

The commission shall examine the report of the pre-acceptance including a video from the Contractor showing the stages of works executed. This shall proceed with the acceptance. An acceptance report (process - verbal) of the works shall be prepared by the Contract Engineer and signed by all the commission members.

ARTICLE 43: DOCUMENTS TO BE FURNISHED AFTER EXECUTION

43.1 The contractor shall furnish within one (1) month after completion of the works five (5) copies of all working documents and drawings as executed, especially those relevant to the exploitation and maintenance of the works.

43.2 A penalty of 30% of the guarantee retention shall be retained in the event where the contractor fails to comply with Article 43.1 above.

Article 44: GUARANTEE PERIOD.

The guarantee period is one (01) year from the date of the provisional acceptance.

Article 45: Final acceptance (article 72 of the GAC)

Final acceptance shall take place within a maximum deadline of fifteen (15) days from the date of expiry of the guarantee.

The procedure for final acceptance shall be the same as for provisional acceptance

CHAPTER V: SUNDRY PROVISIONS

Article 46: Termination of the Contract (article 74 of the GAC)

The Contract may be terminated as provided for in Decree No. 2018/366 of 20 June 2018 and equally under the conditions laid down in articles 74, 75 and 76 of the GAC especially in one of the following cases:

- Delay of more than fifteen (15) calendar days in the execution of an Administrative Order or unjustified stoppage of more than seven (7) calendar days;
- Delay in work resulting in penalties of more than 10 % of the amount of the works;
- Refusal to repeat poorly executed works;
- Default by the Contractor;
- Persistent non-payment for services.

Article 47: Case of force majeure (article 75 of the GAC)

If the Contractor were to raise the issue of force majeure, the thresholds below which claims shall not be admitted are:

- *Rainfall: 200 millimetres in 24 hours;*
- *Wind: 40 metres per second;*

- *Flood: decennial flood frequency.*

Article 48: Disagreements and disputes (article 79 of the GAC)

Disagreements and disputes resulting from the execution of this Contract may be settled amicably.

Where no amicable solution can be found for a disagreement, it is brought before *the competent court in the North-West Region of the Republic of Cameroon.*

Article 49: Production and dissemination of this Contract

Twenty (20)] copies of this Contract shall be produced at the cost of the Contractor and furnished to the Contract Manager.

Article 50 and last: Entry into force of the Contract

This Contract shall be final only upon its signature by the Contracting Authority. It shall enter into force as soon as it is notified to the Contractor by the Contracting Authority.

Document N°. 5
SPECIAL TECHNICAL CONDITIONS
(STC)

TECHNICAL SPECIFICATIONS

SUMMARY (STC/CCTP)

FOR THE REHABILITATION OF CLASSROOMS IN SOME SECONDARY AND HIGH SCHOOLS IN THE NORTH WEST REGION (DIVIDED INTO 3 LOTS)

- 100-GENERALITIES
- 200-PREPATORY WORKS – SETTINGOUT
- 300-FOUNDATION
- 400-ELEVATION OF WALLS
- 500-PROOF TRUSS AND COVERING
- 600-JOINERY AND METAL WORKS
- 700-PLUMBING – SANITORY
- 800-ELECTRICAL INSTALLATION
- 900- PLASTERING AND COATINGS
- 1000-PAINTING
- 1100-OUTSIDE AMENITIES AND LAYING OUT PLANNING
- 1200-FLOOR AND WALL FINISHES
- 1300-PROTECTION OF THE ENVIRONMENT

1 - GENERALITIES

These present special technical specifications concern **for the rehabilitation of classrooms in some Secondary and High Schools in the North West Region (divided into 3 lots)**

It is the duty of the contractor to realize the structure as per the execution plans that shall be approved by the project Manager provided by the project owner.

Through the project Manager, the contractor shall furnish the owner of the project within the shortest possible time with an installation plan showing clearly how he intends to run the work site. A fence in local materials shall enclose the whole work site to avoid trespassing

The contractor shall be responsible for the protection of the structures before final reception. He shall be equally responsible for all tools and materials present at the work site. He shall seek an insurance policy to cover theft and fire incidence.

The contractor shall take all preventive measures against accidents. The owner of the project reserves the right to intervene in case of any emergency without necessary interfering with the responsibilities of the contractor.

The contractor shall verify all dimensions on the plans. For execution, no dimension shall be measured with a scale rule from the plans. The contractor shall check inside the possibility of translating the dimensions on plans to the structure before work begins. He shall refer to the project Manager in case of any doubt. He shall not on his/her own modify anything on the structure and shall seek the approval of the project Manager of any changes that he considers necessary.

All modifications accepted by the contractor shall be accomplished in a specified duration and at his/her cost without modification of the contract amount. The owner of the project shall have the right to the final choice in case of any modification.

2 - PREPARATORY WORKS – SETTING OUT

These works concern the demolition of any existing structure on the site and the evacuation of the rubbles to the public discharge, the clearing and levelling of the site where necessary.

The contractor shall satisfy himself as to the accuracy in line, level and dimension of the basic survey information provided by the employer. He shall set out the works from all the employer benchmarks indicated in the drawings. The setting out will be in respect to the technical plans. The setting out profile boards will be at least 1, 20 m from the axes of the external wall; this is to facilitate trenching and other earthworks, and good circulation. The commencement of excavation will not be accepted by the project Manager without checking the conformity of the setting.

The minimal depth of the excavation trenches shall be of 80cm, and depending on the soil bearing capacity. Where there is black vegetable soil or soil with low bearing capacity at the bottom of the trench, the contractor shall continue excavation up to a depth as will be approved by the project Manager. The excavations will be done manually and no concrete or mortar shall be laid on the bottom of the trench without the acceptance of the project Manager.

The descriptive note completes or confirms the indications on the execution plans. In the case of contradictions between the plans and the descriptive note, the project team shall be contacted for examination, elaboration and conclusion.

These technical specifications have as objective the definition of the consistence of works to be executed in accordance with the plans and according to technical norms for the construction of buildings.

3 - FOUNDATION

3-1 EXCAVATION OF FOUNDATIONS FOR STRUCTURES

The excavation of foundation for structures and any associated drainage works shall be kept to the minimum. The sides of the exaction shall be properly timbered or sheet piled, shored and strutted as necessary to prevent subsidence or slipping of the surrounding soil.

All excavated surfaces, in material other than hard material, on which foundations for structures are to be placed shall be compacted to 105% MDD (AASHTO T99) immediately before foundations are constructed. Excavated surfaces in hard material shall be further excavated to achieve a minimum thickness of 50mm of blinding concrete.

Surplus excavation material shall be taken to spoil areas or may be used in adjacent earthworks if considered suitable by the engineer.

3-1-2 BACKFILLING OF EXCAVATIONS AND FILLING FOR STRUCTURES

Filling and backing filling operations around structures or in trenches or excavations and loading of structures shall not commence without the approval of the control Engineer.

The sequence of filling and backfilling behind and around a structure and the maximum difference in height at any time between fill levels shall be as directed by the Engineer.

All filling and backfilling shall be with selected materials approved by the Engineer, brought up in horizontal layers not exceeding 150mm compaction thickness. Each layer shall be thoroughly mixed, watered or dried as necessary, and compacted to a maximum Dry density of 105% MDD (AASHTO T99).

Timbering and sheeting left in for purpose of supporting the excavation shall be eased up 150 mm at a time in step with the backfill layer. Where instructed by the Engineer, timbering or sheeting shall be left in place.

3-2 Elevation of foundation walls

The elevation of foundation walls will be in agglomerated frog fill blocks of 20 x 20 x 40cm with a good crushing resistance. The mixing for block moulding should give at most 18 blocks per bag of cement. They should be kept set at a minimum strength at 28 days (in Mpa) before laying on the walls.

3-3 Floor slabs on hard-core

Floor slabs on hard core shall consist of reinforced concrete elements mesh of rods 6mm 350kg/m³ and of thickness 8cm. The slab shall be isolated from the structural frame and the ground beams by a dry joint. The platform shall be of carefully selected material and shall be compacted to at least 95% of the optimum dry density at Modified Proctor. Prior to levelling and compacting, the platform shall be purged of all poor quality material and/or soil that have deteriorated as a result of movement of equipment and rain action. Purged soil shall be replaced by lateritic material.

4 – ELEVATION WORKS

4-1 Concrete blocks

The elevation walls will be in agglomerated hollow blocks of 15 x 20 x 40cm with a good crushing resistance. The mixing for block moulding should give at most 32 blocks per bag of cement. They should be kept set for at least 28 days before laying on the elevation walls.

The reinforced concrete pillars of section 15 x 15 and 15 x 30 at 350 kg/m³ will be cast as one raises the agglomerated hollow blocks walls and this is to permit a good adhesion. The characteristic strength of concrete at 28 days should not be less than 16Mpa. The maximal spacing of the pillars is to be 5, 00 m of span or as on plans. The lintels 15 x 20 in reinforced concrete at 350 kg/m³ will be levelled to + 2,20 m above the level of the finished foundation.

The average height under the ceiling is 3,00m.

A chaining beam of 15 x 20 cm in reinforced concrete at 350 kg/m³ will be laid above the finished level of the agglomerated hollow blocks walls with fixing plates so as to receive the wooden roof truss.

4-2 Reinforcement steel

Hot-rolled bars for the reinforcement of concrete shall comply with BS 4449 or shall be of deformed bars EF40 for both main and secondary reinforcements. Cold-worked steel bars for the reinforcement of concrete shall comply with BS 4483. The elasticity limit for high yield steel shall be 400 Mpa.

TABLE 1 : REINFORCEMENT SCHEDULE.

N ^o	STRUCTURE	SIZES	RODS φ	RODS	STIRRUP Spacings	DOSAGE	TYPE
		Nos		Torsφ			
1	Footings	6	12mm	6mm	20cm	400kg/m ³	Fe-E-400
2	Damp proof course	4	10mm	6mm	20cm	400kg/m ³	Fe-E-400
3	Lintel (15x20)	4	8mm	6mm	20cm	350kg/m ³	Fe-E-400
4	Veranda Pillars	4	10mm	6mm	20cm	350kg/m ³	Fe-E-400
5	Wall pillars 15x15	4	10mm	6mm	20cm	350kg/m ³	Fe-E-400
6	Wall plate 15x20	4	8mm	6mm	20cm	350kg/m ³	Fe-E-400
7	Beams 20x20 or 15x20	4	10mm	6mm	20cm	350kg/m ³	Fe-E-400

TABLE 2: CONCRETE CLASSES AND STRENGTHS

INTENDED USE	CEMENT		MINIMUM STRENGTH AT 28 DAYS (in Mpa)	
	Nature	Dosage kg/m ³	Compression	Tensile
B1 Blinding concrete	CPJ 35	150		
B2 Buried structures	CPJ 35	350	22	1,8
B3 Normal structure Elevation	CPJ 35	350	22	1,8
B4 Eventually pre-stress concrete	CPJ 35	400	30	2,9
B5 Slope executions Finishes	CPJ 35	300		

TABLE 3: CLASSES OF MORTAR

INTENDED USE	Binder		Sand	
	Designation	Dosage kg/m ³	Gain size	Dosage
1 Bedding mortar	CPJ 35 XHA	150 200	0,08/2,5	1 000 1
2 Bonding mortar	CPJ 35	350	0,08/2,5	1 000 1
3 Cement plaster	CPJ 35	400	0,08/2,5	1 000 1
4 Lime cement plaster	CPJ 35 XHA	200 200	0,08/2,5	1 000 1
5 Cement screed	CPJ 35	450	0,08/2,5	1 000 1

4-3 FORMWORK FOR CONCRETE

Definitions

- ♦ Formwork means the surface against which concrete is placed to form a face, together with all the immediate supports to retain it in position while concrete is placed.
- ♦ False work means the structural elements supporting both the formwork and the concrete until the concrete becomes self-supporting.
- ♦ A form face is one, which has been cast against formwork.
- ♦ An exposed face is one, which remains visible after construction has been completed.

4-3-1 Removal of Formwork

Formworks shall be carefully removed without shock or disturbance to the concrete. No concrete shall be removed until the concrete has gained strength to withstand safely any stresses to which it may thereby be subjected.

The minimum periods which shall elapse between completion of placing and removal of forms are given in the table 4 and apply to ambient temperatures higher than 10°C. At lower temperatures if cement other than ordinary Portland are involved, the Engineer may instruct different periods.

TABLE 4: MINIMUM PERIODS FOR FORMWORK REMOVAL

Position of Formwork	Minimum period for ambient temperatures over 10°C	Strength to be Attained
Vertical or near vertical faces of mass concrete	24 hours	0.2C
Beam sides, columns and walls	2 days	-
Vertical or near faces of reinforced walls, beams and unloaded columns	48 hours	0.3C
Beams soffits (props left under)	7 days	-
Underside of arches beams and slabs (formwork only, props left under)	4 days	0.5
Support to underside of arches, beams and slabs	14 days	-
Floor slabs with frequently encountered spans	15 days	-
Floor slabs and beams with wide spans expected to receive imposed loads immediately after removal of formwork	28 days	-

4-3-1 Upper Floor Slabs

Upper floor slabs shall consist of hollow sandcrete blocks supported by reinforced concrete ribs and with a reinforced concrete compression zone. However, where it is explicitly prescribed or if otherwise indicated by structural considerations, the floor slabs or portions thereof shall be executed as solid slabs. In such cases, the solid slab shall be executed with B3 type concrete using C2 formwork, and taking all necessary measures to ensure provision of passages for various pipes and vertical tunnels as may be required, as well as the incorporation of various items.

4-3-2 Staircases

Staircases shall be constructed with type B3 reinforced concrete using type C3 formwork, in accordance with the shapes and dimensions indicated on plans. They shall comprise of stairs on reinforced platform, landings and half-landings in solid slab. They shall be housed or semi-housed as indicated by the plans.

4-4 PLASTERING

4-4-1 Plastering with Cement Mortar

Nº 3 cement mortar plaster shall be applied on block work as may be required on reinforced concrete surface after raking.

The plastering operation shall involve cleaning of the support surface, application of spatter-dash for adherence, a preliminary coat and a finishing coat of plaster with a minimum overall thickness of 15mm. The operation must be carried out manually and the use of any mechanical or pneumatic devices is strictly forbidden. Plastered finishes on form worked concrete shall comprise an open joint. The plastering shall be perfectly aligned and smooth-finished, with angles perfectly recti-linear.

4-5 RAINWATER DRAINAGE

4-5-1 Rainwater Gutters

The gutters shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 50 x 50 cm and minimum wall thickness of 10cm.

4-5 Sewage Drainage

The system adopted is the use of one batch collection and treatment unit per building receiving all foul matter. The unit is drained from time to time when it is full. The volume shall be determined on the basis of working design calculations for each individual case.

5 – ROOF TRUSS AND COVERING

5-1 Timber roof structural frame

General Description

The works described in this section involve the construction of timber roof structure (including trusses and purlins) in hardwood.

- *Trusses* of hardwood agreed by the Project Manager shall compose of single frame rafters of 5cm x15cm and spaced at 1.50m interval. These treated with xylamom rafters will be solidly attached to the wall plate with the help of standby beam iron rods also spaced at 1.50m spacing; i.e.: eucalyptus, mahogany, iroko etc,

- *Purlins*- shall consist of 5 x 8 cm timbers. All structural timber shall be treated with carbonyl or xylamon. The timber for the *roof work will be of good quality, with the straight grain and free of any defect.*

5- 2 Roof Covering

The nature of the roof cover envisaged within the framework of the present project shall be 5/10 curved shape gauge enameled aluminum roofing sheets (colour to be chosen by the contract engineer) of ample length. The sheets shall be fixed onto the purlins using screw nails equipped with aluminum caps and bituminous rubbers gaskets.

-*Facial board* shall be 40cm wide and of high rib aluminum sheets (tôle BAC) of 5/10 mm thickness.

-*Ceiling*- Ceiling will be made of 4mm thick (red plywood on both sides). Fastened on noggins of 6cm thick or 5x5 and treated with carbonyl. The spaces for ceiling joist panel will be 60x120cm in size. Eaves shall be equipped with wire mesh ventilation holes and for external ceiling, light metal sheet (TOLE LISSE) shall be used at the eaves

6 – JOINERY AND METAL WORKS

6-1 Scope

The work under this heading includes generally all interior wood finish, such as doors and frames, transom, base, skirting board, cupboards, cases, cabinets, lockers, shelving, fittings for special rooms, etc..., and all external wood finish as required by the drawings and specifications.

6-1-1Doors Frame

Provided, unless otherwise specified in the details drawings, 18 x 5cm rebated frames or linings to all doors and fix to walls with four galvanized or wrought iron building in-lugs screwed to back of frame and built into joints of block work.

Fix feet of all doorframes with 1cm x15cm mild steel rod doveled into frame and floor or all doors, factory manufactured, delivered to site with door hinged on and closed into the frame will be mounted with faces flushed with the finished plastered surface on the walls to take architraves.

6-1-2 Shelving

Provide 2.5cm hardwood shelving to cupboard alcoves as indicated where applicable on drawings fixed on 5cm x 2.5cm framed gallow brackets. All shelving shall be fitted 2.5cm clear of wall face with frames and shutters.

6-1-3 Metal Doors

All doors will be made of wrought iron double metal fitted on metallic frame anchored in the wall with angle 35mm metal of Size; 2.20m x 0.97m. Angle bar 35mm for metallic doors and for window frames and shutters. Moreover, all windows shall have fitted and fixture or solid metal protectors inside.

6-2 EXTERIOR HARDWOOD ENTRANCE DOORS

Furnish and set all wood entrance doors indicated on the drawings. The doors shall be made out of hardwood found in Cameroon. (Mahogany, Iroko etc.) all of selected grade.

Rails, stiles and panels shall be solid. The doors shall be primed with one coat of pure white lead linseed oil paint before delivery except otherwise decided by the contract Engineer. The contractor reserves the right to take apart one door for examining the materials and method of construction.

Panels of exterior entrance doors shall be of the floating type, constructed on built-up cross of narrow strips of thickness required by the details, of Mahogany or hardwood timber with grain reserved in alternate trips, glued together under machine pressure. All glue used in the construction of these exterior doors shall be of phenolic resin type capable of resisting any tests demanded by the Engineer. All surfaces of door shall be properly sanded and prime with one coat of pure white lead and linseed oil paint before delivery. When delivered at the building the doors shall be once fitted to the openings and all edges sealed with a heavy coat of approved paint by the Engineer except otherwise decided.

6-3 INTERIOR DOORS, TRIM, ETC...

Furnish and set all wood doors, transoms, amps, bars, trim, plinths, partitions, etc., as indicated on the details and scale drawings.

Stiles and rails shall be blind-tenoned, wedged and glued together. Panels shall be tongued and grooved into stiles and rails, and glued together under machine pressure. Interior flush wood doors may be assembled with highly water-resistance glue and 2cm hardwood spiral dowel, five inches long, or with mortise and tenons with blind wedges.

6-4 WINDOWS

All windows shall be of glass and frame with aluminum vitreous enamel, in accordance with details working drawings. Unless otherwise indicated.

7 - PLUMBING - SANITARY

7-1 GENERAL

This section relates to all plumbing installations located within the building.

7-1-2 DEFINITION OF WORKS

THE WORKS INVOLVE:

- ♦Construction of network for evacuation of foul waste, waste water and rain water from the building.
 - ♦Supply, installation and connection of sanitary equipment, including related pipe-work for the building.
- The contractor for plumbing works shall execute all buried portions of the works as shall be necessary for the proper functioning of the structure, with the exception of those aspects of works that are attributed to the section in charge of site works.

Pipes Diameters for Connection and Discharge Rates for Various Sanitary Installations

WC English type	D 10/12	6l/min
Wash hand basin	D 12/14	12l/min
Shower	D 14/16	15l/min
Urinary	D 12/14	6l/min
Sink	D 12/14	12l/min

Pipes Diameters for Connection and Flow Rates for Various Sanitary Installations

Shower	D 40	30 l/min
Wash hand basin	D 32	45 l/min
Sink	D 40	30 l/min
WC	D 100	90 /min

7-2 RAINWATER - WASTEWATER AND FOUL WATER DRAINAGE

7-2-1 GENERAL

The pipes works shall consist of rigid evacuation series PVC tubes of appropriate diameter, including all necessary accessories for placing, assembling, connection, etc. Waste water and foul water shall be

evacuated separately. The networks shall transport their loads by gravity right up to the external inspection chambers.

Foul water is water discharged from the WCs.

Waste water comprises all other water discharges that need to be evacuated, including water from floor drains, but excluding rainwater collected from roofs, terraces and gutters.

Drainage plugs shall be provided at each change in flow direction, and if possible, at each single point.

Rainwater Drainage Network

In general, the assignment of the present section starts from the point of rainwater in roof gutters installed by the section responsible for roof cover and on terraces constructed by the section for waterproofing. Rainwater collected in the roof gutters is spilled on to the terraces or evacuated through PVC down-pipes of appropriate diameter, right down to the inspection chambers at the foot of the down-pipe.

The pipe works shall be supported by means of metal rings (type: COLSON or equivalent) of appropriate diameter for evacuation of waste water and foul water.

Floor Drains

Floor drains in all the buildings if provided shall be of stainless steel, with retention basket, easily removable for purposes of cleaning. They shall be properly fitted into the floor finish in order to avoid standing water or accumulation of dirt.

7-2-2 Foul Water Chambers

These chambers shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 40x30 cm.

7-2-3 Sewage Drainage

The system adopted is the use of one batch collection and treatment unit per building receiving all foul matter. The unit is then drained from time to time when it is full. The volume shall be determined on the basis of working design calculations for each individual case.

8- ELECTRICAL INSTALLATION

8-1 DESCRIPTION OF STRUCTURES

8-1-1 GENERAL

The works described in this chapter involve the supply and full development of all materials necessary for the putting in place of electrical installations for the building.

8-1-2 SCOPE OF WORK

The works shall generally comprise of the following:

- Supply, transportation and installation of equipment
- Main distribution box
- Low voltage horizontal distribution boards
- All wiring for special connections
- All conduits and cable carriers Normal lighting of all spaces
- Security lighting
- Small light fittings, sockets, switches
- Earthed socket and interconnection networks

The present works description is in no way restrictive, and the contractor shall supply all materials and execute all works within his professional domain that may be necessary for the complete execution of the structure.

The interior facilities (sheaths VGV cables, TH etc...) will be executed according to the norms and the rules concerning electrical installations at the time of the oversite concrete or as the agglomerated hollow blocks walls are being raised. Any necessary branching from **Eneo** network should respect the regulation in force. Accessories and luminous elements (sockets, switches etc...) will be of good quality. The set of facilities will be joined to a general earth hold.

9- RENDERING (PLASTERING) AND COATINGS

9-1 Plastering with Cement Mortar

Nº 3 cement mortar plaster shall be applied on block work as may be required on reinforced concrete surface after raking.

The plastering operation shall involve cleaning of the support surface, application of spatter-dash for adherence, a preliminary coat and a finish coat of plaster with a minimum overall thickness of 15cm. the operation must be carried out manually and the use of any mechanical or pneumatic devices is strictly forbidden. Plastered finishes on form worked concrete shall comprise an open joint. The plastering shall be perfectly aligned and smooth-finished, with angles perfectly recti-linear.

9-1-1 Concrete surface finishes

Two types of concrete surface finishes are specified:

A- Brute concrete surfaces

For this type, the works shall be carried out as follows: Prepare and refill voids, make good all defects on angles, joints, etc.,

B- Painted concrete surfaces:

For this type of concrete surface, the following works shall be carried out: Prepare and refill voids, make good surface defects as appropriate with TECHNICOAT approved products, including all preparatory works prescribed for concrete surfaces to be painted.

9-1-2 Blinding Courses and Lintels

Make good binding courses, and lintels, window and door sills including verification of levels, and surface preparation to ensure proper adherence of plastering with mortar type

3.

9-2 SCREEDS, BUBBING UP, BASES AND WORKTOPS

9-2-1 Screeds and dubbing

They shall be executed with mortar type n° 5 in conformity with thickness specified on architectural and structural drawings. In general, these screeds will be smooth finished; they shall be pattern-finished in areas where they constitute final floor finishing.

10- PAINTING

10-1 scope

The work under this section shall include the furnishing of all material and labour to complete all interior and exterior painting as hereinafter specified for the building.

The contractor shall be required to finish all interior and exterior painting in accordance with the various colours selected by the project owner for the various rooms, corridors and all other locations throughout the building in accordance with a colour schedule.

10-2 EXTERIOR WOODWORK AND METALWORK

10-2-1 Exterior Woodwork

Sash and doors including frames shall be painted in two coats of the specified oil paint in addition to the shop coat. Exposed surfaces of steel lintels shall be painted with the windows.

All other exterior woodwork not otherwise specified, shall be primed with a heavy coat of lead and oil paint on all sides and edges before erection, and painting with two coats of the specified finish paint.

10-2-2 Exterior Metal Work

Prior to finishing with the desired type of protective and decorative coating, all metal surfaces must be properly clean and prime with a rust inhibiting primer. The surface should be free of dust, scale, grease, oil, wax or other contaminant that impair the adhesion of the primer.

Paint all surfaces of exterior structural metal work with red lead pigment or other suitable paint. All steel lintels in exterior walls (not connected by hangers, bolts, or otherwise to the structural steel work shall be painted in a field coat of red oxide before erection.

In addition to the shop coat of miscellaneous and ornamental ironwork all exposed exterior miscellaneous ornamental iron work shall be given two coats of zinc dust pigment or other suitable finish paints to be decided by the control Engineer. This shall also apply to all exterior lintels furnished under structural steel. Galvanised iron railings and wirework shall be given one coat of approved galvanised iron primer and one coat of lead, zinc and titanium paint or aluminium as will be appropriate.

All exterior mild steel metal windows and doors, after being erected shall receive two coats of zinc dust pigment or other suitable paint.

10-3 INTERIOR WOODWORK

All woodwork, in addition to the staining and filling, lacquering or shellacking, specified to be done under other sections of work shall be finished with one coat of spare varnish as will appropriate or decided by the control Engineer. Prime veneer finished flush doors, solid timber panel doors, finishing architraves, etc... and cabinets shall receive three coats of varnish. Plywood suspended ceilings; Cabinets under worktops in kitchens shall be painted in three coats of oil paint as appropriate.

10-3-1 Plaster, Concrete and Masonry

All plastered, concrete or masonry surfaces throughout the building (except the walls and the ceilings of the pipes and duct spaces) shall be painted as hereinafter specified.

The plastered walls and ceilings, including surfaces shall be given priming or first coat, and then finished with a second and final coat of exterior or interior acrylic resin emulsion paint. No painting is required on finished plastering that is permanently concealed at the back of fixed cabinets, etc.

10-4 PAINTS

All materials shall be delivered on the premises in the original sealed containers with the seal unbroken and with the name and trade brand of the manufacturer on each container. The manufacturer shall also place on each container a label on which he recommends the thinner to be used with the particular paint or otherwise decided by the control Engineer.

The interior walls and the ceiling will be painted in pantex 800. The outside walls will be painted in pantex 1300.

11- OUTSIDE AMENITIES AND LAYOUT PLANNING

11-1 RAINWATER CHAMBER

The chambers shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their dimensions shall be 40x30 cm, and minimum wall thickness of 10cm.

11 -1-1 Reinforced Concrete Covered Gutters

Covered reinforced concrete gutters shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 40x30 cm, and minimum wall thickness of 10cm

11-2 RAINWATER - WASTEWATER AND FOUL WATER DRAINAGE

11-2-1 GENERAL

The pipes works shall consist of rigid evacuation series PVC tubes of appropriate diameter, including all necessary accessories for placing, assembling, connection, etc. Waste water and foul water shall be evacuated separately. The networks shall transport their loads by gravity right up to the external inspection chambers.

Foul water is water discharged from the WCs.

Waste water comprises all other water discharges that need to be evacuated, including water from floor drains, but excluding rainwater collected from roofs, terraces and gutters.

Drainage plugs shall be provided at each change in flow direction, and if possible, at each single point.

Rainwater Drainage Network

In general, the assignment of the present section starts from the point of rainwater in roof gutters installed by the section responsible for roof cover and on terraces constructed by the section for waterproofing. Rainwater collected in the roof gutters is spilled on to the terraces or evacuated through PVC down-pipes of appropriate diameter, right down to the inspection chambers at the foot of the down-pipe.

The pipe works shall be supported by means of metal rings (type: COLSON or equivalent) of appropriate diameter for evacuation of waste water and foul water.

Floor Drains

Floor drains in all the buildings if provided shall be of stainless steel, with retention basket, easily removable for purposes of cleaning. They shall be properly fitted into the floor finish in order to avoid standing water or accumulation of dirt.

11-2-2 Foul Water Chambers

These chambers shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 40x30 cm.

11-2-3 Sewage Drainage

The system adopted is the use of one batch collection and treatment unit per building receiving all foul matter. The unit is then drained from time to time when it is full. The volume shall be determined on the basis of working design calculations for each individual case.

12- FLOOR AND WALL FINISHES

12-1 INTRODUCTION

This section of the specifications concerns works for all internal floor and wall tiles as well as all heavy finishes on external walls and concrete elements for the building. Generally, floor tiles shall be of granite stoneware, porcelain stoneware or unglazed ceramics, and wall tiles shall be of glazed vitrified ceramics for external walls and glazed vitrified porcelain for internal walls. External block wall surfaces shall be finished with ordinary cement plaster (smooth finished) to receive paint, manufactured finishing mortar, or roughcast with patterned pebbledash. External vertical structural elements in concrete shall be left in their natural smooth cement finish, or tiled. Pre-cast concrete horizontal elements and roof parapets shall receive tiling. Finishing joints shall be provided to mark changeover from one finishing type to another i.e. between vertical concrete elements (columns) and horizontal panels.

12-2 GENERAL

Porcelain stoneware tiles and vitrified ceramic tiles must be of good physical and chemical properties in conformity with stated codes: (BS, DTU, CSTB, Enamel porcelain Institute, etc.)

All tile work shall be clean upon completion, care being taken of all adjoining material and all work shall be left in a satisfactory condition.

The surfaces to receive tiles shall be well wetted, and the tile well soaked with clean water before application, no more tiles shall be removed from the soaking tubs to drain board than be applied within the hour.

- ♦ All wall tiles shall be laid up with vertical joints (not over 2mm thick), continuous and unbroken in perfect alignment.
- ♦ The tile shall be buttered or floated to suit conditions.
- ♦ Tiles shall be set, with type B mortar, to the required levels and planes with true lines and angles.
- ♦ Cut edges of tile shall be carefully ground and jointed. Do all cutting and drilling required for setting and as may be required by others in a neat manner without marring the surface.

13 - PROTECTION OF THE ENVIRONMENT

The entrepreneur will propose to the control engineer, before the beginning of works, the place of his/her yard facilities and will request his/her authorization of installation.

The site must be chosen outside of the sensitive zones, in order to limit the site clearing, the extraction of bushes, the setting out of the building and general circulation.

The site must foresee an adequate drainage of waters on the whole surface. The maintenance and of washing areas should be concreted. These maintenance areas should have a slope toward a cesspool provided for the purpose and toward the inside of the platform in order to avoid the out-flow of the polluting products toward the site and the neighbourhood.

At the end of the works, the entrepreneur will do all necessary works to the restoration of the various places of the site. The entrepreneur should fold all his/her material, and equipment. He should demolish all temporary installation, as foundation, support made of concrete or metallic, etc. in order to put back the site in its nearest initial state. No equipment or materials should be abandoned on the site or in the vicinity after the execution of all the works. Left-over materials are to be covered with a layer of earth, and the site has to receive an adequate drainage in order to avoid all erosion as the case may be.

Document N°. 6
SCHEDULE OF UNIT PRICES

UNIT PRICE LIST FOR THE PROJECT

UNIT PRICE LIST for the Rehabilitation of three (3) Classrooms at GBHS Kumbo; Kumbo
Sub Division - Bui Division

No	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
100	PRELIMINARY WORKS				
101	Studies	ff	1		
102	Site Installation	ff	1		
103	Environmental impact notice	ff	1		
	Total 100				
200	DEMOLITION				
201	Walls to be demolished	m ²	144		
202	Walls plastering to be scraped off	m ²	265		
203	Beams, pillars and Slabs to be demolished	m ³	3.85		
204	Floor to be demolished	m ³	180.6		
	Total 200				
300	MASONARY AND WOODWORK				
301	Walls to be replastered and treated	m ²	127		
302	Beams and pillars to be reinforced	m ³	5.5		
303	Floor concreting and finishing with cement paste	m ²	87		
304	Mass concrete for the verandah and finishing with cement paste	m ²	28		
305	blackboard 5,00 X 1,20 to be repaired with cement finishing.	u	8		
306	16mm angle iron for veranda edges	ml	48		
	Total 300				
400	ROOF				
401	complete wooden roof Truss	m ³	10		
402	5 X 8 Purlins with 4 X4 noggins	m ³	7		
403	Ply wood boads including noggings for the whole structure	m ²	200		
404	5/10 Aluminium roofing sheets with fascia board sheets	m ²	440		
405	Alu ridge piece	ml	46		
406	Alu gable edge piece	U	24		
407	External perimeter ceilling in metal sheet (tôle lisse) including ventilation	m ²	110		
	Total 400				
500	DOORS/WINDOWS AND ACESSORIES				
501	New metallic doors including all accessories to be affixed in the classrooms	u	3		

502	Repair of all clustras window openings for the classrooms with cement paste.	u	12		
	Total 500				
600	PAINTING				
601	Application of one coat quicklime on block walls	m ²	926		
602	Application of Two coats of Pantex 800 on ceiling and internal walls	m ²	780		
603	Application of Two coats of Pantex 1300 on external walls	m ²	220		
604	Application of one coat of Oil paint on skirting, doors, windows &	m ²	180		
	Total 600				
700	ELECTRICITY				
701	11 mm PVC flexible conduit pipes Conduit pipes	roll	4		
702	1,5 V.G.V Cables for sockets 1.5mm2 for ceiling/lighting	roll	4		
703	1,5 V.G.V Cables for lighting point	roll	4		
704	1,20 Fluorescent complete lamps	u	34		
705	Complete sockets	u	15		
706	One way one gang complete Switches	u	15		
707	Four ways main switch	U	3		
708	Earth complete wiring cables	roll	3		
	Total 700				
800	DRAINAGE				
801	Drain Gutters in concrete at the front of the building	ml	40		
802	Laying of concrete on area between building and gutter at the back of the building	m ³	16		
803	Concretinte Ramps 1,20 m wide on veranda entrance	u	9		
	Total 800				
	Grand Total excluding Taxes				
	AIR: 5.5%				
	TVA: 19.25%				
	Total with Taxes				
	Net Amount Payable				

UNIT PRICE LIST FOR THE PROJECT

UNIT PRICE LIST FOR THE REHABILITATION OF FOUR CLASSROOMS AT GOVERNMENT SECONDARY SCHOOL (G.S.S) ISE, BAFMENG IN FUNGOM SUB-DIVISION, MENCHUM DIVISION OF THE NORTH WEST REGION.					
ITEM	DESCRIPTION	UNIT	Q'TY	UNIT PRICE	AMOUNT
	100:PRELIMINARY WORKS				
101	Inspection of worksite and site installation.	ff	1		
102	Preparation of working Documents (Execution plan and Asbuilt plan)	Ls	1.00		
	SUB TOTAL 100				
	200:EARTHWORKS				
201	Backfilling with selected lateritic soil in areas affected by erosion.	m3	15.25		
	SUB TOTAL 200				
	300: REPAIRS ON THE FOUNDATIONS				
301	Repair of some parts of the foundation with stone work.	m2	58.7		
302	R.C. in affected areas on the foundation.	m3	3.72		
303	Mass concrete for the broken parts of the floors with the external veranda inclusive (8cm thick dosed at 300kg/m3).	m3	17.54		
	SUB TOTAL 300				
	400:WORKS ON THE MASONRY WALLS				
401	Blocks of 15×20×40 for broken walls of all the structures available at the premises with external toilet inclusive.	m2	185.40		
402	R.C. for broken pillars, lintels, and beams dosed at 350kg/ m3	m3	8.90		
403	Rendering (Plastering of walls) with cement mortar dosed at 300kg/ m3	m2	872		
404	Wall blackboard (500x120)cm with cement paste finish including painting with good quality black paint as prescribed.	U	4		
405	Floor finish in cement screed of 3cm thick and cement paste for all broken floors and verandas.	m2	420.50		
406	Blackboard stages with angle bars at the edges	U	4.00		
	SUB TOTAL 400				
	500:ROOF				

501	Truss (complete in hard wood treated. king-post=175cm)	U	24		
502	Purlins (5x8)	ml	520		
503	Noggings (4x4)	m2	420		
504	Ceiling in hard plywood (4mm thick & red on both sides)	m2	420		
505	Ceiling at the eaves (external perimeter) with smooth zinc sheet (tôle lisse)	m2	78.0		
506	Aluminum roofing sheets (tôle bac 5/10mm)	m2	475.0		
507	Fascia board (tôle bac 3.5/10mm of 30cm height) including lining	ml	140.6		
508	Angle sheets of 50cm large	ml	47.4		
509	Aluminum ridge cap	ml	48.6		
510	Ventilation of roof with pre-fabricated air blocks and wire mesh at the eaves	U	4		
SUB TOTAL 500					
600:JOINERY					
601	Complete metal doors of 210cm high; 100cm wide with accessories like inlocks (VACHETTE OR PACO), two pad locks, etc.	U	4		
602	Complete metal window framing of 140cm high; 120cm width having window protectors of 140cm high; 120cm width (tube 25mm) fitted internally with double shutters of Lampersen	U	1		
604	30mm angle metallic bar at veranda/door	ml	110.0		
SUB TOTAL 600					
700:ELECTRICAL INSTALLATIONS					
701	11mm conduit pipes	Roll	2.0		
702	Cables V.G. V 1.5mm2 for lighting	Roll	2.0		
703	Cables TH 2.5mm2 for power sockets	Roll	2.0		
704	Complete fluorescent lamps 4ft (1,20m)	U	28.0		
705	Two way switches built-in	U	12.0		
706	Power sockets built-in	U	16.0		
707	Master switch for sockets	U	4.0		

708	Complete earthing of the structures (copper cable 3m, earth rod 1m etc.)	ff	1		
SUB TOTAL 700					
800:PAINTING					
801	Priming coat in ordinary paint (National paint)	m2	872		
802	Two coats of cream water based paint on internal walls (KEL-PRO)	m2	390.4		
803	Two coats of water resistant paint on external walls(Kelly Moore Professional)	m2	286.6		
804	Red oxide oil paint on metallic door and skirting up window level from internal and floor.	m2	289.0		
805	Painting of the building and veranda ceiling with two coats of white glue paint(crystal white)	m2	400		
SUB TOTAL 800					
900: EXTERNAL WORKS					
901	Concreted rain water (run-off) gutters 35cm wide at slope of 10%	ml	141.2		
902	Concrete slab on gutters at entrances (1.2m wide) protected with 30mm angle bar at edges	u	16		
903	Concrete ramps (1.2m wide) protected with 30mm angle bar at edges	u	4		
SUB TOTAL 900					
S U M M A R Y					
100:PRELIMINARY WORKS					
200:EARTHWORKS					
300: REPAIRS ON THE FOUNDATIONS					
400:WORKS ON THE MASONERY WALLS					
500:ROOF					
600:JOINERY					
700:ELECTRICAL INSTALLATIONS					
800:PAINTING					
900: EXTERNAL WORKS					
TOTAL WITHOUT TAXES					
VAT: (19.25%)					
AIR: (2.2%)					
TOTAL TAXES					
TOTAL WITH TAXES INCLUSIVE (ATI)					
NET PAYABLE					

UNIT PRICE LIST FOR THE PROJECT

UNIT PRICE LIST FOR THE CONSTRUCTION OF A BLOCK OF THREE (03) CLASSROOMS AND TWO (02) OFFICES AT GSS BIH NKAMBE, NKAMBE SUBDIVISION, DONGA MANTUNG DIVISION, NORTH WEST REGION					
N°	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
100	PRELIMINARY WORKS				
101	Inspection of work site installations (fencing, information to be posted, execution programme, as-built plan, etc) and site installation of contractor & his personnel.	ff	1		
102	Clearing of the site and removal of vegetable soil	m2	555.00		
103	Setting out of the building	ff	1		
	<i>SUB - TOTAL 100</i>				
200	EARTH WORKS				
201	Leveling of the platform	m3	721.5		
202	Digging of foundation trenches	m3	169		
203	Back filling with selected laterite soil	m3	99.25		
	<i>SUB - TOTAL 200</i>				
300	FOUNDATION				
301	Lean (blinding) concrete	m3	2.2		
302	Foundation in filled frog blocks /stones	m3	105		
303	R.C for footings, pillars and ground beams	m3	10.01		
304	Concrete floor (8cm thick dosed at 350Kg/m3)	m3	226.9		
	<i>SUB - TOTAL 300</i>				
400	WALL MASONRY				
401	Blocks of 15x20x40cm for wall elevation	m3	217		
402	Plastering of walls with cement mortar dosed at 350Kg/m3	m3	434		
403	R.C for pillars, lintels, and beams dosed at 350/Kg/m3	m3	10.25		
404	Wall blackboard (500x120)cm with cement paste finish including painting with good quality black paint	U	6		
405	Floor finish in cement screed	m2	175		
406	Blackboard stages	U	3		
	<i>SUB - TOTAL 400</i>				
500	ROOF				
501	Truss (complete in hard wood),	m3	3.3		
502	Purlins (5x8)	m3	1		
503	Noggings (4x4)	m3	1.62		
504	Ceiling in hard plywood (4mm thick and red on both sides)	m2	238		
505	Ceiling in hard plywood (4mm thick SAPLLE and red on both sides) for offices	m2	299		
506	External perimeter ceiling in smooth zinc sheet (tôle lisse) including ventilation	m2	64		

507	Aluminium roofing sheets (tôle bac 4/10mm)	m2	310		
508	Fascia bord sheet (tôle bac 3.5/10mm of 30cm height)	ml	80		
509	Angle sheets of 50cm large	U	20		
510	Alu ridge cap/Alu ridge piece with Alu gable edge piece	U	32		
511	ventilation of roof (pre-fabricated) at the eaves	U	2		
	SUB - TOTAL 500				
600	METAL WORKS				
601	Complete metal doors of 210x100 each with accessories like one in-lock (VACHETTE or PACO) and two pad locks	U	6		
602	Complete metal doors of 210x90 each with accessories like one in-lock (VACHETTE or PACO) and two pad locks	U	2		
603	Complete window protectors of 110cm high, 210cm width (tubes 25mm) fitted externally	U	15		
604	Complete window protectors of 110cm high, 200cm width (tubes 25mm) fitted externally	U	2		
605	Complete window protectors of 110cm high, 150cm width (tubes 25mm) fitted externally	U	1		
606	Aluminium glazed windows fitted internally	m2	26.95		
607	30mm angle bar at veranda/door /black board stages edges	ml	35.8		
	SUB - TOTAL 600				
700	ELECTRICAL INSTALLATIONS				
701	11mm PVC conduit pieps	rolls	4		
702	Cables V.G.V 1.5 mm2 for ceiling/lighting	rolls	4		
703	Cables TH 2.5mm2 for sockets	rolls	4		
704	complete fluorescent lamps of 1.20m (4ft)	U	27		
705	Two way switches built-in	U	10		
706	Complete sockets built-in	U	16		
707	Master switch for sockets	U	4		
708	4-way main switch + accessories	ff	1		
	SUB - TOTAL 700				
800	PAINTING				
801	Priming coat in ordinary paint	m ²	464.1		
802	Two coats of crystal white glue paint on the ceiling	m ²	210.6		
803	Two coats of water secondaire paint on internal walls (KEL-PRO interior latex or Pantex 800)	m2	253.5		
804	Two coats of water resistant paint on external walls (KEL-PRO Exterior latex or PANTEX 1300)	m2	188		
805	Two coats of chassis red oil paint on doors, windows protectors and skirting	m2	167		
	SUB - TOTAL 800				
900	EXTERNAL WORKS				
901	Concreted rain water gutters for drainage	ml	84.5		
902	Concreting of external veranda	m2	78		
903	Concrete slab on gutter at entrances (1.2m wide)	U	4		

904	Concrete ramps (1.2m wide)	U	2		
905	Digging and protection of a dumping pit of 1m square wide and 1m deep	U	1		
	<i>SUB - TOTAL 1000</i>				
	SUMMARY				
100	<i>PRELIMINARY WORKS</i>				
200	<i>EARTH WORKS</i>				
300	<i>FOUNDATION</i>				
400	<i>WALL MASONRY</i>				
500	<i>ROOF</i>				
600	<i>METAL WORKS</i>				
700	<i>ELECTRICAL INSTALLATIONS</i>				
800	<i>PAINTING</i>				
900	<i>EXTERNAL WORKS</i>				
	TOTAL WITHOUT TAXES (1)				
	VAT (19,25% of 1) (2)				
	A.I.R (5.5 % of 1) (3)				
	TOTAL ATI (=1+2)				
	NET PAYABLE (=1-3)				

UNIT PRICE LIST FOR THE PROJECT

UNIT PRICE LIST FOR THE CONSTRUCTION OF A TOILET BLOCK AT AT GSS BIH, NKAMBE SUBDIVISION, DONGA MANTUNG DIVISION, NORTH WEST REGION.

N° PRIX	DESIGNATION	UNITE	QUANTITE	P.UNITAIRE	PRIX TOTAL
Lot 100;	PRELIMINARY SITE WORK				
101	Site Clearing	m ²	178		
102	Study and Installation of site	ff	1		
	Sous- total Lot 100				
Lot 200;	EARTH WORKS				
201	leveling of plate form	m ²	86		
202	Sinking of the toilet pit 6.00m x 2.50m x 1.85m	m ³	36		
203	Backfilling with selected laterite soil	m ³	2		
	Sous- total Lot 200				
Lot 300;	FOUNDATIONS				
301	Lean concrete p.c 200kg/m ³	m ³	0.5		
302	Reinforced concrete for footing, 30x20cm dosed at 350kg/m ³	m ³	1.3		
303	Blocks of 15x20x40 cm frog filled	m ²	6		
304	Reinforced concrete for pillars, lintels beams and slab of pit at 350kg/m ³	m ³	2.5		
	Sous- total Lot 300				
Lot 400;	BLOCK WORK IN ELEVATION				
401	Blocks of 15x20x40 for wall elevation	m ²	24		
402	Blocks of 10x20x40 for wall elevation	m ²	16		
403	Rendering with cement mortar	m ²	86		
404	Reinforced concrete for pillars, lintels, & chaining beams and dosed at 350kg/m ³	m ³	1.4		
405	Floor finish in cement screed	m ²	12		
	Sous- total Lot 400				
Lot 500;	CARPENTRY AND JOINERY				
501	Truss (complete in hard wood)	m ³	0.8		
502	Purlins and nogging (5x5)	m ³	0.5		
503	Fascia board Plank	ml	20		
504	Alum roofing sheets tôle bac 6/10e	m ²	24		
505	Angle sheets of 35cm width	ml	5		
506	Gable end with Aluminium sheets	ml	11		
507	Ceiling in hard plywood (4mm thick & red on both sides)	m ²	23		
	Sous- total Lot 500				
Lot	METALIC WORKS				

600;					
601	Metalic or wooden doors of 70 x 210 + complete Accessories	U	6		
	Sous- total Lot 600				
Lot 700;	PLUMBING AND SANITORY FITTINGS				
701	Concrete toilet seat	U	6		
	Sous- total Lot 700				
Lot 800;	PAINTING				
801	Paint on the ceiling	m ²	23		
802	Two coats of water resistant paint on external walls (PANTEX 1300)	m ²	22		
803	Two coats of water based paint on internal walls (PANTEX 800)	m ²	62		
804	Two coats of chassiss red Oil paint on doors, windows protector & skirting	m ²	38		
	Sous- total Lot 800				
Lot 900;	EXTERNAL WORKS				
901	Rain water drainage gutters	ml	22		
902	concrete slab round the building	m3	14		
	Sous- total Lot 900				
	TOTAL EXCLUDING TAXES				
	T.V.A (19,25 %)				
	TOTAL ALL TAXES INCLUSIVE				
	I.R (5.5 %)				
	NET PAYMENT				

Document N°. 7
BILL OF QUANTITIES AND ESTIMATES

**Bill of Quantities and Cost Estimates for the Rehabilitation of three (3) Classrooms at
GBHS Kumbo; Kumbo Sub Division - Bui Division**

No	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
100	PRELIMINARY WORKS				
101	Studies	ff	1		
102	Site Installation	ff	1		
103	Environmental impact notice	ff	1		
	Total 100				
200	DEMOLITION				
201	Walls to be demolished	m ²	144		
202	Walls plastering to be scraped off	m ²	265		
203	Beams, pillars and Slabs to be demolished	m ³	3.85		
204	Floor to be demolished	m ³	180.6		
	Total 200				
300	MASONRY AND WOODWORK				
301	Walls to be replastered and treated	m ²	127		
302	Beams and pillars to be reinforced	m ³	5.5		
303	Floor concreting and finishing with cement paste	m ²	87		
304	Mass concrete for the verandah and finishing with cement paste	m ²	28		
305	blackboard 5,00 X 1,20 to be repaired with cement finishing.	u	8		
306	16mm angle iron for veranda edges	ml	48		
	Total 300				
400	ROOF				
401	complete wooden roof Truss	m ³	10		
402	5 X 8 Purlins with 4 X4 noggins	m ³	7		
403	Ply wood boards including noggings for the whole structure	m ²	200		
404	5/10 Aluminium roofing sheets with fascia board sheets	m ²	440		
405	Alu ridge piece	ml	46		
406	Alu gable edge piece	U	24		
407	External perimeter ceilling in metal sheet (tôle lisse) including ventilation	m ²	110		
	Total 400				
500	DOORS/WINDOWS AND ACESSORIES				
501	New metalic doors including all accessories to be affixed in the classrooms	u	3		

502	Repair of all clustras window openings for the classrooms with cement paste.	u	12		
	Total 500				
600	PAINTING				
601	Application of one coat quicklime on block walls	m ²	926		
602	Application of Two coats of Pantex 800 on ceiling and internal walls	m ²	780		
603	Application of Two coats of Pantex 1300 on external walls	m ²	220		
604	Application of one coat of Oil paint on skirting, doors, windows &	m ²	180		
	Total 600				
700	ELECTRICITY				
701	11 mm PVC flexible conduit pipes Conduit pipes	roll	4		
702	1,5 V.G.V Cables for sockets 1.5mm2 for ceiling/lighting	roll	4		
703	1,5 V.G.V Cables for lighting point	roll	4		
704	1,20 Fluorescent complete lamps	u	34		
705	Complete sockets	u	15		
706	One way one gang complete Switches	u	15		
707	Four ways main switch	U	3		
708	Earth complete wiring cables	roll	3		
	Total 700				
800	DRAINAGE				
801	Drain Gutters in concrete at the front of the building	ml	40		
802	Laying of concrete on area between building and gutter at the back of the building	m ³	16		
803	Concretinte Ramps 1,20 m wide on veranda entrance	u	9		
	Total 800				
	Grand Total excluding Taxes				
	AIR: 5.5%				
	TVA: 19.25%				
	Total with Taxes				
	Net Amount Payable				

BILL OF QUANTITIES AND COSTS ESTIMATES FOR THE REHABILITATION OF FOUR CLASSROOMS AT GOVERNMENT SECONDARY SCHOOL (G.S.S) ISE, BAFMENG IN FUNGOM SUB-DIVISION, MENCHUM DIVISION OF THE NORTH WEST REGION.

ITEM	DESCRIPTION	UNIT	Q'TY	UNIT PRICE	AMOUNT
	100:PRELIMINARY WORKS				
101	Inspection of worksite and site installation.	ff	1		
102	Preparation of working Documents (Execution plan and Asbuilt plan)	Ls	1.00		
	SUB TOTAL 100				
	200:EARTHWORKS				
201	Backfilling with selected lateritic soil in areas affected by erosion.	m3	15.25		
	SUB TOTAL 200				
	300: REPAIRS ON THE FOUNDATIONS				
301	Repair of some parts of the foundation with stone work.	m2	58.7		
302	R.C. in affected areas on the foundation.	m3	3.72		
303	Mass concrete for the broken parts of the floors with the external veranda inclusive (8cm thick dosed at 300kg/m3).	m3	17.54		
	SUB TOTAL 300				
	400:WORKS ON THE MASONERY WALLS				
401	Blocks of 15×20×40 for broken walls of all the structures available at the premises with external toilet inclusive.	m2	185.40		
402	R.C. for broken pillars, lintels, and beams dosed at 350kg/ m3	m3	8.90		
403	Rendering (Plastering of walls) with cement mortar dosed at 300kg/ m3	m2	872		
404	Wall blackboard (500x120)cm with cement paste finish including painting with good quality black paint as prescribed.	U	4		
405	Floor finish in cement screed of 3cm thick and cement paste for all broken floors and verandas.	m2	420.50		
406	Blackboard stages with angle bars at the edges	U	4.00		
	SUB TOTAL 400				
	500:ROOF				
501	Truss (complete in hard wood treated, king-post=175cm)	U	24		

502	Purlins (5x8)	ml	520		
503	Noggings (4x4)	m2	420		
504	Ceiling in hard plywood (4mm thick & red on both sides)	m2	420		
505	Ceiling at the eaves (external perimeter) with smooth zinc sheet (tôle lisse)	m2	78.0		
506	Aluminum roofing sheets (tôle bac 5/10mm)	m2	475.0		
507	Fascia board (tôle bac 3.5/10mm of 30cm height) including lining	ml	140.6		
508	Angle sheets of 50cm large	ml	47.4		
509	Aluminum ridge cap	ml	48.6		
510	Ventilation of roof with pre-fabricated air blocks and wire mesh at the eaves	U	4		
SUB TOTAL 500					
600:JOINERY					
601	Complete metal doors of 210cm high; 100cm wide with accessories like in-locks (VACHETTE OR PACO), two pad locks, etc.	U	4		
602	Complete metal window framing of 140cm high; 120cm width having window protectors of 140cm high; 120cm width (tube 25mm) fitted internally with double shutters of Lampersen	U	1		
604	30mm angle metallic bar at veranda/door	ml	110.0		
SUB TOTAL 600					
700:ELECTRICAL INSTALLATIONS					
701	11mm conduit pipes	Roll	2.0		
702	Cables V.G. V 1.5mm2 for lighting	Roll	2.0		
703	Cables TH 2.5mm2 for power sockets	Roll	2.0		
704	Complete fluorescent lamps 4ft (1,20m)	U	28.0		
705	Two way switches built-in	U	12.0		
706	Power sockets built-in	U	16.0		
707	Master switch for sockets	U	4.0		
708	Complete earthing of the structures (copper cable 3m, earth rod 1m etc.)	ff	1		

	SUB TOTAL 700				
	800:PAINTING				
801	Priming coat in ordinary paint (National paint)	m2	872		
802	Two coats of cream water based paint on internal walls (KEL-PRO)	m2	390.4		
803	Two coats of water resistant paint on external walls(Kelly Moore Professional)	m2	286.6		
804	Red oxide oil paint on metallic door and skirting up window level from internal and floor.	m2	289.0		
805	Painting of the building and veranda ceiling with two coats of white glue paint(crystal white)	m2	400		
	SUB TOTAL 800				
	900: EXTERNAL WORKS				
901	Concreted rain water (run-off) gutters 35cm wide at slope of 10%	ml	141.2		
902	Concrete slab on gutters at entrances (1.2m wide) protected with 30mm angle bar at edges	u	16		
903	Concrete ramps (1.2m wide) protected with 30mm angle bar at edges	u	4		
	SUB TOTAL 900				
SUMMARY					
100:PRELIMINARY WORKS					
200:EARTHWORKS					
300: REPAIRS ON THE FOUNDATIONS					
400:WORKS ON THE MASONERY WALLS					
500:ROOF					
600:JOINERY					
700:ELECTRICAL INSTALLATIONS					
800:PAINTING					
900: EXTERNAL WORKS					
TOTAL WITHOUT TAXES					
VAT: (19.25%)					
AIR: (2.2%)					
TOTAL TAXES					
TOTAL WITH TAXES INCLUSIVE (ATI)					
NET PAYABLE					

**BILL OF QUANTITIES AND COST ESTIMATE FOR THE CONSTRUCTION OF
A BLOCK OF THREE (03) CLASSROOMS AND TWO (02) OFFICES AT GSS BIH NKAMBE,
NKAMBE SUBDIVISION, DONGA MANTUNG DIVISION, NORTH WEST REGION**

N°	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
100	PRELIMINARY WORKS				
101	Inspection of work site installations (fencing, information to be posted, execution programme, as-built plan, etc) and site installation of contractor & his personnel.	ff	1		
102	Clearing of the site and removal of vegetable soil	m2	555.00		
103	Setting out of the building	ff	1		
	SUB - TOTAL 100				
200	EARTH WORKS				
201	Leveling of the platform	m3	721.5		
202	Digging of foundation trenches	m3	169		
203	Back filling with selected laterite soil	m3	99.25		
	SUB - TOTAL 200				
300	FOUNDATION				
301	Lean (blinding) concrete	m3	2.2		
302	Foundation in filled frog blocks /stones	m3	105		
303	R.C for footings, pillars and ground beams	m3	10.01		
304	Concrete floor (8cm thick dosed at 350Kg/m3)	m3	226.9		
	SUB - TOTAL 300				
400	WALL MASONRY				
401	Blocks of 15x20x40cm for wall elevation	m3	217		
402	Plastering of walls with cement mortar dosed at 350Kg/m3	m3	434		
403	R.C for pillars, lintels, and beams dosed at 350/Kg/m3	m3	10.25		
404	Wall blackboard (500x120)cm with cement paste finish including painting with good quality black paint	U	6		
405	Floor finish in cement screed	m2	175		
406	Blackboard stages	U	3		
	SUB - TOTAL 400				
500	ROOF				
501	Truss (complete in hard wood),	m3	3.3		
502	Purlins (5x8)	m3	1		
503	Noggings (4x4)	m3	1.62		
504	Ceiling in hard plywood (4mm thick and red on both sides)	m2	238		
505	Ceiling in hard plywood (4mm thick SAPLLE and red on both sides) for offices	m2	299		
506	External perimeter ceiling in smooth zinc sheet (tôle lisse) including ventilation	m2	64		
507	Aluminium roofing sheets (tôle bac 4/10mm)	m2	310		

508	Fascia bord sheet (tôle bac 3.5/10mm of 30cm height)	ml	80		
509	Angle sheets of 50cm large	U	20		
510	Alu ridge cap/Alu ridge piece with Alu gable edge piece	U	32		
511	ventilation of roof (pre-fabricated) at the eaves	U	2		
	SUB - TOTAL 500				
600	METAL WORKS				
601	Complete metal doors of 210x100 each with accessories like one in-lock (VACHETTE or PACO) and two pad locks	U	6		
602	Complete metal doors of 210x90 each with accessories like one in-lock (VACHETTE or PACO) and two pad locks	U	2		
603	Complete window protectors of 110cm high, 210cm width (tubes 25mm) fitted externally	U	15		
604	Complete window protectors of 110cm high, 200cm width (tubes 25mm) fitted externally	U	2		
605	Complete window protectors of 110cm high, 150cm width (tubes 25mm) fitted externally	U	1		
606	Aluminium glazed windows fitted internally	m2	26.95		
607	30mm angle bar at veranda/door /black board stages edges	ml	35.8		
	SUB - TOTAL 600				
700	ELECTRICAL INSTALLATIONS				
701	11mm PVC conduit pieps	rolls	4		
702	Cables V.G.V 1.5 mm2 for ceiling/lighting	rolls	4		
703	Cables TH 2.5mm2 for sockets	rolls	4		
704	complete fluorescent lamps of 1.20m (4ft)	U	27		
705	Two way switches built-in	U	10		
706	Complete sockets built-in	U	16		
707	Master switch for sockets	U	4		
708	4-way main switch + accessories	ff	1		
	SUB - TOTAL 700				
800	PAINTING				
801	Priming coat in ordinary paint	m ²	464.1		
802	Two coats of crystal white glue paint on the ceiling	m ²	210.6		
803	Two coats of water secondaire paint on internal walls (KEL-PRO interior latex or Pantex 800)	m2	253.5		
804	Two coats of water resistant paint on external walls (KEL-PROExterior latex or PANTEX 1300)	m2	188		
805	Two coats of chassis red oil paint on doors, windows protectors and skirting	m2	167		
	SUB - TOTAL 800				
900	EXTERNAL WORKS				
901	Concreted rain water gutters for drainage	ml	84.5		
902	Concreting of external veranda	m2	78		
903	Concrete slab on gutter at entrances (1.2m wide)	U	4		
904	Concrete ramps (1.2m wide)	U	2		

905	Digging and protection of a dumping pit of 1m square wide and 1m deep	U	1		
	<i>SUB - TOTAL 1000</i>				
	SUMMARY				
100	<i>PRELIMINARY WORKS</i>				
200	<i>EARTH WORKS</i>				
300	<i>FOUNDATION</i>				
400	<i>WALL MASONRY</i>				
500	<i>ROOF</i>				
600	<i>METAL WORKS</i>				
700	<i>ELECTRICAL INSTALLATIONS</i>				
800	<i>PAINTING</i>				
900	<i>EXTERNAL WORKS</i>				
	TOTAL WITHOUT TAXES (1)				
	VAT (19,25% of 1) (2)				
	A.I.R (5.5 % of 1) (3)				
	TOTAL ATI (=1+2)				
	NET PAYABLE (=1-3)				

**BILL OF QUANTITIES AND COST ESTIMATE FOR THE CONSTRUCTION
OF A TOILET BLOCK AT AT GSS BIH, NKAMBE SUBDIVISION, DONGA
MANTUNG DIVISION, NORTH WEST REGION.**

N° PRIX	DESIGNATION	UNITE	QUANTITE	P.UNITAIRE	PRIX TOTAL
Lot 100;	PRELIMINARY SITE WORK				
101	Site Clearing	m ²	178		
102	Study and Installation of site	ff	1		
	Sous- total Lot 100				
Lot 200;	EARTH WORKS				
201	leveling of plate form	m ²	86		
202	Sinking of the toilet pit 6.00m x 2.50m x 1.85m	m ³	36		
203	Backfilling with selected laterite soil	m ³	2		
	Sous- total Lot 200				
Lot 300;	FOUNDATIONS				
301	Lean concrete p.c 200kg/m ³	m ³	0.5		
302	Reinforced concrete for footing, 30x20cm dosed at 350kg/m ³	m ³	1.3		
303	Blocks of 15x20x40 cm frog filled	m ²	6		
304	Reinforced concrete for pillars, lintels beams and slab of pit at 350kg/m ³	m ³	2.5		
	Sous- total Lot 300				
Lot 400;	BLOCK WORK IN ELEVATION				
401	Blocks of 15x20x40 for wall elevation	m ²	24		
402	Blocks of 10x20x40 for wall elevation	m ²	16		
403	Rendering with cement mortar	m ²	86		
404	Reinforced concrete for pillars, lintels, & chaining beams and dosed at 350kg/m ³	m ³	1.4		
405	Floor finish in cement screed	m ²	12		
	Sous- total Lot 400				
Lot 500;	CARPENTRY AND JOINERY				
501	Truss (complete in hard wood)	m ³	0.8		
502	Purlins and nogging (5x5)	m ³	0.5		
503	Fascia board Plank	ml	20		
504	Alum roofing sheets tôle bac 6/10e	m ²	24		
505	Angle sheets of 35cm width	ml	5		
506	Gable end with Aluminium sheets	ml	11		
507	Ceiling in hard plywood (4mm thick & red on both sides)	m ²	23		
	Sous- total Lot 500				
Lot 600;	METALIC WORKS				

601	Metalic or wooden doors of 70 x 210 + complete Accessories	U	6		
	Sous- total Lot 600				
Lot 700;	PLUMBING AND SANITARY FITTINGS				
701	Concrete toilet seat	U	6		
	Sous- total Lot 700				
Lot 800;	PAINTING				
801	Paint on the ceiling	m ²	23		
802	Two coats of water resistant paint on external walls (PANTEX 1300)	m ²	22		
803	Two coats of water based paint on internal walls (PANTEX 800)	m ²	62		
804	Two coats of chassis red Oil paint on doors, windows protector & skirting	m ²	38		
	Sous- total Lot 800				
Lot 900;	EXTERNAL WORKS				
901	Rain water drainage gutters	ml	22		
902	concrete slab round the building	m3	14		
	Sous- total Lot 900				
	TOTAL EXCLUDING TAXES				
	T.V.A (19,25 %)				
	TOTAL ALL TAXES INCLUSIVE				
	I.R (5.5 %)				
	NET PAYMENT				

Document N° . 8
SUB-DETAIL OF PRICES

SUBDETAILS OF PRICES

Price N°
 Designation of work.....
 Unit
 Quantity
 Daily output
 Duration of execution

DESIGNATION :					
No	Daily out put		Total quantity	Unit	Duration of activity
WORKMAN SHIP	Category	No	Daily wage	Days break up	Amount
TOTAL A					
EQUIPMENT /MACHINES	Type	No	Daily rate	Days break up	Amount
TOTAL B					
MATERIAL AND MISCELLANEOUS	Type	Unit	Unit cost	Quantity	Amount
TOTAL C					
D	DIRECT TOTAL COST			A+B+C	
E	GENERAL SITE EXPENSESES			Dx%	
F	GENERAL OFFICE EXPENSES			Dx%	
G	NET COST			D+E+F	
H	RISK + BENEFITS			Gx%	
P	TOTAL COST (HT)			G+H	
V	UNIT COST (HT)			P/Q'TY	

Document N°. 9
MODEL CONTRACT

REPUBLIC OF CAMEROON
Peace-Work-Fatherland

NORTH-WEST REGIONAL ASSEMBLY

REGIONAL EXECUTIVE ASSEMBLY

PEACE-JUSTICE-UNITY-HARD WORK- SOLIDARITY



REPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie

ASSEMBLEE REGIONALE DU NORD-ouest

CONSEIL EXECUTIF REGIONAL

PAIX-JUSTICE-UNITE-TRAVAIL-SOLIDARITE

JOBING ORDER N° _____ JO/MINDEVEL/NWRA/ITB/2024 OF2024
AWARDED AFTER OPEN NATIONAL INVITATION TO TENDER
N° _____/ONIT/NWRA/ITB/2024 OF ____/____/2024 FOR THE REHABILITATION OF
CLASSROOMS IN SOME SECONDARY AND HIGH SCHOOLS IN THE NORTH WEST
REGION (DIVIDED INTO 3 LOTS)
<<BY EMERGENCY PROCEDURE>>

Project Owner: THE PRESIDENT OF THE NORTH WEST REGIONAL ASSEMBLY

HOLDER :

P.O. Box _____, Tel: _____ Fax: _____

Business Registry N°. _____ at
Taxpayer's No. _____

SUBJECT: *Execution of _____ works;*

PLACE : _____

EXECUTION DEADLINE: _____ (_____) months

AMOUNT IN CFA F:

IAT	
EVAT	
VAT (19.25%)	
AIR (Income tax) (2.2%)	
Net to be paid	

FINANCING : *[indicate the source of financing]*

BUDGET HEAD : *[to be completed]*

SUBSCRIBED ON: _____
SIGNED ON: _____
NOTIFIED ON: _____
REGISTERED ON: _____

Between:

The Government of the Republic of Cameroon, represented by The President of the North West Regional Assembly hereinafter referred to the "Contracting Authority"

On the one hand,

And

_____(enterprise)
P.O. Box _____ Tel: _____ Fax: _____
Business Registry No. _____
Taxpayer's No. _____

Represented by M _____, its General Manager, hereinafter referred to as the "Contractor"

On the other hand,

Agree on the following:

Summary

Part I: Special Administrative Conditions (SAC)

Part II: Special Technical Conditions (STC)

Part III: Schedule of Unit Prices (SUP)

Part IV: Details or Estimates

Page _____ and last of Jobbing Order N° _____ JO/MINDEVEL/NWRA/ITB/2024 OF
2024 AWARDED AFTER OPEN NATIONAL INVITATION TO TENDER No
 ____/ONIT/NWRA/ITB/2024 of ____/____/2024 FOR THE REHABILITATION OF CLASSROOMS IN
 SOME SECONDARY AND HIGH SCHOOL IN THE NORTH WEST REGION
 (DIVIDED IN 3 LOTS)

<<BY EMERGENCY PROCEDURE>>

With _____,

For the execution of _____ works

EXECUTION DEADLINE _____ (_____) months

Amount of Contract in CFA F:

IAT	
EVAT	
VAT (19.25)	
AIR (2.2 or 5.5 %)	
Net to be paid	

Read and accepted by the Contractor

(place of signature) _____ (date)

Signature of Contracting Authority

(place of signature) _____ (date)

Registration

Document N°. 10
FORMS AND MODELS TO BE USED BY
BIDDERS

TABLE OF MODELS

- Annex N° 1: Model of declaration to Tender
- Annex N° 2: Model Bid
- Annex N° 3: Model Bid Bond
- Annex N° 4: Model Final Bond
- Annex N° 5: Model Retention fund (Guarantee Retention)
- Annex N° 6: Schedule framework
- Annex N° 7: Model attestation of site visit
- Annex N° 8: Model site visit report
- Annex N° 9: Model table of reference
- Annex N° 10: Model table of equipment

Annex N° 1: MODEL OF DECLARATION TO TENDER

DECLARATION OF THE INTENTION TO TENDER

I the undersigned,(indicate the name and capacity of signatory),
NationalityRepresenting the company or
enterprise or group with head office at registered in the trade
register of Under the number
In my capacity asof
PO box....., hereby acknowledge receipt of the file for Open National Invitation to Tender
N° for the

And hereby declare my intention to tender for the said contract.

Done at

Signature of

In the capacity of

Duly authorized to sign the tenders on behalf of
.....

Annex N° 2: MODEL BID

I the undersigned,(indicate the name and capacity of signatory)
Representing the company or enterprise or group with head office at
..... registered in the trade register of Under the number

Having taken cognizance of all the documents featured or mentioned in the Tender file: Open National
Invitation to Tender No ____/ONIT/NWRA/ITB/2024 of ____/____/2024 **for the rehabilitation of classrooms in
some Secondary and High Schools in the North West Region (divided into 3 lots)**

after having personally taking account of the situation of the site and evaluated from my point of view and
under my responsibility, the nature and difficulty of the works to be carried out;

- Hereby submit, bearing my signature, the schedule of unit prices as well as the quotations in accordance with the structure featuring in the Tender File;
- Submit and commit myself to execute the works in accordance with the Tender File, in return for the prices which I myself establish for each type of structure which prices reveal the amount of the tender at (in figures and words) CFAF exclusive of VAT and at (in figures and in words) CFAF inclusive of all taxes.
- I pledge to execute the works within a deadline of months.
- I pledge to maintain my offer for a duration of **Ninety (90)** days from the deadline of submission of tenders;

The Contracting Authority shall pay the sums due for this Contract by crediting Account N°:.....
opened in Bank Branch.

Prior to the signing of the Contract, this tender accepted by you shall constitute an agreement between us.

Done at

Signature of

In the capacity of

Duly authorized to sign the tenders on behalf of
.....

Annex N° 3: MODEL BID BOND

Bank:

Reference No.

Addressed to the Contracting Authority: The President of the North West Regional Assembly

Whereas the undertaking Hereinafter referred to as the “bidder” has submitted his tender on for Open National Invitation to Tender No ____/ONIT/NWRA/ITB/2024 of ____/____/2024 **FOR THE REHABILITATION OF CLASSROOMS IN SOME SECONDARY AND HIGH SCHOOLS IN THE NORTH WEST REGION (DIVIDED INTO 3 LOTS)**

, hereinafter referred to as “the tender” and to which must be attached a bid bond equivalent toCFAF.

We (name and address of the bank), represented by (names of signatories), hereinafter referred to as “the Bank” hereby declare to guarantee payment to the Contracting Authority of the maximum sum of, that the bank pledges to pay in full to the Contracting Authority, bidding itself, its successors and assignees.

The conditions of this commitment are as follows:

If the Bidder withdraws his offer during the validity period specified by the Bidder in the tender; or

If the Bidder, having been notified of the award of the contract by the Contracting Authority during the period of Bid validity:

- Fails or refuses to sign the contract, even though required to do so;
- Fails or refuses to furnish the final bond for the contract (final bond) as provided for by the contract.

We undertake to pay the Contracting Authority an amount up to the maximum of the sum referred to above upon receipt of his first written demand, without the Contracting Authority having to substantiate his demand, provided that in its demand the Contracting Authority shall note that the amount claimed by him is due, because one or the other or both of the above condition(s) has (have) been fulfilled and he shall specify which condition(s) took effect.

This bond shall enter into force from the date of signature and from the date set by the Contracting Authority for the submission of tenders. It shall remain valid up till the thirtieth day inclusive following the end of the deadline for the validity of tenders. Any request by the Contracting Authority to cause it to take effect should reach the bank by registered mail with an acknowledgement of receipt before the end of this period of validity.

This bond shall, for purposes of its interpretation, be submitted to Cameroon law. Cameroon courts shall be the only jurisdictions competent to rule on this commitment and its consequences.

Signed and authenticated by the bank

at, on

(Bank's signature)

Annex N° 4: MODEL FINAL BOND

Bank:

Reference of the Bond N°:

Addressed to The President of the North West Regional Assembly "Contracting Authority"

Whereas (Name and address of Contractor) hereinafter referred to "the Contractor", pledge, in execution of the Contract, to carry out the works : Open National Invitation to Tender N° ____/ONIT/NWRA/ITB/2024 of ____/____/2024 for the Rehabilitation Of Classrooms In Some Secondary And High School In The North West Region(Divided In 3 Lots)

Whereas it is stipulated in the Contract that the Contractor shall furnish the Contracting Authority a final bond of two percent (2%) of the amount of the Contract as security for compliance with the Contractor's performance obligations in accordance with the Contract.

Whereas we have agreed to provide the Contractor with this guarantee;

We, (name and address of bank),

Represented by (name of signatories)

hereinafter referred to as "the Bank", and we pledge to pay to the Contracting Authority within a maximum deadline of eight (8) weeks upon his simple written request declaring that the Contractor has not fulfilled his contractual obligations, without being able to defer the payment nor raise any contest for whatever reason, the sum of (in letters and in words).

We hereby agree that no change or addendum or any other amendment shall release us of any obligation incumbent on us by virtue of this bond and we hereby derogate by the present to the notification of any amendment, addendum or change.

This bond shall enter into force upon signature. It shall be released within thirty (30) days from the date of the Provisional Reception of the works.

After this date the caution shall no longer be valid and shall be returned to us without any request on our part.

Any request for payment formulated by the Contracting Authority by virtue of this bond should be done by registered mail with acknowledgement of receipt to reach the bank during the period of validity of this commitment.

This bond shall, for purposes of its interpretation and execution, be subject to Cameroon law. Cameroon courts shall be the only jurisdictions competent to rule on this pledge and its consequences.

Signed and authenticated by the bank at on
[signature of the bank]

Annex N° 5: MODEL OF PERFORMANCE BOND (GUARANTEE RETENTION)

Bank:

Reference of the Bond No:

Addressed to: The President of the North West Regional Assembly
Hereinafter referred to as "The Contracting Authority"

Whereas (name and address of Contractor) hereinafter referred to "the Contractor",
pledge, in execution of the Contract, to carry out the works for the **rehabilitation of classrooms in some
secondary and high school in the north west region(divided in 3 lots)**

Whereas it is stipulated in the Contract that the Guarantee Retention fixed at ten percent (10%) of the
amount of the Contract may be replaced by a joint guarantee;

Whereas we have agreed to provide the Contractor with this guarantee;

We, (name and address of bank),

Represented by (name of signatories) and hereinafter referred to as "the
Bank";

Hence, we hereby affirm that on behalf of the Contractor, we guarantee and are responsible to the
Contracting Authority for a maximum amount of (in figures and in letters)
corresponding to ten percent (10%) of the Contract amount.

And we pledge to pay to the Contracting Authority within a maximum deadline of eight (8) weeks upon his
simple written request declaring that the contractor has not fulfilled his contractual obligations or is indebted
to the Contracting Authority within the meaning of the contract, amended where need be, by its additional
clauses, without being able to defer the payment nor raise any contest for whatever reason, any sum(s)
within the limits of the amount equal to ten percent (10%) of the total amount of the works featuring in the
final detailed account, without the Contracting Authority having to prove or give the reasons nor the motive
for the amount of the sum indicated above.

We hereby agree that no change or addendum or any other amendment shall release us of any obligation
incumbent on us by virtue of this bond and we hereby derogate by the present to the notification of any
amendment, addendum or change.

This bond shall enter into force upon signature. It shall be released within thirty (30) days from the date of
the final acceptance of the works and upon release issued by the Contracting Authority.

Any request for payment formulated by the Contracting Authority by virtue of this bond should be done by
registered mail with acknowledgement of receipt to reach the bank during the period of validity of this
commitment.

This bond shall, for purposes of its interpretation and execution, be subject to Cameroon law. Cameroon
courts shall be the only jurisdictions competent to rule on this pledge and its consequences.

Signed and authenticated by the bank at on
[signature of the bank]

ANNEX N° 6: SCHEDULE FRAMEWORK

Note on the presentation of schedules

The quantities, daily outputs, the duration of execution of works and the slowdowns or even the due interruptions must be clearly brought out in the schedules.

The financial schedules resulting from the schedules of works must indicate month by month, the estimated amounts of the detailed accounts of works by item and cumulatively by taking into account the incidence of rainy seasons for the basic solution and possibly variant solution.

Annex N° 7: MODEL ATTESTATION OF SITE VISIT

LETTER HEAD HERE

TO WHOM IT MAY CONCERN

ATTESTATION OF SITE VISIT

This is to testify that Mr

.....

Manager/Technical Director/Engineer of

.....

Has effectively visited the site for

.....

.....

..... in view to tender for the said project.

This attestation is issued to serve the purpose for which it is intended for.

Annex N° 8: MODEL SITE VISIT REPORT

I) INTRODUCTION

TENDER N°

NAME OF THE ENTERPRISE:

DATE:

II) COMMENTARY

1- Nature of the project site:

2- Accessibility to the project site:

3- Vegetation:

4- Topography of the site:

III) AVAILABILITY OF SERVICES

IV) AVAILABILITY OF MATERIALS

V) DIFFICULTIES

VI) CONCLUSION

Annex N° 9: MODEL TABLE OF REFERENCE

LIST OF PROJECTS EXECUTED BY THE COMPANY

N°	YEAR	NAME OF THE PROJECT	NAME OF THE PROJECT OWNER AND TELEPHONE NUMBER	CONTRACT AMOUNT	CONTRACT DURATION	DATE OF ACCEPTANC E

DONE ONAT

By.....

SIGNATURE

Annex N° 10: MODEL TABLE OF EQUIPMENT

LIST OF EQUIPMENT AND MATERIALS AVAILABLE FOR THE
(project name)

N°	DESIGNATION OF THE EQUIPMENT	DESCRIPTION, MARK	AGE AND STATE	NUMBER AVAILABLE	OWNER OR NOT

DONE ONAT

By.....

SIGNATURE

ANNEX No. 6: Framework of schedules

DESIGNATION :					
No	Daily out put		Total quantity	Unit	Duration of activity
WORKMAN SHIP	Category	No	Daily wage	Days break up	Amount
TOTAL A					
EQUIPMENT/MACHINES	Type	No	Daily rate	Days break up	Amount
TOTAL B					
MATERIAL AND MISCELLANEOUS	Type	Unit	Unit cost	Quantity	Amount
TOTAL C					
D	DIRECT TOTAL COST			A+B+C	
E	GENERAL SITE EXPENSES			Dx%	
F	GENERAL OFFICE EXPENSES			Dx%	
G	NET COST			D+E+F	
H	RISK + BENEFITS			Gx%	
P	TOTAL COST (HT)			G+H	
V	UNIT COST (HT)			P/Q*TY	

Document N°. 11
PRELIMINARY STUDIES

Note on preliminary studies

In accordance with the Public Contracts Code, the Project Owner or Delegated Project Owner must, prior to commencing the procedure to award Contracts or refer to the competent Tenders Board, ensure that draft Tender Files are prepared based on preliminary studies.

These studies must be required during the examination of the Tender File (TF) by the Tenders Board.

The Project Owner is bound to fill the questionnaire in annex 1 accompanied by justifications of the said studies.

Annex N°. 7: Justification of preliminary studies

1. Attach the preliminary studies.

2. Indicate

2.1. The date studies were carried out;

2.2. The name of the Public or private Project Manager

2.3. References of the Contract, if Private Manager carried it out;

2.4. If maintenance works

2.4.1 Description of the studies;

2.4.2 Attach the outline of the itinerary bringing out readings of degradations as well as the approved programming documents.

2.5 Rehabilitation or new works

2.5.1 Are quantities in the quotations the same as those of the studies?

2.5.2 Description of studies: Draft Preliminary Study, Detailed Preliminary Study;

2.5.3 Attach the said studies.

N.B. For services of less scope, the Project Owner may furnish a justification of calculation of quantities of the Tender File.

- *The chairperson of the Tenders Board may, before taking a decision, seek expert advice on the quality of the studies.*

Document N°.12

**LIST OF BANKING ESTABLISHMENTS
AND FINANCIAL BODIES AUTHORISED
TO ISSUE BONDS FOR PUBLIC
CONTRACTS**

I- BANK

1. Afriland First Bank (First bank), B.P 11 834, Yaoundé;
2. Banque Atlantique Cameroun (BACM), B.P. 2 933, Douala;
3. Banque Camerounaise des Petites et Moyennes Entreprises (BC-PME), B.P. 12 962, Yaoundé;
4. Banque Gabonaise pour le Financement International (BGFI BANK), B.P. 600 Douala ;
5. Banque International du Cameroun pour l'Epargne et le Crédit (BICEC) B.P. 1 925, Douala ;
6. Bank Of Africa Cameroun (BOA Cameroun), B.P. 4 593, Douala ;
7. CitiBank Cameroun (CITIGROUP), B.P. 4 571, Douala ;
8. Commercial Bank - Cameroon (CBC), B.P 4 004, Douala;
9. Ecobank Cameroun (ECOBANK), B.P 582, Douala;
10. National Financial Credit Bank (NFC-Bank), B.P. 6 578, Yaoundé ;
11. Société Commerciale de Banques-Cameroun (SCB-Cameroun), B.P 300, Douala ;
12. Société Générale Cameroun (SGC), B.P. 4 042, Douala ;
13. Standard Chartered Bank Cameroon (SCBC) B.P. 1784, Douala ;
14. Union Bank of Cameroon (UBC), B.P. 15 569, Douala;
15. United Bank for Africa (UBA), B.P. 2 088, Douala.
16. crédit communautaire d'afrique-bank (CCA – Bank)

II- Insurance companies

17. Activa Assurances
18. AREA Assurances
19. Atlantique Assurances S.A.
20. Benefical General Insurance S.A.
21. Chanas assurances
22. CPA S.A.
23. NSIA Assurances SA
24. PRO-ASSUR S.A.
25. SAAR S.A.
26. SAHAM Assurances S.A.
27. Zenithe Insurance S.A.

PLANS