

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 BY EMERGENCY PROCEDURE

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° 040 /ONIT/NWRA/ITB/2025 OF 127 /MAY 2025
FOR THE REHABILITATION OF SOME GOVERNMENT SECONDARY
AND HIGH SCHOOLS IN THE NORTH-WEST REGION DIVIDED INTO
SIX (06) LOTS BY EMERGENCY PROCEDURE

IMPUTATION:

FINANCIAL YEAR 2025

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Document N°. 1

TENDER NOTICE



TENDER NOTICE

OPEN NATIONAL INVITATION TO TENDER FILE N° **U 4 0** /ONIT/NWRA/ITB/2025 OF **27 MAY 2025**
2025 FOR THE REHABILITATION OF SOME GOVERNMENT SECONDARY AND HIGH SCHOOLS IN THE
NORTH-WEST REGION DIVIDED INTO SIX (06) LOTS BY EMERGENCY PROCEDURE

Financing: 2025 PPRD-NW/SW BUDGET

1. Subject of the Invitation to Tender:

Within the framework of 2025 PPRD-NW/SW BUDGET, The President of the North West Regional Assembly, Contracting Authority, hereby launches an Open National Invitation to tender for the **Rehabilitation of some Government Secondary and High Schools in the North-West Region divided into Six (06) Lots by Emergency Procedure.**

2. Nature of works:

Works to be done consists of

100 : PREPATORY WORKS – SETTING OUT – STUDIES

200: EXCAVATION AND EARTHWORK

300 : FONDATION

400 : ELEVATION OF WALLS

500 : PROOF TRUSS AND COVERING

600 : JOINERY AND METAL WORKS

700 : ELECTRICITY

800 : PAINT WORK

900 : V.R.D.

1000: ADMINISTRATIVE BLOC

1100: A BLOC OF LATRINE OF SIX (06) COMPARTIMENTS
OUTSIDE AMENITIES AND LAYING OUT PLANNING

3. 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.**

4. Lots: The works are in Six (06) Lots as follows:

LOT No.	DIVISION	LOCALITY	PROJECT
01	DONGA/MANTUNG	GOM	Rehabilitation of two blocks of two classrooms each, an administrative block and a block of latrine with six (06) compartments in GSS Gom
02	BUI	TATUM	Rehabilitation of four (4) blocks of Sixteen (16) Classrooms, one (1) computer Lab and six(6) offices at GHS Tatum; Nkum Sub Division - Bui Division Rehabilitation of GHS Tatum
03	MOMO	BATIBO	Rehabilitation of Government Bilingual High School (GBHS) Batibo in the North-West Region
04	MEZAM	BAMBILI	Rehabilitation and Construction of a Science Laboratory for Cameron College of Arts, Science and Technology (CCAST) Bambili
05	NGOKETUNJIA	NDOP	Rehabilitation of four classrooms for Form I and II Blocks, Two Rooms for Science Block of Three Rooms for the Francophone Section at GBHS Ndop
06	MENCHUM	BENAKUMA	Rehabilitation of a block of Seven (07) Classrooms, an Office with a Hall, Science and Computer Laboratory at GHS BENAKUMA

5. **Estimated Cost:** The estimated cost of the Six (06) Projects after preliminary studies is 510 000 000 (Five Hundred And Ten Million) CFAF ATI distributed as follows:

LOT No.	DIVISION	LOCALITY	PROJECT	AMOUNT
01	DONGA/MANTUNG	GOM	Rehabilitation of two blocks of two classrooms each, an administrative block and a block of latrine with six (06) compartments in GSS Gom, Nwa Sub-Division of Donga/Mantung, North-West Region	70,000,000
02	BUI	TATUM	Rehabilitation of four (4) blocks of Sixteen (16) Classrooms, one (1) computer Lab and six(6) offices at GHS Tatum; Nkum Sub Division - Bui Division Rehabilitation of GHS Tatum	70 000 000
03	MOMO	BATIBO	Rehabilitation of Government Bilingual High School (GBHS) Batibo in the North-West Region	70 000 000
04	MEZAM	BAMBILI	Rehabilitation and Construction of a Science Laboratory for Cameron College of Arts, Science and Technology (CCAST) Bambili	160 000 000
05	NGOKETUNJIA	NDOP	Rehabilitation of four classrooms for Form I and II Blocks, Two Rooms for Science Block of Three Rooms for the Francophone Section at GBHS Ndop	70 000 000
06	MENCHUM	BENAKUMA	Rehabilitation of a block of Seven (07) Classrooms, an Office with a Hall, Science and Computer Laboratory at GHS BENAKUMA	70 000 000
TOTAL				510 000 000

6. **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.

7. **Financing**

Works which are the subject of this Invitation to Tender shall be financed by 2025 PPRD-NW/SW Budget assigned to the North-West Regional Assembly.

8. **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	PROJECT	AMOUNT	AMOUNT OF BID BOND	TENDER FILE FEE
01	Rehabilitation of two blocks of two classrooms each, an administrative block and a block of latrine with six (06) compartments in GSS Gom, Nwa Sub-Division of Donga/Mantung, North-West Region	70,000,000	1,400,000	204 000
02	Rehabilitation of four (4) blocks of Sixteen (16) Classrooms, one (1) computer Lab and six(6) offices at GHS Tatum; Nkum Sub Division - Bui Division Rehabilitation of GHS Tatum	70 000 000	1,400,000	
03	Rehabilitation of Government Bilingual High School (GBHS) Batibo in the North-West Region	70 000 000	1,400,000	
04	Rehabilitation and Construction of a Science Laboratory for Cameron College of Arts, Science and Technology (CCAST) Bambili	160 000 000	3 200 000	
05	Rehabilitation of four classrooms for Form I and II Blocks, Two Rooms for Science Block of Three Rooms for the Francophone Section at GBHS Ndop	70 000 000	1,400,000	
06	Rehabilitation of a block of Seven (07) Classrooms, an Office with a Hall, Science and Computer Laboratory at GHS BENAKUMA	70 000 000	1,400,000	

9. **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 submitted online using the address; 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, as soon as this notice is published against payment of the sum of **204 000** (Two Hundred and Four Thousand) **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 offline or online.

11.1 Offline submission:

Each offer drafted in English or French in Seven (7) copies including One (1) original and Six (6) copies marked as such, should reach the office of the Director of General Affairs at the North West Regional Assembly, Tel N°2 33 36 00 92 not later than **19 JUN 2025 at 10:00am** local time and should carry the inscription:

**OPEN NATIONAL INVITATION TO TENDER FILE N° U 4 0 /ONIT/NWRA/ITB/2025 OF 1 MAY 2025
2025 FOR THE REHABILITATION OF SOME GOVERNMENT SECONDARY AND HIGH
SCHOOLS IN THE NORTH-WEST REGION DIVIDED INTO SIX (06) LOTS BY EMERGENCY
PROCEDURE**

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

11.2 Online submission

For online submission, the Tender must be submitted by the Tenderer on the COLEPS Platform not later than **19 JUN 2025 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.

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 **19 JUN 2025 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. Eliminatory 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;

6. Integrate financial file;
7. Not exceed 75% of essential criteria;
8. Suspended by MINMAP for 2025;
9. Submission of insufficient number of bids or the lack of the original copy of bids;
10. 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 2020). This should be justified by copies of past contracts (completed or ongoing). Final reception minutes for all completed contracts before 2025 and provisional reception minutes for contracts completed in 2024 should be presented.
11. Failure to provide a backup copy of offers on time.
12. Failure to comply with the format of file type and size for online submission.

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

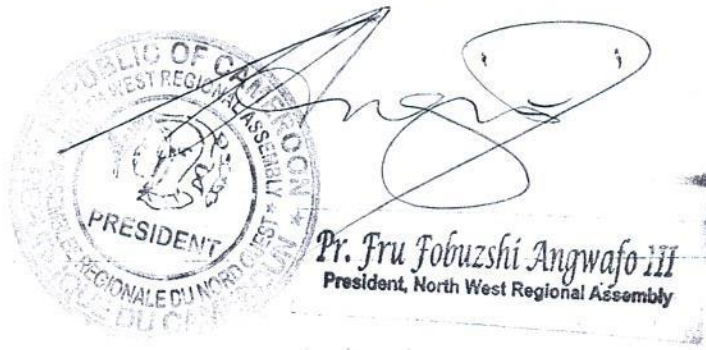
Complementary technical information may be obtained during working hours from the office of the Director of General Affairs, North West Assembly Building, Block "A". (Tel N°2 33 36 00 92).

Done at Bamenda on **127 MAY 2025**

THE PRESIDENT OF THE REGIONAL ASSEMBLY
(Contracting Authority)

Copies:

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



Pr. Fru Fobuzshi Angwafo III
President, North West Regional Assembly



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

APPEL D'OFFRE NATIONAL OUVERT

040 UNIT/NWRA/NWRAITB/2025 DU **17** **MAY** 2025 **2025** POUR LA REHABILITATION DE CERTAINS COLLEGES ET LYCEES DANS LA REGION DU NORD-OUEST

Financement : Budget DE PPRD-NW/SW 2025

1. Objet de l'Appel d'Offre

Dans le cadre de l'exercice budgétaire 2025, le Président de l'Assemblée Régionale du Nord-Ouest, Autorité Contractante lance un Appel d'Offres National Ouvert **Réhabilitation de Certains Colleges et Lycées dans la Région du Nord-Ouest par procédure d'urgence.**

Consistance des travaux

Les travaux comprennent notamment :

LOT 100 : TRAVAUX PREPARATOIRES – ETUDES

LOT 200: TERRASSEMENT

LOT 300 : FONDATIONS

LOT 400 : MACONNERIE – ELEVATION

LOT 500 : CHARPENTE – COUVERTURE

LOT 600 : MENUISERIE – METAL

LOT 700 : ELECTRICITE

LOT 800 : PEINTURE

LOT 900 : V.R.D.

LOT 1000: BLOC ADMINISTRATIF

LOT 1100: UN BLOC DE LATRINES DE SIX COMPARTIMENTS

AMENAGEMENT EXTERIEURS ET CONCEPTION DE L'AMENAGEMENT

2. 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.**

3. Allotissement

Le travail est ci-après défini à 06 lots :

LOT No.	DIVISION	LOCALITY	PROJECT
01	DONGA/MANTUNG	GOM	Pour la réhabilitation de deux blocs de salles de classes, un bloc administratif et un bloc de latrines à six compartiments au collège de Gom, arrondissement de Nwa dans le Departement de Donga/Mantung, Region du Nord-Ouest par procédure d'urgence
02	BUI	TATUM	Pour la réhabilitation de quatre blocs de seize salles de classes, un laboratoire informatique et six bureaux au Lycée de Tatum
03	MOMO	BATIBO	Pour la réhabilitation de GBHS BATIBO
04	MEZAM	BAMBILI	Pour la réhabilitation et construction d'un laboratoire de sciences à CCAST Bambili
05	NGOKETUNJIA	NDOP	Pour la réhabilitation de quatre salles de classe – 5 ^e et 6 ^e , deux salles pour le bloc scientifique et trois salles pour la section francophone au Lycée Bilingue de Ndop
06	MENCHUM	BENAKUMA	Pour la réhabilitation d'un bloc de Sept Salle de classes, un bureau et une salle de conférence, un laboratoire scientifique au Lycée de BENAKUMA

4. **Coût de prévisionnel :** Le coût prévisionnel de l'opération des quatre projets à l'issue des études préalables est de **Cinq Cent Dix Million (510 000 000) CFA TTC.**

LOT No.	DIVISION	LOCALITY	PROJECT	AMOUNT
01	DONGA/MANTUNG	GOM	Pour la réhabilitation de deux blocs de salles de classes, un bloc administratif et un bloc de latrines à six compartiments au collège de Gom, arrondissement de Nwa dans le Département de Donga/Mantung. Region du Nord-Ouest par procédure d'urgence	70.000.000
02	BUI	TATUM	Pour la réhabilitation de quatre blocs de seize salles de classes, un laboratoire informatique et six bureaux au Lycée de Tatum	70 000 000
03	MOMO	BATIBO	Pour la réhabilitation de GBHS BATIBO	70 000 000
04	MEZAM	BAMBILI	Pour la réhabilitation et construction d'un laboratoire de sciences à CCAST Bambili	160 000 000
05	NGOKETUNJIA	NDOP	Pour la réhabilitation de quatre salles de classe – 5 ^e et 6 ^e , deux salles pour le bloc scientifique et trois salles pour la section francophone au Lycée Bilingue de Ndop	70 000 000
06	MENCHUM	BENAKUMA	Pour la réhabilitation d'un bloc de Sept Salle de classes, un bureau et une salle de conférence, un laboratoire scientifique au Lycée de BENAKUMA	70 000 000

5. Participation et origine

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

6. Financement

Les travaux objet du présent appel d'offres sont financés par le Budget PPRD-NW/SW de l'exercice 2025.

7. 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	PROJECT	AMOUNT	AMOUNT OF BID BOND	TENDER FILE FEE
01	La réhabilitation de deux blocs de salles de classes, un bloc administratif et un bloc de latrines à six compartiments au collège de Gom, arrondissement de Nwa dans le Département de Donga/Mantung, Region du Nord-Ouest par procédure d'urgence	70,000,000	1,400,000	204 000
02	Pour la réhabilitation de quatre blocs de seize salles de classes, un laboratoire informatique et six bureaux au Lycée de Tatum	70 000 000	1,400,000	
03	Pour la réhabilitation de GBHS BATIBO	70 000 000	1,400,000	
04	Pour la réhabilitation et construction d'un laboratoire de sciences à CCAST Bambili	160 000 000	3 200 000	
05	Pour la réhabilitation de quatre salles de classe – 5 ^e et 6 ^e , deux salles pour le bloc scientifique et trois salles pour la section francophone au Lycée Bilingue de Ndop	70 000 000	1,400,000	
06	Pour la réhabilitation d'un bloc de Sept Salle de classes, un bureau et une salle de conférence, un laboratoire scientifique au Lycée de BENAKUMA	70 000 000	1,400,000	

8. 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 dès Publication du présent avis.

9. 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 contre présentation d'une quittance de versement au Trésor Public de la somme non remboursable de 204 000 (Deux Cent Quatre Mille) Francs CFA.

10. Remise des offres

La méthode de remise doit être hors ligne ou en ligne

10.1 Remise hors Ligne:

Chaque offre rédigée en français ou en anglais en sept (07) exemplaires dont un (01) original et six (06) copies marquées comme telles, devra parvenir contre récépissé au bureau du Directeur des Affaires Générales de l'Assemblée Régionale du Nord-Ouest. (Tel N° 2 33 36 00 92) au plus tard le **07 JUN 2025** à **10 h 00**, heure locale et devra porter la mention suivante :

APPEL D'OFFRES NATIONAL OUVERT N° 040/AONO/ARNO/ARNOCIPM/2025 DU 07 MAI 2025 POUR LA REHABILITATION DE CERTAINS COLLEGES ET LYCEES DANS LA REGION DU NORD-OUEST PAR PROCEDURE D'URGENCE

«A N'OUVRIR QU'EN SEANCE DE DEPOUILLEMENT»

10.2 Remise en Ligne :

Pour la Remise en ligne, l'offre devra être déposée par le soumissionnaire sur la plateforme COLEPS au plus tard de le **07 JUN 2025** 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.

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.

11. 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.

12. Ouverture des plis

L'ouverture des plis se fera en un temps. L'ouverture des pièces administratives et des offres techniques et financières aura lieu le **09 JUN 2025** 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.

13. 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 l'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 financières incomplètes ;
- 7- Le non-respect de **75%** des critères essentiels ;
- 8- Suspendu par le MINMAP en 2025;
- 9- Présentation d'un nombre insuffisant d'offres ou manque de la copie originale des offres

10- Chiffre d'affaires annuel moyen au moins égal au montant de l'offre (chiffre d'affaires annuel moyen calculé en divisant le total des paiements certifiés reçus pour les contrats en cours ou achevés, au cours du dernier cinq (5) ans (à partir de 2020) 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 2024 à présenter)

11- Défaut de fournir une copie de sauvegarde des offres à temps.

12- Défaut de se conformer au format du type de fichier et de la taille pour la soumission en ligne.

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).

14. 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.

15. 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.

16. 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 **12 7 MAY 2025**

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

Copie :

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



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

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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/2025 of ____/____/2025 for the Rehabilitation of some Government Secondary and High Schools in the North-West Region divided into Six (06) Lots by Emergency Procedure.

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^o. 10. Models to be used by bidders;
 - a. Model Contract;
- Document N^o. 11. Justifications of preliminary studies; to be filled by the Project Owner or Delegated Project Owner;
- Document N^o. 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

21.1 The bidder shall seal the original and each copy of the bid in separate envelopes (internal envelopes) by marking on these envelopes “**ORIGINAL**” and “**COPY**”, as the case may be. The envelopes shall then be placed in another envelope which will equally be sealed but which will not give any indication regarding the identity of the bidder.

21.2 The external and internal envelopes:

- a) Should be addressed to the Contracting Authority at the address indicated in the Special Regulations;
- b) should bear the name and identification number of the project as indicated in the Special Regulations and bear the inscription “**TO BE OPENED ONLY DURING THE BID-OPENING SESSION**” as specified in the Special Regulations.

21.3 The internal envelopes should equally carry the name and address of the bidder in a way as to enable the Contracting Authority return the sealed bid if it is late in accordance with article 23 and 24 of the General Regulations.

21.4 If the external envelope is not sealed and marked as indicated in paragraphs 21(1) and 21(2) above, the Contracting Authority shall not be responsible if the bid is misplaced or opened prematurely.

For online submission, the Tender must be submitted by the Tenderer on the COLEPS Platform not later than / / **2025 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 envelopes 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 OF ENVELOPES AND EVALUATION OF BIDS

Article 25: Opening of envelopes and petitions

- 25.1 The regional Tenders Board shall open the envelopes 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, envelopes 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 envelopes 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 envelopes 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 envelopes 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 envelopes 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	General
1	Definition of works: For the Rehabilitation of some Government Secondary and High Schools in the North-West Region divided into Six (06) Lots by Emergency Procedure. Name and address of the Contracting Authority: The President of the North West Regional Assembly Reference of Invitation to Tender: N° ____/ONIT/NWRA/NWRAITB/2025 of ____/____/2025
2	Execution deadline: Four (04) Months.
3	Source of financing Works which form the subject of this Invitation to Tender shall be financed by the 2025 PPRD-NW/SW 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. Eliminatory 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 2025.
9. Submission of insufficient number of bids or the lack of the original copy of bids;
10. 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 2020). This should be justified by copies of past contracts (completed or ongoing). Final reception minutes for all completed contracts before 2025 and provisional reception minutes for contracts completed in 2024 should be presented.
11. Failure to provide a backup copy of offers on time.
12. Failure to comply with the format of file type and size for online submission.

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

The method of submission shall be offline or online.

Offline submission:

The bids prepared in English or French and in seven (07) copies with one (01) original and six (06) copies marked thus, shall be presented in three (03) volumes as follows:

- A) Administrative Documents**
- B) Technical Documents**
- C) Financial Documents**

7.1 External envelope.

Each bidder shall seal these three (03) envelopes (A, B and C) in one common envelope on which shall be written.

<<OPEN NATIONAL INVITATION TO TENDER

N° ____/ONIT/NWRA/ITB/2025 OF ____/____/2025 FOR THE REHABILITATION OF SOME GOVERNMENT SECONDARY AND HIGH SCHOOLS IN THE NORTH-WEST REGION DIVIDED INTO SIX (06) LOTS BY EMERGENCY PROCEDURE.

"TO BE OPENED ONLY DURING THE BID-OPENING SESSION"

N.B: The external envelope should not carry any mark or sign that can lead to the identification of the bidder.

7.2 Internal envelopes

Three (03) internal envelopes must be sealed in an external envelope.

The first internal envelope shall be labeled;

<<ENVELOPE A: ADMINISTRATIVE DOCUMENTS>> and 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
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	Plan and attestation of location of the Company signed by the bidder on honour
A.12	Power of attorney if necessary
A.13	Group agreement where applicable
A.14	Special Technical Clauses initialed on all the pages and signed, dated and stamped on the last page.
A.15	Special Administrative Clauses completed and initialed on all the pages, signed, dated and stamped on the last page.

The absence or insufficient bid bond will result to the elimination of the offer

The second Internal Envelope shall be labeled <<ENVELOPE B: TECHNICAL DOCUMENT>> and shall contain the following:

A. General presentation of bids	
- 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
TOTAL 1	/6
B. The company references	
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 50 million FCFA ATI (1 st and last pages) and PV of final reception for works realized before 2024 and provisional reception for works realized in 2024.	yes/no
- 01 certified copy of similar contract visa and legalized by a competent administrative authority equal to or more than 25 million CFA ATI (1 st and last pages) and PV of final reception for works realized before 2024 and provisional reception for works realized in 2024.	yes/no
- 01 certified copy of similar contract visa and legalized by a competent administrative authority below 25 million and above 5 million (1 st and last pages) and PV of final reception for works realized before 2024 and provisional reception for works realized in 2024.	yes/no
TOTAL 2	/3
C. Equipment	
- Proof of ownership or hire of a dump 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 ³ 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
TOTAL 3	/8
D. Qualification of site personnel	
- Organizational Chart of the enterprise.....	yes/no

- Organizational Chart of site with comments	yes/no
Works Director: Civil Engineer with at least 05 years of working experience	
- 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
Site foreman: Senior technician in Civil Engineering with at least 05 years of working experience	
- 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
Chief builder: BAC in Civil Engineering with at least three years of working experience	
- 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
Chief carpenter: BAC in wood work with at least three years of working experience	
- 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
Chief Electrician: BAC in Electricity with at least three years of working experience	
- 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
Chief Plumber: CAP in plumbing with at least three years of working experience	
- 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
Chief painter: CAP/trade certificate in painting at least three years	
- 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
TOTAL 4	/31
E. The methodology of intervention and execution of work	
- Attestation of site visit signed by the bidder on honour.	yes/no

- Site Visit report signed and dated by bidder or duly 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 duly initialled on each page, signed and dated on the last page	yes/no
TOTAL 4	/11
F- Pre-financing	
Attestation of credibility shall be at least 80% of the bid price issued by a first rate banking institution.....	yes/no
TOTAL	/1
TOTAL = TOTAL1 + TOTAL2+ TOTAL3+ TOTAL4+ TOTAL5 + TOTAL6	/60

ENVELOPE C- FINANCIAL FILE

The third internal envelope shall be labeled 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

For online submission, the Tender must be submitted by the Tenderer on the COLEPS Platform not later than / / **2025 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.

SUPPLY 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 above.

The time of validity of this guarantee is one hundred and twenty (120) days as from the date of depositing of the offers.

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.

10.3 Guarantee Retention

Guarantee Retention of ten percent (10%) will be operated on amount including all taxes of the Contract.

The corresponding sum from a first rate banking institution will be paid or the released after final acceptance of work.

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 Offline submission, the tender, as all the parts accompanying it will have to be given in seven (07) copies, including one (01) original and six (06) copies. The bidder will present his document inside a sealed outer envelope being the label:

<< OPEN NATIONAL INVITATION TO TENDER N° __/ONIT/NWRA/ITB/2025 OF __/__/2025 FOR THE REHABILITATION OF SOME GOVERNMENT SECONDARY AND HIGH SCHOOLS IN THE NORTH-WEST REGION DIVIDED INTO SIX (06) LOTS BY EMERGENCY PROCEDURE. "TO BE OPENED ONLY DURING THE OPENING SESSION"

For Online submission, see article 7 page 34.

ARTICLE 13: Date and latest time of submission of bids

The offers will have to arrive under closed fold and seal latest __/__/2025 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 tenders

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 __/__/2025 as from 11: 00am, by the Regional Assembly Internal Tenders' Board sitting in the presence of the duly elected bidders or their representatives and 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/or more but can be awarded oly 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, Sports and Cultural Development at the North West Regional Assembly (Observer)

Document N°. 4
SPECIAL ADMINISTRATIVE CONDITIONS
(SAC)

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Chapter IV: Acceptance

- Article 42 - Provisional acceptance (article 67 of GAC)
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Chapter V: Miscellaneous provisions

- Article 46 - Termination of the Contract (article 74 of GAC)
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- Article 49 - Drafting and dissemination of this Contract
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CHAPTER I: GENERAL

Article 1: Subject of Contract

The subject of this Contract shall be the Rehabilitation of some Government Secondary and High Schools in the North-West Region divided into Six (06) Lots by Emergency Procedure.

Article 2: Contract award procedure

This Contract is awarded by Open National Invitation to Tender No _____/ONIT/NWRA/ITB/2025 of ____/____/2025.

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

3.1 General definitions (cf. Code)

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

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

3.3.1 Control Missions [to be specified].

Article 4: Language, law and regulation applicable

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

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

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

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

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

- 1) The tender or commitment letter;
- 2) The bidder's tender and its annexes in all provisions not contrary to the Special Administrative Conditions (GAC) and the Special Technical Conditions (STC) hereunder;
- 3) The Special Administrative Conditions (SAC);
- 4) The Special Technical Conditions (STC);
- 5) The particular elements necessary for the determination of the Contract price, such as, in order of priority: the unit price schedule, the statement of all-in prices, detailed estimates, the breakdown of all-in prices and the sub-details of unit prices;
- 6) Plans, calculation notes, trial documents, geotechnical documents;

- 7) The General Administrative Conditions applicable on Public works Contracts that went into effect by Order No. 033/CAB/PM of 13 February 2007;
- 8) The General Technical Condition(s) applicable on the services forming the subject of the Contract.

Article 6: General instruments in force

This Contract shall be governed by the following general instruments:

1. Law No 2018/011 of 11 July, 2018 on the Code of Transparency and Good Governance in the management of Public Finances in Cameroon;
2. Law No 2018/012 of July 11, 2018 on the financial regime of the state and other public entities;
3. Law No 2019/024 of December 24, 2019 on the General code of Regional and Local Authorities;
4. Law No. 96/12 of 5th August 1996 on the management of the environment;
5. Law No. 2024/013 of 23 December, 2024 bearing on the Finance Law of the Republic of Cameroon for the 2025 Financial Year
6. Law No. 2019/024 of December, 2019 on the General Code of Decentralized Territorial Communities.
7. Decree No. 2013/159 of 15 May, 2013 putting in place a special regime on Administrative Control of Public Finances
8. Law No 2016/017 of 14 December 2016 instituting the Mining Code;
9. Decree No. 2018/366 of 20th June 2018 to institute the Public Contracts Code and its texts of application;
10. Decree No. 2018/4992/PM of 21 June, 2018 putting in place the General Rules regulating the maturation of PPRD-NW/SW Projects;
11. Decree No. 2020/375 of 07 July, 2020 on the General Regulations of Public Accounting.
12. Instruments governing the various professional bodies;
13. Decree No. 2001/048 of 23rd February 2001 relating to the Setting up, Organization and Functioning of the Public Contracts Regulatory Agency
14. Decree No. 2003/651/PM of 16th April 2003 to lay down the Procedure for Implementing the Tax and Customs System applicable to Public Contracts;
15. Decree No. 2012/075 of 8th March 2012 to organise the Ministry in charge of Public Contracts;
16. Order No 212/A/MINMAP of September 28, 2021 organizing the operation of internal structures for the administrative management of Public contracts;
17. Order No. 000007/MINMAP of 01 January..... laying down the procedures for awarding and executing framework agreements
18. Order No. 168/A/MINMAP of August 11, 2021 setting the terms and conditions for the award and execution of design-build contracts;
19. Circular Letter No. 000010/LC/MINMAP/CAB of 22 September 2020, the clarifying the payment documents of the Administrative co-contractors to be submitted for visa prior to the Ministry in charge of Public Procurement
20. Order No. 001/CAB/PR of 19th June 2012 relating to the Award and Control of Execution of Public Contracts;
21. Letter No 00006/LC/PR/MINMAP/CAB of 17 August, 2021 clarifying the control of public procurement and specifying the procedures for its exercise to project owners and delegated project owners circular.
22. Law N° 2023/019 of 19/DEC/2023 instituting the 2025 Financial Law of the Republic of Cameroon
23. Circular No. 000013/995/C/MINFI of 31st December, 2024 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 2025 financial year;
24. Circular No. 0001/PR/MINMAP/CAB of 25 April, 2022 relating to the application of the Public Procurement Code
25. The MINCOMMERCE Decree setting the Price List
26. Order No 402/A/MINMAP/CAP of 21 October 2019 setting the nature and threshold of contracts reserved for craftsmen, small and medium-sized enterprises, grassroots communities and civil society organisations, and the modalities of their application;
27. Circular letter No. 00000002/LC/MINMAP/CAB of 12 May 2022 relating to the continuity of the public procurement service in the event of a sanction by a Project Owner or Delegated Project Owners or members of a commission public procurement in accordance with the provision of articles 195 of the code of public contracts.
28. Unified Technical Documents (DTU) for building works;
29. Applicable standards;
30. Other instruments specific to the domain concerned with the Contract.

Article 7: Communication (Articles 6 and 10 supplemented)

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

- a) In the case where the contractor is the addressee: beyond the time-limit of 15 days fixed in Article 6 (1) of the GAC to make his domicile known to the Contract Manager and immediately after completion of the works, correspondences shall be validly addressed 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 2025 financial year. At the end of phase one, the Project Owner shall carry out the acceptance of the works and issue an attestation of proper execution to the Contractor. This attestation shall condition the start of the following conditional phase.
- 9.2 The time-limit granted for notification of the Administrative Order to start execution of a conditional phase shall be five (5) days.

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

- 10.1 Any modification, even partial, made on the technical bid shall only occur after the written approval of the Contract Manager. In case of modification, the personnel replaced shall be a member of staff of equal competence (qualifications and experiences).
- 10.2 In any case, the lists of supervisory staff to be used shall be subject to the approval of the Project Owner in the days following notification of the Administrative Order to start execution. The contract Manager

has **5 (five) days** to notify his opinion in writing with a copy sent to the Contract Engineer. Beyond this time-limit, the staff list shall be considered as approved.

- 10.3 Any unilateral modification on the supervisory staff made in the technical bid prior to and during the works shall be a reason for termination of the Contract as mentioned in article 45 below or the application of penalties.

CHAPTER II: FINANCIAL CONDITIONS

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

11.1 Final bond

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

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

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

11.2 Performance bond

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

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

11.3 Guarantee of start-off advance

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

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

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

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

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

Article 13: Place and method of payment

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

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

Article 14: Price variation (Article 20 of GAC)

30.1 Prices shall be firm.

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

30.2 Price updating modalities (Not applicable)

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

(Not applicable)

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

(Not applicable)

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

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

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

- The quantities considered shall be the hours used or the quantities of building materials and materials used that was the subject of joint job cost sheets;
- The remunerations and salaries effectively paid to local labour shall be increased by forty percent (40 %) to take account of social benefits;
- The hours put in by the heavy equipment shall be counted at the rate featuring in the sub-detail of prices;
- building materials and materials shall be reimbursed at cost price duly justified at the place of use, marked up by ten percent for loss, stocking and handling;

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

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

The work done shall be evaluated using the unit price.

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

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

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

Article 20: Advances (article 28 of the GAC)

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

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

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

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

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

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

21.1 Establishment of works executed

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

21.2 Monthly detailed account

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

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

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

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

The amount of payment on account shall not exceed the value of the technical execution phases carried out.

Payment on account may be spread over the duration of the execution of the Contract according to technical execution phases as defined in the Contract.

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

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

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

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

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

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

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

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

A. Penalties for delay

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

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

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

B. Specific penalties

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

All taxes inclusive prices means VAT included.

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

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

CHAPTER III: EXECUTION OF WORKS

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

The works shall include especially: (position or volume of works)

(cf. *Special Technical Conditions*)

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

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

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

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

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

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

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

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

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

A reproducible copy of the plans featuring in the Tender File shall be submitted by *the Contract Engineer*.

The Project Owner shall make available the site and access ways to the Contractor at the appropriate time as the works progress.

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

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

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

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

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

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

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

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

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

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

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

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

35.2 Execution draft

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

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

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

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

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

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

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

Article 37: Implantation of structures

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

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

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

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

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

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

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

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

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

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

CHAPTER IV : ACCEPTANCE

Article 42: PROVISIONAL ACCEPTANCE

42.1 PRE-ACCEPTANCE OPERATIONS

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

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

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

- Contract Engineer;
- 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 RD MMINEPAT/NW or his Representative.....(Member)
- 7- The Principal of the concerned school (Observer)
- 8- The Commissioner for Education, Sports and Cultural Development at the North West Regional Assembly(Observer)
- 9- 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 Rehabilitation of some Government Secondary and High Schools in the North-West Region divided into Six (06) Lots by Emergency Procedure.

Works to be done consists of

100 : PREPATORY WORKS – SETTING OUT – STUDIES

200: EXCAVATION AND EARTHWORK

300 : FONDATION

400 : ELEVATION OF WALLS

500 : PROOF TRUSS AND COVERING

600 : JOINERY AND METAL WORKS

700 : ELECTRICITY

800 : PAINT WORK

900 : V.R.D.

1000: ADMINISTRATIVE BLOC

1100: A BLOC OF LATRINE OF SIX (06) COMPARTIMENTS

DESCRIPTIVE NOTES FOR THE REHABILITATION OF GSS GOM, IN NWA SUB-DIVISION DONGA MANTUNG DIVISION, NORTH WEST REGION

1 - GENERALITIES

These present special technical specifications concern **the rehabilitation of two blocks of two classrooms each, an administrative block and a block of latrine with six (06) compartments in GSS Gom, Nwa Sub-Division of Donga/Mantung, North-West Region by Emergency Procedure.** It is that of the technical specifications to be employed to follow the normal precision of MINHDU. This is done in accordance with the norms in force. It is thus required where necessary to respect the general specification of construction while following the plans, sketches and documents provided by the engineer in case they lack particular precisions. This descriptive estimate is not definite but that the work should be realized following building clauses and that of MINHDU

SITE INSTALLATION

Site installation should be done so as to provide free circulation round the construction site since the site is located around the road where people may wish to visit during the construct process. Boarding or fencing should be done round the site not to disturb the smooth running of business at the area. This will be done after site visit, cleaning of the site as well all necessary evaluation of the site.

EXCAVATION

The site here after the evaluation of the site has a good resistant soil and so foundation trenches remain in continues (wide strip) of dimension 40cm width down to the level where the resistant soil is found. Foundation footings (pillars footing) will be determined by the contractor where the bearing soil is found since the sloppy nature of the site minimal. There will be backfilling soil during site leveling. The same soil from excavation will be used for backfilling. The rest of the soil will be taken away from the site to any point where needed.

FOUNDATION

The foundation will maintain the 10cm thick lean concrete and the rest of the foundation will be of blocks of 40 x20x15cm or masonry stone work of width 40cm filled with cement mortar. The height of the foundation will depend on the slope of the site (where bearing soil is found) on each side of the foundation.

FLOOR

The floors will be done after the finishing of the whole structure and will required good compacting and curing of the floors especially the floors of the sittings because it has to be concreted and its veranda.

The floors will be made up of:

- A hardcore of 10cm thick of crushed stones
- A blinding concrete of 2cm thick dosed at 150kg/m3

-10cm thick sand cement mortar mixed of 300kg/m³ and the floor finish will be of cement paste and tiles of (ceramic tiles 900cm²)

FORMWORK

The formwork shall be traditional formwork and well humidified before casting. The dismantling of formwork shall be done progressively without any shock. For vertical elements, formwork should be removed or dismantled after 2 days while for horizontal elements should be dismantled after 28 days following the normal precision.

WALLS

All walls should be of sundry bricks of 20x20x40cm, with cement mortar bedded together and also with mortar joints of 2cm. The walls will be of height 2.8m above of which will be placed a reinforcement chain beam to obtain the of 3m and also the lintels that span any opening.

WALL FINISH

Plastering; Plastering will be of good quality mix and walls finish will be in cement paste. Plastering and rendering are of 2cm thick and executed with cement mortar dosed at 200kg/m³ of CPJ 35.

Ceramic tiles; They are used on walls which desire constant cleaning like kitchen and toilet walls to the height of 2m with cement paste.

Painting; all walls will receive three coats paint.

OPENINGS

Door; the doors will be of good quality wood treated against fungi attack and with beautiful finishing. External of 90x210cm, main door 100x210cm and internal doors of 80x210cm plus the toilet door which is of 70x210cm.

Windows; External windows of 180x210cm, 210x210cm and 60x60cm for toilet windows. Metal protectors will be outside the windows while internal face will be of plain aluminum glass.

ROOF

The roof covering will be of corrugated roofing sheets and the same toe bac for the ridge caps and facial boards. Wood for roof will be supply of 4 m long plank but with varying sizes for purlins, rafters, struts and braces.

- Purlins spacing 90cm axis to axis

- Rafters spacing 120cm

CEILING

The ceiling is made up of the following

- Noggin of size 4 by 4cm purling

- Ceiling boards of plywood 40mm and plain aluminum sheets at all eaves with a good ventilation holes provided at any length of the building.

SUPPLY AND EVACUATION NETWORK (VPD)

- Supply; Water will be from a river in that area or from CAM water

ELECTRICITY

Electricity will be from any means of supply needed and the supply will be one phase or from a DC generator.

FIRE PROTECTION

A series of fire extinguishers shall be positioned at strategic positions in the building for the safety of the occupancy and the customers since the building is for residential purpose and also a need for external kitchens and toilet.

NB. Any addition to this description are left on the initiative of the contractor and if alter not to follow this description will be on the shoulders of the client and the contractor.

STRUCTURAL SPECIFICATIONS

1. FOOTING REINFORCEMENT DESCRIPTION

Classification	References	Geometry	Reinforcement
		square footing Lenth:60cm	X: 6HA12@10

ALL FOOTINGS	ALL Pillars	Width:60.0 cm depth: 15.0 cm	Y: 6HA12@10
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2. GROUND BEAMS REINFORCEMENT DESCRIPTION

Axis	Measurement	Bars	Stirrups
ALL BEAMS	20 x40 in cm	Tension 2HA12 Compression 2HA12 at Supports (1.5m) 2HA10 full length	RLs HA 6 SPACING IS 15cm

3. GROUND Pillars REINFORCEMENT DESCRIPTION

CLASSIFICATION	MEASUREMENT	BARS	STIRUPS
ALL GROUND Pillars	30X30cm	6HA 12	RLs HA 6 SPACING IS 15cm

4. ELEVATION Pillars

CLASSIFICATION	MEASUREMENT	BARS	STIRUPS
ALL Pillars	30X30cm	2HA10 And 4HA12	1s HA 6 SPACING IS 15cm

TECHNICAL SPECIFICATIONS FOR THE REHABILITATION GSS GOM

A. AGGREGATES:

Consisting of sand, crushed gravel sizes of 5/15 and 15/25 for mixing of mortar and concrete, must be of good quality and be approved by the Architect/Engineer, who must be aware of their origin.

B. CONCRETE

I. Lean Concrete (*blinding concrete*)

This must have a thickness of 5 cm and must be laid below the foundations and all other parts of the structure below grade. Dosage must be 250kg/m³ (250kg of cement per m³)

II. Reinforced Concrete

Mix should be 350kg/ m³ with a 28 day resistance of at least 2 bar and must be used for all columns, beams, staircases, lintels, suspended slabs, roof gutters etc.

III. Slabs on ground floor

Would be lightly reinforced with mesh or 6mm rods with a dosage of 300kg/ m³, 10cm thickness on good and well compacted laterite

IV. Form work

Formwork and supports should be strong enough to resist all load of concrete to be supported and workmen. Platforms should be such that concrete particles should not be lost on vibration of concrete.

V. Removal of formwork.

Form work removal should start only when concrete would must have acquired enough strength to support any constrain.

C. IRON RODS

I. Should be of type FCE 40 delivered on site in lengths of 12m, diameters varying from 6mm to 14mm according to plans and details

II. Concrete cover for rods

This should be a minimum of 2 cm and not more than 5cm

D. SANDCRETE BLOCKS/DECKING BLOCKS

I. They must be fabricated from cement, sand and gravel in proportionate mixtures and satisfy all requirements of existing Building Codes. They must be made 4 weeks before used on site.

II. Thickness

Block thickness should comply to expected thicknesses of finished walls on plans

- 7 cm thick blocks for 10cm finished walls
- 15cm thick blocks for 18cm finished walls
- 20 cm thick blocks for special uses as may be indicated on plans.

E. PLUMBING AND SANITARY WORKS

All materials and workmanship should be in conformity with French code of practice NF P 41.20 to 41.204 applicable in Cameroon.

- All sanitary fittings (W.C wash hand basins, urinals, water heaters, and shower trays etc) should be of pafended brand "PROCHER" or its equivalence.
- P.V.C evacuation pipes shall be used for all evacuation of waste and used water in diameter 32,40,50,75,110,150,200 and 250mm etc as shown on plans.
- All water supply pipes shall be of galvanized iron in diameter 15/21,20/27,26/34 as shown on plans
- All accessories: chrome plated towel holders and toilet roll holders, soap holders mirrors etc should be first choice.

F. ELECTRICAL AND TELEPHONE WORKS IN CONFORMITY WITH CODES

I. All installations should comply with DTU 7.02 and all SONEL brochures concerning installations in hot humid climates.

II. Earthing

Necked copper earthing cable of 25mm diameter should be used for earthing connected to reinforcement of all pillars in footings.

III. Concealed conduits

All cables shall be passed through concealed PVC conduct pipes encased in walls or floors.

IV. Patented Brands

All small appliances should be of brand "LE GRAND" or equivalent quality.

- Lighting fittings shall be of patented brands "AROUND" or "LE GRAND" etc or of similar quality.

G. WALL AND FLOOR TILES

- Walls in bathrooms, toilet, kitchens etc shall be Glazed Ceramic Tiles of first quality.
- Floor tiles in public areas shall be of Glazed Ceramic Tiles of first quality
- Floor tiles in rooms shall be P.V.C of highest quality.

H. PAINTING

I. Interiors

- Interior painting to walls and ceilings shall be 3 coats of emulsion paint type PANTEX 900 or similar first class brand.

II. Exteriors

- Exterior painting shall be in 3 coats of emulsion paint type PANTEX 1300 or similar first class brand.

I. MORTAR

Different qualities for use will be as follows:

I. Type 1 for binding mortar

Dosage:450kg/m³

II. Type 2 for blocks

Dosage:350kg/m³

III. Type 3 for plastering

Dosage:550kg/m³ for first layer

450kg/m³ for 2nd layer

350kg/m³ for 3rd layer

- All plaster thickness = 1.5cm
- All sandcrete blocks for walls are 40 cm long, 20cm high/15cm wide
- Hollow blocks for Decking should be 60cm long, 15cm thick

J. TIMBER FOR CARPENTRY AND JOINERY

I. All wood to be used for the roof should be chosen from local species and must not be inferior to AZOBE category II, 20% humidity, strength of 929 kn/cm² or similar.

All wood must be treated against insects and fungi, without defect. Rafters and purlins must be well cut without cracks or deformations.

II. Joinery

Wood to be used for joinery (Door, Windows, Frames etc) should be first class. Humidity at time of use should be less than 20% and which must be treated against insects and fungi.

Frames would be cut to sizes shown on plans.

K. IRONMONGERY AND METAL WORKS.

All metal gear for doors must be CANON or BRICARD or similar patented brands

Quality of workmanship for all metal works must be first class.

L. ALUMINUM WORKS

Aluminum section members would be used for frames of Door and Windows on elevations as well as HANDRAILS on elevation. Aluminum section should have sufficient thickness and be of high quality. Samples must be presented for choice. Alternatively balusters could be use on sit-outs stairs cases and verandas as could be seen on elevations.

Cutting and framing must be neat and o the highest quality patented brands.

M. GLASS WORKS

Good quality glass is to be used, clear, translucent or tinted as requested, thickness varying from 4mm to 8mm according to bay size as specific on plans.

III. Wet Area

Painting to walls of wet areas (upper parts of walls in kitchen, tables, bath rooms etc) shall be in 3 coats of oil paint type GLYCERO or similar brand.

IV. Joinery

Joinery shall be oil paint or varnish as specified or plans in 3 coats, 1 undercoat and 2 finishing coats. Wood work shall be sand papered smooth before undercoat is applied.

V. All ceilings of plywood finish shall be given to rooms above decked levels and must be varnished with 3 coats

Decorative Roman Ceilings shall be fixed to ceiling on lounge1, lounge 2, dining and the Intimate room.

CASST BAMBILI: TECHNICAL SPECIFICATIONS MODE OF EXECUTION OF WORKS GENERALITIES - This descriptive notes and technical specifications are drawn up for the purpose of the Rehabilitation of the administrative block and the computer laboratory and the execution of a science laboratory for CASST BAMBILI. These technical specifications are for the use of the execution firm, the consultant and all other stake holders in the construction of this edifice.

Building materials concerned are generally what is accepted in the construction industry and only qualified technicians are required to use these materials in the execution of the works. They shall follow all indications clearly shown in the working drawings as its aesthetics is also very much dependent on the manipulation of the carefully chosen materials.

The selected site shall be done in accordance to the envisaged structure in terms of geotechnical studies, structural calculations, atmospheric conditions, topography, sewage disposal, and automobile and pedestrian accessibility.

The contractor in charge of this execution must make careful studies of the working drawings. Visit the site and bring up points not understood to consulting firm for clarification before setting out.

The contractor and the consultant shall careful study all the contract documents, make observations and any modifications shall be approved by the contracting authority and the Project Engineer.

PRELIMINARY WORKS

Building Site Installations

The contractor shall set up temporary constructions 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 (if it does not exist)

Store house for materials

Removal of temporary work (fences, field office, sheds, signs, etc.) Connection to Utility Networks

Connect for Water, Electricity and Telephone shall be carried out for easy communication, supply of electricity/water to the site

Sanitation

The contractor shall ensure the availability eating, drinking water and toilet facilities at the works site.

WORKS TO BE EXECUTED SITE PREPARATION

-Site Preparation: The vegetable soil shall be cleared off. Excavation and leveling shall be carried out using dig axes, spades and sledge hammer or a front head loader where necessary.

-Earth works: - The foundation walls and footings shall be excavated to the bearing capacity of the soil as indicated in the project documents.

Blinding concrete. A 5cm thick lean concrete mix of 150kg/m³ (Dangote 42.5R) will be laid under the foundation walls and pads for pillar footings.

Mass Concrete: The ground floors and outdoor pavements of this building will be of mass concrete of dosage 300kg/m³ and following the rules and regulations of pavements and done independently and with finishes as required by design.

Reinforced concrete: The skeleton (framework) of the building shall constitute reinforced beams, pillars and lentles, which must be cast in-situ or prefabricated and designed according to the rules of the CP 110 and batching done according to trial batches or Dreux method, by weight or volume. Mixing, transportation, placing and vibration of all concrete works shall be done manually and mechanically. A percentage loss due to waste, mixing and settlement has been envisaging in the quantities which is 12%

Load evaluation has been limited to dead, live and service loads of the building external horizontal and vertical charges due to wind; rain etc. have not been considered which is due to the negligible atmospheric conditions of the area.

The floors have a thick mass concrete of 300kg/m³ mix APC and will be laid on 8cm layer of hardcore spread on the bearing surface area.

The aggregates will be of class 15/25 and free from organic impurities and any substance that may adversely affect the strength and workability of the concrete. Cast concrete shall be cured as required to achieve its maximum strength

Reception for Reinforcements: The Contractor shall inform the consultant after assembling of reinforcements for approval the consultant shall indicate "Good for concreting" on the building site log book, 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:

If the concrete box is made with timber that has simply been assembled, the boards must be of the same level and properly joined. The maximum space between the joints should be 2 mm. The maximum difference in level between two joint planks should be 3 mm.

If the ordinary form is made with fiberboard or plywood, the sides must be properly joined and be of the same level. The tolerated space between joints should be same as those between sawn timbers.

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 its parts can be removed with ease.

Pre-casting Preparations Cleanness: The form must be free from hydrocarbon products such as grease, etc or by rust. The stains must be thoroughly cleaned up, if need be.

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.

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

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

Coating with oil: The following shall be oiled before concreting: Worked molds of plywood or fiberboard and all molds for fine dressing

Excess oil in the molds 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 molds are to be used more than once, they should be properly cleaned, and if necessary, repaired before being used again.

Safety of Workers and Others

Nails, bolts or projections 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.

Constituent Materials of Concrete Crushed Aggregate (Gravel)

All crushed aggregate on the building site should be stored in the compartments intended for this purpose. The only aggregate authorized on the building site is 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 to the site shall be subject to prior approval of the consultant. The latter must approve the origin of the aggregate. The aggregate should come from rivers, quarries or crushed stable rocks, free of foreign bodies, organic material, dust, mud and clay, whether it sticks to grit or not.

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, wastes, debris and wood.

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 cm² and must not contain particles, whose biggest dimensions exceed the following limits:

For mortar 0/2 mm

For reinforced concrete 0/5 mm

For non-reinforced concrete 10/5 mm

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

Cement (Binder)

Cement shall be true Portland of standard brand and manufacture to CPA 42.5 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.

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

The lots 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 10 cm above the ground.

Reinforcements: All reinforcements or meshes must comply with BAEL 91 specifications. Iron rods must have French AFNOR 35.001 standard characteristics or similar. All reinforcements used in the construction project must be of the Fe E240 grade for smooth bars and the Fe E500 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 on the approval of the Project Manager's representative.

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 consulting firm 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 cheek 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, 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 supervisor or his representative could, ask for tensile strength tests on the samples taken from the batch. Such tests would be done at the contractor's expense. The tests should be carried out by an approved body.

For floor beam frames, all measures should be taken to keep the bars raised and properly positioned around the supports. Enough vertical stirrup rods 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 reinforcements, 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 should always be thoroughly vibrated using mechanical vibrators.

All reinforcing rods should 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 reinforcements to prevent them from being displaced during concreting. He should also add braces (sleeves, tubes, pipes, angle blocks, pre-frames, etc.) to keep the structures set up.

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

Before concreting construction joints, the old concrete must be thoroughly cleaned of any rubble using compressed air, and repeated to reveal gravel and eliminate 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. No concreting of construction joints should be done on the visible parts of structures. The formwork should be removed only after the concrete has acquired enough strength.

MASONRY: The foundation walls shall be done in black stone shaped or unshaped where need be or cement hollow blocks of 20x20x40cm filled with concrete mixed 150kg/m³ and cement mortar while the walls shall be erected in cement hollow blocks of 15x20x40cm and 10x20x40 as shown on the working drawings

Locally produced bricks must respect the following conditions:

They brick must be laid using cement mortar as specified.

PLASTERING: Two coats of plaster of 2cm thick and two coats of (stucco) rendering 2.5cm thick shall be applied on the walls respectively in cement mortar of 400kg/m³ mix.

CARPENTRY AND JOINERY: Timber will be gotten locally, well-seasoned and shall be free from shakes, defects, insects attack and dry rods. All door frames are of hardwood panel timber

OPENINGS

Metallic Doors: All the doors and windows shall be of high metal quality properly finished respecting the dimensions on the working drawings. They shall be received on site by the supervisor 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 and lighting systems and their intensities shall enhance the value and intensity of colors. The first or primary coat shall be done in weak glue (white wash) and should be applied to receive the final or finishing coat. Metallic surfaces should be carefully brushed or washed clean before applying paint.

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

ROOF COVERING: All the timber for the roof trusses shall be eucalyptus and obtained locally, well-seasoned and shall be of straight grains, without defects and treated against insect attack with carbonyl most of the roof trusses shall be triangular. The rafters shall be of 2"x6" (4x15cm) and the purlins 2"x4" (4x8cm.) 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 semi-circular corrugated three (3) m long aluminum sheets of 0.35, from SCATRAL or AUBAC Douala. It shall be screwed or nailed to the purlins by carefully chosen qualified and skilled 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 plywood fixed on solidly nailed noggins and painted as mentioned above.

ELECTRICITY: All the electrical installations i.e. cables, fittings etc. shall respect all norms enforced. The final connection to the main supply shall be done in collaboration with the electricity company.

GUTTERS: To be excavated, 40cm wide and 30cm deep and to be provided round the entire building. The side of gutters constructed of concrete and the floor will be rolled and smoothen out with ordinary cement concrete providing a slope of 10% for the flow of water.

Prefabricated slaps of two (2) meters shall be provided at on path ways

GLASS WORK: The glazing shall be in transparent reflective, tinted and stained. Insulated glass shall be on the noisy wing of the house to be indicated by the architect. Windows Tinted glass shall be used for bedroom halls windows and stained glass for offices, doors; classroom windows shall be reflective and transparent internally. The terraces shall be in steel balusters or in respect of clients' choice.

SEPTIC TANK, SOAKAWAY AND INSPECTION CHAMBERS. SEPTIC TANK. It shall be set out as indicated on foundation plan and constructed as shown on detail sketch done to conform to hygienic regulations

enforced and the technical specification. It shall be constructed on R.C slab in solid blocks of 15x20x40cm cement /sand mortar mix of 300kg/m³ internal rendering shall be done in mortar mix of 400kg/m³ to render it watertight. A 10cm thick cover slab in RC shall be pre-fabricated and placed on top of the tank. Connected vent pipe of 63mm PVC shall be raised to a reasonable height above ground level to crater for pollution.

SOAKAWAY PIT: The effluent from septic tank and wastewater from laboratory sinks, shall drain into the soak away pit. A soak away pit of diameter 150cm shall be packed with sand stones (white stones) to improve aeration and support walls from possible collapse. A mass concrete screed shall be placed on the stones and a reinforced concrete slab on the hole in the middle of the pit. It shall be done to disappear from sight beneath a thin layer of earth.

INSPECTION CHAMBER: They are of dimensions 60x60x30cm in 10x20x40cm blocks. Constructed at each change of direction of drainpipes and immediately before the septic tank and the soak away pit to facilitate inspection of system. The drainpipes are laid to a 1:60 fall.

PLUMBING, SANITARY INSTALLATIONS: Water supply pipelines and accessories are in (copper and cast iron) and laid on 8cm thick layer of sand. But for discharge pipes, all the vertical pipelines shall be in galvanized steel of appropriate diameter. The supply to apparatus shall in copper pipes with accessories.

The installations shall resist cold and hot water systems. All the apparatus shall be fixed as indicated on the plans the WCs etc. will be connected and drained into down pipes by means

MITIGATING THE RISKS ON THE ENVIRONMENT: Focus shall be made on the environmental mitigation measures retained.

REHABILITATION OF FOUR BLOCKS OF SIXTEEN (16) CLASSROOMS, SIX (6) OFFICES AND ONE (1) COMPUTER LAB AT GHS TATUM, BUI DIVISION.

A- TECHNICAL SPECIFICATIONS OF WORK

I: PARTICULAR REHABILITATION TECHNIQUES

I-1-Reference document.

The rehabilitation works of Four blocks of sixteen (16) classrooms, six (6) offices and one (1) computer lap at GHS Tatum will be carried out in the code of practice and according to specifications hereafter:

- D.T.U. N^o 20 on masonries, the reinforced concrete and plaster works
- D.T.U. N^o 36.1 and N^o 37.1 on joineries of wood and metal
- D.T.U. N^o 70.2 on the electrical installations
- D.T.U. N^o 52.1 on the floor coverings
- D.T.U. N^o 59.1 on painting
- D.T.U. N^o 43.3, N^o 40 and N^o 42 on the steel sheet roofs ribbed with coating of sealing and corrugated aluminum sheets.

The provisions envisaged in various official documents are supposed to be known by the contractor and will not be recalled in this document.

I-2 Consistency of Work

The work object of this market concerns the rehabilitation works of sixteen (16) classrooms, six (6) offices, amd one (1) computer lab at GHS Tatum.

This rehabilitation works includes:

- 16 classrooms,
- 6 offices
- 1 computer lab,

The work will concern the following aspects:

- PRELIMINARY WORKS FOUNDATION
- DEMOLITION
- MASONRY AND WOODWORK
- ROOFING
- DOORS/WINDOWS AND ACESSORIES
- PAINTING
- ELECTRICITY
- DRAINAGE

II- SPECIFICATIONS TECHNIQUES DES TRAVAUX

- II.1 - PRELIMINARY WORKS FOUNDATION

This task includes preliminary work, the establishment of panel for the building site and installation of the building site. It also includes the establishment of the environmental impact notice.

This trade equally consists the cleaning of the site and leveling of the ground.

II.3- MASONRY AND WOODWORK:

All the walls will be in sand/cement blocks of 15cmx20cmx40cm. They will be joint with cement mortar dosed at 250kg/m³; their seats shall be well regulated and joints perfectly closed. The verticality of the walls shall always be checked progressively with the erection of which the height is 1,50m apart from the walls of the office and the store.

The reinforced concrete structures amongst others, the pillars with short walls of height 1,50m will be out of rods HA8 (n=14) while the other pillars carrying the roof will be made out of rods HA10 (n=18) on beams of section 15x20 dosed at 350kg/m³. Rods on standby will cross chaining beam to be used as anchoring with the roof.

II-4 - ROOFING –ZINCING – CEILING:

The roof will have a slope of 40%. It will be made out of half-hard wood of the country. The truce will be in bastings of 0.15mx0.06m; they will be of maximum spaces of 3.00m approximately. All the wood will need to be protected by a carbonyl bath before their installation.

The zincing shall be of aluminum sheets (tôles bacs) posed directly on the purlins. These sheets shall overlap the banks of 5cm at least.

The ceiling will be out of plywood cut out in panels of 60cmx40cm and will be posed in the office and store. These panels will be fixed at hollow joints of 2cm on a joisting out of slats of section 0.80m X 0.04m also treated with carbonyl.

- II-5 - DOORS/WINDOWS AND ACESSORIES:

All the openings will have the dimensions envisaged in the field of the project. The doors will be in woodwork. Each door will comprise a lock and hinge plates of good quality.

The windows of the office and the store will be out of double frameworks and with full sliding pane. At the right of each one, a protective grille out of shaped iron will be fixed.

II-6 - ELECTRICITY:

All work of electricity will be completed in accordance with the standards of installation BT (low tension). The bulbs will be posed with the choice of the Engineer together with the contractor and beneficiary.

For a better security of the building and to ensure the best control of the electric circuits, it would be necessary to subdivide this building in two independent circuits (animals block and office block with the store).

The block of the animals will contain 8 incandescent bulbs and will be protected by fuses of 10A for the circuits for lighting and 16 A for the circuits for catch.

The bulbs will be placed on the four external end of the structure.

The apparatuses and accessories of derivation will be approved by the engineer before the installation.

The cables to be used will be VGV and HT.

In general, one will take the following sections:

- 1,5mm² for the circuits of lighting
- 2,5mm² for the circuits of sockets.

II-7 - COATING AND PAINTING:

The coatings will have to be sufficiently regular in any point of the walls and carried out with a proportioned bastard mortar with 300kg/m³.

The contractor must preliminarily make sure that the coatings are clean before applying an impregnation coat of lime and two coats of paint (PANTEX 800) on the interior walls of the office and in accordance to code of practice.

II-8 - VRD (DRAINAGE)

The base of walls will be covered by pavement of 30cmwidth and 8cm thickness on the two side walls of the building. This pavement will be out of ordinary concrete dosed at 350 kg/m³. The external walls side will have outlets in each block to ensure the drainage of waste water to the outside gutter.

A small gutter of (30 X 40) cm being next to this pavement will separate the building from the principal gable in order to ensure the good passage of worn water and the gutter to channel water rapidly.

DESCRIPTIVE ESTIMATES FOR THE REHABILITATION OF GOVERNMENT BILINGUAL HIGH SCHOOL NDOP, NDOP SUB DIVISION, NGOKETUNJIA DIVISION OF THE NORTH WEST REGION.

1 – SUBJECT OF THE STUDIES

This present preliminary technical study concerns the **Rehabilitation of Government Bilingual High School Ndop, Ndop Sub Division, Ngoketunjia Division** of the North West Region. It has as objective the definition of the consistence of works to be executed; as such it consists of;

- The presentation of the site and the environment in question;
- Methods and techniques of rehabilitation;
- Quantities and cost estimates;
- Tentative planning of works
- Photos of the structures to be rehabilitated

1.1 Description of the Project Proper

This project is the rehabilitation of some classroom blocks and laboratories blocks in Government Bilingual High School Ndop, Ndop Sub Division, Ngoketunjia Division of the North West Region. GBHS Ndop has witnessed a lot of destruction as a result of the crisis. Most blocks of the institution have been completely burnt down and needs total rehabilitation. Some blocks which we will rehabilitate in this project are; Form one and two block, Science laboratory block, a laboratory block and a block in the French Section. This Rehabilitation will help the school very much in such a way that children can now study in these classes in good conditions.

2. PRESENTATION OF THE SITE AND THE ENVIRONMENT IN QUESTION

2.1 – Location: Government Bilingual High School Ndop is located in Bamunka Village in Ndop Central town, Ngoketunjia Division of the North West Region. It is situated some few kilometers from National Road N^o 11 around Honourable Yoyo residence.

2.2 -The environment: Ndop generally has a warm climate with two seasons, rainy and dry seasons. The soil is reddish in nature. The site in question is a level land.

2.3-Execution Materials: Materials may be easily obtained from locations like:

- Kifom village for building stones;
- Jakiri town and Ndop for wood and rods respectively
- Sand will be gotten from Bamessing Village
- Gravel will be gotten from Wainamah Village
- Cement and other finished materials will be obtained from building materials ware houses in Ndop town.

2.4- Other services: Electricity, Water, Telephone etc

LOGICAL SEQUENCE FOR THE EXECUTION OF TASK

When the project will be awarded the various tasks will be executed in the following sequence:

1. SITE INSTALLATION

The installation works shall comprise of the following:

- Temporal enclosure of the worksite;
- Temporal provision of water;
- Provision of a site office and a store for the materials;
- Site board indicating the name of project, enterprise, control engineer, funding, time limit for the execution.

2. STUDIES

The studies shall comprise of:

- Establishing an execution program;
- Establishing a work schedule (planning).

3. SITE CLEARING.

This shall consist of:

- Clearing grass on the area for implantation of the building and also 10m all-round the site;
- Cutting of trees and digging of the stumps.

4. FLOOR WORKS

This task shall consist of:

- Concreting of floors with concrete mixed at 300kg/m³, of 8cm thick;
- Smooth screed on floors (cement paste);
- Dressing of stone works in front of the buildings
- Ramps in reinforced concrete

5. ELEVATION WORKS

This task shall consist of:

- Concreting of wall pillars, veranda pillars veranda and chain beams mixed at 350kg/m³;
- Other repair works on walls.

6. IRON WORKS

This task shall Iron doors, sliding windows and rehabilitation of other existing windows and doors.

7. ROOF WORKS

This task shall consist of:

- The stabilization of base of the foundation trenches with 5cm of lean concrete dosed at 150kg/m³;
- The building of foundation walls with frog filled sand Crete blocks of section 20x20x40 dosed at 300kg/m³;
- The casting of reinforced concrete separate footings, foundation pillars and beams dosed at 350kg/m³.

8. BACKFILLING AND COMPACTION OF THE FOUNDATION

This task shall consist of the filling of the foundation with well selected or wellgraded laterite from a borrowed pit in successive layers of 20cm, watered, and compacted

9. FLOORING:

This task shall consist of casting of mass concrete on the floor of thickness 8cm dosed at 350kg/m³.

10. MASONRY/ELEVATION WORKS

This task shall consist of:

- The building of the elevation walls with sand Crete blocks (15x20x40) bonded with a cement mortar dosed at 350kg/m³;
- The casting of reinforced concrete pillars beams and lintels dosed at 350kg/m³.

11. CARPENTRY /ROOFING WORKS

This task shall consist of:

- The mounting of the rafters with well treated hard wood of section 3X12;
- The putting up of purlins with well treated hard wood of section 5x8;
- Roofing with aluminum sheets (Tôle BAC 6/10€).

12. METALLIC WORKS

This task shall consist of:

- Putting up of metallic window protectors;
- Fitting of metallic door shutters.

13. ELECTRICITY WORKS

This task shall consist of:

- Piping with flexible orange conduits pipes;
- Installation of 1.5mm² cables for the lighting circuit;
- Installation of 2.5mm² cables for the sockets;
- Installation of sockets, switches and lamp holders;

14. FINISHING WORKS

This task shall consist of:

- Putting up noggins for the ceiling;
- Putting up of blackboards;
- Plastering of the walls;
- Finishing of the floor with sand screed and cement paste;
- Putting up of ceiling with plywood;
- Putting up of Aluminum gliding windows
- Painting of walls, ceiling and doors;
- Installation of bulb holders/bulbs;
- Connection of the building to the existing electricity network in the institution.

15.**EXTERNAL WORKS**

This task shall consist of:

- Execution of concrete drainage gutters of section 40cm wide and 30cm deep round the building;
- Concreting the veranda round the building with ordinary concrete dosed at 300kg/m³.

16. ENVIRONMENTAL IMPACT NOTICE (Under the supervision of the Dd for Environment Bui)

This task shall consist of:

- Consultancy for the Elaboration and production of Terms of reference
- Production of Environment Impact Notice Report (EIN)
- Implementation of the recommendations from the report

ORGANISATION OF THE WORKS / METHODOLOGY**ORGANISATION OF THE WORKS**

Our company shall put in place five categories of workers for this project:

- 01 Works overseer;
- 01 Site foreman
- 06 Team heads ;
- Technicians and,
- General labourers.

Works overseer

The works overseer shall be visiting the site once in a while most especially when major tasks are being carried out. He shall be following up the daily report from the site foreman as to the quantity of work done.

Site foreman

The site foreman shall always be on site to oversee what the team heads and laborers are doing. **Team heads**

The team heads shall control the technicians and general labourers to ensure that the various tasks assigned to them is well executed.

Technicians

The technicians shall be in charge of executing the various tasks in their domain of specialization.

General labourers

The general labourers shall be assisting the technicians to execute the various tasks.

TEAMS TO BE MOBILISED:

In order to execute the works effectively and within the time limit, five teams will be mobilized with each team comprising of skilled and unskilled workers (general labourers)

TEAM 1 : - BUILDING TEAM,

This team shall be in charge of:

- Clearing/leveling of the site;
- Excavation of foundation trenches ;
- All masonry works ;
- All reinforce concrete works ;
- Plastering works ;
- Other minor tasks relative to the good execution of this task.

TEAM 2 : CAPENTRY TEAM

This team shall be in charge of:

- All wood works
- Roofing works
- Other little task necessary for the smooth execution of this task

TEAM 3 : METALLIC WORKS TEAM

This team shall be in charge of:

- All metallic works
- Other little task necessary for the smooth execution of this task

TEAM 4 : ELECTRICAL WORKS TEAM

This team shall be in charge of:

- All electrical installation Works
- Other little task necessary for the smooth execution of this task

TEAM 5: ALUMINIUM/GLASS WORKS TEAM

This team shall be in charge of:

- All aluminium/glass works

TEAM 6: PAINTING WORKS TEAM

This team shall be in charge of:

- All painting works

METHODOLOGY

NORMS/REGULATIONS

The method that we shall use shall ensure strict respect of the technical specifications on the Special Technical Conditions (STC) of the tender file, and the building norms/regulations in force, from site installation to finishing works. This method shall also be void of all confusion and conflicts

Each team shall be headed by a team head who must be a qualified technician in that domain, such that all the tasks are properly executed.

Before the commencement of works, a working session shall be held with all the workers to sensitize them on the need to respect safety rules and to give the work the quality it deserves. The head of the various teams shall equally be informed of the time limit for the execution of each phase and the general time for the whole exercise.

WORKING HOURS

We shall adopt the following working hours:

One week of = 6 days

One day = 9hours of work, that is 8 effective working hours and one hour of break.

ORDER OF THE EXECUTION

Immediately after site is installed, the different teams involved, under their Team leaders shall be mobilized. The teams shall be mobilized in the following order.

The **EARTH WORKS TEAM** shall be the first team to be mobilized. This team shall start the clearing of the site and digging any tree trunk that might be found on the site. They shall then continue with the trenching of the foundation.

The **MANSORY WORKS TEAM** shall start their intervention with the putting in place lean concrete followed by the building of the frog filled sand Crete foundation wall and the casting of the foundation pillars and beams. After the execution of the foundation, the **EARTH WORK TEAM** shall come back to back fill and compact the foundation.

After the back filling of the foundation, the **MANSORY WORK TEAM** shall come back to continue with the elevation of the walls and casting of the supper structures.

The **CARPENTRY WORKS TEAM** shall then take over with the process of roofing the structure which shall put an end to the main works of the process.

After finishing with the main works, we shall continue with the secondary works in the following order:

- Putting in place of metallic door by the **METALLIC WORKS TEAM**,
- Piping for electrification by the **ELECTRICAL WORKS TEAM**,
- Plastering by the **MANSORY WORKS TEAM**,
- Putting in place of ceiling by the **CARPENTRY WORKS TEAM**,
- Electrification of the structure by the **ELECTRICAL WORKS TEAM**,
- Painting of the structure by the **PAINTING TEAM**, and finally
- DRAINAGE (VRD) by the **MANSORY WORKS TEAM**.

MEANS OF COMMUNICATION

We shall put a 4 Wheel drive pickup at the disposal of the work overseer (site engineer) in other to ease his means of visiting the site. We shall equally provide all key personnel with a mobile phone.

RECRUITMENT OF THE SITE WORKERS

In line with Government policy to fight against poverty, our enterprise shall apply intensive labour method ("method HIMO") to recruit general labourers from the local community.

Our enterprise shall make use of in the most possible way local labour in the area or zone where work is to be realized or executed. Failing to find the qualified personnel on the spot, we shall recruit labour in the wider working area.

The 'HIMO' approach is a technique that combines in optimal manner local labour and small equipment that favours the valorization of local resources in the realization of projects of public or community interest that is technically possible and economically profitable. This approach describes the optimal utilization of local labour to reduce poverty to its barest minimum while considering the execution cost and the quality. Generally there should be equilibrium in adequate utilization of local labour, material and small equipment in order to have satisfactory output.

N.B: It has been proven that the HIMO technique gives satisfactory results within a given period. Thus the technique:

- ✓ Creates significant job opportunities to the locals especially in the sector of unskilled labour;
- ✓ Intensifies the impact of investment on development, thanks to the multiplier effect;
- ✓ Facilitate the transfer of technical competence to the local communities;
- ✓ Inject the flow of money in the local economy;
- ✓ Generates rural employment;
- ✓ Reduces unemployment within the project area;
- ✓ Reduces poverty.

Application:

During the execution of the contract, priority shall be given to the recruitment of labourers from the local community. The information concerning this recruitment shall be published in the Council Office and village markets' signboards and shall be read in all churches and njangi houses. This recruitment shall not be bias and shall be gender indiscriminate. Our company shall be bound to respect the legislative and the regulatory dispositions in force as far as the social legislation is concerned. The employees shall be paid following the labour code and shall be well sensitized on the working conditions. Payments shall be effected every week end to enable the recruited locals to meet up with their financial transactions within and without the project area. During the execution of the project, we shall entrust the supply of local materials to some locals if need be.

THE PLANNING OF INTERVENTION, THE EXPECTED OUTPUT SUPPLY OF MATERIALS OR SITE EQUIPMENT

The supply of materials will be gotten from local quarries and material stores as follows:-

• FINE AGGREGATE (SAND)

The fine aggregate for the works shall be crunchy, stable, and clean and shall be free of dust particles, schistose, gypseous, or clayey debris and organic matter. It shall contain neither sulphur compounds no substances that can react with cement or metallic reinforcement. The sand component shall be more than 80% and the very fine constituents, with a dimension not exceeding eighty (80) microns that can be eliminated by settling, should be less than four percent (4%). No grain of sand shall have a dimension greater than four (4) millimeters. It shall come from rivers and sand quarries in Ndop Sub division especially from Bamessing and Bambalang villages.

• COARSE AGGREGATE (GRAVEL)

The coarse aggregate shall be well graded (5/15mm-15/25mm) and free from all impurities. It shall be clean, without an excess of flat elongated pieces, dust or impurities. Constituents that can be eliminated through settling shall be less than 2% and shall come from the stone quarry around Jakiri Sub division. This coarse aggregate will be gotten especially from Wainamah quarry for SATOM Company.

• WATER FOR ALL WORKS.

Water for all works shall be free from all impurities and salt and shall come from the CDE water supply.

- **CEMENT.**

The cement to be used for the works shall be **Dangote or Cimaf 42.5R** or any other of similar property free from all moisture and shall be bought from local building construction shops.

- **Re-BARS**

The main re-bars shall be HA Fe E400 $\phi 8$ and the stirrups shall be RL Fe E 235 $\phi 6$ and shall be bought from local building construction shops.

- **FORMWORK WOOD.**

The formwork wood shall be solid and should be able to support the weight of the concrete and the effect of vibration and shall come from local wood depots.

- **WOOD FOR ROOFING**

The wood for roofing shall be hard dry wood with a humidity rate of less than 13% and shall come from local wood depots.

- **ROOFING SHEETS**

The roofing sheet shall be Tôles BAC Alu 5/10^{ème} and shall be bought from local building construction shops or from Bamenda town in case it is not available in local shops.

- **ELECTRIFICATION MATERIALS**

The electrification materials shall be of the mark INGELEC or LEGRAND and the bulbs shall be of the mark MAZDA or PHILIPPE and shall be bought from local building construction shops.

- **PAINT**

Pantex 1300 shall be used for the externals while Pantex 800 shall be used for the internal wall and Pantex oil paint shall be used for the metallic doors. These paints shall be bought from local building construction shops.

MEASURES OF SAFETY AND PROTECTION OF THE ENVIRONMENT

1. ENVIROMENT PROTECTION MEASURES

During the execution of this project, we will take adequate measures to protect the site of the work by conforming ourselves to Cameroon Environment Protection law N° 096/12 of 05 August 1996 on Environmental management, **Arrete N° 00002/MINEPDED of 08th February 2016** defining the typical Caneva for the Terms of Reference and the contain of Environmental Impact notice and **letter N° 00908/MINTP/DR** of MINTP bearing publication of directives to be taken into account on the Environmental impact in Civil construction works by ensuring that:

- Non obstruction of the existing rivers by works, or the deposit of waste in the river channel;
- Prohibition to transport or drive out game, hunting and non-timber forest products by the personnel of the building site;
- Evacuate all products of grass cutting and bush clearing, tree cutting and dirt, debris and any other waste to a place agreed on by the control Engineer/the local council
- Sensitize workers on environmental issues and dangers of fires around the work site.
- The base of the company shall be kept clean.
- Our enterprise also has some internal rules and regulation to be observed by all the workers, geared at protecting the environment. The rules prohibit the following :
 - Consumption of alcohol during working hours.
 - Smoking carelessly during working hours.
 - Defecating or urinating carelessly around the work site.
 - Throwing of toxic products into the streams.
 - Throwing of vehicle product on the ground (petrol, gas oil etc.)
 - Cooking of food at the worksite etc.

Non respect of any of these rules can lead to automatic breach of contract.

2. SECURITY AND SAFETY OF THE SITE

The security of the site and the safety of our workers and other people on the site shall be our top priority. Our first task shall be to put up a security fence around the site boundaries and to recruit a watchman in other to ensure the security of the site and to be able to control the movement of people and materials in and out of the site.

We shall ensure the safety of our workers and visitors on site by giving them protective clothing to wear. We shall provide each of our workers with a locker with the following: an overall, a hard hat (helmet), a boot, a glove and a mask so that they shall change in and out of it each day.

We shall put in place a FIRST AID BOX on site with a minimum content of plasters, bandages, ointment and disinfectant and a worker in charge of the box and who knows how to deal with broken bones, burns and electric shocks.

We shall equally put up safety notices around the site in order to remind our workers and visitors of safety rules on site. We shall also have a notice board to remind everyone how many days or months it has been free from accidents.

We also have an insurance Policy that covers the risk of accident at the site.

3. HEALTH AND SANITATION MEASURES

Health and sanitation measures at site are as important to our enterprise as security and safety of the site. We shall ensure that our workers shall have facilities for basic hygiene as well as schedules that allow rest breaks and meal times. We shall put up a canteen on the site and employ somebody in the locality to be cooking food and serving it to our workers during break.

We shall equally ensure the sanitation of our workers by:

- Installing temporal and transportable WCs on the site;
- Installing facilities for washing hands ,
- Putting aside a room for our workers to always change in and out of working clothes,
- Put at the disposal of the working site adequate equipment for potable water and domestic use water;
- 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.

Document N°. 6
SCHEDULE OF UNIT PRICES

UNIT PRICE LIST FOR THE PROJECT

UNIT PRICE SCHEDULE FOR THE REHABILITATION OF TWO BLOCKS OF TWO CLASSROOMS EACH, AN ADMINISTRATIVE BLOCK AND A BLOCK OF LATRINE WITH SIX (06) COMPARTMENTS IN GSS GOM, NWA SUB-DIVISION OF DONGA/MANTUNG, NORTH-WEST REGION.

N°	DESIGNATION	UNIT E	QTE	UNIT PRICE	TOTAL
	LOT 100 : TRAVAUX PREPARATOIRES – ETUDES.				
101	Etudes et installation de chantier	FF	1		
102	Débroussaillage du site + Déforestation	M2	3000		
	SOUS-TOTAL 100				
	LOT 200 : TERRASSEMENT				
201	Nivellement de la plate-forme	M2	1110		
202	Fouille en rigoles et e puits	M3	94		
203	Remblais en terre	M3	124		
	SOUS – TOTAL 200				
	LOT 300 : FONDATION				
301	Béton de propreté	M3	3.4		
302	Agglo de 20 x 20 x 40 bourrés	M2	101		
303	Béton Armé pour semelles, poteaux et chaînages	M3	18.6		
304	Dallage (ép. 8 cm)	M2	350.8		
	SOUS – TOTAL 300				
	LOT 400 : MACONNERIE- ELEVATION				
401	Agglo de 15 x 20 x 40 pour élévation	M2	324		
402	Enduit au mortier de ciment	M2	648		
403	Béton Armé pour poteaux, linteaux, chaînage et poutres	M3	10.8		
404	Tableau mural	U	4		
405	Chape lissée	M2	350.8		
406	Claustras	M2	63		
	SOUS – TOTAL 400				
	LOT 500 : CHARPENTE – COUVERTURE				
501	Ferme	U	8		
502	Pannes et lattes de rives de pignons	M3	5		
503	Plafond	M2	460		
504	Planches de rive/Tôle de rive	M1	78		
505	Tôle Bac Alu 3/10°	M2	468		
506	Tôle Faîtière de 50 Cm de large	M1	39		
507	Tôle lisse sur planche de rive des pignons	M1	48		
	SOUS – TOTAL 500				
	LOT 600 : MENUISERIE METAL				
601	Portes métalliques de 97 x 220 avec serrure à canon et crochets pour cadenas	U	8		
602	Barres pour seuil de Véranda	M1	72		
	SOUS – TOTAL 600				
	LOT 700 : ELECTRICITE				

701	Tube flexible orange	Rleau	2		
702	Câble VGV 1,5 mm2	Rleau	2		
703	Fil TH 2,5 mm2 en plafond	Rleau	4		
704	-Hublots ronds	U	4		
705	Réglettes de 1,20	U	24		
706	Interrupteurs et prise force de courants encastrés	U	24		
SOUS- TOTAL 700					
LOT 800 : PEINTURE					
801	Plafond en Pantex	M2	460		
802	Murs extérieurs en Pantex après impression à la chaux	M2	324		
803	Murs intérieurs en Pantex après impression à la chaux	M2	390		
804	Menuiserie bois et métal, sous bassement en peinture à huile glycérophthalique	M2	72		
SOUS – TOTAL 800					
LOT 900 : V.R.D.					
901	Caniveaux	Ml	260		
902	Dallage des alentours du bâtiment	M2	240		
SOUS – TOTAL 900					
A	LOT 1000: BLOC ADMINISTRATIF				
	Construction d'un bloc administratif	Ls	1		
SOUS - TOTAL 1000					
B	LOT 1100: UN BLOC LATRINES DES SIX COMPARTIMENTS				
	Construction d'un bloc latrines des six compartiments	Ls	1		
SOUS - TOTAL 1100					
TOTAL HORS TAXES					
RECAPITULATION					
LOT 100 : TRAVAUX PREPARATOIRES – ETUDES					
LOT 200: TERRASSEMENT					
LOT 300 : FONDATIONS					
LOT 400 : MACONNERIE – ELEVATION					
LOT 500 : CHARPENTE – COUVERTURE					
LOT 600 : MENUISERIE –METAL					
LOT 700 : ELECTRICITE					
LOT 800 : PEINTURE					
LOT 900 : V.R.D.					
LOT 1000: BLOC ADMINISTRATIF					
LOT 1100: UN BLOC LATRINES DES SIX COMPARTIMENTS					
TOTAL GENERAL HORS TAXES					
TOTAL GENERAL TOUTES TAXES					
TVA : 19,25 % H.T					
I.R : 2,2 % H.T.					
TOTAL DES TAXES					
NET A PAYER A L'ENTREPRENEUR					

**UNIT PRICE SCHEDULE FOR THE REHABILITATION OF A BLOCK OF SEVEN (7)
CLASSROOMS, AN OFFICE WITH A HALL, A SCIENCE LABORATORY AND A COMPUTER LAB AT GHS
BENAKUMA IN MENCHUM VALLEY SUB DIVISION, MENCHUM DIVISION, NORTH-WEST REGION.**

N°	DESCRIPTION OF WORKS	UNIT	QUAT	U. P. IN FIGURES	U.P. IN WORDS
A - PRLIMINARY WORKS					
100	SITE INSTALLATION AND PRELIMINARY WORKS				
101	Studies and other documentations	FF	1		
102	Site clearing	m2	700		
103	Surface levelling	m2	700		
104	Survey layout of the structure and temporary fence	FF	1		
SUB TOTAL LOT 100					
TOTAL PRELIMINARY WORKS					
B - LARGE WORKS					
200	EARTHWORKS				
201	Digging of foundation trenches, gutter and footings in areas affected.	m3	45.4		
202	Backfilling with selected lateritic soil in areas affected by erosion around the classrooms.	m3	62.2		
SUB TOTAL LOT 200					
301	FOUNDATION WORKS AND OF THE OTHER FLOORS MAYBE ADDED BASED ON THE STRUCTURE				
301	Construction of broken foundation and steps to the verandas with black stone	m2	20.15		
302	Repairs on slabs at the lab with reinforced concrete dosed at 350kg/m3	u	7		
303	Concrete floor (8cm thick dosed at 300kg/m3) with the veranda inclusive	m3	988.2		
SUB TOTAL 300					
400	MASONRY WORKS AND ELEVATION				
401	Blocks of 15×20×40 for wall elevation in areas affected.	m2	55.2		
402	Rendering (Plastering of walls) with cement mortar dosed at 300kg/ m3	m2	815.51		
403	Wall blackboard (500x120)cm with cement paste finish including painting with good quality black paint	u	9		
404	Floor finish in cement screed of 3cm thick and cement paste for classroom floors and verandas.	m2	988.2		
405	Blackboard stages with angle bars at the edges	u	9		
406	Reinforced concrete for affected pillars, beams and lintels dosed at 350kg/m3	m3	3.55		
SUB TOTAL LOT 400					
500	FRAMEWORK - COVERING - ROOF ON THE HALL AND COMPUTER ROOM AND REPAIRS ON THE SEVEN CLASSROOMS AND THE SCIENCE LABORATORY				
501	Truss (complete in hard wood treated, kingpost=2.5cm)	u	30		
502	Purlins (5x8cm)	ML	720		

503	Noggins (4x4cm)	m2	988.2		
504	Ceiling in hard plywood (4mm thick & red on both sides)	m2	988.2		
505	Ceiling at the eaves (external perimeter) with smooth zinc sheet (tôle lisse)	m2	256		
506	Aluminium roofing sheets (tôle bac 5/10mm) for the administrative block and a block of four classrooms an office and the hall	m2	369.06		
507	Fascia board (tôle bac 3.5/10mm of 30cm height) including lining	ML	256		
508	Angle sheets of 50cm large	ML	22		
509	Aluminium ridge cap	ML	113		
510	Ventilation of roof with pre-fabricated air block and wire mesh at the eaves	u	6		
SUB TOTAL LOT 500					
B - TOTAL LARGE WORKS					
C - SECOND WORKS (FINISHING)					
600	TILING AND OR FLOOR SMOOTHING (FINISHING)				
601	Supply and installation of 40x40cm floor mirror tiles for Office, the science lab and the computer lab.	m ²	248		
602	Supply and installation of 20x20cm floor mirror tiles on damaged slabs at the science laboratory.	m ²	35.62		
SUB TOTAL LOT 600					
700	JOINERY				
701	Complete metal doors of 210cm high;100cm wide with accessories like in- locks (VACHETTE OR PACO), two pad locks, etc.	u	14		
702	Complete metal window framing of 110cm high; 1.70m width having window protectors of 110cm high; 1.70m width (tube 25mm) fitted internally with double shutters of Lampersen	u	44		
703	Complete metal window framing of 110cm high; 1.70m width having window protectors of 110cm high; 1.70m width (tube 25mm) fitted internally with glaze shutters at the computer lab, the science lab and the office.	m2	22.44		
704	30mm angle metallic bar at veranda/door	ML	150		
SUB TOTAL LOT 700					
800	ELECTRICAL AND SOLAR INSTALLATIONS				
801	11mm conduit pipes	Roll	12		
802	Cables V.G. V 1.5mm2 for lighting	Roll	12		
803	Cables TH 2.5mm2 for power sockets	Roll	12		
804	Led lamps 4ft (1,20m)	u	60		
805	Led lamps 2ft (0,60m)	u	12		
806	Two way switches built-in	u	32		
807	Power sockets built-in	u	4		
808	Master switch for sockets	u	4		

809	Complete earthing of the structures (copper cable 3m, earth rod 1m etc.)	ff	1		
810	8mm Screws	Pkt	4		
811	8mm Wall pegs	Pkt	8		
812	Solar panels of 280Watts (felicity)	u	16		
813	Batteries of 200AH (Felicity)	u	8		
814	Hybrid inverter of 3KVA	u	1		
815	16mm PV Cable	ML	50		
816	2 DC Breakers of 40A each	u	2		
817	Solar mount and others	u	1		
818	Equipment rack	u	1		
819	Peripheral	u	1		
SUB TOTAL LOT 800					
900	PLUMBING AND SANITARY				
901	Supplying and fitting sewage pipes, including any other related tasks	ls	1		
902	Supplying and fitting of complete taps with all related accessories	ls	1		
903	Supplying and fitting complete wash hand basins	u	8		
904	Constructing of a septic tank	u	1		
905	Constructing of a soak away	u	1		
906	Constructing inspection chambers	u	6		
907	Connection of water from the community supply to the lab with all accessories	u	1		
SUB TOTAL LOT 900					
1000	PAINTING				
1001	Priming coat in ordinary paint	m2	2300.4		
1002	Two coats of paints on internal walls (Pantex 800)	m2	1150.2		
1003	Two coats of paints on external walls(Pantex 1300)	m2	1150.2		
1004	Painting of the classrooms and veranda ceiling with two coats of white glue paint(Pantex 800)	m2	988.2		
1005	Oil Paint for Skirting, doors and windows	m2	132.5		
SUB TOTAL LOT 1000					
1100	EXTERNAL WORKS				
1100	Concreted rain water (run-off) gutters 35cm wide at slope of 10%	ML	190		
1101	Concreting of external veranda	m2	190		
1102	Concrete slab on gutters at entrances (1.2m wide) protected with 30mm angle bar at edges	u	16		
1103	Concrete ramps (1.2m wide) protected with 30mm angle bar at edges	u	6		
SUB TOTAL LOT 1100					
1200	SUPPLY OF MATERIALS AND EQUIPMENTS				
1201	Supply of benches to the school	u	100		

1202	Supply of Tables	u	7		
1203	Supply of plastic chairs with metallic legs for the school hall.	u	100		
1204	Executive revolving chair 5 wheels	U	1		
1205	Visitors chairs (foam set and back)	U	2		
1206	Executive table (with three drawers) with computer section	U	1		
1207	Visitors chairs (complete set of 5)	U	1		
1208	Large cupboard for documentation, in hard wood, two doors 2,05X0,80X0,42m	U	1		
1209	Wool carpet of 50m square red	M2	50		
SUB TOTAL LOT 1200					
C - TOTAL SECOND WORKS (FINISHING)					

**UNIT PRICE SCHEDULE FOR THE REHABILITATION OF GOVERNMENT
BILINGUAL HIGH SCHOOL (GBHS) BATIBO IN THE NORTH WEST REGION**

N_o.	Description	Unit	Quantity	Unit prices in figures	Unit prices in words
100	INSTALLATION				
101	Site installation	Ls	1		
102	Execution plan	Ls	1		
103	Terms of reference of environmental impact notice and EIN	Ls	1		
200	CLEANING OF SITE AND PREPARATORY WORKS				
201	Cleaning of site and general preparation	Ls	1		
202	Removal of old floor and crapping of walls	Ls	1		
203	Removal of worn out plastering and other masonry works	Ls	1		
204	Removal of bad roof and plywood	Ls	1		
300	MASONRY WORKS				
301	Repairs of the foundation	Ls	1		
302	Replacement of out floors	M ³	480		
303	Reinforcement of wall cracks and plastering	Ls	1		
304	Rehabilitation of the chain beam	Ls	1		
400	CARPENTRY WORKS				
401	Supply and laying rafter and Pauline	M ³	162		
402	Supply and laying of Aluminium roofing sheets	M ²	420		
403	Supply and laying of plywood	M ²	420		
404	Replacement of window frames and shutters	Ls	1		
405	General carpentry including facial board	Ls	1		
500	METALLIC WORK				
501	Supply and laying of metallic doors (120x90)	U	7		
502	General repairs of metallic works	Ls	1		
600	FINISHING				
601	Painting with pantex 1300	M ²	384		
602	Painting with pantex 800	M ²	425.5		
603	Painting with oil paints	M ²	240.5		
604	Installation of electricity	Ls	1		
605	Installation of water	Ls	1		
700	REHABILITATION OF THE TOILET				
701	Reinforcement of the toilet foundation and slap	Ls	1		
702	Rebuilding of toilet walls and plastering	Ls	1		
703	Roofing of the toilet and carpentry work	Ls	1		
704	Repairs of toilet electrical plumbing system	Ls	1		
705	Painting and finishing	Ls	1		

UNIT PRICE SCHEDULE FOR THE REHABILITATION AND CONSTRUCTION OF A SCIENCE LABORATORY FOR CASST BAMBILI					
LOT	DESIGNATION	Unit	Quantities	Unit Price in Figures	Unit Price in Words
A: GENERAL REPAIRS AND MAINTENANCE CCAST BABIL					
LOT I: REHABILITATION WORKS					
1.1	Supply and place classroom desk for second cycle	No	100		
1.2	Rehabilitation on the administrative block (flooring & tiling, replacing broken doors, repainting etc.)	LL	1		
1.3	Supply and place desktop computers for the computer laboratory (HP Lesser)	No	20		
1.4	Supply and place oil paints for the repainting of wooden elements in the computer laboratory	kg	295		
1.5	Vanish for ceiling in the computer laboratory	kg	41		
1.6	Supply and place damaged plywood in the computer laboratory's ceiling with accessories	No	67		
1.7	Supply and place internet cable supply for the computer laboratory	ML	46		
			SUB-TOTAL I		
B: CONSTRUCTION PROJECT OF THE SCIENCE LABORATORY FOR CCAST BAMBILI					
LOT II: PREPARATORY WORKS					
2.1	Earth work (cutting and levelling of platform) Level at site	m ³	445		
2.2	Site installation (water, Electricity, hut for worker, site office)	Fft	1		
2.3	Implantation (Setting out of building on the ground)	Fft	1		
2.4	Preliminary studies and site visits	Fft	1		
2.5	Studies, supervision and meetings	Fft	1		
2.6	Execution Plans (Detailling of the methods of construction)	Fft	1		
			SUB-TOTAL II		
LOT III: FOUNDATION					
3.1	Excavation of Trenches	m ³	96		
3.2	Excavation of Footings	m ³	26		
3.1	Backfilling of trenches including soil compaction	m ³	13		
3.1	Lean concrete (blinding) (ep=5cm) dosed at 150 kg / m ³	m ³	5		
3.1	Isolated Footing in R C Dosed at 350 kg/m ³	m ³	7		
3.1	Foundation Pillars of 20 x 25 in RC dosed at 350 kg / m ³	m ³	5		
3.1	Chain beam of 20x20 in RC dosed at 350 kg / m ³	m ³	7		

3.1	Walls in agglos of 20x20x40 (hollow block concrete fill) for foundation wall	m ²	131		
3.1	Floor concreting ép. 6 cm in RC dosed at 250 kg / m3	m ³	8		
			SUB-TOTAL III		
LOT IV: ELEVATION					
4.1	Walls in agglos of 15x20x40 (hollow block)	m ²	166		
4.2	Pillars of 20x25cm in R C dosed at 350 kg/m3	m ³	10		
4.3	Lintel of 15x20 in R C dosed at 350 kg/m3	m ³	6		
4.4	Plastering of 1.5cm thickness.	m ²	342		
4.5	R C gutters all round dosed at 350 kg/m3	m ³	10		
4.6	Chain Beam of 20 x 25 in R C dosed at 350 kg/m3	m ³	9		
			SUB-TOTAL IV		
LOT V: ROOF TRUSS AND COVERING					
5.1	Tropical had wood for roof truss	U	460		
5.2	Roofing sheets Alu 12/20mm [3m long]	m ²	415		
5.3	Ceiling framing and 4mm plywood	m ²	540		
5.4	Roof Gutter	ml	60		
5.5	Other accessories for the roof	U	1		
			SUB-TOTAL V		
LOT VI: WOOD JOINERY					
6.1	Plain Doors of metal. 110cmx 210cm (metallic)	U	6		
6.2	Plain Doors of metal. 80cmx 210cm (metallic)	U	6		
6.3	Plain Doors of hard wood. 70cmx 210cm (wooden) for WC	U	4		
			SUB-TOTAL VI		
LOT VII: ALU AND METALLIC JOINERY					
7.1	Aluminum Frame and glass of 5mm	m ²	71		
7.2	Metallic Grill for verandahs and windows protectors	ml	112		
			SUB-TOTAL VII		
LOT VIII: TILING WORK					
8.1	Grey ceramic floor rough tiles of 30x30cm for Laboratory sinks	m ²	330		
8.2	Tiles of 40mmx 40mm for floors and verandahs ceramic grey	m ²	320		
8.3	Wall Tiles(faïence) for Toilet and laboratory	m ²	94		
			SUB-TOTAL VIII		

LOT IX: PLUMBING					
9.1	Supply and place PVC ø 100 for waste (Normalizer)	ml	22		
9.2	Supply and place ø 110 for rain water drainage	ml	20		
9.3	Supply and place pipes for water supply	U	72		
9.4	Supply and place PVC ø 120 for waste	ml	35		
9.5	Supply and place toque low toilet at laboratory & common place	u	6		
9.6	Supply and place English WC or any Toilet of best quality	u	3		
9.7	Supply and place Wash hand basin with stand tap	u	5		
9.8	Supply and place washing bowls	u	20		
9.9	Supply and place ceramic laboratory sinks	u	59		
10	Supply and place water waste outlet with trap on floor	u	21		
10.1	Inspection Chambers	u	12		
10.2	Supply and place stop cokes ø 20/27	u	60		

10.3	Supply and place Roll papers hanger	u	3		
10.4	Supply and place Soap dish hanger	u	3		
10.5	Supply and place stand taps for laboratory sinks with accessories	u	59		
			SUB-TOTAL IX		

LOT X: ELECTRICITY & SECURITY					
10.1	Supply and place cable U1000 4 x 25 mm ²	ml	150		
10.2	Supply and place cable VGV 3x1,5mm ²	ml	150		
10.3	Supply and place cable VGV 3x2,5mm ²	ml	150		
10.4	Supply and place cable VGV souple	ml	150		
10.5	Supply and place insulator conductor HO7 R-U 6 mm ² V/J	ml	100		
10.6	Supply and place insulator conductor HO7 R-U 6 mm ² RED	ml	100		
10.7	Supply and place insulator conductor HO7 R-U 6 mm ² BLUE	ml	100		
10.8	Supply and place insulator conductor HO7 R-U 6 mm ² BLK	ml	100		
10.9	Supply and place insulator conductor HO7 R-U 2,5 mm ² RED	ml	100		
11	Supply and place insulator conductor HO7 R-U 2,5 mm ² BLUE	ml	100		
11.1	Supply and place insulator conductor HO7 R-U 2,5 mm ² BKS	ml	100		

11.2	Supply and place insulator conductor HO7 R-U 2.5 mm ² V/J	ml	100		
11.3	Supply and place insulator conductor HO7 R-U 1.5 mm ² BLUE	ml	100		
11.4	Supply and place insulator conductor HO7 R-U 1.5 mm ² RED	ml	100		
11.5	Supply and place cable earthing 39 mm ²	ml	24		
11.6	Supply and place earthing cable rod and breaker	U	1		
11.7	Supply and place tetrapolar Breaker with security	u	4		
11.8	Supply and place tetrapolar circuit Breaker with security	u	4		
11.9	Supply and place monophasic Circuit Breaker with security	u	4		

12	Supply and place modular Circuit Breaker 16 A	u	4		
12.1	Supply and place modular Circuit Breaker 25 A	u	4		
12.2	Supply and place modular Circuit Breaker 32 A	u	4		
12.3	Supply and place round Casing	u	800		
12.4	Supply and place distribution boxes	u	80		
12.5	Supply and place pexo distribution box	u	4		
12.6	Modular safe 10/2	ml	4		
12.7	Roll of Smooth Orange conduit NF-USE 32 ICO 300	ml	260		
12.8	Roll of Smooth Orange conduit NF-USE 21 ICO 300	ml	254		
12.9	Roll of Smooth Orange conduit NF-USE 16 ICO 300	ml	260		
13	Roll of Smooth Orange conduit NF-USE 13 ICO 300	ml	260		
13.1	Fluorescent lamp of 60 LED	u	56		
13.2	Fluorescent lamp of 120 LED	u	55		
13.3	sanitary Mirror Lamp	u	50		
13.4	Parkettes of connection Bars 25 A	u	10		
13.5	Parkettes of connection Bars 16 A	u	10		
13.6	Parkets of connection Bars 10 A	u	10		
13.7	Built in 2 ways switches D V V	u	120		
13.8	Built in simple 2 ways switches S V V	u	120		
13.9	Simple Built in switches S A	u	88		

14	Switches D A	u	4		
14.1	Built in sockets 2P+T	u	88		
14.2	Built in special socket	u	15		

14.3	Fire signal dictator	u	3		
			SUB-TOTAL X		

LOT XI: SEPTIC TANK

10.1	Concrete floor ép. 10cm in concrete dosed at 350 kg/m3	U	1		
10.2	Blocks of 20 x 20 x 40 filled frog of 150kg/m3	U	1		
10.3	Pillar of 20x15cm of RC dosed at 350kg/m3	U	2		
10.4	Plastering of 1.5cm thickness.	U	1		
10.5	Concrete cover of Tank ép, 15 cm dosed at 350 kg/m3	U	1		
			SUB-TOTAL XI		

LOT XII: EXTERNAL WORKS

11.1	Greenery and pavement	m ²	228		
			SUB-TOTAL XII		

LOT XIII: PAINT

12.1	Primer for both internal and external walls (first coat)	m ²	1,123		
12.2	Paint for internal walls	m ²	524		
12.3	Paint for external walls	m ²	524		
12.4	Vanish for wooden furniture's and ceiling	m ²	250		
12.5	Oil paint for shirting and all metallic works	kg	220		
			SUB-TOTAL XIII		

**UNIT PRICE SCHEDULE FOR THE REHABILITATION OF FOUR CLASSROOMS
FOR FORM ONE AND TWO BLOCK, TWO ROOMS FOR THE LABORATORY
BLOCK, TWO ROOMS FOR THE SCIENCE BLOCK AND THREE ROOMS FOR
THE FRANCOPHONE SECTION AT GBHS NDOP, NDOP SUB DIVISION,
NGOKETUNJIA DIVISION OF THE NORTH WEST REGION**

NO	DESIGNATION	UNIT	Q'TY	U.PRICE IN FIGURES	UNIT PRICE IN WORDS
100	PRELIMINARY WORKS				
101	Site Installation and unfolding of materials	Ff	1		
102	Environmental impact Assessment	ff	1		
103	Clearing of the surroundings	m2	10000		
104	Execution program of works	ff	1		
	SUB TOTAL 100				
200	CONCRETE FLOOR WORKS				
201	Concreting of dilapidated spots on concrete floors with concrete mixed at 300kg/m3, 10cm of thickness	m3	20.79		
202	Execution of Smooth screed on dilapidated concreted areas of the floors	m2	207.9		
203	Concreting of steps into some classrooms with rich mortar mixed at 400kg/m3 including smooth screed	m2	103.95		
204	Maintenance of existing Ramps and concreting of new ones in Mass Concrete mixed at 350kg/m3	U	10		
205	Concreting of dilapidated spots on Verandas with concrete mixed at 300kg/m3, 10cm of thickness	m3	5.94		
206	Execution of Smooth screed on dilapidated concreted areas of the verandas	m2	59.4		
	SUB TOTAL 200				
300	ELEVATION WORKS				
301	Reinforced Concrete mixed at 350kg/m3 for the rehabilitation of wall pillars	m3	5.85		
302	Reinforced Concrete mixed at 350kg/m3 for the Rehabilitation of Veranda Pillars	m3	6.72		
303	Reinforced Concrete mixed at 350kg/m3 for the Rehabilitation of Veranda beams(20x25)cm	m3	5.4		
304	Reinforced Concrete mixed at 350kg/m3 for the rehabilitation of chain beams(20x25)cm	m3	29.7		
305	Repair of cracks and dilapidated spots on walls	Ls	1		
306	Demolition of gable end walls	m2	73.5		
	SUB TOTAL 300				
400	IRON/GLASS WORKS				
401	Iron doors of 90x210 for classrooms with PACO lock	U	18		

402	Iron Slidding Windows of 200x100 for classrooms	U	14		
403	Window protectors 1.5mx1.10m for Laboratories	U	8		
404	Slidding Windows 1.5mx1.10m for Labour Laboratories	U	8		
	SUB TOTAL 400				
500	ROOF WORKS (REPLACEMENT OF THE ENTIRE ROOFS)				
501	Wood for Rafters of 4x15	m3	21.6		
502	Wood for purlins 4x8	m3	5.4		
503	Noggings	m ²	1776		
504	Ceiling in 4mm thick (red plywood on both sides),	m ²	1431		
505	Ceiling at the eaves with smooth zinc (tolelisse)	m ²	339		
506	Aluminum roofing sheets (tolebac 6/10mm)	m ²	1725		
507	Fascia board (Tolebac 3.5/10mm of 30cm height) including lining	ml	433.68		
508	Angle sheets of 50cm large	ml	279		
509	Alu ridge cap	ml	169.2		
510	Ventilation of roof (pre-fabricated) at the eaves	U	12		
	SUB TOTAL 500				
600	PAINTING				
601	Cleaning of walls and areas to be painted	m2	1680		
602	Priming coat in ordinary paint (National paint)	m ²	1560		
603	Two coats of water based paint (Pantex 800) on internal walls	m ²	1560		
604	Two coats of water resistant paint (Pantex 1300) on external walls	m ²	960		
605	Oil paint on metallic door (cream white) & skirting (coffee brown, at window sill height from floor internally and externally)	m ²	900		
	SUB TOTAL 600				
700	EXTERNAL WORKS				
701	Rehabilitation of Rain water (run-off) concrete gutters 35x40cm	ml	445.17		
	SUB TOTAL 700				
	Total Without Taxes				
	VAT 19.25%				
	AIR 2.2%				
	NET TO BE PAID				
	TOTAL TAXES INCLUSIVE				

UNIT PRICE SCHEDULE FOR THE REHABILITATION OF FOUR(4) BLOCKS OF SIXTEEN (16) CLASSROOMS, ONE (1) COMPUTER LAB AND SIX(6) OFFICES AT GHS TATUM; NKUM SUB DIVISION - BUI DIVISION

No	DESCRIPTION	UNIT	QTY	UNIT PRICE IN FIGURES	UNIT PRICE IN WORDS
100	PRELIMINARY WORKS				
101	Studies, Execution, and As-Realised plan	ff	1		
102	Site Installation	ff	1		
103	Environmental impact notice	ff	1		
	Total 100				
200	DEMOLITION				
201	Dilapidated Walls to be demolished	m2	150		
202	Walls plastering to be scraped off	m2	167		
203	Beams, pillars and Slabs to be demolished	m3	11.55		
204	Floor to be demolished	m3	250.8		
	Total 200				
300	MASONRY AND WOODWORK				
301	Walls to be replastered and treated	m2	381		
302	Beams and pillars to be reinforced	m3	16.5		
303	Floor concreting and finishing with cement paste	m2	220.1		
304	Mass concrete for the verandah and finishing with cement paste	m2	168		
305	blackboard 5,00 X 1,20 to be repaired with cement finishing.	u	24		
306	16mm angle iron for veranda edges	ml	144		
	Total 300				
400	ROOF				
401	complete wooden roof Truss for all the entire roofs	m3	150		
402	5 X 8 Purlins with 4 X4 noggins	m3	85		
403	Ply wood boards including noggings for the whole structure	m2	300		
404	5/10 Aluminium roofing sheets with fascia board sheets	m2	700		
405	Alu ridge piece	ml	100		
406	Alu gable edge piece	U	24		
407	External perimeter ceilling in metal sheet (tôle lisse) including ventillation	m2	110		
	Total 400				
500	DOORS/WINDOWS AND ACESSORIES				
501	New metallic doors including all accessories to be affixed in the classrooms	u	27		
502	Repair of all clusters window openings for the classrooms with alluminium glass.	u	48		
	Total 500				
600	PAINTING				
601	Application of one coat quicklime on block walls	m2	690		
602	Application of Two coats of Pantex 800 on ceiling and internal walls	m2	680		
603	Application of Two coats of Pantex 1300 on external walls	m2	220		
604	Application of one coat of Oil paint on skirting, doors, windows &	m2	260		
	Total 600				
700	ELECTRICITY				

701	11 mm PVC flexible conduit pipes Conduit pipes	roll	30		
702	1,5 V.G.V Cables for sockets 1.5mm2 for ceiling/lighting	roll	35		
703	1,5 V.G.V Cables for lighting point	roll	30		
704	1,20 Fluorescent complete lamps	u	50		
705	Complete sockets	u	45		
706	One way one gang complete Switches	u	35		
707	Four ways main switch	U	40		
708	Earth complete wiring cables	roll	15		
Total 700					
800	DRAINAGE				
801	Drain Gutters in concrete at the front and round the building	ml	120		
802	Laying of concrete on area between building and gutter all round each the building	m3	35.5		
803	Concretinte Ramps 1,20 m wide on veranda entrance	u	18		
Total 800					
Grand Total excluding Taxes					
AIR: 5.5%					
TVA: 19.25%					
Total with Taxes					
Net Amount Payable					

Document N°. 7
BILL OF QUANTITIES AND ESTIMATES

**BILL OF QUANTITIES AND COST ESTIMATES FOR THE REHABILITATION OF TWO
BLOCKS OF TWO CLASSROOMS EACH, AN ADMINISTRATIVE BLOCK AND A
BLOCK OF LATRINE WITH SIX (06) COMPARTMENTS IN GSS GOM, NWA SUB-
DIVISION OF DONGA/MANTUNG, NORTH-WEST REGION.**

N°	DESIGNATION	UNITE	QTE	UNIT PRICE	TOTAL
	LOT 100 : TRAVAUX PREPARATOIRES – ETUDES				
101	Etudes et installation de chantier	FF	1		
102	Débroussaillage du site + Déforestation	M2	3000		
	SOUS-TOTAL 100				
	LOT 200 : TERRASSEMENT				
201	Nivellement de la plate-forme	M2	1110		
202	Fouille en rigoles et e puits	M3	94		
203	Remblais en terre	M3	124		
	SOUS – TOTAL 200				
	LOT 300 : FONDATION				
301	Béton de propreté	M3	3.4		
302	Agglo de 20 x 20 x 40 bourrés	M2	101		
303	Béton Armé pour semelles, poteaux et chaînages	M3	18.6		
304	Dallage (ép. 8 cm)	M2	350.8		
	SOUS – TOTAL 300				
	LOT 400 : MACONNERIE- ELEVATION				
401	Agglo de 15 x 20 x 40 pour élévation	M2	324		
402	Enduit au mortier de ciment	M2	648		
403	Béton Armé pour poteaux, linteaux, chaînage et poutres	M3	10.8		
404	Tableau mural	U	4		
405	Chape lissée	M2	350.8		
406	Claustras	M2	63		
	SOUS – TOTAL 400				
	LOT 500 : CHARPENTE – COUVERTURE				
501	Ferme	U	8		
502	Pannes et lattes de rives de pignons	M3	5		
503	Plafond	M2	460		
504	Planches de rive/Tôle de rive	Ml	78		
505	Tôle Bac Alu 3/10 ^e	M2	468		
506	Tôle Faîtière de 50 Cm de large	Ml	39		
507	Tôle lisse sur planche de rive des pignons	Ml	48		
	SOUS – TOTAL 500				
	LOT 600 : MENUISERIE METAL				
601	Portes métalliques de 97 x 220 avec serrure à canon et crochets pour cadenas	U	8		
602	Barres pour seuil de Véranda	Ml	72		
	SOUS – TOTAL 600				
	LOT 700 : ELECTRICITE				
701	Tube flexible orange	Rleau	2		
702	Câble VGV 1,5 mm2	Rleau	2		
703	Fil TH 2,5 mm2 en plafond	Rleau	4		
704	-Hublots ronds	U	4		

705	Réglettes de 1,20	U	24		
706	Interrupteurs et prise force de courants encastrés	U	24		
SOUS- TOTAL 700					
LOT 800 : PEINTURE					
801	Plafond en Pantex	M2	460		
802	Murs extérieurs en Pantex après impression à la chaux	M2	324		
803	Murs intérieurs en Pantex après impression à la chaux	M2	390		
804	Menuiserie bois et métal, sous bassement en peinture à huile glycérophthalique	M2	72		
SOUS - TOTAL 800					
LOT 900 : V.R.D.					
901	Caniveaux	M1	260		
902	Dallage des alentours du bâtiment	M2	240		
SOUS - TOTAL 900					
A	LOT 1000: BLOC ADMINISTRATIF				
	Construction d'un bloc administratif	Ls	1		
SOUS - TOTAL 1000					
B	LOT 1100: UN BLOC LATRINES DES SIX COMPARTIMENTS				
	Construction d'un bloc latrines des six compartiments	Ls	1		
SOUS - TOTAL 1100					
TOTAL HORS TAXES					
RECAPITULATION					
LOT 100 : TRAVAUX PREPARATOIRES – ETUDES					
LOT 200: TERRASSEMENT					
LOT 300 : FONDATIONS					
LOT 400 : MACONNERIE – ELEVATION					
LOT 500 : CHARPENTE – COUVERTURE					
LOT 600 : MENUISERIE –METAL					
LOT 700 : ELECTRICITE					
LOT 800 : PEINTURE					
LOT 900 : V.R.D.					
LOT 1000: BLOC ADMINISTRATIF					
LOT 1100: UN BLOC LATRINES DES SIX COMPARTIMENTS					
TOTAL GENERAL HORS TAXES					
TOTAL GENERAL TOUTES TAXES					
TVA : 19,25 % H.T					
I.R : 2,2 % H.T.					
TOTAL DES TAXES					
NET A PAYER A L'ENTREPRENEUR					

BILL OF QUANTITIES AND COST ESTIMATE FOR THE REHABILITATION OF A BLOCK OF SEVEN (7) CLASSROOMS, AN OFFICE WITH A HALL, A SCIENCE LABORATORY AND A COMPUTER LAB AT GHS BENAKUMA IN MENCHUM VALLEY SUB DIVISION, MENCHUM DIVISION, NORTH-WEST REGION.

N°	DESCRIPTION OF WORKS	UNIT	QUAT	U. PRICE	AMOUNT
A - PRLIMINARY WORKS					
100	SITE INSTALLATION AND PRELIMINARY WORKS				
101	Studies and other documentations	FF	1		
102	Site clearing	m2	700		
103	Surface levelling	m2	700		
104	Survey layout of the structure and temporary fence	FF	1		
SUB TOTAL LOT 100					
TOTAL PRELIMINARY WORKS					
B - LARGE WORKS					
200	EARTHWORKS				
201	Digging of foundation trenches, gutter and footings in areas affected.	m3	45.4		
202	Backfilling with selected lateritic soil in areas affected by erosion around the classrooms.	m3	62.2		
SUB TOTAL LOT 200					
301	FOUNDATION WORKS AND OF THE OTHER FLOORS MAYBE ADDED BASED ON THE STRUCTURE				
301	Construction of broken foundation and steps to the verandas with black stone	m2	20.15		
302	Repairs on slabs at the lab with reinforced concrete dosed at 350kg/m3	u	7		
303	Concrete floor (8cm thick dosed at 300kg/m3) with the veranda inclusive	m3	988.2		
SUB TOTAL 300					
400	MASONRY WORKS AND ELEVATION				
401	Blocks of 15×20×40 for wall elevation in areas affected.	m2	55.2		
402	Rendering (Plastering of walls) with cement mortar dosed at 300kg/ m3	m2	815.51		
403	Wall blackboard (500x120)cm with cement paste finish including painting with good quality black paint	u	9		
404	Floor finish in cement screed of 3cm thick and cement paste for classroom floors and verandas.	m2	988.2		
405	Blackboard stages with angle bars at the edges	u	9		
406	Reinforced concrete for affected pillars, beams and lintels dosed at 350kg/m3	m3	3.55		
SUB TOTAL LOT 400					
500	FRAMEWORK - COVERING - ROOF ON THE HALL AND COMPUTER ROOM AND REPAIRS ON THE SEVEN CLASSROOMS AND THE SCIENCE LABORATORY				
501	Truss (complete in hard wood treated, kingpost=2.5cm)	u	30		
502	Purlins (5x8cm)	ML	720		
503	Noggins (4x4cm)	m2	988.2		

504	Ceiling in hard plywood (4mm thick & red on both sides)	m2	988.2		
505	Ceiling at the eaves (external perimeter) with smooth zinc sheet (tôle lisse)	m2	256		
506	Aluminium roofing sheets (tôle bac 5/10mm) for the administrative block and a block of four classrooms an office and the hall	m2	369.06		
507	Fascia board (tôle bac 3.5/10mm of 30cm height) including lining	ML	256		
508	Angle sheets of 50cm large	ML	22		
509	Aluminium ridge cap	ML	113		
510	Ventilation of roof with pre-fabricated air block and wire mesh at the eaves	u	6		
SUB TOTAL LOT 500					
B - TOTAL LARGE WORKS					
C - SECOND WORKS (FINISHING)					
600	TILING AND OR FLOOR SMOOTHING (FINISHING)				
601	Supply and installation of 40x40cm floor mirror tiles for Office, the science lab and the computer lab.	m ²	248		
602	Supply and installation of 20x20cm floor mirror tiles on damaged slabs at the science laboratory.	m ²	35.62		
SUB TOTAL LOT 600					
700	JOINERY				
701	Complete metal doors of 210cm high;100cm wide with accessories like in- locks (VACHETTE OR PACO), two pad locks, etc.	u	14		
702	Complete metal window framing of 110cm high; 1.70m width having window protectors of 110cm high; 1.70m width (tube 25mm) fitted internally with double shutters of Lampersen	u	44		
703	Complete metal window framing of 110cm high; 1.70m width having window protectors of 110cm high; 1.70m width (tube 25mm) fitted internally with glaze shutters at the computer lab, the science lab and the office.	m2	22.44		
704	30mm angle metallic bar at veranda/door	ML	150		
SUB TOTAL LOT 700					
800	ELECTRICAL AND SOLAR INSTALLATIONS				
801	11mm conduit pipes	Roll	12		
802	Cables V.G. V 1.5mm2 for lighting	Roll	12		
803	Cables TH 2.5mm2 for power sockets	Roll	12		
804	Led lamps 4ft (1,20m)	u	60		
805	Led lamps 2ft (0,60m)	u	12		
806	Two way switches built-in	u	32		
807	Power sockets built-in	u	4		
808	Master switch for sockets	u	4		
809	Complete earthing of the structures (copper cable 3m, earth rod 1m etc.)	ff	1		

810	8mm Screws	Pkt	4		
811	8mm Wall pegs	Pkt	8		
812	Solar panels of 280Watts (felicity)	u	16		
813	Batteries of 200AH (Felicity)	u	8		
814	Hybrid inverter of 3KVA	u	1		
815	16mm PV Cable	ML	50		
816	2 DC Breakers of 40A each	u	2		
817	Solar mount and others	u	1		
818	Equipment rack	u	1		
819	Peripheral	u	1		
SUB TOTAL LOT 800					
900	PLUMBING AND SANITARY				
901	Supplying and fitting sewage pipes, including any other related tasks	ls	1		
902	Supplying and fitting of complete taps with all related accessories	ls	1		
903	Supplying and fitting complete wash hand basins	u	8		
904	Constructing of a septic tank	u	1		
905	Constructing of a soak away	u	1		
906	Constructing inspection chambers	u	6		
907	Connection of water from the community supply to the lab with all accessories	u	1		
SUB TOTAL LOT 900					
1000	PAINTING				
1001	Priming coat in ordinary paint	m2	2300.4		
1002	Two coats of paints on internal walls (Pantex 800)	m2	1150.2		
1003	Two coats of paints on external walls(Pantex 1300)	m2	1150.2		
1004	Painting of the classrooms and veranda ceiling with two coats of white glue paint(Pantex 800)	m2	988.2		
1005	Oil Paint for Skirting, doors and windows	m2	132.5		
SUB TOTAL LOT 1000					
1100	EXTERNAL WORKS				
1100	Concreted rain water (run-off) gutters 35cm wide at slope of 10%	ML	190		
1101	Concreting of external veranda	m2	190		
1102	Concrete slab on gutters at entrances (1.2m wide) protected with 30mm angle bar at edges	u	16		
1103	Concrete ramps (1.2m wide) protected with 30mm angle bar at edges	u	6		
SUB TOTAL LOT 1100					
1200	SUPPLY OF MATERIALS AND EQUIPMENTS				
1201	Supply of benches to the school	u	100		
1202	Supply of Tables	u	7		

1203	Supply of plastic chairs with metallic legs for the school hall.	u	100		
1204	Executive revolving chair 5 wheels	U	1		
1205	Visitors chairs (foam set and back)	U	2		
1206	Executive table (with three drawers) with computer section	U	1		
1207	Visitors chairs (complete set of 5)	U	1		
1208	Large cupboard for documentation, in hard wood, two doors 2,05X0,80X0,42m	U	1		
1209	Wool carpet of 50m square red	M2	50		
SUB TOTAL LOT 1200					
<i>C - TOTAL SECOND WORKS (FINISHING)</i>					
OVERALL AMOUNT OF THE PROJECT =A+B+C					
	VAT (19,25 %)				
	AIR (2,2% or 5 %)				
	TOTAL TTC				

BILL OF QUANTITIES AND ESTIMATES FOR THE REHABILITATION OF GOVERNMENT BILINGUAL HIGH SCHOOL (GBHS) BATIBO IN THE NORTH WEST REGION

N _o .	Description	Unit	Quantity	Unit price	Amount
100	INSTALLATION				
101	Site installation	Ls	1		
102	Execution plan	Ls	1		
103	Terms of reference of environmental impact notice and EIN	Ls	1		
	Subtotal 100				
200	CLEANING OF SITE AND PREPARATORY WORKS				
201	Cleaning of site and general preparation	Ls	1		
202	Removal of old floor and crapping of walls	Ls	1		
203	Removal of worn out plastering and other masonry works	Ls	1		
204	Removal of bad roof and plywood	Ls	1		
	Subtotal 200				
300	MASONRY WORKS		1		
301	Repairs of the foundation	Ls	480		
302	Replacement of out floors	M ³	1		
303	Reinforcement of wall cracks and plastering	Ls	1		
304	Rehabilitation of the chain beam	Ls	1		
	Subtotal 300				
400	CARPENTRY WORKS				
401	Supply and laying rafter and Pauline	M ³	162		
402	Supply and laying of Aluminium roofing sheets	M ²	420		
403	Supply and laying of plywood	M ²	420		
404	Replacement of window frames and shutters	Ls	1		
405	General carpentry including facial board	Ls	1		
	Subtotal 400				
500	METALLIC WORK				
501	Supply and laying of metallic doors (120x90)	U	7		
502	General repairs of metallic works	Ls	1		
	Subtotal 500				
600	FINISHING				
601	Painting with pantex 1300	M ²	384		
602	Painting with pantex 800	M ²	425.5		
603	Painting with oil paints	M ²	240.5		
604	Installation of electricity	Ls	1		
605	Installation of water	Ls	1		
	Subtotal 600				
700	REHABILITATION OF THE TOILET				
701	Reinforcement of the toilet foundation and slap	Ls	1		
702	Rebuilding of toilet walls and plastering	Ls	1		
703	Roofing of the toilet and carpentry work	Ls	1		
704	Repairs of toilet electrical plumbing system	Ls	1		
705	Painting and finishing	Ls	1		
	Subtotal 700				
	TOTAL WITHOUT TAXES				
	VAT				
	AIR				
	ATI				
	NET PAYMENT				

**QUANTITATIVE AND COST ESTIMATE FOR THE REHABILITATION AND CONSTRUCTION OF
A SCIENCE LABORATORY FOR CASST BAMBILI**

LOT	DESIGNATION	Unit	Quantities	Unit Price	Amount
A: GENERAL REPAIRS AND MAINTENANCE CCAST BAMBILI					
LOT I: REHABILITATION WORKS					
1.1	Supply and place classroom desk for second cycle	No	100		
1.2	Rehabilitation on the administrative block (flooring & tiling, replacing broken doors, repainting etc.)	LL	1		
1.3	Supply and place desktop computers for the computer laboratory (HP Lesser)	No	20		
1.4	Supply and place oil paints for the repainting of wooden elements in the computer laboratory	kg	295		
1.5	Vanish for ceiling in the computer laboratory	kg	41		
1.6	Supply and place damaged plywood in the computer laboratory's ceiling with accessories	No	67		
1.7	Supply and place internet cable supply for the computer laboratory	ML	46		
			SUB-TOTAL I		
B: CONSTRUCTION PROJECT OF THE SCIENCE LABORATORY FOR CCAST BAMBILI					
LOT II: PREPARATORY WORKS					
2.1	Earth work (cutting and levelling of platform) Level at site	m³	445		
2.2	Site installation (water, Electricity, hut for worker, site office)	Fft	1		
2.3	Implantation (Setting out of building on the ground)	Fft	1		
2.4	Preliminary studies and site visits	Fft	1		
2.5	Studies, supervision and meetings	Fft	1		
2.6	Execution Plans (Detailing of the methods of construction)	Fft	1		
			SUB-TOTAL II		
LOT III: FOUNDATION					
3.1	Excavation of Trenches	m³	96		
3.2	Excavation of Footings	m³	26		
3.1	Backfilling of trenches including soil compaction	m³	13		
3.1	Lean concrete(blinding) (ep=5cm) dosed at 150 kg / m3	m³	5		
3.1	Isolated Footing in R C Dosed at 350 kg/m3	m³	7		
3.1	Foundation Pillars of 20 x 25 in RC dosed at 350 kg / m3	m³	5		
3.1	Chain beam of 20x20 in RC dosed at 350 kg / m3	m³	7		

3.1	Walls in agglos of 20x20x40 (hollow block concrete fill) for foundation wall	m ²	131		
3.1	Floor concreting ép. 6 cm in RC dosed at 250 kg / m ³	m ³	8		
			SUB-TOTAL III		
LOT IV: ELEVATION					
4.1	Walls in agglos of 15x20x40 (hollow block)	m ²	166		
4.2	Pillars of 20x25cm in R C dosed at 350 kg/m ³	m ³	10		
4.3	Lintel of 15x20 in R C dosed at 350 kg/m ³	m ³	6		
4.4	Plastering of 1.5cm thickness.	m ²	342		
4.5	R C gutters all round dosed at 350 kg/m ³	m ³	10		
4.6	Chain Beam of 20 x 25 in R C dosed at 350 kg/m ³	m ³	9		
			SUB-TOTAL IV		
LOT V: ROOF TRUSS AND COVERING					
5.1	Tropical had wood for roof truss	U	460		
5.2	Roofing sheets Alu 12/20mm [3m long]	m ²	415		
5.3	Ceiling framing and 4mm plywood	m ²	540		
5.4	Roof Gutter	ml	60		
5.5	Other accessories for the roof	U	1		
			SUB-TOTAL V		
LOT VI: WOOD JOINERY					
6.1	Plain Doors of metal. 110cmx 210cm (metallic)	U	6		
6.2	Plain Doors of metal. 80cmx 210cm (metallic)	U	6		
6.3	Plain Doors of hard wood. 70cmx 210cm (wooden) for WC	U	4		
			SUB-TOTAL VI		
LOT VII: ALU AND METALLIC JOINERY					
7.1	Aluminum Frame and glass of 5mm	m ²	71		
7.2	Metallic Grill for verandahs and windows protectors	ml	112		
			SUB-TOTAL VII		
LOT VIII: TILING WORK					
8.1	Grey ceramic floor rough tiles of 30x30cm for Laboratory sinks	m ²	330		
8.2	Tiles of 40mmx 40mm for floors and verandahs ceramic grey	m ²	320		
8.3	Wall Tiles(faïence) for Toilet and laboratory	m ²	94		
			SUB-TOTAL VIII		

LOT IX: PLUMBING					
9.1	Supply and place PVC ø 100 for waste (Normalizer)	ml	22		
9.2	Supply and place ø 110 for rain water drainage	ml	20		
9.3	Supply and place pipes for water supply	U	72		
9.4	Supply and place PVC ø 120 for waste	ml	35		
9.5	Supply and place toque low toilet at laboratory & common place	u	6		
9.6	Supply and place English WC or any Toilet of best quality	u	3		
9.7	Supply and place Wash hand basin with stand tap	u	5		
9.8	Supply and place washing bowls	u	20		
9.9	Supply and place ceramic laboratory sinks	u	59		
10	Supply and place water waste outlet with trap on floor	u	21		
10.1	Inspection Chambers	u	12		
10.2	Supply and place stop cokes ø 20/27	u	60		

10.3	Supply and place Roll papers hanger	u	3		
10.4	Supply and place Soap dish hanger	u	3		
10.5	Supply and place stand taps for laboratory sinks with accessories	u	59		
			SUB-TOTAL IX		

LOT X: ELECTRICITY & SECURITY					
10.1	Supply and place cable U1000 4 x 25 mm ²	ml	150		
10.2	Supply and place cable VGV 3x1,5mm ²	ml	150		
10.3	Supply and place cable VGV 3x2,5mm ²	ml	150		
10.4	Supply and place cable VGV souple	ml	150		
10.5	Supply and place insulator conductor HO7 R-U 6 mm ² V/J	ml	100		
10.6	Supply and place insulator conductor HO7 R-U 6 mm ² RED	ml	100		
10.7	Supply and place insulator conductor HO7 R-U 6 mm ² BLUE	ml	100		
10.8	Supply and place insulator conductor HO7 R-U 6 mm ² BLK	ml	100		
10.9	Supply and place insulator conductor HO7 R-U 2,5 mm ² RED	ml	100		
11	Supply and place insulator conductor HO7 R-U 2,5 mm ² BLUE	ml	100		

11.1	Supply and place insulator conductor HO7 R-U 2,5 mm ² BKS	ml	100		
11.2	Supply and place insulator conductor HO7 R-U 2,5 mm ² V/J	ml	100		
11.3	Supply and place insulator conductor HO7 R-U 1,5 mm ² BLUE	ml	100		
11.4	Supply and place insulator conductor HO7 R-U 1,5 mm ² RED	ml	100		
11.5	Supply and place cable earthing 39 mm ²	ml	24		
11.6	Supply and place earthing cable rod and breaker	U	1		
11.7	Supply and place tetrapolar Breaker with security	u	4		
11.8	Supply and place tetrapolar circuit Breaker with security	u	4		
11.9	Supply and place monophasic Circuit Breaker with security	u	4		

12	Supply and place modular Circuit Breaker 16 A	u	4		
12.1	Supply and place modular Circuit Breaker 25 A	u	4		
12.2	Supply and place modular Circuit Breaker 32 A	u	4		
12.3	Supply and place round Casing	u	800		
12.4	Supply and place distribution boxes	u	80		
12.5	Supply and place pexo distribution box	u	4		
12.6	Modular safe 10/2	ml	4		
12.7	Roll of Smooth Orange conduit NF-USE 32 ICO 300	ml	260		
12.8	Roll of Smooth Orange conduit NF- USE 21 ICO 300	ml	254		
12.9	Roll of Smooth Orange conduit NF- USE 16 ICO 300	ml	260		
13	Roll of Smooth Orange conduit NF- USE 13 ICO 300	ml	260		
13.1	Fluorescent lamp of 60 LED	u	56		
13.2	Fluorescent lamp of 120 LED	u	55		
13.3	sanitary Mirror Lamp	u	50		
13.4	Parkettes of connection Bars 25 A	u	10		
13.5	Parkettes of connection Bars 16 A	u	10		
13.6	Parkets of connection Bars 10 A	u	10		
13.7	Built in 2 ways switches D V V	u	120		
13.8	Built in simple 2 ways switches S V V	u	120		

13.9	Simple Built in switches S A	u	88		
14	Switches D A	u	4		
14.1	Built in sockets 2P+T	u	88		
14.2	Built in special socket	u	15		

14.3	Fire signal dictator	u	3		
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SUB-TOTAL X

LOT XI: SEPTIC TANK

10.1	Concrete floor ép. 10cm in concrete dosed at 350 kg/m3	U	1		
10.2	Blocks of 20 x 20 x 40 filled frog of 150kg/m3	U	1		
10.3	Pillar of 20x15cm of RC dosed at 350kg/m3	U	2		
10.4	Plastering of 1.5cm thickness.	U	1		
10.5	Concrete cover of Tank ép, 15 cm dosed at 350 kg/m3	U	1		

SUB-TOTAL XI

LOT XII: EXTERNAL WORKS

11.1	Greenery and pavement	m ²	228		
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SUB-TOTAL XII

LOT XIII: PAINT

12.1	Primer for both internal and external walls (first coat)	m ²	1,123		
12.2	Paint for internal walls	m ²	524		
12.3	Paint for external walls	m ²	524		
12.4	Vanish for wooden furniture's and ceiling	m ²	250		
12.5	Oil paint for shirting and all metallic works	kg	220		

SUB-TOTAL XIII

DRY PRICE (DP) TAX NOT INCLUSIVE

VAT [19.25% DP]

**TOTAL WORK (T W) [DP+VAT]
SUPPERVISSION & CONTROL
[5% T W]**

LABOUR COST [30% DP]

GRAND TOTAL

**BILL OF QUANTITIES AND COST ESTIMATES FOR THE REHABILITATION OF
FOUR CLASSROOMS FOR FORM ONE AND TWO BLOCK, TWO ROOMS FOR
THE LABORATORY BLOCK, TWO ROOMS FOR THE SCIENCE BLOCK AND
THREE ROOMS FOR THE FRANCOPHONE SECTION AT GBHS NDOP, NDOP
SUB DIVISION, NGOKETUNJIA DIVISION OF THE NORTH WEST REGION**

NO	DESIGNATION	UNIT	Q'TY	U.PRICE	T.PRICE
100	PRELIMINARY WORKS				
101	Site Installation and unfolding of materials	Ff	1		
102	Environmental impact Assesment	ff	1		
103	Clearing of the surroundings	m2	10000		
104	Execution program of works	ff	1		
	SUB TOTAL 100				
200	CONCRETE FLOOR WORKS				
201	Concreting of dilapidated spots on concrete floors with concrete mixed at 300kg/m3, 10cm of thickness	m3	20.79		
202	Execution of Smooth screed on dilapidated concreted areas of the floors	m2	207.9		
203	Concreting of steps into some classrooms with rich mortar mixed at 400kg/m3 including smooth screed	m2	103.95		
204	Maintenance of existing Ramps and concreting of new ones in Mass Concrete mixed at 350kg/m3	U	10		
205	Concreting of dilapidated spots on Verandas with concrete mixed at 300kg/m3, 10cm of thickness	m3	5.94		
206	Execution of Smooth screed on dilapidated concreted areas of the verandas	m2	59.4		
	SUB TOTAL 200				
300	ELEVATION WORKS				
301	Reinforced Concrete mixed at 350kg/m3 for the rehabilitation of wall pillars	m3	5.85		
302	Reinforced Concrete mixed at 350kg/m3 for the Rehabilitation of Veranda Pillars	m3	6.72		
303	Reinforced Concrete mixed at 350kg/m3 for the Rehabilitation of Veranda beams(20x25)cm	m3	5.4		
304	Reinforced Concrete mixed at 350kg/m3 for the rehabilitation of chain beams(20x25)cm	m3	29.7		
305	Repair of cracks and dilapidated spots on walls	Ls	1		
306	Demolition of gable end walls	m2	73.5		
	SUB TOTAL 300				
400	IRON/GLASS WORKS				

401	Iron doors of 90x210 for classrooms with PACO lock	U	18		
402	Iron Sliding Windows of 200x100 for classrooms	U	14		
403	Window protectors 1.5mx1.10m for Laboratories	U	8		
404	Slidding Windows 1.5mx1.10m for Labour Laboratories	U	8		
	SUB TOTAL 400				
500	ROOF WORKS (REPLACEMENT OF THE ENTIRE ROOFS)				
501	Wood for Rafters of 4x15	m3	21.6		
502	Wood for purlins 4x8	m3	5.4		
503	Noggings	m ²	1776		
504	Ceiling in 4mm thick (red plywood on both sides),	m ²	1431		
505	Ceiling at the eaves with smooth zinc (tolelisse)	m ²	339		
506	Aluminum roofing sheets (tolebac 6/10mm)	m ²	1725		
507	Fascia board (Tolebac 3.5/10mm of 30cm height) including lining	ml	433.68		
508	Angle sheets of 50cm large	ml	279		
509	Alu ridge cap	ml	169.2		
510	Ventilation of roof (pre-fabricated) at the eaves	U	12		
	SUB TOTAL 500				
600	PAINTING				
601	Cleaning of walls and areas to be painted	m2	1680		
602	Priming coat in ordinary paint (National paint)	m ²	1560		
603	Two coats of water based paint (Pantex 800) on internal walls	m ²	1560		
604	Two coats of water resistant paint (Pantex 1300) on external walls	m ²	960		
605	Oil paint on metallic door (cream white) & skirting (coffee brown, at window sill height from floor internally and externally)	m ²	900		
	SUB TOTAL 600				
700	EXTERNAL WORKS				
701	Rehabilitation of Rain water (run-off) concrete gutters 35x40cm	ml	445.17		
	SUB TOTAL 700				
	Total Without Taxes				
	VAT 19.25%				
	AIR 2.2%				
	NET TO BE PAID				
	TOTAL TAXES INCLUSIVE				

**BILL OF QUANTITIES AND COST ESTIMATES FOR THE REHABILITATION OF FOUR(4)
BLOCKS OF SIXTEEN (16) CLASSROOMS, ONE (1) COMPUTER LAB AND SIX(6)
OFFICES AT GHS TATUM; NKUM SUB DIVISION - BUI DIVISION**

No	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
100	PRELIMINARY WORKS				
101	Studies, Execution, and As-Realised plan	ff	1		
102	Site Installation	ff	1		
103	Environmental impact notice	ff	1		
	Total 100				
200	DEMOLITION				
201	Dilapidated Walls to be demolished	m2	150		
202	Walls plastering to be scraped off	m2	167		
203	Beams, pillars and Slabs to be demolished	m3	11.55		
204	Floor to be demolished	m3	250.8		
	Total 200				
300	MASONRY AND WOODWORK				
301	Walls to be replastered and treated	m2	381		
302	Beams and pillars to be reinforced	m3	16.5		
303	Floor concreting and finishing with cement paste	m2	220.1		
304	Mass concrete for the verandah and finishing with cement paste	m2	168		
305	blackboard 5,00 X 1,20 to be repaired with cement finishing.	u	24		
306	16mm angle iron for veranda edges	ml	144		
	Total 300				
400	ROOF				
401	complete wooden roof Truss for all the entire roofs	m3	150		
402	5 X 8 Purlins with 4 X4 noggins	m3	85		
403	Ply wood boards including noggings for the whole structure	m2	300		
404	5/10 Aluminium roofing sheets with fascia board sheets	m2	700		
405	Alu ridge piece	ml	100		
406	Alu gable edge piece	U	24		
407	External perimeter ceiling in metal sheet (tôle lisse) including ventilation	m2	110		
	Total 400				
500	DOORS/WINDOWS AND ACESSORIES				
501	New metallic doors including all accessories to be affixed in the classrooms	u	27		
502	Repair of all clusters window openings for the classrooms with alluminium glass.	u	48		
	Total 500				
600	PAINTING				
601	Application of one coat quicklime on block walls	m2	690		
602	Application of Two coats of Pantex 800 on ceiling and internal walls	m2	680		
603	Application of Two coats of Pantex 1300 on external walls	m2	220		

604	Application of one coat of Oil paint on skirting, doors, windows &	m ²	260		
	Total 600				
700	ELECTRICITY				
701	11 mm PVC flexible conduit pipes Conduit pipes	roll	30		
702	1,5 V.G.V Cables for sockets 1.5mm ² for ceiling/lighting	roll	35		
703	1,5 V.G.V Cables for lighting point	roll	30		
704	1,20 Fluorescent complete lamps	u	50		
705	Complete sockets	u	45		
706	One way one gang complete Switches	u	35		
707	Four ways main switch	U	40		
708	Earth complete wiring cables	roll	15		
	Total 700				
800	DRAINAGE				
801	Drain Gutters in concrete at the front and round the building	ml	120		
802	Laying of concrete on area between building and gutter all round each the building	m ³	35.5		
803	Concretinte Ramps 1,20 m wide on veranda entrance	u	18		
	Total 800				
	Grand Total excluding Taxes				
	AIR: 5.5%				
	TVA: 19.25%				
	Total with Taxes				
	Net Amount Payable				

Document N°. 8
SUB-DETAIL OF PRICES