

REPUBLIC OF CAMEROON  
Peace-Work-Fatherland

NORTH-WEST REGIONAL ASSEMBLY

REGIONAL EXECUTIVE COUNCIL

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

## OPEN NATIONAL INVITATION TO TENDER

\*\*\*\*\*

## TENDER FILE

\*\*\*\*\*

### PROJECT OWNER:

*THE PRESIDENT OF THE NORTH WEST REGIONAL ASSEMBLY*

### CONTRACTING AUTHORITY:

*THE PRESIDENT OF THE NORTH WEST REGIONAL ASSEMBLY*

### TENDER BOARD:

*NORTH WEST REGIONAL ASSEMBLY INTERNAL TENDERS BOARD (NWRAITB)*

TENDER FILE N° 026 /ONIT/NWRA/ITB/2026 OF 23 JAN 2026 2026  
FOR THE CONSTRUCTION OF SCIENCE LABORATORIES IN SOME  
GOVERNMENT HIGH SCHOOLS IN THE NORTH WEST REGION  
DIVIDED INTO TWO (02) LOTS

AUTHORIZATION NO:

BUDGETARY HEAD:

2026 FINANCIAL YEAR

## TABLE OF CONTENTS

Document No. 1: Tender Notice.....	3
Document No. 2: General Regulations of the Invitation to Tender.....	12
Document No. 3: Special Regulations of the Invitation to Tender.....	28
Document No. 4: Special Administrative Conditions.....	37
Document No. 5: Special Technical Conditions.....	50
Document No. 6: Schedule of unit prices .....	69
Document No. 7: Bill of quantities and estimates.....	75
Document No. 8: The sub-detail of prices.....	81
Document No. 9: Model Contract.....	83
Document No. 10: Model documents to be used by bidders.....	88
Document No. 11: Justifications of preliminary studies.....	101
Document No. 12: List of banking establishments and financial bodies authorised to issue bonds for Public Contracts.....	103

# **Document N°. 1**

## **TENDER NOTICE**



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  
.....

## TENDER NOTICE

OPEN NATIONAL INVITATION TO TENDER FILE N° 29/ONIT/NWRA/ITB/2026 OF 13 JAN 2026  
2026 FOR THE CONSTRUCTION OF SCIENCE LABORATORIES IN SOME GOVERNMENT HIGH  
SCHOOLS IN THE NORTH WEST REGION DIVIDED INTO TWO (02) LOTS

Financing: Public Investment Budget – 2026

### 1. Subject of the Invitation to Tender:

Within the framework of 2026 Public Investment Budget, The President of the North West Regional Assembly, Contracting Authority, hereby launches an Open National Invitation to tender for the Construction of Science Laboratories in Some Government High Schools in the North West Region Divided into Two (02) Lots

### 2. Nature of works:

Works to be done consists of

- 100 PRELIMINARY WORKS
- 200 EARTHWORKS
- 300 FOUNDATION
- 400 ELEVATION OF GROUND FLOOR
- 500 WALL MASONARY
- 600 METALLIC/WOOD WORKS
- 700 ELECTRICAL INSTALLATIONS AND LIGHTENING SECURITY
- 800 ROOF/CEILING WORKS
- 900 PAINTING/TILLING
- 1000 SANITATION WORKS
- 1100 HYGIENE AND ENVIRONMENTAL PROTECTION

### Execution deadline

The maximum deadline provided by the Contracting Authority for the execution of the works subject of this Invitation to tender is **Four (04) calendar Months per Lot.**

### 3. Lots: Two (02) Lots

The works are in Two (02) lots as follows:

LOT No.	DIVISION	LOCALITY	PROJECT
01	NGOKETUNJIA	Babungo	Construction of Biology and Geology Lab at GHS Babungo (Lot 1)
02	BUI	Nkor-Noni	Construction of a Physics and Geology Lab at GHS Nkor-Noni (Lot 2)

### 4. Estimated Cost

The estimated cost of the projects after preliminary studies is as follows:

LOT No.	DIVISION	LOCALITY	PROJECT	AMOUNT
01	NGOKETUNJIA	Babungo	Construction of Biology and Geology Lab at GHS Babungo (Lot 1)	40,000,000



02	BUI	Nkor-Noni	Construction of a Physics and Geology Lab at GHS Nkor-Noni (Lot 2)	40,000,000
----	-----	-----------	--	------------

#### 5. Participation and origin

Participation in this Invitation to tender is opened under the same conditions to all Cameroonian companies and business persons that have proven experience in the field of building construction and provided they are in compliance with the Cameroonian laws.

#### 6. Financing

Works which are the subject of this Invitation to Tender shall be financed by the 2026 Public Investment Budget assigned to the North-West Regional Assembly.

#### 7. Bid bond

The bidder must include in his administrative documents, a bid bond issued by a first-rate financial establishment approved by the Ministry in charge of Finance and whose list is found in document N°. 12 of the Tender File, of an amount, (See table below) valid for thirty (30) days beyond the date of validity of bids.

LOT No.	PROJECT	AMOUNT	AMOUNT OF BID BOND	TENDER FILE FEE
01	Construction of Biology and Geology Lab at GHS Babungo (Lot 1)	40,000,000	800,000	57,500
02	Construction of a Physics and Geology Lab at GHS Nkor-Noni (Lot 2)	40,000,000	800,000	

#### 8. Consultation of Tender File:

The file may be consulted during working hours at the office of the Director of General Affairs at the North West Regional Assembly (Annex Building of Block "A") Tel N° 2 33 36 00 92 or online using the address; [www.marchespublics.cm](http://www.marchespublics.cm), as soon as this notice is published.

#### 10. Acquisition of Tender File:

The file may be obtained from the office of the Director of General Affairs at the North West Regional Assembly, Tel N°2 33 36 00 92 or online using the address: [www.marchespublics.cm](http://www.marchespublics.cm), as soon as this notice is published against payment of the sum of **Fifty Seven Thousand Five Hundred (57,500) Francs CFA**, into the North West Regional Assembly Treasury (Block B), representing the cost of purchasing the Tender File.

#### 11. Submission of bids:

The method of submission shall be online.

The Tender must be submitted by the Tenderer on the COLEPS Platform not later than 06 MAR 2026 at **10:00am**. A backup copy of the Tender saved in a USB key or a CD/DVD must be sent in a sealed envelope with a clear and legible indication "backup copy" **within the time limit bearing the label:**

#### OPEN NATIONAL INVITATION TO TENDER FILE

N° 020 /ONIT/NWRA/ITB/2026 OF 23 JAN 2026 FOR THE CONSTRUCTION OF SCIENCE LABORATORIES IN SOME GOVERNMENT HIGH SCHOOLS IN THE NORTH WEST REGION  
DIVIDED INTO TWO (02) LOTS ( "To be opened only during the bid-opening session"

#### File Size and Format:

The maximum size of the documents that will be uploaded on the platform and constituting the bidder's offer shall be;

- 5 Mb for Administrative offers;
- 15 Mb for the Technical offers;
- 5 Mb for the financial offers.

Supported formats shall include:

- PDF formats for texts documents;
- JPEG formats for images.



The Tenderer shall use a compression software to reduce the size of the file to be submitted.

## **12. Admissibility of bids**

Under penalty of being rejected, only originals or certified true copies signed by the issuing service or administrative authorities (Governor, Senior Divisional Officer, Divisional Officers....) must imperatively be produced in accordance with the Special Regulations of the Invitation to Tender.

They must obligatorily not be older than three (3) months preceding the date of submission of bids or may be established after the signature of the tender notice

Any bid not in compliance with the prescriptions of the Tender File shall be rejected. This refers especially to the absence of a bid bond issued by a first-rate bank approved by the Minister in charge of Finance

## **13. Opening of bids:**

The bids shall be opened in a single phase. The opening of the administrative documents, the Technical and Financial offers will take place on the 04/05/2026 at **11.00 am** local time, in the conference hall of the North West Regional Assembly Internal Tenders' Board, by its competent members. Only bidders may attend or be represented by duly mandated persons of their choice and having a good knowledge of their files.

## **14. Evaluation criteria**

The bids shall be evaluated according to the main criteria as follows:

### **A. Eliminary criteria**

1. Absence or non-conformity of an element in the administrative file non regularized within 48 hours after opening of bids
2. Execution deadline higher than prescribed in the Tender File;
3. False declaration or falsified documents;
4. Absence or insufficient bid bond;
5. A bid with the external envelope carrying a sign leading to the identification of the bidder;
6. Incomplete financial file;
7. Non respect of 75% of essential criteria;
8. Suspended by MINMAP for 2026.
9. Average annual turnover of at least the tendering amount (Average annual turnover calculated as total certified payments received for contracts in progress or completed, within the last five (5) years (from 2021). This should be justified by copies of past contracts (completed or ongoing). Final reception minutes for all completed contracts before 2026 and provisional reception minutes for contracts completed in 2025 should be presented.
10. Failure to provide a backup copy of offers saved in a USB key or a CD/DVD on time;
11. Failure to comply with the format of file type and size for online submission;
12. Failure to present a CDEC receipt or proof of deposit of the amount of the bid bond requested into the Deposit and Guarantee Fund;
13. Failure to present a certificate of categorization or receipt of deposit of file for categorisation of the enterprise in the "**Building and General Equipment**" sub-sector of activities.

### **B. Essential criteria**

- 1- General presentation of the Tender Files;
- 2- Financial capacity;
- 3- References of the company in similar achievements visa by the competent authority;
- 4- Quality of the personnel;
- 5- Technical organization of the works;
- 6- Safety measures on the site;
- 7- Logistics;
- 8- Attestation of site visit duly signed on honour by the bidder and report of site visit with pictures;
- 9- Special Technical Clauses initialed in all the pages, signed and dated at the last page;
- 10- Special Administrative Clauses completed and initialed in all the pages, signed and dated at the last page.

#### 15. Award

The evaluation will be done in a binary way (yes) or (no) with an acceptable minimum score of 75% of the essential criteria taken in account. (A Bidder can bid for more than one Lot but can be awarded only one Lot)

The Contract will be awarded to the bidder who would have proposed the offer with the lowest amount, in conformity with the regulations of the Tender Documents and having satisfied to 100% of the eliminatory criteria and at least 75% of the essential criteria.

#### 16. Validity of bids

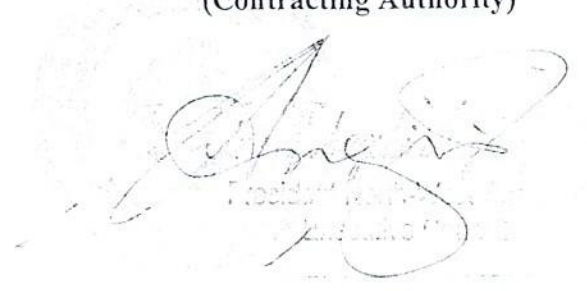
Bidders will remain committed to their offers for Ninety (90) days from the deadline set for the submission of tenders.

#### 17. Complementary information

Complementary technical information may be obtained during working hours from the office of the Director of General Affairs, North West Assembly Building, Block "A". (Tel N°2 33 36 00 92).

Done at Bamenda on 23 JAN 2026

THE PRESIDENT OF THE REGIONAL ASSEMBLY  
(Contracting Authority)



#### Copies:

- ARMP BAMENDA
- RD/MINMAP/NW
- Chairperson of TB/NWRA
- Notice Board
- File/archive



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  
.....

## AVIS D'APPEL D'OFFRES PAR PROCEDURE D'URGENCE

APPEL D'OFFRE NATIONAL OUVERT  
N° 26 / ONIT/NWRA/NWRAITB/2026 DU 15 JAN 2026 POUR LA CONSTRUCTION DE  
LABORATOIRES DE SCIENCES DANS CERTAINS LYCÉES DE LA RÉGION DU NORD-  
OUEST, DIVISES EN DEUX (02) LOTS

Financement : Budget d'Investissement Public 2026

### 1. Objet de l'Appel d'Offre

Dans le cadre de l'exercice budgétaire 2026, le Président de l'Assemblée Régionale du Nord-Ouest, Autorité Contractante lance un Appel d'Offres National Ouvert pour la Construction de laboratoires de sciences dans certains Lycées de la Région du Nord-Ouest, Divisées en deux (02) lots

### 2. Consistance des travaux

Les travaux comprennent notamment :

- 100 : TRAVAUX PRELIMINAIRES
- 200: TRAVAUX DE TERRASSEMENT
- 300 : FONDATION
- 400 : ELEVATION DU NIVEAU DU SOL
- 500 : CHARPENTERIE ET MENUISERIE
- 600 : TRAVAUX EN METAL ET ALUMINIUM
- 700 : ELECTRICAL INSTALLATIONS AND LIGHTENING SECURITY
- 800 : COUVERTURE – PLAFOND -TOITURE
- 900 : PAINTURE ET CARRELAGE
- 1000: TRAVAUX D'YGIENE
- 1100: PROTECTION DE L'ENVIRONNEMENT

### 3. Délais d'exécution

Le délai maximum prévu le Maître d'Ouvrage Délégué pour la réalisation des travaux objet du présent appel d'offres est de Quatre (04) Mois par lot.

### 4. Allotissement

Le travail est ci-après défini à 02 lots :

LOT No.	DEPARTEMENT	LOCALITE	PROJET
01	NGOKETUNJIA	Babungo	Construction d'un Laboratoire de Biologie et Géologie au lycée de Babungo dans le département de Ngoketunjia, Region du Nord-Ouest (Lot 1)
02	BUI	Nkor-Noni	Construction d'un Laboratoire de Physique de Geologie au Lycée Technique de Nkor, département de Bui, Region du Nord-Ouest (Lot 2)



##### 5. Coût de prévisionnel

Le coût prévisionnel de l'opération à l'issue des études préalables est de:

LOT No.	DIVISION	LOCALITY	PROJECT	AMOUNT
01	NGOKETUNJIA	Babungo	Construction d'un Laboratoire de Biologie et Géologie au lycée de Babungo dans le département de Ngoketunjia, Region du Nord-Ouest (Lot 1)	40,000,000
02	BUI	Nkor-Noni	Construction d'un Laboratoire de Physique de Géologie au Lycée Technique de Nkor, département de Bui, Region du Nord-Ouest (Lot 2)	40,000,000

##### 6. Participation et origine

La participation à cette consultation est ouverte aux entreprises de droit camerounais.

##### 7. Financement

Les travaux objet du présent appel d'offres sont financés par le Budget d'Investissement Publics du Cameroun de l'exercice 2026.

##### 8. Cautionnement provisoire

Chaque soumissionnaire doit joindre à ses pièces administratives, une caution de soumission établie par une banque de premier ordre agréée par le Ministère chargé des finances et dont la liste figure dans la pièce 12 du DAO, d'un montant, (voir tableur) valable pendant trente (30) jours au-delà de la date originale de validité des offres.

LOT No.	PROJET	MONTANT	MONTANT DE LA CAUTION DE SOUMISSION	FRAIS DE DOSSIER D'APPEL D'OFFRES
01	Construction d'un Laboratoire de Biologie et Géologie au lycée de Babungo dans le département de Ngoketunjia, Region du Nord-Ouest (Lot 1)	40,000,000	800,000	57,500
02	Construction d'un Laboratoire de Physique de Géologie au Lycée Technique de Nkor, département de Bui, Region du Nord-Ouest (Lot 2)	40,000,000	800,000	

##### 9. Consultation du Dossier d'Appel d'Offres

Le Dossier d'Appel d'Offres peut être consulté et obtenu aux heures ouvrables au bureau du Directeur des Affaires Générales de l'Assemblée Régionale du Nord-Ouest (Tel N° 2 33 36 00 92) ou en ligne à l'adresse: [www.marchespublics.cm](http://www.marchespublics.cm) dès Publication du présent avis.

##### 10. Acquisition du Dossier d'Appel d'Offres

Le dossier peut être obtenu aux heures ouvrables après Publication du présent avis au bureau de l'autorité contractant (Tel N° 2 33 36 00 92) ou en ligne à l'adresse: [www.marchespublics.cm](http://www.marchespublics.cm) contre présentation d'une quittance de versement au Trésor de l'Assemblée Régionale du Nord-Ouest de la somme non remboursable de 57,500 (Cinq Quante Sept Mille Cinq Cent) Francs CFA.

##### 11. Remise des offres

La méthode de remise doit être en ligne

L'offre devra être déposée par le soumissionnaire sur la plateforme COLEPS au plus tard de le    /    / 2026 à 10 h 00. Une copie de sauvegarde de l'offre sauvegardée sur une clé USB ou un CD/DVD devra être envoyée dans une enveloppe fermée avec la mention claire et lisible « copie de sauvegarde » portant le libellé dans le délai imparti.

10 6 MARS 2026

APPEL D'OFFRES NATIONAL OUVERT  
N° 25 AONO/ARNO/ARNOCIPM/2026 DU 23 JAN 2026  
POUR LA CONSTRUCTION DE LABORATOIRES DE SCIENCES DANS CERTAINS LYCEES DE LA  
REGION DU NORD-OUEST, DIVISEES EN DEUX (02) LOTS



#### Taille et format du fichier :

Pour les enchères en ligne, la taille maximale de documents qui seront téléchargés sur la plateforme et constituant l'offre du soumissionnaire sera de ;

- 5 Mo pour les offres administratives,
  - 15Mo pour les offres Techniques,
  - 5 Mo pour les offres financements.
- Les formats pris en charge doivent inclure :
- Formats PDF pour documents textes,
  - Formats JPEG pour les images.

Le soumissionnaire devra utiliser un logiciel de compression pour réduire la taille du fichier à soumettre.

#### 12. Recevabilité des offres

Sous peine de rejet, les pièces du dossier administratif requises doivent être produites en originaux ou en copies certifiées conformes par le service émetteur ou une autorité administrative (Gouverneur, Préfet, Sous-préfet,...), conformément aux stipulations du Règlement Particulier de l'Appel d'Offres.

Elles doivent dater de moins de trois (03) mois précédant la date originale de dépôt des offres ou avoir été établies postérieurement à la date de signature de l'Avis d'Appel d'Offres.

Toute offre incomplète conformément aux prescriptions du Dossier d'Appel d'Offres sera déclarée irrecevable. Notamment l'absence de la caution de soumission délivrée par une banque de premier ordre agréée par le Ministère chargé des Finances.

#### 13. Ouverture des offres

L'ouverture des plis se fera en un temps. L'ouverture des pièces administratives et des offres techniques et financières aura lieu le 17/07/2026 à 11h 00, heure locale, dans la salle de conférence du Président de l'Assemblée Régionale du Nord-Ouest siégeant en présence des soumissionnaires ou de leurs représentants dûment mandatés et ayant une parfaite connaissance du dossier.

#### 14. Critères d'évaluation

Les offres seront évaluées selon les principaux critères suivants :

##### A - Critères éliminatoires

Il s'agit notamment:

- 1- Absence ou non-conformité de document administratif qui ne peuvent pas se régulariser pendant quarante-huit heures après ouverture des offres
- 2- Délai d'exécution supérieur à celui prescrit dans le DAO ;
- 3- Fausses déclarations ou pièces falsifiées ;
- 4- Absence ou insuffisance de la caution provisoire de soumission ;
- 5- Offres dont l'enveloppe extérieure porte des mentions permettant de reconnaître le Soumissionnaire ;
- 6- Offres financière incomplète ;
- 7- Le non-respect de 75% des critères essentiels ;
- 8- Suspendu par le MINMAP en 2026;
- 9- Chiffre d'affaires annuel moyen au moins égal au montant de l'offre (chiffre d'affaires annuel moyen calculé comme le total des paiements certifiés reçus pour les contrats en cours ou achevés, au cours du dernier cinq (5) ans (à partir de 2021) à justifier par des copies des contrats passés (achevés ou en cours. Procès-verbal de réception définitif pour tous les marchés terminés avant 2025 et procès-verbal de réception provisoire pour les contrats terminés en 2025 à présenter)
- 10- Défaut de fournir une copie de sauvegarde de l'offre sauvegardée sur une clé USB ou un CD/DVD à temps.
- 11- Défaut de se conformer au format du type de fichier et de la taille pour la soumission en ligne ;
13. Défaut de présenter un reçu du CDEC ou une preuve de dépôt du montant de la caution de soumission exigée auprès du Fonds de dépôt et de garantie;
14. Défaut de présenter un certificat de catégorisation ou un reçu de dépôt du dossier de catégorisation de l'entreprise dans le sous-secteur d'activité « Bâtiment et équipement général ».



## B - Critères essentiels

Les critères relatifs à la qualification des candidats porteront à titre indicatif sur :

- 1- Présentation générale de l'offre ;
- 2- Capacité financière ;
- 3- Références de l'entreprise dans les réalisations similaires ;
- 4- Qualité du personnel ;
- 5- Organisation technique des travaux ;
- 6- Sécurité au chantier ;
- 7- Moyens logistiques ;
- 8- Attestations de visite de site signée sur l'honneur par le soumissionnaire et rapport de visite du site avec photos ;
- 9- Cahier des Clauses Techniques Particulières paraphé à chaque page, signé et daté à la dernière page ;
- 10- Cahier des Clauses Administratives Particulières complété et paraphé à chaque page, signé et daté à la dernière page.

Les critères essentiels sont soumis à des minima dont le détail est donné dans le Règlement Particulier de l'Appel d'Offres (RPAO).

### 15. Attribution

Cette évaluation se fera de manière purement positive (oui) ou négative (non) avec un minimum acceptable d'au moins 75% de l'ensemble des critères essentiels pris en compte. **(Un soumissionnaire peut soumissionner pour plusieurs lots mais ne peut se voir attribuer qu'un seul lot)**

Le marché sera attribué au soumissionnaire qui aura proposé l'offre la moins disante, conforme pour l'essentiel aux prescriptions du Dossier d'Appel d'Offres, ayant satisfait à 100% des critères éliminatoires et au moins 75% des critères essentiels. Un enchérisseur peut soumissionner pour plus d'un lot mais ne peut se voir attribuer qu'un seul lot.

### 16. Durée de validité des offres

Les soumissionnaires restent engagés par leur offre pendant 90 jours à partir de la date limite fixée pour la remise des offres.

### 17. Renseignements complémentaires

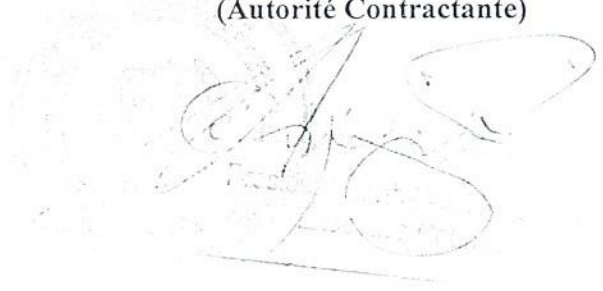
Les renseignements complémentaires d'ordre technique peuvent être obtenus auprès de bureau du Directeur des Affaires Générales (Tel N° 2 33 36 00 92).

Fait à Bamenda, le 23 JAN 2026

Le Président de l'Assemblée Régionale du Nord Ouest  
(Autorité Contractante)

#### Copie :

ARMP/NW  
DR/MINMAP/NW  
Présidents CIPM/NWRA  
Affichage  
Chrono/archive



**Document N°. 2**  
**GENERAL REGULATIONS OF THE**  
**INVITATION TO TENDER**



## TABLE OF CONTENTS

### A. General

Article 1: Scope of the tender.....	
Article 2: Financing.....	
Article 3: Fraud and corruption.....	
Article 4: Candidates admitted to compete.....	
Article 5: Building materials, materials, supplies, equipment and authorised services...	
Article 6: Qualification of the bidder.....	
Article 7: Visit of work site .....	

### B. Tender File.....

Article 8: Content of Tender File.....	
Article 9: Clarifications on Tender File and complaints .....	
Article 10: Modification of the Tender File.....	

### C. Preparation of Bids

Article 11: Tender fees.....	
Article 12: Language of bid.....	
Article 13: Constituent documents of the bid.....	
Article 14: Amount of bid.....	
Article 15: Currency of bid and payment.....	
Article 16: Validity of bids.....	
Article 17: Bid bond.....	
Article 18: Varying proposals by bidders.....	
Article 19: Preparatory meeting to the establishment of bids.....	
Article 20: Form and signature of bids.....	

### D. Submission of bids.....

Article 21: Sealing and marking of bids.....	
Article 22: Date and time-limit for submission of bids.....	
Article 23: Out of time-limit bids.....	
Article 24: Modification, substitution and withdrawal of bids.....	

### E. Opening and evaluation of bids .....

Article 25: Opening of bids.....	
Article 26: Confidential nature of the procedure.....	
Article 27: Clarifications on the bid and contact with Contracting Authority.....	
Article 28: Determination of their compliance.....	
Article 29: Qualification of the bidder.....	
Article 30: Correction of errors.....	
Article 31: Conversion into a single currency.....	
Article 32: Evaluation of financial bids.....	
Article 33: National preference.....	

### F. Award of the Contract.....

Article 34: Award.....	
Article 35: Right of the Contracting Authority to declare an Invitation to Tender unsuccessful or to cancel a procedure.....	
Article 36: Notification of the award of the Contract.....	
Article 37: Signature of the Contract.....	
Article 38: Final bond.....	



## GENERAL RULES OF THE INVITATION TO TENDER

### A. GENERAL

#### Article 1: Scope of the tender

The Contracting Authority, The President of the North West Regional Assembly hereby launches an Open National Invitation to Tender N° \_\_\_\_/ONIT/NWRA/ITB/2026 of \_\_\_\_/\_\_\_\_/2026 FOR THE CONSTRUCTION OF SCIENCE LABORATORIES IN SOME GOVERNMENT HIGH SCHOOLS IN THE NORTH WEST REGION DIVIDED INTO TWO (02) LOTS

1.2 The bidder retained or the preferred bidder must complete the works within the time- limit indicated in the Special Regulations which runs from the date of notification of the Administrative Order.

1.2 In this Tender File, the term “day” means a calendar day.

#### Article 2: Financing

The source of financing of the works forming the subject of this Invitation to Tender shall be specified in the Special Regulations.

#### Article 3: Fraud and corruption

3.1 The Contracting Authority requires of bidders and Contractors the strict respect of rules of professional ethics during the award and execution of Public Contracts. By virtue of this principle:

a) The following definitions shall be admitted:

- i) Shall be guilty of “corruption” whoever offers, gives, requests or accepts any advantage in view of influencing the action of a Public official during the award or execution of a Contract;
  - ii) Is involved in “fraudulent manoeuvres” whoever deforms or distorts facts in order to influence the award or execution of a Contract;
  - iii) “Collusive practices” shall mean any form of agreement between two or among several bidders (whether the Contracting Authority is aware or not) aimed at artificially maintaining the prices of bids at levels not corresponding to those resulting from competition;
  - iv) “Coercive practices” shall mean any form of harm against persons or their property or threats against them in order to influence their action during the award or execution of a Contract.
- b) Any proposed award shall be rejected if it is proved that the proposed preferred bidder is directly or through an intermediary, guilty of corruption or is involved in fraudulent manoeuvres, collusive or coercive practices for the award of this Contract.

3.2 The Minister Delegate at the Presidency in charge of Public Contracts may, as a precaution, take a decision of exclusion from bidding for a period not exceeding two (2) years against any bidder found guilty of influence peddling, of conflicts of interest, insider trading, fraud, corruption or production of non-genuine documents in the bid, without prejudice to criminal proceedings that may be brought against him

#### Article 4: Candidates are allowed to compete

4.1 If the Invitation to Tender is opened, consultation is addressed to all candidates retained after a pre-qualification procedure.

4.2 Generally, the Invitation to Tender is addressed to all entrepreneurs, subject to the following provisions:

- (a) A bidder (including all members of a group of enterprises and all sub-Contractors to the bidder) must be from an eligible country, in accordance with the funding agreement.



- (b) A bidder (including all members of a group of enterprises and all sub-Contractors to the bidder) must not be in a situation of conflict of interest, subject to disqualification. A bidder shall be judged to be in a situation of conflict of interest if he:
  - i) Is or was associated in the past with an enterprise (or a subsidiary of this enterprise) which provided consultancy services for the conception, preparation of specifications and other documents used within the scope of Contracts awarded for this Invitation to Tender; or
  - ii) Presents more than one bid within the context of Invitation to Tender, except authorised variants according to article 17, where need be; meanwhile, this does not prevent the participation of sub-Contractors in more than one bid.
  - iii) The Contracting Authority or Project Owner has financial interests in the capital in a way as to compromise the transparency of the procedures of award of Public Contracts.
- (c) The bidder must not have been excluded from bidding for Public Contracts.
- (d) A Cameroonian Public enterprise may participate in the consultation if it can demonstrate that it is
  - (i) legally and financially autonomous, (ii) managed according to commercial laws and (iii) not under the direct supervisory authority of the Contracting Authority or Project Owner.

#### **Article 5: Building materials, materials, supplies, equipment and authorised services**

- 5.1 Building materials, the Contractor's materials, supplies, equipment and services forming the subject of this Contract must originate from countries meeting the criteria of origin defined in the Special Regulations of the Invitation to Tender and all expenditure done within the context of the Contract shall be limited to the said building materials, materials, supplies, equipment and services.
- 5.2 Within the meaning of this 5.1 above, the term "originate" shall designate the place where the goods are extracted, cultivated, produced, manufactured and from where the services originate.

#### **Article 6: Qualification of bidder**

6.1 As an integral part of their bid, bidders must:

- (a) submit a power of attorney making the signatory of the bid bound by the bid; and
- (b) provide all information (complete or update information included in their request for pre-qualification which may have changed in the case where the candidates took part in pre-qualification) requested of bidders in the Special Regulations of the Invitation to Tender, in order to establish their qualification to execute the Contract.

Where necessary, bidders should provide information relating to the following points:

- (i) The production of certified balance sheets and recent turnovers;
  - (ii) Access to a line of credit or availability of other financial resources;
  - (iii) Orders acquired and Contracts awarded;
  - (iv) Pending litigations;
  - (v) Availability of indispensable equipment.
- 6.2 Bids presented by two or more associated undertakings (joint-Contracting) must satisfy the following conditions:
- (a) The bid must include all the information listed in article 6(1) above. The Special Regulations must indicate the information to be furnished by the group and that to be furnished by each member of the group;
  - (b) The bid and the Contract must be signed in a way that is binding on all members of the group;
  - (c) The nature of the group (joint or several) must be specified in the Special Regulations and justified with the production of a joint venture agreement in due form;



- (d) The member of the group designated as the representative will represent all the undertakings vis à vis the Project Owner and Contracting Authority with regard to the execution of the Contract;
- (e) In case of joint co-Contracting, the co-Contractors shall share the sums which are paid by the Project Owner into a single account. On the other hand, each undertaking is paid into its own account by the Project Owner where it is joint co-Contracting.

6.3 Bidders must equally present sufficiently detailed proposals to demonstrate that they comply with the technical specifications and execution time-limits set in the Special Regulations of the Invitation to Tender.

6.4 Bidders requesting to benefit from the margin of preference must furnish all the necessary information to prove that they satisfy the eligibility criteria set in article 33 of the General Regulations of the Invitation to Tender.

#### **Article 7: Visit of works site**

7.1 The bidder is advised to visit and inspect the site and its environs and obtain by himself and under his own responsibility, all the information which may be necessary for the preparation of the bid and the execution of the works. The related cost of the visit of the site shall be borne by the bidder.

7.2 The Project Owner shall authorise the bidder and his employees or agents to enter the premises and the land for the said visit but only on the express condition that the bidder, his employees and agents free the Project Owner, his employees and agents of any responsibility that may ensue and indemnify them if necessary and that they shall remain responsible for any deadly or corporal accident, loss or material damages, costs and fees incurred from this visit.

7.3 The Project Owner may organise a visit of the site of the works during the preparatory meeting to establishing the bids mentioned in article 19 of the General Regulations of the Invitation to Tender.

### **B. TENDER FILE**

#### **Article 8: Content of Tender File**

8.1 The Tender File describes the works forming the subject of the Contract, sets the consultation procedure of Contractors and specifies the terms of the Contract. Besides the addendum (addenda) published in accordance with article 10 of the General Regulations of the Invitation to Tender, it includes the following documents:

- Document No. 1. The Tender Notice;
- Document No. 2. The General Regulations of the Invitation to Tender;
- Document No. 3. The Special Regulations of the Invitation to Tender;
- Document No. 4. The Special Administrative Conditions;
- Document No. 5. The Special Technical Conditions;
- Document No. 6. The schedule of unit prices;
- Document No. 7. The bill of quantities and estimates;
- Document No. 8. The sub details of unit prices;
- Document No. 9. Model documents of the Contract:
  - a. The execution schedule;
  - b. Model of forms presenting the equipment, personnel and references;
  - c. Model bidding letter;
  - d. Model bid bond;
  - e. Model final bond;
  - f. Model of bond of start-off advance;
  - g. Model of guarantee in replacement of the retention fund;
  - h. Model Contract;
- Document N°. 10. Models to be used by bidders;
  - a. Model Contract;



Document N°. 11. Justifications of preliminary studies; to be filled by the Project Owner or Delegated Project Owner;

Document N°. 12. List of first grade banking establishments or financial institutions approved by the Minister in charge of Finance authorised to issue bonds for Public Contracts to be inserted by the Contracting Authority.

8.2 The bidder must examine all the regulations, forms, conditions and specifications contained in the Tender File. It is up to him to furnish all the information requested and prepare a bid in compliance with all aspects of the said file.

#### **Article 9: Clarifications on the Tender File and complaints**

9.1 Any bidder who wants to obtain clarifications on the Tender File may request them from the Contracting Authority in writing or by electronic mail (fax or e-mail) at the Contracting Authority's address indicated in the Special Regulations of the Invitation to Tender and send a copy to the Project Owner. The Contracting Authority replies in writing to any request for clarification received at least fourteen (14) days prior to the deadline for the submission of bids.

A copy of the Contracting Authority's response, indicating the question posed but not mentioning the author, is addressed to all bidders who bought the Tender File.

9.2 Between the Publication of the tender notice including the pre-qualification phase of candidates and the opening of bids, any bidder who feels aggrieved in the Public Contracts award procedure may lodge a complaint to the Minister in charge of Public Contracts.

9.3 A copy of the complaint should be addressed to the Contracting Authority and to the body in charge of the Regulation of Public Contracts and the chairperson of the Tenders Board.

9.4 The Contracting Authority has five (5) days to react. A copy of the reaction shall be forwarded to MINMAP and the body in charge of the regulation of Public Contracts.

#### **Article 10: Amendment of the Tender File**

10.1 The Contracting Authority may at any moment, prior to the deadline for the submission of bids and for any reason, be it at his initiative or in reply to a request for clarification formulated by a bidder, amend the Tender File by publishing an addendum.

10.2 Any published addendum shall be an integral part of the Tender File, in accordance with article 8.1 of the General Regulations of the Invitation to Tender and must be communicated in writing or made known by a traceable means to all bidders who bought the Tender File.

10.3 In order to give bidders sufficient time to take account of the addendum in the preparation of their bids, the Contracting Authority may postpone as is necessary, the deadline for the submission of bids, in accordance with provisions of article 22 of the General Regulations of the Invitation to Tender.

### **C PREPARATION OF BIDS**

#### **Article 11: Tender costs**

The candidate shall bear the costs related to the preparation and presentation of his bid and the Contracting Authority and the Project Owner shall in no case be responsible for these costs nor pay for them whatever the evolution or outcome of the Invitation to Tender procedure.

#### **Article 12: Language of bid**

The bid as well as any correspondence and any document exchanged between the bidder and the Contracting Authority shall be written in English or French. Complementary documents and the forms provided by the bidder may be written in another language on condition that a precise translation into either English or French of the passages concerning the bid is included; in which case for reasons of interpretation, the translation shall be considered to be authentic.



### **Article 13: Constituent documents of the bid**

13.1 The bid presented by the bidder shall include the documents detailed in the Special Regulations of the Invitation to Tender, duly filled and put together in three volumes:

#### **a. Volume 1: Administrative file**

It includes:

- i) all documents attesting that the bidder:
  - has subscribed to all declarations provided for by the laws and regulations in force;
  - paid all taxes, duties, contributions, fees or deductions of whatever nature;
  - is not winding up or bankrupt;
  - is not the subject of an exclusion order or forfeiture provided for by the law in force;
- ii) The bid bond established in accordance with the provisions of article 17 of the General Regulations of the Invitation to Tender;
- iii) the written confirmation empowering the signatory of the bid to commit the bidder, in accordance with the provisions of article 6(1) the General Regulations of Invitation to Tender.

#### **b. Volume 2: Technical bid**

##### **b.1 Information on qualifications**

The Special Regulations list the documents to be furnished by bidders to justify the qualification criteria mentioned in article 6(1) of the Special Regulations of the Invitation to Tender.

##### **b.2 Methodology**

The Special Conditions of the Invitation to Tender specifies the constituent elements of the technical bid of the bidders especially: a methodological statement on an analysis of the works and specifying the organisation and programme which the bidder intends to put in place or use to execute the works (installations, schedule, Quality Assurance Plan (QAP), sub-Contracting, attestation of visit of the site, where necessary, etc).

##### **b.3 Proof of acceptance of conditions of the Contract**

The bidder shall submit duly initialled copies of the administrative and technical documents relating to the Contract, namely:

1. The Special Administrative Conditions (SAC);
2. The Special Technical Conditions (STC).

##### **b.4 Commentaries (optional)**

A commentary on the technical choices of the project and possible proposals.

#### **c. Volume 3: Financial bid**

The Special Regulations specify the elements that will help in justifying the cost of the works, namely:

1. The signed and dated original bid prepared according to the attached model, stamped at the prevailing rate;
2. The duly filled Unit Price schedule;
3. The duly filled detailed estimates;
4. The sub-details of prices and/or breakdown of all-in prices;
5. The projected schedule of payments, where need be.

In this regard, the bidders will use the documents and models provided in the Tender File, subject to the provisions of article 17(2) of the General Regulations of the Invitation to Tender concerning the other possible forms of guarantees.



- 13.2 If in accordance with the provisions of the Special Regulations of the Invitation to Tender, the bidders present bids for several lots of the same Invitation to Tender, they could indicate rebates offered in case of award of more than one lot.

#### **Article 14: Bid price**

- 14.1 Except otherwise stated in the Tender File, the amount of the Contract shall cover all the works described in article 1.1 of the General Regulations of the Invitation to Tender, on the basis of the price schedule and the detailed bill of quantities and estimates presented by the bidder.
- 14.2 The bidder shall fill the unit prices and totals of all items on the schedule and bill of quantities and estimates.
- 14.3 Subject to contrary provisions provided for in the Special Regulations and in the Special Administrative Conditions, all dues, taxes and fees payable by the bidder on grounds of the Contract or on any other ground, thirty (30) days prior to the submission of the bids, shall be included in the prices and in the total amount of the bid presented by the bidder.
- 14.4 If a price revision/updating clause is provided for in the Contract, the date of establishment of the initial price, as well as the price revision/updating conditions for the said price must be specified. This is with the understanding that any Contract of duration less than one (1) year shall not be subject to price revision.
- 14.5 All unit prices must be justified by sub-details established in accordance with the structure proposed in document 8 of the Tender File.

#### **Article 15: Currency of bid and payment**

- 15.1 In case of international invitations to tender, the currencies of the bid shall follow the provisions of either Option A or Option B below, the applicable option being that retained in the Special Regulations of the Invitation to Tender.

**15.2 Option A:** The amount of the bid shall be entirely made in the national currency.

The amount of the bid, unit prices of the price schedule and the prices of the bill of quantities and estimates are completely made in CFA francs in the following manner:

- a) Prices shall be entirely drawn in the national currency. The bidder who intends to commit expenditures in other currencies for the execution of the works shall indicate in the annex to the bid the percentage(s) of the amount of the bid necessary to cover the needs in foreign currencies, without exceeding the maximum of the three currencies of member countries of the funding institution of the Contract.
- b) The exchange rates used by the bidder to convert his bid into the national currency shall be specified by the bidder in an annex to the bid in compliance with the specifications of the Special Regulations. These rates shall be applied for any payment within the framework of the Contract so that the retained bidder does not bear any change in the exchange rate.

**15.3 Option B:** The amount of the bid shall be directly made in the national and foreign currency at the rates fixed in the Special Regulations.

The bidder shall draw the unit prices of the price schedule and the prices of the bill of quantities and estimates in the following manner:

- (a) The prices of inputs necessary for the works which the bidder intends to procure in the Contracting Authority's country shall be in currency of the Contracting Authority's country specified in the Special Regulations and called "national currency";
- (a) The prices of inputs necessary for works which bidder intends to procure out of the Contracting Authority's country shall be in the currency of the country of origin of the bidder or of the currency of an eligible member country widely used in international trade.



15.4 The Contracting Authority may request the bidders to explain the needs in national and foreign currencies and to justify that the amounts included in the unit and total prices and indicated in annex to the bids are reasonable; to this end, a detailed statement of their needs in foreign currencies shall be furnished by the bidder.

15.5 During the execution of the works, most of the foreign currency to be paid as part of Contract may be revised by mutual agreement between the Contracting Authority and the entrepreneur in a way as take account of any modification in the foreign currency needs within the context of the Contract.

#### **Article 16: Validity of bids**

- 16.1 Bids must remain valid during the period stated in the Special Regulations from the date of submission of the bids fixed by the Contracting Authority, in application of article 22 of the Special Regulations. A bid valid for a shorter period shall be rejected by the Contracting Authority or Contracting Authority as not being in compliance.
- 16.2 Under exceptional circumstances, the Contracting Authority may seek the approval of bidders to extend the validity time-limit. The request and the responses that will be given shall be in writing (or by fax). The validity of the bid bond provided for in article 17 of the General Regulations shall equally be extended for a corresponding duration. A bidder may refuse to extend the validity of his bid without losing his bid bond. A bidder who consents to an extension shall not be asked to modify his bid nor shall he be authorised to do so.
- 16.3 Where the Contract does not include a price revision clause and that the period of validity of bids is extended by more than sixty (60) days, the amounts payable to the bidder retained shall be updated by application of the related formula featuring in the request for extension that the Contracting Authority addressed to bidders.

The updating period shall run from the date of overrun of sixty (60) days to the date of notification of the Contract or the Administrative Order for start of execution of works by the retained bidder, as specified in the Special Administrative Conditions. The effect of updating shall not be taken into account for purposes of evaluation of bids.

#### **Article 17: Bid bond**

- 17.1 In application of article 13 of the General Regulations, the bidder shall furnish a bid bond of the amount specified in the Special Regulations and which bid bond shall be a full part of his bid.
- 17.2 The bid bond must conform to the model presented in the Tender File; other models may be authorised subject to the prior approval of the Contracting Authority. The bid bond will remain valid for thirty (30) days beyond the original date set for the validity of bids or any other validity time-limit requested by the Contracting Authority and accepted by the bidder, in accordance with the provisions of article 16 (2) of the General Regulations.
- 17.3 Any bid without an acceptable bid bond shall be rejected by the Tenders Board as not in conformity. The bid bond of associated enterprises must be established in the name of the group submitting the bid and mention each member of the associated grouping.
- 17.4 The bid bonds of bidders who are not retained shall be returned within fifteen (15) days after Publication of the award result.
- 17.5 The bid bond of the successful bidder shall be released as soon as the latter would have signed the Contract and furnished the required final bond.
- 17.6 The bid bond may be seized:
- (a) if the bidder withdraws his bid during the period of validity;
  - (b) if the retained bidder:
    - i) fails in his obligation to register the Contract in application of article 38 of the General Regulations;



- ii) fails in his obligation to furnish the required final bond in application of article 38 of the General Regulations;
- iii) Refuses to receive notification of the Administrative Order to commence execution.

#### **Article 18: Varying proposals of bidders**

18.1 Where the works can be executed within variable deadlines, the Special Regulations shall specify these deadlines and shall indicate the method retained for the evaluation of the completion deadline proposed by the bidder within the specified deadlines. Bids that propose deadlines beyond those specified shall be considered as not being in conformity.

18.2 Except in the case mentioned in article 18(3) below, bidders wishing to offer technical variants must first assess the basic solution of the Contracting Authority as described in the Tender File and furnish in addition all the information which the Contracting Authority needs for a complete evaluation of the proposed variant, including the plans, calculations, technical specifications, sub-details of prices and proposed construction methods and all other useful information. If necessary, the Contracting Authority will examine only the technical variants of the bidder whose bid is in compliance with the basic solution has been evaluated as the lowest bid.

18.3 When according to the Special Regulations the bidders are authorised to directly submit the technical variants for certain parts of the works, these parts of the works must be described in the technical specifications. Such variants shall be evaluated on their own merit in accordance with the provisions of article 31(2) (g) of the General Regulations.

#### **Article 19: Preparatory meeting to the establishment of bids**

19.1 Except otherwise stipulated in the Special Regulations, a bidder may be invited to take part in a preparatory meeting which will hold at the date and place indicated in the Special Regulations.

19.2 The subject of the preparatory meeting shall be to furnish clarifications and answer any questions which may be raised at this stage.

19.3 As much as possible, the bidder is requested to submit any question in a way as to reach the Contracting Authority at least one week before the meeting. The Contracting Authority may not reply to questions received too late. In this case, the questions and answers shall be transmitted according to the methods set in article 19(4) below.

19.4 The minutes of the meeting, including the text of the questions asked and the replies given, including questions prepared after the meeting, shall be forwarded immediately to everyone who bought the Tender File. Any modification of documents of the Tender File listed in article 8 of the General Regulations which may prove to be necessary at the end of the preparatory meeting shall be done by the Contracting Authority by publishing an addendum in accordance with the provisions of article 10 of the General Regulations and not through the minutes of the preparatory meeting.

19.5 The fact that a bidder does not attend a preparatory meeting for the establishment of bids shall not be a reason for disqualification.

#### **Article 20: Form and signature of bid**

20.1 The bidder shall prepare an original of the constituent documents described in article 13 of the General Regulations in a volume clearly indicated "**ORIGINAL**". In addition, the bidder shall submit the number required in the General Regulations, bearing "**COPY**". In case of discrepancy, the original shall be considered as authentic.

20.2 The original and copies of the bid must be typed or written in indelible ink (photocopies shall be accepted in the case of copies) and shall be signed by the person(s) duly empowered to sign on behalf of the bidder, in accordance with article 6(1a) or 6(2c) of the General Regulations, as the case may be. All the pages of the bid containing alterations or changes must be initialled by the signatory (ies) of the bid.

20.3 The bid shall bear no modification, suppression or alteration unless such corrections are initialled by the signatory (ies) of the bid.



## **D. SUBMISSION OF BIDS**

### **Article 21: Sealing and marking of bids**

The Tender must be submitted by the Tenderer on the COLEPS Platform not later than \_\_/\_\_/2026 at 10:00am. A backup copy of the Tender saved In a USB key or a CD/DVD must be sent in a sealed envelope with a clear and legible indication "backup copy" bearing the afore-mentioned label, within the time limit.

#### **File Size and Format:**

For online bidding, the maximum size of the documents that will be uploaded on the platform and constituting the bidder's offer shall be;

- 5 Mb for Administrative offers;
- 15 Mb for the Technical offers;
- 5 Mb for the financial offers.

Supported formats shall include:

- PDF formats for texts documents;
- JPEG formats for images.

The Tenderer shall use a compression software to reduce the size of the file to be submitted.

### **Article 22: Date and time-limit for submission of bids**

- 22.1 The bids must be received by the Contracting Authority at the address specified in article 21(2) of the Special Regulations not later than the date and time stated in the Special Regulations.
- 22.2 The Contracting Authority may, at his discretion, postpone the deadline set for the submission of the bids by publishing an addendum in accordance with the provisions of article 10 of the General Regulations. In this case, all the rights and obligations of the Contracting Authority and bidders previously governed by the initial date will henceforth be governed by the new date.

### **Article 23: Late bids**

Any bid received by the Contracting Authority beyond the deadline for the submission of bids in accordance with article 22 of the General Regulations shall be declared late and consequently rejected.

### **Article 24: Modification, substitution and withdrawal of bids**

- 24.1 A bidder may modify or withdraw his bid after submitting it, on condition that the written notification of the modification or withdrawal is received by the Contracting Authority prior to the end of the time-limit prescribed for the submission of the bids. The said notification must be signed by an authorised representative in application of article 20(2) of the General Regulations. The modification or the corresponding replacement bid must be attached to the written notification. As the case may be, the bids must bear the inscription "**WITHDRAWAL**", and "**REPLACEMENT BID**" or "**MODIFICATION**".
- 24.2 Notification of modification, replacement or withdrawal of the bid by the bidder should be prepared, sealed, marked and forwarded in accordance with the provisions of article 21 of the General Regulations. Withdrawal may equally be notified by telex but should in this case be confirmed by a duly signed written notification whose date, post mark being authentic, shall not be posterior to the time-limit set for the submission of bids.
- 24.3 In application of article 24(1), bids being requested to be withdrawn by bidders shall be returned to them unopened.
- 24.4 No bid may be withdrawn during the interval between the submission of bids and the expiry of the validity of bids specified by the model tender. The withdrawal of a bid by a bidder during this interval may lead to the confiscation of the bid bond in accordance with the provisions of article 17(6) of the General Regulations.

## **E. OPENING AND EVALUATION OF BIDS**

### **Article 25: Opening and petitions**



- 25.1 The Internal Tenders Board shall open the bids in single or double phases and in the presence of the representatives of bidders who wish to attend at the date, time and address specified in the Special Regulations. Representatives of bidders shall sign a register attesting to their presence.
- 25.2 Firstly, bids marked “**withdrawal**” shall be opened and the contents announced to the hearing of everyone, while the envelope containing the corresponding bid shall be returned to the bidder unopened. Withdrawal shall be allowed only if the corresponding notification contains a valid empowerment of the signatory to request this withdrawal and if this notification is read to the hearing of everyone. Then the bids marked “**Replacement** bid” are opened and announced to the hearing of everyone and the new corresponding bid substituted for the preceding one which will be sent to the bidder concerned unopened. The replacement of the bid shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the replacement and read to the hearing of everyone. Lastly, the bids marked “**modification**” shall be opened and their contents read to the hearing of everyone with the corresponding bid. The modification of the bid shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the modification and read to the hearing of everyone. Only bids which were opened and announced to the hearing of everyone during the opening of bids shall then be evaluated.
- 25.3 All bids shall be opened successively and the name of the bidder announced aloud as well as the possible modification mentioned, the price offered, including any rebates [*in case of opening of financial bids*] and any variant, where necessary, the existence of a guarantee of the bid if it is required and any other details which the Contracting Authority deems useful to be mentioned. Only rebates and variants of bids announced to the hearing of everyone during the opening of bids shall be submitted for evaluation.
- 25.4 Bids (and modifications received in accordance with the provisions of article 24 of the General Regulations) which were not opened and read to the hearing of everyone during the bid- opening session for whatever reason, shall not be submitted for evaluation.
- 25.5 Bid- opening minutes are recorded on the spot mentioning the admissibility of bids, their administrative regularity, prices, rebates and time-limits as well as the composition of the Evaluation sub-committee. A copy of the said minutes to which is attached the attendance sheet is handed over to all the participants at the end of the session.
- 25.6 At the end of each bid- opening session, the chairperson of the Tenders Board immediately hands over to the focal point designated by the body in charge of regulation of Public Contracts an initialled copy of the bids presented by bidders.
- 25.7 In case of petition as provided for by the Public Contracts Code, it should be addressed to the Minister Delegate in charge of Public Contracts with a copies to the body in charge of the regulation of Public Contracts, the head of structure to which is attached the Tenders Board concerned.
- It must reach within a maximum deadline of three (3) working days after the opening of bids in the form of a letter to which is obligatorily attached a sheet of the petition form duly signed by the petitioner and possibly by the chairperson of the Tenders Board.
- The Independent Observer attaches to his report the sheet that was handed to him, including any related commentaries or observations.

#### **Article 26: Confidential nature of the procedure**

- 26.1 No information relating to the examination, clarification, evaluation and comparison of bids and verification of the qualification of the bidders and the recommendation for the award shall be given to bidders or to any person not concerned with the said procedure as long as the preferred bidder has not been made Public, subject to the disqualification of the bid of the bidder and suspension of the authors from all activities in the domain of Public Contracts.



26.2 Any attempt by a bidder to influence the Tenders Board or the Evaluation sub-committee of bids or the Contracting Authority in its award decision may lead to the rejection of his bid.

26.3 Notwithstanding the provisions of paragraph 26.2 above, between the opening of bids and the award of the Contract, if a bidder wishes to enter into contact with the Contracting Authority for reasons having to do with his bid may do so in writing.

**Article 27: Clarifications on the bids and contact with the Contracting Authority**

27.1 To ease the examination, evaluation and comparison of bids, the Tenders Board may, if it so desires, request any bidder to give clarifications on his bid. This request for clarification and the response thereto are formulated in writing but no change on the amount or content of the bid is sought, offered or authorised, except it is necessary to confirm the correction of calculation errors discovered by the Evaluation Sub-committee during the evaluation in accordance with the provisions of article 30 of the General Regulations.

27.2 Subject to the provisions of paragraph 1 above, bidders shall not contact members of the Tenders Board and the Evaluation Sub-committee for questions related to their bids, between the opening of bids and the award of the Contract.

**Article 28: Determination of compliance of bids**

28.1 The Evaluation sub-committee shall carry out a detailed examination of bids to determine if they are complete, if the required guarantees are furnished, if the documents were correctly signed and if generally the bids are in proper order.

28.2 The Evaluation sub-committee shall determine if the bid is essentially in compliance with the conditions fixed in the Tender File based on the content without recourse to external elements of proof.

28.3 A bid that complies with the Tender File shall essentially be a bid that respects all the terms, conditions and specifications of the Tender File, without substantial divergence or reservation. A substantial divergence or reservation is that:

- i) which substantially limits the scope, quality or realisation of the works;
- ii) which substantially limits, contrary to the Tender File, the rights of the Contracting Authority or his obligations in relation to the Contract;
- iii) Whose correction would unjustly affect the competitiveness of the other bidders who presented bids that essentially complied with the Tender File.

28.4 If a bid is essentially not in compliance, it shall be rejected by the competent Tenders Board and shall not subsequently be rendered in compliance.

28.5 The Contracting Authority reserves the right to accept or reject any modification, divergence or reservation. Modifications, divergences, variants and other factors which are beyond the requirements of the Tender File shall not be considered during the evaluation of bids.

**Article 29: Qualification of the bidder**

The Evaluation sub-committee shall ensure that the successful bidder retained for having submitted a bid substantially in compliance with the provisions of the Tender File, fulfils the qualification criteria stipulated in article 6 of the Special Regulations. It is essential to avoid any arbitrariness in determining qualification.

**Article 30: Correction of errors**

30.1 The Evaluation sub-committee shall verify bids considered essentially in compliance with the Tender File to correct the possible calculation errors. The Evaluation sub-committee shall correct the errors in the following manner:

- (a) where there is an incoherence between the unit price and the total obtained by multiplying the unit price by the quantity, the unit price being authentic, the total price shall be corrected, unless the



Evaluation sub-committee judges that it is a gross error of decimal point in the unit price in which case the total price as presented shall be authentic and the unit price corrected.

- (b) if the total obtained by addition or subtraction of the totals is not exact, the sub totals shall be considered authentic and the total corrected.
- (c) where there is a difference between the price indicated in letters and in figures, the amount in letters shall be considered authentic, unless the amount is linked to an arithmetical error confirmed by the sub-detail of the said price, in which case the amount in figures shall prevail subject to paragraphs (a) and (b) above.

30.2 The amount featuring in the bid shall be corrected by the Evaluation sub-committee, in accordance with the error correction procedure above and with confirmation by the bidder, the said amount shall be deemed to commit him.

30.3 If the bidder who presented the bid evaluated as the lowest refuses the correction thus carried out, his bid shall be rejected and the bid bond may be seized.

#### **Article 31: Conversion into a single currency**

31.1 To facilitate the evaluation and comparison of bids, the Evaluation sub-committee shall convert the prices of bids expressed in various currencies into those in which the bid is payable in CFA francs.

31.2 The conversion shall be done using the selling rate fixed by the Bank of Central African States (BEAC) under the conditions defined by the Special Regulations.

#### **Article 32: Evaluation and comparison of financial bids**

32.1 Only bids considered as being in compliance, as per the provisions of article 28 of the General Regulations, shall be evaluated and compared by the Evaluation sub-committee.

32.2 By evaluating the bids, the Evaluation Sub-committee shall determine for each bid the evaluated amount of the bid by rectifying the amount as follows:

- a) By correcting any possible error in accordance with the provisions of article 30.2 of the General Regulations;
- b) By excluding projected sums and where necessary provisions for unforeseen occurrences featuring in the bill of quantities and estimates but by adding the amount of works done under State supervision where they are costed in a competitive manner as specified in the Special Regulations.
- c) By converting into a single currency the amount resulting from the rectifications (a) and (b) above, in accordance with the provisions of article 31(2) of the General Regulations;
- d) By appropriately adjusting any other modification, divergence or quantifiable reservation on technical or financial basis.
- e) By taking into consideration the various execution time-limits proposed by the bidders, if they are authorised by the Special Regulations;
- f) If need be, in accordance with the provisions of article 13(2) of the General Regulations and the Special Regulations by applying the rebates offered by the bidder for the award of more than one lot, if this Invitation to Tender is launched simultaneously for several lots.
- g) If need be, in accordance with the provisions of article 18(3) of the Special Regulations and the Technical Specifications, the proposed technical variants, if they are permitted, shall be evaluated on their own merit and independently of the fact that the bidder offered or not a price for the technical solution specified by the Contracting Authority in the Special Regulations.

32.3 The estimated effect of price revision formulae featuring in the GAC and SAC applied during the period of execution of the Contract shall not be considered during the evaluation of bids.

32.4 If the bid judged the lowest bid is considered abnormally low or strongly unbalanced in relation to the estimates of the Project Owner for the works to be executed in this Contract, the Tenders Board may, from the sub-details of prices furnished by the bidder for any element or all the elements of the bill of quantities and estimates, verify if these prices are compatible with the construction methods and proposed calendar. In



the case where the justifications presented by the bidder are not satisfactory, the Contracting Authority may reject the bid after the technical opinion of the Public Contracts Regulatory Agency.

#### **Article 33: Preference granted national bidders**

National Contractors shall benefit from a margin of national preference during the evaluation of bids as provided for in the Public Contracts Code.

#### **Article 34: Award**

34.1 The Contracting Authority shall award the Contract to the bidder whose bid was judged essentially in compliance with the Tender File and who has the required technical and financial capacities to execute the Contract satisfactorily and whose bid was evaluated as the lowest by including, where necessary, proposed rebates

34.2 If, according to article 13(2) of the General Regulations, the Invitation to Tender comprises several lots, the lowest bid shall be determined by evaluating this Contract with other lots to be awarded concurrently, by taking into account the rebates offered by the bidders in the case of more than one lot.

34.3 Any award of Contract shall be made to the bidder fulfilling the technical and financial capacities required resulting from the evaluation criteria and presenting the bid evaluated as the lowest.

#### **Article 35: The right by the Contracting Authority to declare an Invitation to Tender unsuccessful or cancel a procedure**

The Contracting Authority reserves the right to cancel a procedure of Invitation to Tender after the authorisation of the Minister Delegate at the Presidency in charge of Public Contracts where the bids have been opened or to declare an Invitation to Tender unsuccessful after the advice of the competent Tenders Board, without any claims being entertained.

#### **Article 36: Notification of award of the Contract**

Before the expiry of the validity of the bids set in the Special Regulations, the Contracting Authority shall notify the preferred bidder by telecopy confirmed by registered mail or by any other means that his bid was retained. This letter will indicate the amount the Project Owner will pay the Contractor to execute the works and the execution time-limit.

#### **Article 37: Publication of results of award and petitions**

37.1 The Contracting Authority shall communicate to any bidder or administration concerned, upon request addressed to it within a maximum deadline of five (5) days after Publication of the award results, the Independent Observer's report as well as the minutes of the award session of the related Contract to which shall be attached the evaluation report of the bids.

37.2 The Contracting Authority is bound to communicate the reasons for the rejection of bids of the bidders concerned who so request.

37.3 After Publication of the award results, bids that are not withdrawn within fifteen (15) days shall be destroyed, without any claims for compensation being entertained. Only the copy destined for the body in charge of regulation shall be kept.

37.4 In case of petition, it should be addressed to the Public Contracts Authority, with copies to the body in charge of the regulation of Public Contracts, the Contracting Authority and the chairperson of the Tenders Board concerned.

It must take place within a maximum deadline of five (5) working days after the Publication of the results.

#### **Article 38: Signing of the Contract**

38.1 After Publication of the results, the draft Contract subscribed by the successful bidder is submitted to the Tenders Board for examination and where applicable, to the Minister in charge of Public Contracts for prior endorsement.



38.2 The Contracting Authority has a deadline of seven (7) days to sign the Contract from the date of reception of the draft Contract examined by the competent Tenders Board and subscribed by the successful bidder and where applicable, the endorsement of the Minister in charge of Public Contracts.

38.3 The Contract must be notified to the successful bidder within five (5) days of its date of signature.

**Article 39: Final Bond**

39.1 Within twenty (20) days of the notification by the Contracting Authority, the Contractor shall furnish the Project Owner with a final bond, to guarantee the complete execution of the works.

39.2 The bond whose rate varies between 2 and 5 percent of the amount of the Contract inclusive of all taxes, may be replaced by a guarantee from a banking establishment approved according to the instruments in force with the Project Owner as beneficiary or by a joint or several guarantee.

39.3 Small and medium-sized enterprises (SME) constituted of national capital and managed by nationals may, in lieu of the guarantee, provide a statutory lien or a bond issued by a banking establishment or first rate financial institution approved in accordance with the instruments in force.

39.4 Failure to produce the final bond within the prescribed time limit shall likely cause the termination of the Contract under the terms laid down in the General Administrative Conditions.

**Document N°. 3**  
**SPECIAL REGULATIONS OF THE**  
**INVITATION TO TENDER**



## SPECIAL REGULATIONS OF THE INVITATION TO TENDER

References of the General regulations	Description
1	<b>Definition of works:</b> <b>For the Construction of Science Laboratories in Some Government High Schools in the North West Region Divided into Two (02) Lots.</b> Name and address of the Contracting Authority: The President of the North West Regional Assembly  Reference of Invitation to Tender: N° ____/ONIT/NWRA/NWRAITB/2026 of ____/____/2026
2	Execution deadline: <b>Four (04) Months per lot</b>
3	<b>Source of financing</b> Works which form the subject of this Invitation to Tender shall be financed by the 2026 Public Investment Budget assigned to the North West Regional Assembly
4	List of pre-qualified candidate. Not applicable
5	Origin of building materials, equipment, and supplies: The materials will generally be from natural sources in Cameroon or imported.

### 6.1 Evaluation criteria

The bids shall be evaluated according to the main criteria as follows:

#### C. Eliminary criteria

1. Absence or non-conformity of an element in the administrative file non regularized within 48 hours after opening of bids
2. Execution deadline higher than prescribed in the Tender File;
3. False declaration or falsified documents;
4. Absence or insufficient bid bond;
5. A bid with the external envelope carrying a sign leading to the identification of the bidder;
6. Incomplete financial file;
7. Non respect of **75%** of essential criteria;
8. Suspended by MINMAP for 2026.
9. Average annual turnover of at least the tendering amount (Average annual turnover calculated as total certified payments received for contracts in progress or completed, within the last five (5) years (from 2021). This should be justified by copies of past contracts (completed or ongoing). Final reception minutes for all completed contracts before 2026 and provisional reception minutes for contracts completed in 2025 should be presented.
10. Failure to provide a backup copy of offers saved in a USB key or a CD/DVD on time;
11. Failure to comply with the format of file type and size for online submission;
12. Failure to present a CDEC receipt or proof of deposit of the amount of the bid bond requested into the Deposit and Guarantee Fund;
13. Failure to present a certificate of categorization or receipt of deposit of file for categorisation of the enterprise in the **“Building and General Equipment”** sub-sector of activities.

#### D. Essential criteria

- 1- General presentation of the Tender Files;
- 2- Financial capacity;
- 3- References of the company in similar achievements visa by the competent administrative authority;
- 4- Quality of the personnel;



- 5- Technical organization of the works;
- 6- Safety measures on the site;
- 7- Logistics;
- 8- Attestation of site visit duly signed on honour by the bidder and report of site visit with pictures;
- 9- Special Technical Clauses initialed in all the pages, signed and dated at the last page;
- 10- Special Administrative Clauses completed and initialed in all the pages, signed and dated at the last page.

The criteria relating to the qualification of candidates could be indicative on the following:

The essential criteria are subjected to minima whose detail is given in the Special Tender Regulation (RPAO).

This evaluation will be done in a purely positive way (yes) or negative (no) with an acceptable minimum from at least 75% of the essential criteria taken in account.

The Contract will be awarded to the bidder who would have proposed the offer with the lowest amount, in conformity with the regulations of the Tender Documents and having satisfied **100%** of the eliminatory criteria and at least **75%** of the essential criteria. A bidder can bid for more than one lot but can be awarded only one lot.

#### **ARTICLE 6: Language of the bids:**

The offer like any correspondence and all documents concerning the tender, exchanged between the tenderer and the Project Owner will be written in French or English. The complementary documents and the printed papers form provided by the Bidder can be written in another language on condition of being accompanied by a precise translation in French or English; in which case and for purposes of interpretation of the offer, the translation will be taken.

### **7. PRESENTATION OF THE TENDER**

**ENVELOPE A: ADMINISTRATIVE DOCUMENTS:** It shall contain the administrative documents of the enterprise. These documents shall be original or copies certified by competent authorities not more than three months.

#### **ADMINISTRATIVE DOCUMENTS.**

DOCUMENT N°	DESCRIPTION
A.1	Declaration of intention to tender stamped with the tariff in force (written by the bidder) with a fiscal stamp.
A.2	Certified Copy of the Business Registration, not more than three months old.
A.3	Certificate of non-bankruptcy established by the Court of 1st instance or the Chamber Commerce, Industry and Trade of the place of residence of the bidder, not more than three (03) months.
A.4	Attestation of bank account of the bidder, issued by a first rate-bank approved by the Ministry in charge of Finance. (See list of approved banks on page 103 of this tender file)
A.5	Purchase receipt of Tender File issued by North West Regional Assembly Treasury
A.6	A bid bond issued by a first rate-financial institution approved by the Ministry in charge of Finance in conformity with COBAC conditions and a CDEC receipt or proof of deposit of the amount of the bid bond requested into the Deposit and Guarantee Fund.
A.7	An attestation of non-exclusion from Public Contracts issued by the Public Contracts Regulatory Board (ARMP)
A.8	An Attestation of the National Social Insurance Fund stating that the bidder has met all his obligations vis a vis the Fund; the attestation valid within the given time.
A.9	Tax compliance certificate or Clearance Certificate signed by the chief of Centre of Taxes that the bidder has met all the statutory declarations in issues of taxes in the current financial year; this certificate should be less than three months old.
A.10	Copy of a valid taxpayer's card, delivered by the chief of center of Taxes.



A.11	A certified copy of categorization certificate by MINMPA or receipt of deposit of file for categorisation of the enterprise in the “ <b>Building and General Equipment</b> ” sub-sector of activities
A.12	Plan and attestation of location of the Company signed by the bidder on honour
A.13	Power of attorney if necessary
A.14	Group agreement where applicable
A.15	Special Technical Clauses initialed on all the pages and signed, dated and stamped on the last page.
A.16	Special Administrative Clauses completed and initialed on all the pages, signed, dated and stamped on the last page.

**ENVELOPE B: TECHNICAL DOCUMENT:** It shall contain the following:

<b>A. General presentation of bids</b>	
- Presence of all documents .....	yes/no
- Properly bound.....	yes/no
- Table of content .....	yes/no
- Separators in colour apart from white.....	yes/no
- Order prescribed respected.....	yes/no
- Clearness of the documents.....	yes/no
<b>TOTAL 1</b>	<b>/6</b>
<b>B. The company references</b>	
References of the company in similar works for the past ten (10) years:	
- 01 certified copy of similar contract visa and legalized by a competent administrative authority equal or above 40 million FCFA ATI (1 <sup>st</sup> and last pages) and PV of final reception for works realized before 2025 and provisional reception for works realized in 2025.	yes/no
- 01 certified copy of similar contract visa and legalized by a competent administrative authority equal to or more than 20 million CFA ATI (1 <sup>st</sup> and last pages) and PV of final reception for works realized before 2025 and provisional reception for works realized in 2025.	yes/no
- 01 certified copy of similar contract visa and legalized by a competent administrative authority below 20 million and above 10 million (1 <sup>st</sup> and last pages) and PV of final reception for works realized before 2025 and provisional reception for works realized in 2025.	yes/no
<b>TOTAL 2</b>	<b>/3</b>
<b>C. Equipment</b>	
- Proof of ownership or hire of a domp truck .....	yes/no
- Proof of ownership or hire of a 4x4 pick-up vehicle in good operating condition .....	yes/no
- Proof of ownership of a vibrator in good operating condition ...	yes/no
- Proof of ownership or hire of a concrete mixer of at least 0.5m <sup>3</sup> volume .....	Yes/no
- Proof of ownership of masonry tool kids .....	yes/no
- Proof of ownership of electrical tool kid .....	yes/no
- Prof of ownership of carpentry tool kids .....	yes/no
- Proof of ownership or hire of plumbing tool kids .....	yes/no



	<b>TOTAL 3</b>	<b>/8</b>
<b>D. Qualification of site personnel</b>		
- Organizational Chart of the enterprise.....		yes/no
- Organizational Chart of site with comments .....		yes/no
<b>Works Director: Civil Engineer with at least 05 years of working experience</b>		
- Diploma of work Director certified.....		yes/no
- Attestation of presentation of original diploma works director .....		yes/no
- CV signed and dated by works Director.....		yes/no
- Professional experience of works Director above five years.....		yes/no
- Attestation of availability dully signed by the works director .....		yes/no
<b>Site foreman: Senior technician in Civil Engineering with at least 05 years of working experience</b>		
- Certified copy of certificate of site foreman.....		yes/no
- Attestation of presentation of original diploma of site foreman .....		yes/no
- CV signed and dated by site foreman.....		yes/no
- Professional experience of site foreman above five years .....		yes/no
- Attestation of availability of site foreman .....		yes/no
<b>Chief builder: BAC in Civil Engineering with at least three years of working experience</b>		
- Certified copy of diploma of chief builder.....		yes/no
- Attestation of presentation of original diploma of Chief Builder ...		yes/no
- CV signed and dated by Chief Builder .....		yes/no
- Attestation of availability of Chief Builder .....		Yes/no
<b>Chief carpenter: BAC in wood work with at least three years of working experience</b>		
- Certified copy of diploma of chief carpenter.....		yes/no
- Attestation of presentation of original diploma of Chief Carpenter ....		yes/no
- CV signed and dated by Chief Carpenter .....		yes/no
- Attestation of availability of Chief Carpenter .....		Yes/no
<b>Chief Electrician: BAC in Electricity with at least three years of working experience</b>		
- Certified copy of diploma of chief electrician .....		yes/no
- Attestation of presentation of original diploma of chief electrician .....		yes/no
- CV signed and dated by chief electrician .....		yes/no
- Attestation of availability of chief electrician .....		Yes/no
<b>Chief Plumber: CAP in plumbing with at least three years of working experience</b>		
- Certified copy of diploma of chief plumber .....		yes/no
- Attestation of presentation of original diploma of chief plumber..		yes/no
- CV signed and dated by chief plumber .....		yes/no
- Attestation of availability of chief plumber		Yes/no
<b>Chief painter: CAP/trade certificate in painting at least three years</b>		



- Certified copy of diploma of chief painter .....	yes/no
- Attestation of presentation of original diploma of chief painter ...	yes/no
- CV signed and dated by chief painter .....	yes/no
- Attestation of availability of chief painter .....	Yes/no
<b>TOTAL 4</b>	<b>/31</b>
<b>E. The methodology of intervention and execution of work</b>	
- Attestation of site visit signed by the bidder on honour.	yes/no
- Site Visit report signed and dated by bidder or dully authorised representative with pictures .....	yes/no
- Detailed technical note on the organization and execution of works...	yes/no
- Coherence synchronized planning of execution of works.....	yes/no
- Coherence of Individual Protection Plan (IPP) within the building site...	yes/no
- Coherence of the General Security and Safety Plan (GSSP) within the building site...	yes/no
- Description of the socio - environment measures for site protection.....	yes/no
- Coherence in the methodology of execution of works .....	yes/no
- Coherence in the organization of the site.....	yes/no
-Plan of supply of constructional materials and storage conditions .....	yes/no
- CCTP dully initialled on each page, signed and dated on the last page	yes/no
<b>TOTAL 4</b>	<b>/11</b>
<b>F- Pre-financing</b>	
Attestation of credibility shall be at least 80% of the bid price issued by a first rate banking institution.....	yes/no
<b>TOTAL</b>	<b>/1</b>
<b>TOTAL = TOTAL1 + TOTAL2+ TOTAL3+ TOTAL4+ TOTAL5 + TOTAL6</b>	<b>/60</b>

### ENVELOPE C- FINANCIAL FILE

The third internal envelope shall be labled and shall contain the following documents:

No.	DESIGNATION.
C1	A submission letter, signed, dated and stamped.(see ANNEX 3)
C2	Completed and signed frame work of unit prices.
C3	Signed Bills of quantities and cost estimates indicating the total amount without taxes (HT) and with taxes (TTC)
C4	Sub details of unit prices

- The bidders will use for this purpose the documents and models envisaged in the Tender Documents, subject to the provisions of Article 12.2 of the General Regulation of the Invitation to Tender (GRIT) concerning the other possible forms of bid bond.
- The various parts of the same file must be separated with colour guides from as well in the original as in the copies, so as to facilitate its examination

The Tender must be submitted by the Tenderer on the COLEPS Platform not later than   /  /**2026** at **10:00am**. A backup copy of the Tender saved In a USB key or a CD/DVD must be sent in a sealed envelope with a clear and legible indication “backup copy” within the time limit bearing the label:



**OPEN NATIONAL INVITATION TO TENDER FILE**  
**N° \_\_\_\_/ONIT/NWRA/ITB/2026 OF \_\_\_\_ / \_\_\_\_ / 2026 FOR THE CONSTRUCTION OF SCIENCE**  
**LABORATORIES IN SOME GOVERNMENT HIGH SCHOOLS IN THE NORTH WEST REGION**  
**DIVIDED INTO TWO (02) LOTS**

***"To be opened only during the bid-opening session"***

**File Size and Format:**

For online bidding, the maximum size of the documents that will be uploaded on the platform and constituting the bidder's offer shall be;

- 5 Mb for Administrative offers;
- 15 Mb for the Technical offers;
- 5 Mb for the financial offers.

Supported formats shall include:

- PDF formats for texts documents;
- JPEG formats for images.

The Tenderer shall use a compression software to reduce the size of the file to be submitted.

**CONTRACT PRICE**

**ARTICLE 8: Currency of payment**

This National Invitation to tender is awarded on total and Contractual price, inclusive of all taxes, firm and non-revisable for the works defined in the present Invitation to Tender.

The corresponding amount will be calculated inclusive of all taxes and the prices will be obligatorily expressed in francs CFA.

The unit schedule price expressed out in figures and letters and in seven (07) copies will be joined to the offer. In the event of error between the prices in figures and letters, the latter will precede and be used as a basis of calculation of the amount of the offer.

The establishment of the prices will be done on the basis of economic condition into force in Republic of Cameroon at the handover date of the offers.

**ARTICLE 9: Transport and delivery**

The materials for work must be protected during transportation through packaging whether by air, railway or road according as the case may be. The conditions of storage must be of tropical type.

**ARTICLE 10: Guarantee and retention guarantee**

**10.1 Provisional guarantee**

The amount of the provisional guarantee or guarantee of tender is fixed as of the table below:

LOT No.	PROJECT	AMOUNT	AMOUNT OF BID BOND	TENDER FILE FEE
01	Construction of Biology and Geology Lab at GHS Babungo (Lot 1)	40,000,000	800,000	57,500
02	Construction of a Physics and Geology Lab at GHS Nkor-Noni (Lot 2)	40,000,000	800,000	

The time of validity of this guarantee is one hundred and twenty (120) days as from the date of depositing of the offers. **It must also have a CDEC receipt or proof of deposit of the amount of the bid bond requested into the Deposit and Guarantee Fund.**

**10.2 Final Bond**

The final Bond is fixed at two percent (2%) maximum of the initial amount of the services envisaged in the contract.



It could be replaced by a personal guarantee from a banking institution approved by the Ministry of Finances, following COBAC conditions.

It will have to be made up in twenty (20) days following the notification of the signature of the Contract from a bank approved by the Minister in charge of Finances.

It must also have a CDEC receipt or proof of deposit of the amount of the final bond requested into the Deposit and Guarantee Fund.

### **10.3 Guarantee Retention**

The Guarantee Retention shall be set at ten percent (10%) of the contract amount inclusive of all taxes. The Guarantee Retention can be deducted or cautioned. If cautioned, **the guarantee Retention is issue by a first rate banking institution or insurance company and must also have a CDEC receipt or proof of deposit of the amount of the guarantee Retention requested into the Deposit and Guarantee Fund.**

### **ARTICLE 11: Period of validity of the offers**

The bidder will remain committed to his offer for Ninety (90) days as from the handover date of the offers.

If at the end of this period, the Contract is not notified to him, the bidder will be able, either to cancel his offer, or to ask for a new negotiation of the unit prices.

### **ARTICLE 12: Number of copies to be submitted**

For Online submission, see article 7 page 34.

### **ARTICLE 13: Date and latest time of submission of bids**

The backup copy of offers saved in a USB key or a CD/DVD will have to arrive under closed fold and seal latest   /  /  2026 at 10:00am, by mail registered with acknowledgement of delivery or by deposit against receipt to the following address: Office of the Director of General Affairs at the North West Regional Assembly, North West (Tel N° 2 33 36 00 92) or submitted online using the address: **www.marchespublics.cm**. Beyond this time no offer will be received nor accepted.

### **ARTICLE 14: Opening of the bids**

The opening of the bids will be carried out in the conference room of **The President of the North West Regional Assembly Internal Tenders' Board** on   /  /  2026 as from 11: 00am, by the Regional Assembly Internal Tenders' Board sitting in the presence of the bidders or their mandated representatives having a good knowledge of the file.

## **AWARD OF THE CONTRACT**

### **ARTICLE 15: Award of the Contract**

The Tenders Board will propose to the Contracting Authority to award the Contract to the bidder who will have presented the offer with the lowest amount, essentially conforming to the regulations of the Tender File, having satisfied **100% of all the eliminatory criteria and at least 75% of the essential criteria** taken into account. **(A Bidder can bid for more than one Lot but can be awarded only one Lot)**

The decision carrying attribution of the Contract will be published by way of press release or any other means of Publication of use in the Administration.

If the Contract passed on the basis of technical alternative suggested by the bidder, the Contracting Authority reserves the right to introduce all the provisions there allowing him to guarantee itself against the real overrun costs of the alternative compared to his estimate of origin. In the absence of these last precise details, any additional charge due to an alternative will be inadmissible.

To this end, it is specified that a bidder cannot claim to be compensated, if it is not taken action on his offer.

The Contracting Authority reserves the right not to take action on an Invitation to Tender, if it did not obtain a proposal which appears acceptable to him.

#### **ARTICLE 16: SITE INSTALLATION**

Before the commencement of works, the Contractor must be installed on the site by the following:

- ❖ The President of the North West Regional Assembly or his representative (Chairman)
- ❖ The Contract Manager
- ❖ The Contract Engineer (Secretary)
- ❖ The Regional Delegate MINMAP North-West or his representative;
- ❖ The Regional Delegate MINEPAT North-West or his representative;
- ❖ Contractor
- ❖ The Principal of the concern school (Observer)
- ❖ The Commissioner for Education at the North West Regional Assembly (Observer)



**Document N°. 4**  
**SPECIAL ADMINISTRATIVE CONDITIONS**  
**(SAC)**

## Table of contents

### Chapter I: General

- Article 1 - Subject of the Contract
- Article 2 - Award procedure
- Article 3 - Definitions and duties (article 2 of GAC supplemented)
- Article 4 - Language, applicable law and regulations
- Article 5 - Constituent documents of the Contract (article 4 of GAC)
- Article 6 - General applicable instruments
- Article 7 - Communication (GAC articles 6 and 10 supplemented)
- Article 8 - Administrative Orders (article 8 of GAC supplemented)
- Article 9 - Contracts with conditional phases (article 15 of GAC)
- Article 10 - Contractor's personnel (article 15 of GAC supplemented)

### Chapter II: Financial conditions

- Article 11 - Guarantees and bonds (articles 29 and 41 of GAC supplemented)
- Article 12 - Amount of Contract (articles 18 and 19 supplemented)
- Article 13 - Place and method of payment
- Article 14 - Price variation (article 20 of GAC)
- Article 15 - Price revision formulas
- Article 16 - Price updating formulas (article 21 of GAC)
- Article 17 - Work under State supervision (article 22 of GAC supplemented)
- Article 18 - Evaluation of works (article 23 supplemented)
- Article 19 - Evaluation of supplies (article 24 of GAC) supplemented)
- Article 20 - Advances (article 28 of GAC)
- Article 21 - Payments for the works (articles 26, 27 and 30 of GAC supplemented)
- Article 22 - Interests on overdue payments (article 31 of GAC supplemented)
- Article 23 - Penalties for delay (article 32 of GAC supplemented)
- Article 24 - Payment in case of a group of enterprises (article 33 of GAC)
- Article 25 - Final detailed account (article 35 of GAC)
- Article 26 - General detailed account (article 35 of GAC)
- Article 27 - Tax and customs schedule (article 36 of GAC)
- Article 28 - Stamp duty and registration (article 37 of GAC)

### Chapter III: Execution of the works

- Article 29 - Nature of works
- Article 30 - Obligations of the Project Owner (GAC supplemented)
- Article 31 - Execution deadline of Contract (article 38 of GAC)
- Article 32 - Roles and responsibilities of the Contractor (article 40 of GAC)
- Article 33 - Making available documents and site (article 42 of GAC)
- Article 34 - Insurance of structures and civil responsibility (article 45 of GAC)
- Article 35 - Documents to be furnished by the Contractor (article 49 supplemented)
- Article 36 - Organisation and security of sites (article 50 of GAC)
- Article 37 - Implantation of structures (article 52 of GAC)
- Article 38 - Sub-Contracting (article 54 of GAC)
- Article 39 - Site laboratory and trials (article 55 of GAC)
- Article 40 - Site logbook (article 56 of GAC supplemented)
- Article 41 - Use of explosives (article 60 of GAC)

### Chapter IV: Acceptance

- Article 42 - Provisional acceptance (article 67 of GAC)
- Article 43 - Documents to be furnished after execution (article 68 of GAC)
- Article 44 - Guarantee time-limit (article 70 of GAC)
- Article 45 - Final acceptance (article 72 of GAC)

### Chapter V: Miscellaneous provisions

- Article 46 - Termination of the Contract (article 74 of GAC)
- Article 47 - Force majeure (article 75 of GAC)
- Article 48 - Differences and disputes (article 79 of GAC)
- Article 49 - Drafting and dissemination of this Contract
- Article 50 and last: Entry into force of the Contract



## CHAPTER I: GENERAL

### Article 1: Subject of Contract

The subject of this Contract shall be **for the Construction of Science Laboratories in Some Government High Schools in the North West Region Divided into Two (02) Lots**

### Article 2: Contract award procedure

This Contract is awarded by Open National Invitation to Tender No \_\_\_\_\_/ONIT/NWRA/ITB/2026 of \_\_\_\_/\_\_\_\_/2026.

### 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 Public Works 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 Assembly.
- ✓ **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 Paymaster General North West Region**.
- 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 5<sup>th</sup> August 1996 on the management of the environment;
5. Law No. 2025/012 of 17 December, 2025 bearing on the Finance Law of the Republic of Cameroon for the 2026 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 20<sup>th</sup> 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 23<sup>rd</sup> February 2001 relating to the Setting up, Organization and Functioning of the Public Contracts Regulatory Agency
14. Decree No. 2003/651/PM of 16<sup>th</sup> April 2003 to lay down the Procedure for Implementing the Tax and Customs System applicable to Public Contracts;
15. Decree No. 2012/075 of 8<sup>th</sup> 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 19<sup>th</sup> 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 2026 Financial Law of the Republic of Cameroon
23. Circular No. 00001877/C/MINFI of 31<sup>st</sup> December, 2025 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 2026 financial year;
24. Circular No. 0001/PR/MINMAP/CAB of 25 April, 2022 relating to the application of the Public Procurement Code
25. Press Release No. 000024/R/MINMAP/CAB/CT2 of 5 August, 2025 announcing the presentation of the categorization certificate in the award process of public contracts.
26. The MINCOMMERCE Decree setting the Price List O



27. Order No 402/A/MINMAP/CAP of 21 October 2019 setting the nature and threshold of contracts reserved for craftsmen, small and medium-sized enterprises, grassroots communities and civil society organisations, and the modalities of their application;
28. Order No 000333/O/MINMAP/CAB of 27 December 2024 to set the schedule for the migration to exclusive award of public contracts electronically.
29. Circular No 0000014/C/MINMAP/CAB of 23<sup>rd</sup> July, 2025 on the conditions for constitution, guarantee, preservation, release, restitution and realization of guarantees in public contracts,
30. 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.
31. Unified Technical Documents (DTU) for building works;
32. Applicable standards;
33. 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, the Engineer and the Regional Delegation of Public Contract North West.
- 7.2 The contractor shall address all written notifications or correspondences to the Engineer with a copy to the Contract Manager and the Regional Delegation of Public Contract North West.

#### **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) (Not applicable)**

- 9.1 This Contract has only one phase for 2026 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. It must also have a CDEC receipt or proof of deposit of the amount of the final bond requested into the Deposit and Guarantee Fund.

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.

If cautioned, the Performance bond must also have a CDEC receipt or proof of deposit of the amount of the Performance bond into the Deposit and Guarantee Fund



### **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.

The Guarantee of start-off advance must have a CDEC receipt showing the deposit of the amount of the Guarantee of start-off advance into the Deposit and Guarantee Fund.

### **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)**

33.1 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.

33.2 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 30<sup>th</sup> 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 (5<sup>th</sup>) 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 5<sup>th</sup> 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 30<sup>th</sup> 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 30<sup>th</sup> 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 30<sup>th</sup> 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 30<sup>th</sup> 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)

(*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 *Contact 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;
- The Contract Manager
- RD/MINMAP/NW (Observer);
- The Principal of the concerned school;
- 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 Manager or his representative..... (Member)
- 3- The Contract Engineer..... (Secretary)
- 4- The Stores Accountant of North West Regional Assembly..... (Member)
- 5- The RD MINMAP/NW or his representative..... (Observer)
- 6- The Beneficiary ..... (Observer)
- 7- The Commissioner for Education, Sports and Cultural Development at the North West Regional Assembly .....(Observer)
- 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 at least 2/3 of 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 Construction of Science Laboratories in Some Government High Schools in the North West Region Divided into Two (02) Lots

Works to be done consists of

- 100 PRELIMINARY WORKS
- 200 EARTHWORKS
- 300 FOUNDATION
- 400 ELEVATION OF GROUND FLOOR
- 500 WALL MASONARY
- 600 METALLIC/WOOD WORKS
- 700 ELECTRICAL INSTALLATIONS AND LIGHTENING SECURITY
- 800 ROOF/CEILING WORKS
- 900 PAINTING/TILLING
- 1000 SANITATION WORKS
- 1100 HYGIENE AND ENVIRONMENTAL PROTECTION

### DESCRIPTIVE NOTES FOR THE CONSTRUCTION OF SCIENCE LABORATORIES IN SOME GOVERNMENT HIGH SCHOOLS IN THE NORTH WEST REGION DIVIDED INTO TWO (02) LOTS

## TECHNICAL SPECIFICATIONS

### GENERALITIES – GHS BABUNGO

These descriptive notes and technical specifications are drawn up for the purpose of **Construction of a Construction Science Laboratory in GHS BABUNGO, NGOKETUNJIA Division of the North West Region of Cameroon**. This handbook is for those to execute, supervise and the authorising officer, to direct and guide them towards quality choice of materials, method of job execution and conditions of realization in order to achieve the highly desired goal. Building materials to be used are those that are generally permitted in the construction industry in Cameroon and only qualified technicians must be employed to transform same into the structure clearly shown on the working drawings. The structural, functional and aesthetical value of these buildings depends very much on the professional manipulation of chosen personnel's and materials.

The contractor or builders charged with the execution of this project must carefully study the working documents, visit the site and bring up points not understood to the Architect or the control Engineer or the site supervisor (as may be necessary) for clarification before making shop drawings and implementation at all stages of the realization of this project.

The contractor shall proceed with a careful study of the project, and as the need arises, make observations and suggestions; and receive feedback from the Architect before continuing with work. All supplementary

tasks must be verified and signed by the supervisor after obtaining the consent of the Architect on the technical aspects and the Project owner if such tasks have financial incidence on the total cost of the project. Careful structural studies must be done to determine characteristics of the soil, hence the depth and type of foundation necessary to safely bear and transmit both the dead and live loads of buildings.

## **PRELIMINARY WORKS**

### **Building Site Installations**

The contractor shall clear the site of all debris and set up temporary structures and facilities needed to execute the works, such as:

- Offices of the Contractor equipped with tables, chairs and lock-up Cupboards.
- Building site toilet facility (as necessary)
- Storage for building materials, etc.

### **Connection to Utility Networks**

#### Water :

Connect to the CDE water supply network, where possible, or any other solution acceptable to the supervisor, if the CDE network is not available. The Contractor shall be responsible for the constant supply of sufficient water to the project site. He shall not, under any circumstance, use the excuse that those supplying him with water or that CDE have failed in their assignment to justify delays in the execution of the contract. The water used must be of an acceptable quality for the works, especially from other sources available.

#### **Sanitation**

The contractor shall ensure the availability and use of toilet facilities at the work site for his workers and those providing ancillary services on the site.

## **WORKS TO BE EXECUTED**

### **Earth Works**

Demolition, clearance of debris and trench excavation works shall be done manually and /or mechanically with due care taken not to cause damage to adjoining property. Trenches large enough for workers to operate in shall be dug to receive pad foundation and appropriately located footings for pillars which shall be linked by ground beams. These operations shall be done under the close supervision of the control Engineer. The foundation width and depth will be done strictly to the detailed structural drawings and calculation table specifically prepared for that purpose.

### **Blinding Concrete.**

A 5cm thick lean concrete mix of 150kg/m<sup>3</sup> (cpj 42.5) shall be laid under pad foundations and pillar footings.

### **Mass Concrete**

The ground floors and outdoor pavements of this building shall be of mass

Concrete dosed at 300kg/m<sup>3</sup> in conformity with the rules and regulations regarding pavements, and with finishes as required by the design.



## Reinforced concrete

The skeleton (framework) of this building consists of R.C beams and pillars, which must be cast in-situ and in accordance with the rules of CP 110 and batching done according to trial batches or Dreux method, by weight and or volume, closely supervised by the Engineer in charge. Mixing, transportation, placing and vibration of all concrete works shall be done manually and or mechanically. Reinforced concrete for pillars, beams, lintels, ribs to upper floors, and the ring beam shall be dosed at  $350\text{kg/m}^3$ .

Based on the structural analysis to be done by a qualified structural Engineer, the magnitude of the dead and live loads shall be determined to permit a safe structural design of the buildings.

The ground floors shall receive 10cm thick mass concrete dosed at  $300\text{kg/m}^3$  laid on a layer of hardcore the thickness of which shall be determined and approved by the control Engineer.

The coarse aggregates shall be of class 15/25 and free from organic impurities and any substances that may adversely affect the strength and workability of the concrete. Cast concrete shall be cured as required by the art to permit it achieve maximum strength.

## Reception for Reinforcements

Before concrete is cast, the Contractor must inform the supervisor that work has been completed in the assembling of reinforcements so that they can be approved. The Control Engineer shall indicate "Good for concreting" on the building site log, after reception, thereby authorizing the Contractor to proceed.

## Formwork

All foundation concrete structures shall be made inside ordinary concrete forms, unless otherwise specified by the supervisor and should meet the following requirements:

- a) If the concrete box is made with timber that has simply been assembled, the boards must be of the same level and properly jointed. The maximum space between the joints should be 2 mm. The maximum difference in level between two jointed planks should be 3 mm.
- b) If the ordinary form is made with fibreboard or plywood, the sides must be properly jointed and be at the same level. The tolerated space between joints should be same as those between sawn timbers.
- c) Formwork for Reservations or recesses

Recesses intended for masonry fittings or other uses should be made using appropriate forms. Such forms should be put together in such a way that their parts can be removed without damage to the structure.

### Pre-casting Preparations

#### a) *Cleanliness of forms*

The form must be free from hydrocarbon products such as grease, etc or rust. If there are any stains, these must be thoroughly cleaned up.

#### b) *Cleaning*

Before concreting, the concrete boxes must be carefully cleaned to remove all dust and debris. Compressed air should be used to finish the cleaning.

#### c) *Watering*

Timber forms must be sufficiently watered before concreting. They should be watered several times to make the wood as wet as possible, causing it to swell and close any gaps in the joint.

The wet surfaces must not, however, be dripping with water. Excess water shall be blown out using compressed air.

#### d) *Coating with oil*

The following shall be oiled before concreting:

- Worked moulds of plywood or fibreboard and all moulds for fine dressing
- Excess oil in the moulds must be drained before concreting. The oils used should be special stripping oils.
- The oil used must not touch the reinforcement rods.



- *Maintenance*

If the moulds are to be used more than once they should be properly cleaned, and if necessary, repaired before reuse.

- *Safety of Workers and Others on site*

Nails and bolts should immediately be removed from used forms if they are to be used again. Otherwise, the forms should be burnt immediately or stored at a distance from the building site, in a place that is not accessible to the public. Stability/firmness of formwork should be assured.

## **Constituent Materials of Reinforced Concrete**

- **Crushed Aggregate**

All crushed aggregate on the building site should be stored in the compartments intended for this purpose. The only aggregates authorized on the building site are the following:

- Crushed 0/5 gravel (river sand)
- Crushed 5/15 fine gravel
- Crushed 15/25 coarse gravel
- Natural or crushed sand 0/5 (the quantity retained on a 5 mm sieve must be less than 10 %).

Crushed aggregate supplied to the site shall be subject to prior approval of the supervisor. The latter must approve the origin of the aggregate. The aggregate should come from rivers, quarries or crushed stable igneous rocks, free impurities, organic matter, dust, mud and clay; and should not stick to grip.

With respect to particle distribution, the following shall apply:

- **Sand (Fine Aggregate)**

Sand shall have the characteristics specified in the tables of approved tests. Sand must be fine, clean, hard, and sharp and must not stick to the hand. It must be free of any soil or limestone, clay, debris and organic particles.

It should (if need be) be sieved and washed. The sand must come from approved quarries or from rivers. It must not contain more than 5% weight of grit passing through a sieve with 900 meshes per cm<sup>2</sup> and must not contain particles, whose biggest dimensions exceed the following limits:

- For mortar 0/2 mm
- For reinforced concrete 0/5 mm
- For mass concrete 10/5 mm
- 

**Cleanliness:** The sand must have sand equivalent (SE) higher than 75.

- **Cement**

Cement shall be true Portland of standard brand and manufacture, i.e. CPA 45 or CPJ 35 type or equivalent.

The cement used should be artificial Portland cement 215.325 P.15.302 Standard. It should be supplied to the building site in six ply paper bags. Any humid cement shall be rejected and immediately removed from the building site.

The Contractor must inform the supervisor that he has received his supplies for immediate inspection and approval.

Random samples could be taken from each lot and tested in an approved laboratory using the AFNOR P.15.301 Standard, at the contractor's expense.

Those that do not meet the standards must be removed from the stock and taken away from the building site.

The bags must be in good shape, at the time they reach the site, and should be stored in a covered and completely dry place, and on a raised plank surface that is at least 20 cm above the ground.



## Reinforcements

All reinforcing bars or mesh must comply with BAEL 91 specifications. Iron rods must have French AFNOR 35.001 standard characteristics or similar. All reinforcing bars used in the building project must be of the Fe E240 grade for smooth bars and the Fe E400 grade for high bond rods. The rods must be cut with shears.

The rod should be bent cold, either manually or mechanically. Hot bending may be allowed for high adhesive rods of a diameter equal to or larger than 32 mm, on condition that a control apparatus is used to avoid overheating, and upon the approval of the Control Engineer.

The diameter of the tube benders used for bending must comply with BAEL 91 rules and approval records. Anchor tabs shall be normal 45-degree elbows at right angle or double knee anchoring. The metal used shall be clean and free from calamine. Bars with defects such as blisters, cracks or hairlines that can affect tensile strength shall be rejected.

Concrete reinforcements shall be assembled to the exact dimensions indicated in the drawings provided by the structural Engineer or the Contractor.

Reinforcements must be assembled in the workshop at the building site. They should never be assembled inside the form box if the check boards have already been put in place.

The space between the walls of the formwork and reinforcements should be at least 2.3 cm for elevation concrete and 4 cm for foundation concrete. These spaces should be obtained using prefabricated concrete or plastic shims or spacers, whose dimension should match the results to be obtained.

The concrete shims should have wires to be used in tying them to the reinforcements. There should be enough shims and mounting bars to prevent the reinforcements from being deformed during handling and concreting.

If there are any doubts as to the quality of the iron rods supplied to the project site, the control Engineer or site supervisor shall request for tensile strength tests on the samples taken from the batch. Such tests shall be done at the contractor's expense. The tests shall be carried out by a competent and approved body.

For floor ribs, all measures shall be taken to keep the bars raised and properly positioned around the supports. Enough vertical stirrups should be used to prevent any deformation. All overlaps should comply with BAEL 91 prescriptions.

Frames with traces of non-adhesive rust should be thoroughly brushed off before being placed in the forms.

The reinforcing bars, whether assembled or not, should be stored on boards and not on bare ground.

The iron rods used must be supplied by a reputable and approved manufacturer with guaranteed and stamped production quality. The 6 mm diameter iron rods could be used for circles with diameters of 200: Ø. The iron rods supplied must be at least 11 m long.

## Placing concrete

The concrete should be placed before its initial setting time, and never after it has contained its water content for more than thirty minutes; storing it in containers for subsequent use after adding water is strictly prohibited. All concrete pouring shall be accompanied by thorough vibration using a mechanical (hand) vibrator.

All reinforcing bars shall be placed in such a way that concrete can be poured from the top of the structure in question. The Contractor shall take all measures to trim and position the reinforcing bars to prevent them from being jabbed or displaced during concreting. He should also add braces (sleeves, tubes, pipes, angle blocks, pre-frames, etc) to keep the structures firmly set up.

Concrete should be transported from the place where it is mixed to the place of use in concrete buckets, wheelbarrows or head pans.

Before concreting construction joints, the surface of the old concrete must be thoroughly cleaned of any particles using compressed air, and repeatedly to reveal gravels, thus eliminating deposits of dirt; this surface should then be washed and scrubbed with an iron brush and thoroughly soaked. If necessary, admixtures for construction joints can be used, but these must comply with producers' instructions.

The formwork should never be removed earlier than 21 to 28 days, time to allow the concrete acquired its maximum strength.



## **MASONRY**

The foundation walls shall be done either in igneous (black stones) rocks either shaped or not as the need may be or hollow sandcrete foundation blocks of 20x20x40cm filled with concrete mixed at 150kg/m<sup>3</sup> using cement mortar dosed at 350/m<sup>3</sup>. The walls shall be erected with hollow sandcrete blocks of 15x20x40cm as shown on the working drawings using cement mortar dosed at 350/m<sup>3</sup>.

## **PLASTERING**

The bearing surface shall be cleaned, free from any trace of dust or products resulting from the removal of the formwork. Two base coats of plaster, respectively 1.5cm thick and a finished coat of 0.5cm thick shall be applied on the walls using cement mortar dosed at 400kg/m<sup>3</sup>.

## **CARPENTRY AND JOINERY**

Timber shall be obtained locally. It shall be well seasoned to at most 20% moisture content and shall be free from shakes, defects, insect attacks and dry rot. All door frames shall be made with hardwood. Roofing timber shall be recommended sections of mature eucalyptus well sawn and trimmed to sizes.

## **OPENINGS**

### **Metallic Openings**

All the doors and windows shall be of high quality glass and metal (aluminium) properly finished and in conformity with the dimensions on the working drawings especially in the offices. They shall be the subject of approval of the control Engineer on the site before fitting is carried out.

## **PAINTING**

The contractor must carefully examine the surface to be painted before work starts. The external wall surfaces shall be done in advancing hues while the internal surfaces shall be done in receding hues. Color pigments, lighting systems and their intensities shall be chosen such as to enhance the illumination of the spaces. The first or primary coat shall be done in weak glue (white wash) and shall be applied to receive the final or finishing coat.

Internal surface shall be done in pantex type 800 whereas pantex 1300 shall be used on external walls. Paints shall be in water and oil base for walls, ceilings, frames etc.

Metallic surfaces shall be carefully brushed and washed before applying oil paint.

## **ROOF COVERING**

All the timber for the roof truss shall be mature well seasoned eucalyptus, and shall be of straight grains, without defects and treated against insects attack with carbonyl. Most of the roof truss shall be triangular. The rafters shall be of 2"x6" (5x15cm) and the purlins 2"x4" (5x8cm.) Oblique, horizontal and vertical wind braces shall be done to secure the truss from possible up heave due to wind pressures. The roof shall be tied to the building by diameter 6mm extended reinforcement bars. The roof slope, fall direction etc. is chosen in accordance with the manufacturers (AUBAC) specification, atmospheric conditions aesthetic and longevity. The sheathing shall be 6/10 semi-circular corrugated three (3) m long aluminium sheets. They shall be screwed or nailed to the purlins by carefully chosen qualified and skillful technicians under the close supervision of the Architect. The fascia boards shall be of metal sheets with a finish hue to be determined by the Architect in close collaboration with the client.



## CEILING

The ceiling shall be executed with 4mm hard (red) plywood fixed on solidly nailed preserved noggins and painted as mentioned above.

## ELECTRICITY

- Cable sleeves: They shall consist of orange insulation tubes, diameter of 16mm embedded into the block work.
- Cable: They shall be of 2.5 mm<sup>2</sup> (of type TH ) single shall be run inside 11mm plastic coNWAit pipes for power outlets and switches that shall be embedded in walls. As a general rule, the following sections shall be taken, that is, 1.5 mm<sup>2</sup> for lighting circuits and 2.5 mm<sup>2</sup> for outlet circuits.
- Lighting equipment: It will consist of) fluorescent lamps of 1.20m or modern energy saving light bulbs, fitted inside each of the business, living or circulation spaces and at the rear ends of the buildings to act as security lamps. Model of good lamps shall be Philip, Mazda, Turbo, etc.
- Switches: A two way two gang fuse box has to be provided at the supply inlet for connection to the necessary network. A master's switch shall be put above the main black board to control the sockets. The two building shall be separately and properly earthed.

**NB:** Generally, electrical installations should be carried out in conformity with the rules and regulations of ENEO

## Mitigating the risks on the environment

These standard clauses constitute the Environmental Regulations relating to the construction works to be carried out in the realization of this project.

The contractor selected to execute the works shall have to implement not only measures aimed at mitigating the socio-environmental impacts of the projects but also environmental and social clauses outlined below. It should be stressed that these clauses apply to all types of projects, the main contractor as well as all sub-contractors or dealers.

These measures include:

- A reduction in the raising of dust particles at the work site in order to protect the health of the beneficiary population and site workers, by regular watering of the site, or the adoption of an appropriate calendar;
- A Reduction in sound (noise) effects due to the movements of the equipment and machines within the construction site;
- Non obstruction of the existing natural drainage ways, or the deposit of waste in the stream channels;
- Putting in place of a management plan for oils, fuel, lubricants and other dangerous products during construction and running of the project. This plan will have to include the recuperation of the above mentioned products and their transfer to specialized companies for treatment;
- Automatic stop of works in the event of discovery of an archaeological or historical artefact, and to report immediately to the local services of the Ministry of Culture;
- Prohibition to transport or drive out game, hunting and non timber forest products by the personnel working on the site;
- Put at the disposal of the personnel working on the site adequate equipment for potable water and use of domestic water;
- Priority for recruitment of local labour, as well as the use of local materials;
- Putting of warning Signs ( sign boards) at building site during and after work; putting speed limits warning signs as well in order to promote the safety and health of the resident population and of site workers;
- The wearing of appropriate equipment & attire (e.g work clothes) by site workers.



- Restoring (*putting back to its original nature*) gradually the installations on building site at the end of works;
- Organizing information and sensitization campaigns for site workers and the beneficiary populations, on health risks, risks of accidents, and on the impacts of poaching.

According to the various phases of the work, under the control of contracting authority-The Fon of Lewoh assisted by the local representatives of the MINTP, the provisions here-in will have to be considered or implemented by the contractor.

### **Starting of works and sensitization of stakeholders**

Before the effective start of execution of the works, the company or enterprise must prepare an environmental action plan specifying all the environmental measures to be implemented, as well as rules of procedures mentioning in a specific way the safety requirements and in particular, the wearing of appropriate equipment (work clothes) and speed limit warning signs. Furthermore, these internal rules and regulations will have to prescribe the prohibition of alcohol consumption during working hours, to transport or hunt game, to abusively use wood for fuel, as well as the sensitization of the personnel on the dangers of the STI/SIDA, the respect of the customs and habits of the people of Douala Town. These rules must be pasted at visible locations within the construction site.

On the other hand, an information and sensitization campaign of the personnel and residents will have thus to be organized beforehand and their attention drawn to all these aspects, including the calendar of execution and the employment opportunities. This sensitization campaign will have to continue during the execution phase of the works.

### **Setting up a building site**

#### **a) Localization**

The importance of setting up a site is determined by the volume and the nature of works to be realized, the number of workmen or labourers, the number and the type of machines. The plan of setting up a building site will have to take into account management and protection measures.

#### **b) Equipment**

The area for the office and housing for personnel (if necessary) on the site must be equipped with sanitary facilities (latrines, septic tanks, absorbing wells, wash-hand basins and showers) in accordance with the work force. The water tanks (reservoir) shall be installed and the quantity of water must be adequate to the need. Adequate drainage shall be provided to the installations.

#### **c) Management of solid waste and liquids**

Receptacles (*containers*) to receive waste are to be installed near the various installations. These receptacles are to be emptied periodically and the waste deposited in a garbage can for recuperation by the Council or in a dump pit. At the end of work the pit is to be filled (restored) with soil up to the level of the original soil.

### **Recruitment of the site workers, health and safety**

The contractor shall make use (in the most part) of the local labour force except for skilled labour, when not locally available then shall labour be brought from outside of Douala town.

Apart from the training and information for the personnel on the aspects mentioned above (point 1), the contractor must provide his workmen with the adequate safety equipment, in conformity with the assigned duties – masks to protect against dust particles, anti-noise helmet, safety shoes, boots, gloves, goggles etc.

During the works, mobile and fixed signs or notices shall be put installed at strategic locations to ensure the safety of staff and the resident population. The company or enterprise shall carry out routine watering of the site in order to limit air-borne dust particles. He shall also take care to limit the speed of the various vehicles and machines to at most 40 Km/h. In the same way, he shall ensure that all the temporary deviations are identified in collaboration with the resident population, and that they do not affect the sensitive zones.

#### **b) Bringing back the site to initial or original state (Restoration of the site) & withdrawal from the site**

At the end of the works, the site shall be restored to its initial or original state. In this regard, installations not necessary thereafter shall have to be taken off the site:

- The levelling of the site and in particular, the top soil in order to facilitate the infiltration of water, re-planting of grasses and trees as the case may be,
- Restoration of the natural flows,



- Removal of the dilapidated aspects of the site,
- Filling up (either through re-filling) of pits in order to avoid the erosion of the degraded soil,
- Restoration of the pit and recuperation of surface waters and conservation of the slope, etc.

The contractor shall remove all his materials & machines. He is not supposed to abandon any equipment nor materials on the site, or the surroundings, without prior consent of the controller. Restoration of the site includes all the deviations and contours (e.g. foot paths etc) set up during the works.

#### **Management of water Resources**

The contractor will have to avoid any conflict which can result from either the use of water resources or damage to the latter.

#### **Compensation for the damages caused to third parties**

It can happen that the company hurts an individual in a deliberate or accidental manner (destruction of plants, habitat, etc). If this wrong is not taken into account by the project owner, it shall be absorbed by the contractor to the satisfaction of the injured party. On the other hand, he shall issue a certificate of compensation to the beneficiary, to avoid any subsequent complaints.

#### **1.12.7 SITE SECURITY**

For the administration of the first medical care in case of any accident on the site, we will have a pharmacy box (first aid) on the site.

The site facilities that are compliant to norms of security will be distributed to workers (like helmets, gloves, boots etc) arrangements will be made to maintain good circulation at all time on the site. All underlying of materials will be kept in places that will help to prevent falling from a height while working. Two guards shall be employed to take guard of the site during and after work hours **THUS:**

-To sensitise works on the danger of electricity

- Two night watchmen shall be employed to take guard on the site after working hours.
- A day watch shall be employed to guard the site during working hours.
- Sign post shall also be prepared and mounted at entrances to indicate that work is underway. They shall contain information as indicated in the CCT.

We shall do everything possible to ensure that traffic is not obstructed by providing deviations and in places where this is inevitable; we will seek the opinion of the local Authorities for the traffic obstruction or a given period.

#### **1.12.8 SECURITY OF PERSONNEL AND SITE**

##### **PROTECTION OF PERSONNEL:**

Personnel on site shall be protected from accidents through;

- Vigorous respect of construction norms on the site
- The provision of Helmets
- The provision of steel cap shoes
- The provision of rain coats
- The provision of gloves for those doing concreting and metal works
- Keeping of underlying materials like off cuts in place
- Scaffoldings will be well fixed to avoid failing from a height.
- The provision standby vehicle shall be on site to evacuate workers to a nearby hospital in case of accident
- Provision of sign post to indicate that work is underway.
- Educating of workers about the dangers of HIV AIDS and means of prevention.

#### **1.12.9 SANITATION AT SITE**

Our enterprise will put and implement sanitation by improving cleanliness in and around the project site by observing the following.

1. Dig a pit toilet for the workers to be using when at work so that they will not be littering the site and making it uncomfortable for people as well as the neighbourhood.



2. To always have health educational talks with the workers and also teaching them from what they need to do in order to avoid cholera and other diseases.
  3. To connect a good potable water as for the workers to be drinking.
  4. To always keep the project site clean and free from standing water that can lead to mosquito bids
  5. Paste notices of warning to those dirtying the site.
- All the sanitary measure that this enterprise will do will be of great help to the workers.

## **TECHNICAL SPECIFICATIONS FOR GHS NKOR - NONI**

### **GENERALITIES :**

1. A detailed technical note concerning the organization of works
2. A detailed execution programme (planning) including the execution duration
3. Protection and security of existing structures

### **ORGANISATION AND MODE OF EXECUTION**

The works which is the subject of this call for tender has as objective, the construction of a Staff Quarters for Divisional Delegation of Economy, Planning and Regional Development for Bui Division.

Taking into consideration the nature of the terrain, we envisage to put in place an organization that will permit us to carry out our work in the best possible condition or way as regarded the cost, quality and output. The principal points of our organization will include among others, the following:

- Preliminary disposition
- Site Installations
- Organization and Methodology
- Internal control

In order to properly realize this project as regard quality and output, a perfect organization is required and this starts with preliminary dispositions and a good site installation. Also, working methods must respect certain logics so as to avoid disagreements. As such, we propose that work be organized as follows:

### **PRELIMINARY DISPOSITIONS**

After notifying the contract to our enterprise, the following actions will proceed:

- A site visit that will permit us again to verify the state of the site and to immediately proceed with the establishment of the detail work execution programme (projet d'exécution), in collaboration with the representatives of the technical service.
- Get in contact with the local population so as to recruit personnel available, for the realization of the project following the use of High Intensity of Local Manual Labour. (HIMO method).
- Contact the local population of unskilled labour such as site clearance.
- Making arrangements of where workers will be housed.
- Arranging an open area where equipments as well as materials will be parked (concrete mixer, trucks and others) see site installation and organization of works.
- Administrative procedures such as the signing and registering of the contract.

## **II- TECHNICAL APPROACH ENVISAGE FOR THE EXECUTION OF WORKS**

The subject is a question of presenting for each assignment to be carried out the technical approach, which will be implemented for the good execution of works. It consists in describing the procedure, which will make it possible for the structure to be realized without any hitches.

### **PRELIMINARY WORKS**

#### **A) Site Installation**

The installation of project is carried out once the Service Order to start work is notified. See site installation proper.

After identification of the site, clearing and leveling on the site is done and building of temporal hut for office and store is realized. Storage sections for materials such as sand and gravel will be well



arranged and shall be free from debris and shall be in a way that will not block the flow of surface water. Electricity, good drinking water and temporal toilet should be provided for the site. The signal board of building site shall be installed with references to the terms of Contract as indicated in the Tender document.

Night and day watch men shall be recruited by the Enterprise to ensure the safety of the materials and goods.

**B) Site Clearance**

The preparatory site clearance and the excavation works will be done by the people from around the project site and the neighboring villages under the supervision of our site foreman to guarantee the quality of works. In this way, work tools like machetes, shovels or spades, wheel barrows, pick axes etc... will be provided by our enterprise to the people chosen for this kind of works. The woks will be paid according to negotiated contractual amount accepted by those chosen. Our site foreman will also be in charge of the management of any arisen conflicts with the chosen people from the local population around the project site for the works. All waste material from the site shall be cleared off the site and spread in spoiled area chosen by the Control Engineer. Some material like lateritic soil may be kept for reused on the approval of the Control Engineer.

Our specialized technicians under the supervision of our site foreman will do all the other works through the different corps on the site. However, all labourers for all unskilled parts of the project will be recruited from the project area.

**C) Setting Out**

The lines of the structures indicated on the plan shall be set out accurately with the use of wooden pegs and equipment such as spirit level, tube level, tape, building rope, square etc for its realization. This task shall be carried out by specialized Technicians under strict supervision of the Site Foreman and shall be inspected and approved by the Control Engineer before any excavation work starts.

**D) Excavation**

Excavation shall be of the depth indicating the bearing values. That for footings (excavation) shall be carried below required depths as indicated in the soil analysis test and will be filled with reinforced concrete, and bottom of such shall be level. All structural excavation shall extend an appropriate distance from the walls and footing to allow for proper erection and dismantling of formworks. All excavation works shall be executed by specialized labourers with the use of pick axes, spades, shovels, wheelbarrows etc and shall be headed by a mason under the supervision of the Site Foreman. This task shall be inspected and approved by the Control Engineer before any pouring of lean concrete. The width and the depth of the trenches will be done according to contract norms.

**E) Backfilling**

The grounds used for the filling will come from spoil if they are good quality. With defect they will come from an approved quarry.

Before execution of the filling, the ground is pickled; removed from the turfs, stocks, ground flowing, clay etc. One envisages a heightening and one over width of approximately 10% in order to stage with the expansion of the grounds.

The compaction of the foundation shall be done by ramming in successive layers of 0,20 meters using a manual tamper with power-control. This is done after forms have been removed and concrete work hardens enough to resist pressure resulting from fill and in conformity with the prescriptions of the (CPT).

**F) Reinforced Concrete**

**F.1. Constituents of concrete**

**Aggregates**

All aggregates on the site shall be stocked in the compartments resaved for this purpose. The only aggregates to be allowed on the site in accordance with the technical specifications are:

- Crushed aggregates 0/5
- Crushed aggregate 5/15
- Crushed aggregate 15/25
- Natural sand or of crushing 0/5 (proportion of retained elements on the sum sieve must be lower than 10%).



### **Crushed Aggregates**

The crushed aggregate delivered on the site shall be submitted beforehand to the approval of the Control Mission. The origin of aggregates should be approved by the Control Mission or any other competent authorities. They shall come from quarries or of steady rock crushing, exempt of foreign bodies, of organic matter dust or clay.

**From a Granola metric view:** We should have:

For mass concreted minimum net size shall be 15mm and maximum 40mm: (15/40)

For the reinforced concrete minimum net size shall be 10mm and maximum: 25mm: (10/25)

Specification will be able to be modified above after we present the results on this topic. A granola metric curve will be produced for each of the materials retained on the site, following the frequencies indicated in the table.

### **Sand**

Sand will have characteristics as specified in the related reception table. Sand should be fine, granular and crunching under the hand, and none coagulating. They shall be rided of all earthy or chalky parts, of various garbage, remnants and woods.

They shall have passed through a sieve and been washed. Sand will come from approved sand pits or from rivers.

They shall contain not more than 5% in weight of dust.

- For mortar 0/2mm
- For reinforced concrete 9/5mm
- For concrete 0/5mm

Cleanliness: Sand must have a sand equivalent of more 75

### **Cement**

The cement will be the CPJ 35 Portland cement or foreign cement.

This shall be delivered on site in six layered sacks of 50kg each. All humid cement or having been distorted by the humidity shall be removed immediately from the site.

We shall inform the employer's representative of the constituents of our store. Bags of cement should be in good state at the time of their arrival on site and should be preserved and covered in perfectly dry places and on an area of isolated boards at least 10cm above level.

### **Steel Rods**

All amateurs or metallic lattices for reinforced concrete will be complaint to specifications of technical specifications and the BAEL91.

The bending will be done in cool weather and by hand. The used steel will be skimmed and except of calamine. Bars presenting some damaging shortcomings to their mechanical resistance, as sulphur, cracks won't be used.

Reinforcements shall be shaped in order to present lengths and shapes previewed by execution drawings.

The assembly of reinforcement shall be done at the site workshop, but never inside a formwork.

Distances of amateurs to partitions of framing will be 2.5cm for elevation concrete.

Distances of amateurs to partitions of framing will be 4cm for foundations concrete. Distance of amateurs to framing will be gotten with the help of holds in prefabricated concrete or plastic holds whose dimension will be adapted to the result to be gotten.

Holds in concrete will include iron wire for fixing the armatures. Ligatures and bars of installation will be in sufficient number to avoid any distortions and manipulations of the armatures assembly during casting of the concrete.

In case of doubt on the quality of steel supplied on the site, Control Mission shall be able to request for resistance tests on samples provided on site.



For armatures of floor girds: all dispositions will be taken to maintain bars in good position raised and close enough to supports. The use of sufficient number of traverse distributions will permit the avoidance of this possible defect.

Armatures presenting some non adhesive rust traces will be brushed energetically before setting up in frames. The shaped or non shaped armatures will be stocked on timbers and not on the floor. Armatures will be supplied in minimal length of 12meters.

## **Concretes**

### **Quality of the concrete**

Fifteen (15) days at the latest after the opening of the site, and before all execution, we shall submit to the LABOGENIE or any other laboratory recognized by the Control Mission. Detailed composition of all concretes and mortar that will be used on the site shall be approved.

All concretes to be used in foundations (blinding concrete, footings, tie beams etc) shall be executed with the cement CPJ35. All reinforced concrete should satisfy imperatively the resistance conditions requested.

These include the following:

Characteristic of compression resistance after 28 days = 270 bars

Resistance to traction after 28 days = 22 bars

In case these values are not gotten due to delay constraints, we shall produce a justifying calculation for the security of the aspect concerned in conformity with BAEI 91.

### **Manufacture of concrete**

The confection of the concrete will be done by a concrete mixer or manually in case of mixer failure. The mixed concrete must be homogeneous and must present aggregate's perfectly coated in binder. The mixing duration should be sufficient to get the desired result as soon as this is gotten, the mixture should not be prolonged.

We won't manufacture and won't use liquid concrete, considering the reduction of resistance associated by the surplus of water. The placing of dry concrete will be facilitated by the use of a vibrator.

A sample of concrete gotten directly in a mixture should be able to form a regular ball, after fast alternative movements in the hollow of the hand and to fall off easily without messing it up. Abram cone test shall be done on demand by the employer's representative. The relation between water and concrete shall be determined according to the humidity of aggregates.

### **Execution of concretes**

Concrete will be manufactured and executed according to use, therefore stockage containers requiring addition of water at the time of the use shall be strictly forbidden. Concrete will always be vibrated carefully with vibrators.

Knots of reinforcement shall be arranged in order to permit a good setting up of the concrete on all height of the work considered. We shall take all necessary measures to assure wedging and correct fixing of reinforcements in order to avoid their displacement during casting.

Concrete shall be conveyed from a mixer or mixing slab by the use wheel barrows, plastic buckets and pulleys to the formwork as rapid as possible to avoid setting and loss of ingredients.

As such, there shall be no vertical drop above 2m to avoid segregation. This concrete shall be consolidated with the aid of a mechanical vibrator or manual.

The removal of frame works shall be done when the concrete will have acquired a sufficient resistance.

### **Suitability Test**

A concrete sample for the workshop shall be executed on the site before the starting of work. This concrete witness is considered as a team on the site, working on specific fixed or displaceable. The minimal number of test-tubes submitted for test shall be nine.

The effective manufacture of the concrete for the construction shall begin, after the project Engineer approval if the nominal resistance to traction and the compression at 7 days, equal to 75% of the minimal



resistance required after 28 days. The character resistance to compression after 28 days should be at least equal to 270 bars. On the contrary we shall immediately restart the test with a new composition.

## **F.2. Formwork**

Formwork shall be used to confine the concrete and shape it to the required lines. They shall have sufficient strength to resist the pressure resulting from placement and vibration of concrete and shall be maintained rigidly in position by the use of cramps. They shall be made out of softwood which must be free from dead knots and in such a way that will be removed without any damage. This shall be the works of a carpentry team.

### **G) Masonry Works**

Masonry works shall include the following:

- **Foundation Walls:** Foundation walls shall be carried out in filled blocks of 20x20x40cm and shall have a foundation beam in reinforced concrete closed at 350kg/m<sup>3</sup> to prevent sharing.
- **Floor:** As indicated in the technical specifications, the floors shall be executed on ordinary concrete batched at 250g/m<sup>3</sup> with a thickness of 12cm. The floor shall receive a screed of 3cm finished with cement paste.
- **Wall Masonry (Elevation):** Load bearing walls shall be mounted in compressed cement blocks of 15x20x40cm of PC300kg (at most 33blocks per bag of cement). Mortar bed as well as joints shall be 2cm thick. Some Interior partitions shall be of blocks of 10x20x40cm of PC300kg/m<sup>3</sup> (at most 40 blocks per bag) mortar bed as well as joints shall be 2cm thick.
- **Plastering:** Cement mortar mix in proportion will be used to plaster all rejoined areas where masonry work has been done, then thinly floated and the use of a sponge will be recommended to remove any unevenness. The thickness of plaster shall be 2.5cm. This shall be done in three phases e.g. 1<sup>st</sup> 2<sup>nd</sup> and 3<sup>rd</sup> coats of 1cm, 1cm and 0,5cm thick respectively only on block work that has been completed for at least two weeks. The walls of the septic tank shall be finished with a cement paste after normal plastering with additive like sikatelite. This entire works shall be executed by a team of masons headed by a team head under the supervision of the Site Foreman and in conformity to specifications.

### **H) Framework and Roofing**

Roofing timber shall be well seasoned eucalyptus with moisture content of not more than 14% and free from imperfections impairing its strength or appearance. The approved wood shall be treated with anti-fungi or kukbok liquid. The assembling of the sawn timber of 2x6inches for the rafters shall be done on the spot to avoid carrying from the ground. They shall be spaced at intervals of 1.50m and solidly attached to the building using Ø6mm rods fixed on the final beam. Purlins of 2x3inches will be nailed to the rafters at an interval of 0.6m to receive 5/10° aluminum tôle-bac sheets of 6m long which shall be fixed on purling using sheet screws equipped with gaskets and bituminous rubbers. Ceiling shall comprise of 2x2inches timber for noggins and cover with 5mm tick red ceiling boards with air vents covered with screen on the outside ceiling. Note: The roof trust shall only be laid on a completely cured final beam.

### **I) Wood and Metal Works**

All window sashes shall be made out of well-seasoned wood as described above, flush as well as panel types and hung in position with the use of hinges. Other wood works shall be of well-seasoned durable materials as specified in the CPT. The quality of metal to be used for window protectors shall be of good quality and good density as well as shall ensure that all dimensions and properties indicated in the technical specifications are represented. We shall also ensure that during fixation of the elements, they are impermeable to both water and air by protecting with an external anti-rust coating.

### **J) Electricity**

The works shall be in accordance with plans and diagrams, and according to technical specifications. These include the supply fitting of:

- All electric equipment, switches, electric plugs, buttons.
- All main and secondary electric pipelines, girdles – path of cable, sons and cables
- All the material for lighting, lights and portholes
- Switchboards of distribution and adjustment boxes



- All the material for telephone and the weak currents.
- All the material of air-conditioning

Immediately after the trenches for foundation and footing are completed, the earth wires and earth rods shall be put in place before closure of the foundation trench.

### **Main Conduit Pipes**

The main conduit pipes shall be according to the technical specification as follows

- 16mm/100m
- 13mm/100m
- 11mm/100m

### **CABLES AND CABLING**

The terminal conduit pipes (or secondary) will be in cable or wires, passed through conduit pipes in the ceiling and also through conduits pipes in decking. For these supply conduits, the minimal sections are:

- 4x29mm<sup>2</sup>
- 4x16mm<sup>2</sup>
- 4x4mm<sup>2</sup>
- 3x25mm<sup>2</sup>
- 3x25mm<sup>2</sup>
- 1.5mm<sup>2</sup> for light
- 2.5mm<sup>2</sup> for electric plugs
- 4mm<sup>2</sup> for electric plugs for strong current
- 6mm<sup>2</sup> for devices of which the absorbable power is greater than or equal to 7kw.

We shall also supply and install all electrical work as specified in the technical specifications of this contract and user manual.

### **QUANTITY OF THE MATERIAL**

All electric equipment shall be tropically approved types. Switches and sockets shall be the ordinary "Legrand" type, calibrated to 10A. They will be isolated in humid areas. Electric plugs will be the normalized type, calibrated 10-16A or 20-32A with two earth poles (2 P+TS). They will be isolated with lid in the humid areas. All these devices will be embedded in plastic junction boxes with screwed lids.

### **NEUTRAL SYSTEM**

The chosen system is the earth system where the neutral is joined directly to the earth.

Earth rods shall be interconnected and relayed at a point to the earth. They shall be put by a conductor distinct from the neutral conductor.

### **EARTHING**

The following shall be earthed:

- Junction and switch boards (including their doors)
- Devices and machines as well as other electric appliances
- All metallic rods susceptible shall be put under tension according to norms C 15-100.

### **PROTECTION EARTH NETWORK UNDER EXCAVATION**

- Realization of an earth network under the excavation comprising:
- Naked copper wires of 29mm<sup>2</sup> along the excavation
- Flat type Legrand circuit breakers
- Yellow-green conductors 18,22,75mm<sup>2</sup>

### **BALANCE OF POWER**

The balance of facilities power will be calculated below in application of data of the picture:

Description Coefficient

Lighting = 1

Electric sockets = (500GO) 0.1+0.9/N\*



Electric switchboard = 0.7

\*N=number of electric sockets

## **ELECTRIC SWITCH BOARD**

The building shall be endowed of a main switchboard connected to the source of supply.

- Junction boxes with doors in altiglance and lock
- Circuit breakers
- Modular circuit breakers
- Installation and adjusting accessories

## **LIGHTING**

### **GENERALITIES**

All references shall be "identical or equivalent". The lighting of the area shall be by luminous point, simple ignition, ordinary switch, and two-way switches or double ignition.

### **LIGHTS**

Florescent lamps shall be 4ft complete.

Round water light point Hublot + holders

## **EQUIPMENT**

### **GENERALITIES**

All electrical equipment shall be cast into walls with screws. The LEGRAND mark is proposed, in conformity with the technical specifications.

In case of necessity, we may propose other equivalent marks of electrical equipment to the Control Mission for approval before installation.

### **SWITCHES**

The axis of switches will be placed at 1.10m from floor level and 0.15ms from doors, on the side opposed to the opening or door. (See plan). Every switch will be put so that the ignition is gotten by the lower position of the mechanism.

### **SIMPLE IGNITIONS SWITCH**

Simple ignition switch –LEGRAND

### **TWO WAY SWITCH**

Two way switch – LEGRAND

### **DOUBLE IGNTION SWITCH**

Double ignition switch – LEGRAND

### **HOLDS OF CURRENT**

Holds will be placed in general to 0.30ms soil. In the operative blocks they will be installed to 1.10m of soil (except contrary precision)

### **SOCKETS**

Electric sockets 2P+Earth, 16A, 250v – LEGRAND

All these works shall be done in accordance to all the requirements of the latest issues of Cameroon Electrical Codes, with rules and regulations and ordinances of the local enforcing authorities and requirements of ENEO.

## **K) PLUMBING AND TILING**

### **WATER SUPPLY**

#### **GENERALITIES**

All water supplies to the building shall be from CDE water supply system. As such, all necessary works shall be made as seen below:



## **PIPING**

We shall supply and install strong pressure pipes, including the main supply, joining accessories like adjustable braces or equivalent system, sheaths for crossings of masonries either pavement, and fillers will be glued.

- Diameter 25
- Complete braces for diam. 20/25
- Branching for diam. 20/25
- Washing and watering socket

## **SECONDARY DISTRIBUTION NETWORK**

Terminal distribution in water closets

- Diameter 16x18
- Diameter 14x16
- Diameter 12x14
- Security tap

Security taps in copper, bronze, or type similar with a diameter according to pipeline, permitting to isolate every water closet.

- Diameter 15/25 pressure
- Diameter 20/25 pressure

## **EVACUATION NETWORK**

All pipes in the evacuation network shall be PVC installed with strict respect of the architectural plans that aims to guarantee the greatest ease of intervention for maintenance.

The dimensions to be used shall be the following:

- Diameter 40
- Diameter 63
- Diameter 100
- Diameter 125

Including elbows joints, T-joints, stop corks and other accessories as well as the execution of pipelines and the protection of pipes according to the technical specifications.

## **SANITARY DEVICES**

### **GENERALITIES EQUIPMENTS**

All taps to be installed shall be chosen in accordance with technical specifications with a view to minimize loss in hydraulic pressure.

### **WASH HAND BASIN**

We shall install complete English type wash hand basin. Marks and / or manufacturer determined by the Employer's representative after we shall submit a list of proposals.

### **ENGLISH URINARY**

We shall install complete English type urinary. Marks and /or manufacturers determined by the project engineer after we shall submit a list of proposals.

### **TOWEL HOLDER**

- Chromium-plated stationary wall rod
- Accessories for fitting into wall

### **TOILET ROLL HOLDER**

- For toilet roll chromium-plated, strong mode
- Accessories for fitting into wall

### **TOILET MIRROR**

Together with accessories for fitting



## **TILES INSTALLATION**

Scratch coat for application as foundation coat shall be at most  $\frac{1}{2}$ . When still plastic, deeply score scratch coat or scratch and cross scratch. Protect scratch coat and keep reasonably moist within seasoning period. Set scratch coat shall be cured for at least 2 days before starting tile setting. Tiles to be used shall be the following, mosaic tiles for toilet floors, ceramic tiles for 15x15cm for toilet walls and 30x30cm for floors. The tilling team shall be responsible for this task under the following of the Site Foreman.

### **L) VRD GUTTERS**

They shall be constructed out of reinforced concrete and according to the size that will permit the evacuation of flow towards the natural outlet. The slope of these gutters shall be determined at site and should be as practicable to the natural slope of the site.

## **GENERAL SITE CLEANING AND FOLDING-UP**

After the execution of the above mentioned task, we shall proceed with the complete cleaning of the site and notably the removal of all debris and bringing the site back to its normal stage as much as possible and the removal of our equipment and tools before reception is done.

The project duration is two months separated into two phases of one month duration each.

The deadline of phase one of the work will be done in **365days** with effective **05days** of working week. The first phase shall start from the first of April 2025 to March 2026, while the Second phase shall immediately start from the April 2026. This time limit is estimated to avoid the peak of very heavy rains of the month of august as per the rainfall intensity figure above.

The work schedule program below is a strategic planning to achieve targets on deadlines.



**Document N°. 6**  
**SCHEDULE OF UNIT PRICES**



# UNIT PRICE LIST FOR THE PROJECT

UNIT PRICE SCHEDULE FOR THE CONSTRUCTION OF A SCIENCE LABORATORY IN GHS BABUNGO IN NGOKETUNJIA DIVISION					
Art. N°	DESCRIPTION	UNITS	QTY	UP IN FIGURES	U.P IN WORDS
LOT I: PREPARATORY WORK					
1.1	site clearance	Fft	1		
1.2	site installation	Fft	1		
1.3	Implantation of structure	Fft	1		
1.4	first aid box	Fft	1		
			SUB-TOTAL I		
LOT II: FOUNDATIONS					
2.1	excavation of trenches	m³	30.00		
2.2	founda tion footing trenches	m³	25.00		
2.3	filling and compation of earth	m³	150.00		
2.4	polytherine sheet (200x70000)	m2	150.00		
	Plumblng works				
2.5	supply and fitting of evacuation pipe pvc 63 waste water	ml	6.00		
2.6	supply and fitting of evacuation pipe pvc 100 waste water	ml	6.00		
2.7	supply and fitting of evacuation pipe pvc 110for waste water	ml	6.00		
	Electricity works				
2.8	supply and fitting of earth cable	u	1.00		
2.9	supply and fitting of cable black in pipe 29mm2 (12 meters)	roll	2.00		
2.1	Morpions	u	2.00		
2.11	bornier phereil 10mm2	u	2.00		
2.12	bornier phereil 70mm2	u	2.00		
2.13	cramps	u	15.00		
	Masonry Works				
2.14	lean concrete (t=5cm) dose at 150 kg / m3	m³	2.90		
2.15	isolated footing dose at 350 kg/m3	m³	5		
2.17	dense block 20x20x40 filled	m²	120.00		
2.18	pillar sturmps of 20 x 40 of BA dose at 350 kg / m3	m³	3.87		
2.19	ground beam 20x20 dose at 350 kg/m3	m³	6.36		
	ramp	m3	1		
	Septic tank				
2.22	excavation of septic tank pit	m³	50.00		
2.23	masonry stone in sockerway pit	m³	10.65		
2.24	concreting on the soil of tank 10cm of Rc dose at 300 kg/m3	m³	5.13		
2.25	blocks of 15 x 20 x 40 filled with concrete	m²	30		
2.26	pillars of 20 x 20 dose at 350 kg/m3	m³	6.8		
2.27	chaining beam of 30x30 dose at 350kg/m3	m³	4.6		
2.28	plastering 1.5 cm thickness	m²	70.5		
2.29	solid slab, 10 cm Rc dose at 350 kg/m3	m³	4		
	Cleaning of project				
2.3	Evacuation of shrubs	Fft	1		
2.31	Evacuation of soil	Fft	1		
			SUB-TOTAL II		
'LOT III ELEVATION OF GROUND FLOOR					
3.1	hollow blocks of 15x20x40 for walls	m²	480.00		
3.2	pillars of 20x40 dose at 350 kg/m3	m³	7.60		
3.3	lintels of 15x20 dose at 350 kg/m3	m³	3.50		
3.5	plastering of walls 1,5 cm thickness	m²	960.00		
	ramp	m3	3.70		
3.7	beams of 15 x 45 dose at 350kg/m3	m³	7.60		



	Electricity works				
3.8	supply and fitting of round cups	u	100.00		
3.9	supply and fitting of junction box 160x160	u	14.00		
3.1	supply and fitting of junction box 100x100	u	5.00		
3.11	supply and fitting of modular cabinet 12	u	13.00		
3.12	duct roller annulated 1 CD 16 (100m)	Rix	8.00		
3.13	duct roller annulated 1 CD 20 (100m)	Rix	6.00		
3.14	duct roller annulated 1 CD 25 (100m)	Rix	4.00		
3.15	duct roller annulated 1CD 40 (100m)	Rix	2.00		
	Cleaning of project				
3.16	cleaning of site	Fft	1.00		
			SUB-TOTAL V		
LOT IV ROOF TRUSS AND COVERAGE					
4.1	roof truss of tropical wood/ accessories	m³	9.00		
2	roofing sheet ( TOLE BAC)	m²	250.00		
	Plumblng works				
3	supply and fitting of pipe to collect water	u	17.00		
4	supply and fitting of pipe to decent water 110 pour EP	ml	40.00		
			SUB-TOTAL VIII		
LOT V SOCIAL ENVIRONMENTAL SAFE GAUARD MEASURES.					
5.1	Green space (carpet grass)	m²	40.00		
2	Planting of shaded trees	no	20.00		
3	Provision for plastic Trash cans	no	2.00		
4	Metallic information signboard and labelling	no	1.00		
5	Sensitization of the beneficiary population on HIV/gender base violence	no	1.00		
6	Metallic funders information plate (20x45)cm	no	1.00		
	Earth movement				
7	excavation of gutters and execution of rc gulter dose at 350kg/m3	m³	30.00		
8	filling and compation of earth	m²	40.00		
			SUB TOTAL		
CEILING WORKS					
9	supply and fitting of framework of ceiling	m³	5.00		
10	ceilling boards	m²	150.00		
			SUB-TOTAL X		
LOT VI WOOD WORK					
6.1	complete door in wood	m²	25.00		
2	cover joints	ml	10.00		
			SUB-TOTAL XI		
LOT VII METALIC WORK					
7.1	ChassisNaco for window	m²	20		
2	metalic protector window	m²	35.00		
			SUB-TOTAL XII		
LOT VIII TILLING					
8.1	tiles of 4x 4 for the floors of toilet	m²	5		
2	tilles on the walls of toilet	m²	11		
			SUB-TOTAL XIII		
LOT IX PLUMBING					
9.1	supply and fitting of WC english	u	2		
2	supply and fitting of wash basin to spinal column	u	2		
3	look hole for visiting	u	2		
4	supply and fitting sluice gate ø 20/27	u	2		
5	supply and the fitting of toilet tissue hanger	u	2		
6	supply and fitting bath towel hanger	u	2		
7	supply and fitting of soap hanger	u	2		
8	supply and fitting of mirror in toilet	u	2		



			SUB-TOTAL XIV		
LOT X ELECTRICITY AND LIGHTENING SECURITY					
10.1	supply and fitting of conductor rolls of TH 1.5 mm²	U	15		
2	supply and fitting of conductor rolls of TH2.5 mm²	U	15		
3	supply and fitting of conductor rolls of TH4.5 mm²	U	10		
4	supply and fitting of conductor rolls TH 6.5 mm²	U	7		
5	supply and fitting of various rolls insulator HO7 R-U 6 mm² V/J	U	15		
6	supply and fitting of various rolls insulator HO7 R-U 2,5 mm² RED	U	13		
7	supply and fitting of various rolls insulator HO7 R-U 2,5 mm² BLEU	U	12		
8	supply and fitting of various rolls insulator HO7 R-U 2,5 mm² Black	U	2		
9	supply and fitting of various rolls insulator HO7 R-U 1,5 mm² V/J	U	2		
10	supply and fitting of brass cable for nak 39 mm²	U	2		
11	supply and fitting of flixable copper câble black	U	2		
12	supply and fitting of TV câbledix pairs	u	2		
13	supply and fitting of circuit breaker 3 phsae with lookout	u	2		
14	supply and fitting of circuit breaker fuse box 10 A	u	2		
14	supply and fitting of circuit breaker fuse box 20 A	u	2		
15	supply and fitting of circuit break fuse box 32 A	u	2		
16	supply and fitting of switch / socket cups	u	40		
17	supply and fitting of junction box 160 x 160	u	6		
16	suplly and fitting of junction box 100x100	u	3		
18	fuse box 12	u	1		
19	network cable pipe I C D Ø 9	U	2		
20	network pipe I C D Ø 11	U	1		
21	network pipes for I C D Ø 13	U	1		
22	ventilation vent 250V-10A	u	2		
23	complete bobs lamps of 1,20 40w	u	20		
24	sanitory installation	u	21		
25	connector 20 A	u	25		
25	connector 25 A	u	25		
26	connector 32 A	u	25		
27	lightening conductor	u	1		
28	Mat conductor	u	20		
28	cramps	u	20		
29	intermediate switch	u	18		
30	Timer switch	u	25		
31	pressing botton on and off	u	50		
32	switch S V V 240v 10A build in	u	20		
33	switch S A 240v 10 A build in	u	110		
34	switch D A 250 v 10a A build in	u	10		
25	watertightness out 2P+T build in	u	40		
36	out let 2P+T buid in	u	40		
			SUB-TOTAL XV		
LOT XI PAINTING					
11.1	impregantion layer	m²	960.00		
2	external painting	m²	480		
3	internal painting	m²	480		
4	varnish for door and window opening	m²	20.00		
			SUB-TOTAL XVI		



**UNIT PRICE SCHEDULE FOR THE CONSTRUCTION OF A LABORATORY AT GHS  
NKOR - NONI IN BUI DIVISION OF THE NORTH WEST REGION OF CAMEROON  
2025 FINANCIAL YEAR.**

ITEM	DESCRIPTION	U	QTY	U. P IN FIGURES	U.P. IN WORDS
<b>100: PRELIMINARY WORKS</b>					
101	Installation of work site	FF	1		
102	Studies (execution planning, report of execution etc)	FF	1		
103	Site clearance	FF	1		
<b>SUB TOTAL 100</b>					
<b>200: EARTHWORKS</b>					
201	Digging of trenches and pillars footing	M <sup>3</sup>	65.5		
<b>SUB TOTAL 200</b>					
<b>300: FOUNDATION</b>					
301	Blinding concrete of 5cm thick	M <sup>3</sup>	4.63		
302	Foundation wall in blocks of 20x20x40cm (corefilled)	M <sup>2</sup>	110		
303	R.C for footings, pillars and ground beam	M <sup>3</sup>	12.4		
304	Backfill of foudation trenches	M <sup>3</sup>	26.35		
<b>SUB TOTAL 300</b>					
<b>400: WALL MASONARY</b>					
401	Wall elevation with blocks of 15x20x40cm	M <sup>2</sup>	310		
402	Rendering and plastering to all walls dosed at 200kg/m2	M <sup>2</sup>	620		
403	Concrete floor of 8cm thick	M <sup>3</sup>	24.54		
404	R.C for lintel, pillars and tie beam	M <sup>3</sup>	11.23		
<b>SUB TOTAL 400</b>					
<b>500: METALLIC/WOOD WORKS</b>					
501	Metal door of (1.30x2.20) in hard wood with frame and a 3 key outlet lock	No	3		
502	Wocden door of (80x2.20) in hard wood with frame and a 3 key outlet lock	No	3		
503	Wooden door of (70x2.20) in hard wood with frame and a 3 key outlet lock	No	2		
505	Metal door of (80x2.20) in hard wood with frame and a 3 key outlet lock	No	1		
506	Provision of angle bar on edges of veranda	ML	50		
507	Aluminum glazed window of 150x120 with frame and protectors	NO	8		
508	Aluminum glazed window of 80x60 with frame and protectors	NO	2		
<b>SUB TOTAL 500</b>					
<b>600: ELECTRICAL INSTALLATIONS</b>					
601	General electrification	LS	1		
<b>SUB TOTAL 600</b>					
<b>700: ROOF/CEILING WORKS</b>					
701	Treated roof trusses of (5x15)cm hard wood	M <sup>3</sup>	3.0677		
702	Purlins of (5x8)cm treated	M <sup>3</sup>	3.2481		
703	Rigid covers and gutters	ML	46.62		



704	Roofing sheet Tol Bac 5/10	M <sup>2</sup>	180.45		
705	Facia board of 35cm wide plained and treated	ML	55.7		
706	Facia zink Tol bac 5/10	ML	55.7		
707	Roof drainage pipes with accessories	NO	1		
708	Plywood ceiling including noggings	M <sup>2</sup>	156.92		
	<b>SUB TOTAL 700</b>				
	<b>800: PAINTING/TILLING</b>				
801	Priming coat in ordinary paint (national paint)	M <sup>2</sup>	720		
802	Two coats of water based paint (pantex 800) on internal walls/ceiling	M <sup>2</sup>	470		
803	Two coats of water resistant paint (pantex 1300) on external walls	M <sup>2</sup>	150		
804	Oil paint on metallic doors, protectors and skirting (coffee brown, 1m from floor level internally and externally	LS	1		
805	Tiles on all floors/toilet (h=1.80) and kitchen SINKS & tables	m2	176.92		
	<b>SUB TOTAL 800</b>				
	<b>900: SANITATION WORKS</b>				
901	Septic tank soak-away pit with chambers	M <sup>2</sup>	1		
902	Towel hanger + accessories	No	3		
903	Soup top + accessories	No	3		
904	Wash hand basin + accessories	No	3		
905	English mark WC + accessories	No	3		
906	RC drainage gutters	MI	24		
907	toilet mirror + accessories	No	3		
908	Worktop and kitchen sink + accessories	No	6		
	<b>SUB TOTAL 900</b>				
	<b>1000: HYGIENE AND ENVIRONMENTAL PROTECTION</b>				
1001	Environmental IMPACT NOTICE (under the supervision of DD Environment BUI) The price include: consultancy for elaboration and production of terms of reference, production of EIN, implementation of the recommendations from the report. A lump sum cost	No	1		
	<b>SUB TOTAL 1000</b>				



**Document N°. 7**  
**BILL OF QUANTITIES AND ESTIMATES**

BILL OF QUANTITIES AND ESTIMATES FOR THE CONSTRUCTION OF A SCIENCE LABORATORY IN GHS BANBUNGO IN NGOKETUNJIA DIVISION.					
Art. N°	DESCRIPTION	UNITS	QTY	UP	AMOUNT
LOT I: PREPARATORY WORK					
1.1	site clearance	Fft	1		
1.2	site installation	Fft	1		
1.3	Implantation of structure	Fft	1		
1.4	first aid box	Fft	1		
			SUB-TOTAL I		
LOT II: FOUNDATIONS					
2.1	excavation of trenches	m³	30.00		
2.2	founda tion footing trenches	m³	25.00		
2.3	filling and compation of earth	m³	150.00		
2.4	polytherine sheet (200x70000)	m2	150.00		
	Plumblng works				
2.5	supply and fitting of evacuation pipe pvc 63 waste water	ml	6.00		
2.6	supply and fitting of evacuation pipe pvc 100 waste water	ml	6.00		
2.7	supply and fitting of evacuation pipe pvc 110for waste water	ml	6.00		
	Electricity works				
2.8	supply and fitting of earth cable	u	1.00		
2.9	supply and fitting of cable black in pipe 29mm2 (12 meters)	roll	2.00		
2.1	Morpions	u	2.00		
2.11	bornier phereil 10mm2	u	2.00		
2.12	bornier phereil 70mm2	u	2.00		
2.13	cramps	u	15.00		
	Masonry Works				
2.14	lean concrete (t=5cm) dose at 150 kg / m3	m³	2.90		
2.15	isolated footing dose at 350 kg/m3	m³	5		
2.17	dense block 20x20x40 filled	m²	120.00		
2.18	pillar sturmps of 20 x 40 of BA dose at 350 kg / m3	m³	3.87		
2.19	ground beam 20x20 dose at 350 kg/m3	m³	6.36		
	ramp	m3	1		
	Septic tank				
2.22	excavation of septic tank pit	m³	50.00		
2.23	masonry stone in sockerway pit	m³	10.65		
2.24	concreting on the soil of tank 10cm of Rc dose at 300 kg/m3	m³	5.13		
2.25	blocks of 15 x 20 x 40 filled with concrete	m²	30		
2.26	pillars of 20 x 20 dose at 350 kg/m3	m³	6.8		
2.27	chaining beam of 30x30 dose at 350kg/m3	m³	4.6		
2.28	plastering 1,5 cm thickness	m²	70.5		
2.29	solid slab, 10 cm Rc dose at 350 kg/m3	m³	4		
	Cleaning of project				
2.3	Evacuation of shrubs	Fft	1		
2.31	Evacuation of soil	Fft	1		
			SUB-TOTAL II		
'LOT III ELEVATION OF GROUND FLOOR					
3.1	hollow blocks of 15x20x40 for walls	m²	480.00		
3.2	pillars of 20x40 dose at 350 kg/m3	m³	7.60		
3.3	lintels of 15x20 dose at 350 kg/m3	m³	3.50		
3.5	plastering of walls 1,5 cm thickness	m²	960.00		
	ramp	m3	3.70		
3.7	beams of 15 x 45 dose at 350kg/m3	m³	7.60		
	Electricity works				
3.8	supply and fitting of round cups	u	100.00		
3.9	supply and fitting of junction box 160x160	u	14.00		



3.1	supply and fitting of junction box 100x100	u	5.00		
3.11	supply and fitting of modular cabinet 12	u	13.00		
3.12	duct roller annulated 1 CD 16 (100m)	Rix	8.00		
3.13	duct roller annulated 1 CD 20 (100m)	Rix	6.00		
3.14	duct roller annulated 1 CD 25 (100m)	Rix	4.00		
3.15	duct roller annulated 1CD 40 (100m)	Rix	2.00		
	<b>Cleaning of project</b>				
3.16	cleaning of site	Fft	1.00		
			<b>SUB-TOTAL V</b>		
	<b>LOT IV ROOF TRUSS AND COVERAGE</b>				
4.1	roof truss of tropical wood/ accessories	m <sup>3</sup>	9.00		
2	roofing sheet ( TOLE BAC)	m <sup>2</sup>	250.00		
	<b>Plumblng works</b>				
3	supply and fitting of pipe to collect water	u	17.00		
4	supply and fitting of pipe to decent water 110 pour EP	ml	40.00		
			<b>SUB-TOTAL VIII</b>		
	<b>LOT V SOCIAL ENVIRONMENTAL SAFE GAUARD MEASURES.</b>				
5.1	Green space (carpet grass)	m <sup>2</sup>	40.00		
2	Planting of shaded trees	no	20.00		
3	Provision for plastic Trash cans	no	2.00		
4	Metallic information signboard and labelling	no	1.00		
5	Sensitization of the beneficiary population on HIV/gender base violence	no	1.00		
6	Metallic funders information plate (20x45)cm	no	1.00		
	<b>Earth movement</b>				
7	excavation of gutters and execution of rc gutter dose at 350kg/m3	m <sup>3</sup>	30.00		
8	filling and compation of earth	m <sup>2</sup>	40.00		
			<b>SUB TOTAL</b>		
	<b>CEILING WORKS</b>				
9	supply and fitting of framework of ceiling	m <sup>3</sup>	5.00		
10	ceilling boards	m <sup>2</sup>	150.00		
			<b>SUB-TOTAL X</b>		
	<b>LOT VI WOOD WORK</b>				
6.1	complete door in wood	m <sup>2</sup>	25.00		
2	cover joints	ml	10.00		
			<b>SUB-TOTAL XI</b>		
	<b>LOT VII METALIC WORK</b>				
7.1	ChassisNaco for window	m <sup>2</sup>	20		
2	metallic protector window	m <sup>2</sup>	35.00		
			<b>SUB-TOTAL XII</b>		
	<b>LOT VIII TILLING</b>				
8.1	tiles of 4x4 for the floors of toilet	m <sup>2</sup>	5		
2	tilles on the walls of toilet	m <sup>2</sup>	11		
			<b>SUB-TOTAL XIII</b>		
	<b>LOT IX PLUMBING</b>				
9.1	supply and fitting of WC english	u	2		
2	supply and fitting of wash basin to spinal column	u	2		
3	look hole for visiting	u	2		
4	supply and fitting sluice gate o 20/27	u	2		
5	supply and the fitting of toilet tissue hanger	u	2		
6	supply and fitting bath towel hanger	u	2		
7	supply and fitting of soap hanger	u	2		
8	supply and fitting of mirror in toilet	u	2		
			<b>SUB-TOTAL XIV</b>		
	<b>LOT X ELECTRICITY AND LIGHTENING SECURITY</b>				
10.1	supply and fitting of conductor rolls of TH 1.5 mm <sup>2</sup>	U	15		



2	supply and fitting of conductor rolls of TH2.5 mm²	U	15		
3	supply and fitting of conductor rolls of TH4.5 mm²	U	10		
4	supply and fitting of conductor rolls TH 6.5 mm²	U	7		
5	supply and fitting of various rolls insulator HO7 R-U 6 mm² V/J	U	15		
6	supply and fitting of various rolls insulator HO7 R-U 2,5 mm² RED	U	13		
7	supply and fitting of various rolls insulator HO7 R-U 2,5 mm² BLEU	U	12		
8	supply and fitting of various rolls insulator HO7 R-U 2,5 mm² Black	U	2		
9	supply and fitting of various rolls insulator HO7 R-U 1,5 mm² V/J	U	2		
10	supply and fitting of brass cable for nak 39 mm²	U	2		
11	supply and fitting of flexible copper cable black	U	2		
12	supply and fitting of TV cabledix pairs	u	2		
13	supply and fitting of circuit breaker 3 phsae with lookout	u	2		
14	supply and fitting of circuit breaker fuse box 10 A	u	2		
14	supply and fitting of circuit breaker fuse box 20 A	u	2		
15	supply and fitting of circuit break fuse box 32 A	u	2		
16	supply and fitting of switch / socket cups	u	40		
17	supply and fitting of junction box 160 x 160	u	6		
16	supply and fitting of junction box 100x100	u	3		
18	fuse box 12	u	1		
19	network cable pipe I C D Ø 9	U	2		
20	network pipe I C D Ø 11	U	1		
21	network pipes for I C D Ø 13	U	1		
22	ventilation vent 250V-10A	u	2		
23	complete bobs lamps of 1,20 40w	u	20		
24	sanitary installation	u	21		
25	connector 20 A	u	25		
25	connector 25 A	u	25		
26	connector 32 A	u	25		
27	lightening conductor	u	1		
28	Mat conductor	u	20		
28	cramps	u	20		
29	intermediate switch	u	18		
30	Timer switch	u	25		
31	pressing botton on and off	u	50		
32	switch S V V 240v 10A build in	u	20		
33	switch S A 240v 10 A build in	u	110		
34	switch D A 250 v 10a A build in	u	10		
25	watertightness out 2P+T build in	u	40		
36	out let 2P+T buid in	u	40		
			SUB-TOTAL XV		
LOT XI PAINTING					
11.1	impregantion layer	m²	960.00		
2	external painting	m²	480		
3	internal painting	m²	480		
4	varnish for door and window opening	m²	20.00		
			SUB-TOTAL XVI		
	GRANT TOTAL				
	VAT (19.25% )				
	AMOUNT TTC				
	AIR (2.2% )				
	NET PAYABLE				



**BILL OF QUANTITIES AND COST ESTIMATES FOR THE CONSTRUCTION OF A  
LABORATORY AT GHS NKOR - NONI IN BUI DIVISION OF THE NORTH WEST  
REGION OF CAMEROON 2025 FINANCIAL YEAR.**

ITEM	DESCRIPTION	U	QTY	U. PRICE	AMOUNT
<b>100: PRELIMINARY WORKS</b>					
101	Installation of work site	FF	1		
102	Studies (execution planning, report of execution etc)	FF	1		
103	Site clearance	FF	1		
<b>SUB TOTAL 100</b>					
<b>200: EARTHWORKS</b>					
201	Digging of trenches and pillars footing	M <sup>3</sup>	65.5		
<b>SUB TOTAL 200</b>					
<b>300: FOUNDATION</b>					
301	Blinding concrete of 5cm thick	M <sup>3</sup>	4.63		
302	Foundation wall in blocks of 20x20x40cm (corefilled)	M <sup>2</sup>	110		
303	R.C for footings, pillars and ground beam	M <sup>3</sup>	12.4		
304	Backfill of foudation trenches	M <sup>3</sup>	26.35		
<b>SUB TOTAL 300</b>					
<b>400: WALL MASONARY</b>					
401	Wall elevation with blocks of 15x20x40cm	M <sup>2</sup>	310		
402	Rendering and plastering to all walls dosed at 200kg/m2	M <sup>2</sup>	620		
403	Concrete floor of 8cm thick	M <sup>3</sup>	24.54		
404	R.C for lintel, pillars and tie beam	M <sup>3</sup>	11.23		
<b>SUB TOTAL 400</b>					
<b>500: METALLIC/WOOD WORKS</b>					
501	Metal door of (1.30x2.20) in hard wood with frame and a 3 key outlet lock	No	3		
502	Wooden door of (80x2.20) in hard wood with frame and a 3 key outlet lock	No	3		
503	Wooden door of (70x2.20) in hard wood with frame and a 3 key outlet lock	No	2		
505	Metal door of (80x2.20) in hard wood with frame and a 3 key outlet lock	No	1		
506	Provision of angle bar on edges of veranda	ML	50		
507	Aluminum glazed window of 150x120 with frame and protectors	NO	8		
508	Aluminum glazed window of 80x60 with frame and protectors	NO	2		
<b>SUB TOTAL 500</b>					
<b>600: ELECTRICAL INSTALLATIONS</b>					
601	General electrification	LS	1		
<b>SUB TOTAL 600</b>					
<b>700: ROOF/CEILING WORKS</b>					
701	Treated roof trusses of (5x15)cm hard wood	M <sup>3</sup>	3.0677		
702	Purlins of (5x8)cm treated	M <sup>3</sup>	3.2481		
703	Rigid covers and gutters	ML	46.62		



704	Roofing sheet Tol Bac 5/10	M <sup>2</sup>	180.45		
705	Facia board of 35cm wide plained and treated	ML	55.7		
706	Facia zink Tol bac 5/10	ML	55.7		
707	Roof drainage pipes with accessories	NO	1		
708	Plywood ceiling including noggings	M <sup>2</sup>	156.92		
	<b>SUB TOTAL 700</b>				
	<b>800: PAINTING/TILLING</b>				
801	Priming coat in ordinary paint (national paint)	M <sup>2</sup>	720		
802	Two coats of water based paint (pantex 800) on internal walls/ceiling	M <sup>2</sup>	470		
803	Two coats of water resistant paint (pantex 1300) on external walls	M <sup>2</sup>	150		
804	Oil paint on metallic doors, protectors and skirting (coffee brown, 1m from floor level internally and externally	LS	1		
805	Tiles on all floors/toilet (h=1.80) and kitchen SINKS & tables	m <sup>2</sup>	176.92		
	<b>SUB TOTAL 800</b>				
	<b>900: SANITATION WORKS</b>				
901	Septic tank soak-away pit with chambers	M <sup>2</sup>	1		
902	Towel hanger + accessories	No	3		
903	Soup top + accessories	No	3		
904	Wash hand basin + accessories	No	3		
905	English mark WC + accessories	No	3		
906	RC drainage gutters	MI	24		
907	toilet mirror + accessories	No	3		
908	Worktop and kitchen sink + accessories	No	6		
	<b>SUB TOTAL 900</b>				
	<b>1000: HYGIENE AND ENVIRONMENTAL PROTECTION</b>				
1001	Environmental IMPACT NOTICE (under the supervision of DD Environment BUI) The price include: consultancy for elaboration and production of terms of reference, production of EIN, implementation of the recommendations from the report. A lump sum cost	No	1		
	<b>SUB TOTAL 1000</b>				
	<b>TOTAL WITHOUT TAXES</b>				
	<b>TVA (19.25%)</b>				
	<b>AIR (2.2%)</b>				
	<b>TOTAL WITH ALL TAXES INCLUSIVE (TTC)</b>				
	<b>NET PAYABLE</b>				