

REPUBLIQUE DU CAMEROUN
PAIX-TRAVAIL-PATRIE

MINISTERE DE L'ADMINISTRATION
TERRITORIALE

REGION DU NORD-OUEST

SERVICE DU GOUVERNEUR

REPUBLIC OF CAMEROON
PEACE-WORK-FATHERLAND

MINISTRY OF TERRITORIAL
ADMINISTRATION

NORTH-WEST REGION

GOVERNOR'S OFFICE

THE NORTH WEST REGIONAL TENDERS BOARD OPEN NATIONAL INVITATION TO TENDER

TENDER FILE

OPEN NATIONAL INVITATION TO TENDER

N°...../ONIT/NWRTB/GOV-NW/2026 OF /..... /2026 FOR THE
CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER MENKA LINKING
THE MILE V JUNCTION AND THE ORPHANAGE MISPA IN MENKA NKWEN,
MEZAM DIVISION, NORTH WEST REGION

DELEGATED CONTRACTING AUTHORITY: THE GOVERNOR OF THE NORTH WEST
REGION

PROJECT OWNER: THE REGIONAL DELEGATE OF PUBLIC WORKS NORTH WEST

FUNDING: MINTP PUBLIC INVESTMENT BUDGET OF 2026

AUTHORISATION NO

IMPUTATION NO 60 36 370 2 32000003 0451 523411

FINANCIAL YEAR 2026

TABLE OF CONTENT

Document N° 1: Tender Notice	2
Document N° 2: General Regulations of the invitation to tender.....	13
Document N° 3: Special Regulations of the invitation to tender:	30
Document N°4: Special Administrative Conditions :	41
Document N° 5: Special Technical Conditions :	56
Document N° 6: Schedule of prices:	101
Document N°7: Bill of quantities and estimates:	124
Document N° 8: The sub-detail of prices:	129
Document N°9: Model contract:	131
Document N°10: Annexes:	136
Document N° 11: List of banking institutions and financial bodies authorised to issue bonds for public contracts.....	148
Document N° 12: Plans:	150

Document N° 1
TENDER NOTICE

REPUBLIQUE DU CAMEROUN

Paix – Travail – Patrie

MINISTRE DE L'ADMINISTRATION
TERRITORIALE

REGION DU NORD OUEST

SERVICE DU GOUVERNEUR



REPUBLIC OF CAMEROON

Peace – Work – Fatherland

MINISTRY OF TERRITORIAL ADMINISTRATION

NORTH WEST REGIONAL

GOVERNOR'S OFFICE

TENDER NOTICE OPEN NATIONAL INVITATION TO TENDER

**N°...../ONIT/NWRTB/GOV-NW/2026 OF /..... /2026 FOR
THE CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER
MENKA LINKING THE MILE V JUNCTION AND THE ORPHANAGE
MISPA IN MENKA NKWEN, MEZAM DIVISION, NORTH WEST
REGION Subject of the Invitation to Tender**

Within the framework of 2026 Public Investment Budget, the Governor of the North West Region, Delegated Contracting Authority hereby launches an OPEN NATIONAL INVITATION TO TENDER

N°...../ONIT/NWRTB/GOV-NW/2026 OF /..... /2026 FOR THE CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER MENKA LINKING THE MILE V JUNCTION AND THE ORPHANAGE MISPA IN MENKA NKWEN, MEZAM DIVISION, NORTH WEST REGION

1. Nature of works

Works to be done consists of:

- 1- Site installation
- 2- Mobilisation and demobilisation of equipment
- 3- Scarification of the exiting road surface and moulding
- 4- Cut and throw
- 5- Foundation course in laterite
- 6- Moulding of road surface
- 7- Opening of gutters
- 8- Reinforced concrete gutters
- 9- Supply and placement of reinforced concrete ring culverts
- 10- Construction of reinforced concrete box culvert 3x3
- 11- Construction of reinforced concrete box culvert 2.5x2
- 12- Vertical signalisation
- 13- All other works described in the cost estimates and bill of quantities.

2. Participation and origin

Participation in this invitation to tender is opened to all national companies specialized in building construction and public works who are duly categorised.

3. Lots

The works are regrouped in a unique lot.

4. Estimated cost

The estimated cost of the works after preliminary studies stands at **One hundred and fifty million (150,000,000) Francs CFA** all taxes inclusive.

5. Financing

Works which form the subject of this invitation to tender are financed by the PIB of MINTP 2026 with budget heads N° 60 36 370 2 32000003 0451 523411

6. Consultation and acquisition of files

The file may be consulted during working hours at the Governor of North-West Region office in Bamenda or online using the address; www.marchespublics.cm, as soon as this notice is published.

7. The Acquisition of the Tender file

The file will be obtained online in the MINMAP/COLEPS platform www.publiccontracts.com as soon as this tender notice is published against payment of a non-refundable sum of **150,000 (one hundred and fifty Thousand) Francs CFA**, payable at the Public Treasury, representing the cost of purchasing the tender file.

8. Bid bond

Each bidder must include in his administrative documents, a bid bond in line with the prescription of Caisse des Depots et Consignations (CDEC) approved by the Ministry in charge of finance and whose list is found in this Consultation File, of an amount of **Three Million (3,000,000) francs CFA** and valid for thirty (30) days beyond the date of validity of bids.

9. Presentation of consultation file:

The bids prepared in English or in French shall be sent in three (03) volumes as follows:

- A) Containing the administrative documents (Volume 1);
- B) Containing the technical documents (Volume 2);
- C) Containing the financial documents (Volume 3);

The three (03) volumes shall then be enclosed in a folder bearing only the reference of the quotation in question. The different documents of each offer shall be numbered as indicated in the tender and separated by dividers of the same colour.

10. Submission of bids

Each offer drafted in English or French will be submitted online in the MINMAP/COLEPS platform www.publiccontracts.com not later than ____/____/2026 at 11 AM local time. A backup copy of the Tender saved in a USB key or a CD/DVD must be sent in a sealed envelope with a clear and legible indication "backup copy" within the time limit and should carry the inscription

"OPEN NATIONAL INVITATION TO TENDER

**N°...../ONIT/NWRTB/GOV-NW/2026 OF /..... /2026 FOR THE
CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER MENKA
LINKING THE MILE V JUNCTION AND THE ORPHANAGE MISPA IN
MENKA NKWEN, MEZAM DIVISION, NORTH WEST REGION**

"TO BE OPENED ONLY AT THE BID OPENING SESSION".

File size and format

The maximum size of the document that will be lotted on the COLEPS platform shall constituted of the bidders offer as:

- 5 MB for administrative offers

- 15 MB for Technical offers
- 5MB for financial

Supported format shall include

- PDF format for text document
- JPEG format for images

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

11.Tender Admissibility

For fear of being rejected, only originals or true copies certified by the issuing services or administrative authorities 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 declared inadmissible.

12.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 online in the MINMAP/COLEPS platform www.publiccontracts.com on the ____/____/2026 at 12 noon local time, in the conference hall of the regional Tenders' Board, by its competent Members. Only bidders may attend or be represented by duly mandated persons of their choice. The bids will be evaluated exclusively of value added tax (EVAT) and all taxes inclusive (ATTI) and accompanied by a signed model submission

13. Period of validity of Bids

Bidders shall remain bound by their bids for a period of 90 days from date of opening of the bids.

14. Execution Deadline

The maximum deadline provided for by the Delegated Contracting Authority shall be four (04)) months from the date of the notification of the service order to start work.

15. Evaluation criteria

The bids shall be evaluated according to the following criteria:

A: Eliminary criteria

- The absence insufficient of bid bond document in the administrative file;
- Non respect of forty-eight (48) hours given for absence or non-conformity of a document in the administrative file;
- Non respect of 70% of essential criteria;
- Deadline for execution more than that prescribed;
- False declaration or falsified documents;
- Omission in the financial document of quantified price in the bill of quantities
- Failure to provide a backup copy of offers saved in a USB key or a CD/DVD on time;
- Failure to comply with the format of file type and size for online submission;
- Failure to present a CDEC receipt or proof of deposit of the amount of the bid bond requested into the Deposit and Guarantee Fund.
- Failure to present a certificate of categorization or receipt of deposit of file for categorisation of the enterprise in the "Building Construction and General Equipment" sub-sector of activities

B: Essential criteria

- General presentation of the tender files;
- References of the company in similar works;
- Quality of the personnel;
- Technical organisation of works;
- Logistics;
- Financial capacity;
- Attestation and report of site visit
- Special Technical Clauses initialled on all the pages;
- Special Administrative Clauses completed and initialled on all the pages;
- Safety measures on the site.

The criteria for the qualification of bidders shall be as follows:

The details of essential criteria are given in the Special Tender Regulation (STR).

This evaluation will be done in a purely positive way (yes) or negative (no) with an acceptable minimum from at least 70% of the essential criteria taken in account.

16. Award

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 70% of the essential criteria.

17. Complementary Information;

Additional technical information may be obtained from the Regional Delegation of Public works Tel: +237 233 361 148

Bamenda, the _____
The Governor of the North West Region
(Delegated Contracting Authority)

Copies:

- RD MINTP/NW/B'DA
- RD MINMAP NW
- ARMP BAMENDA
- Chairperson of NWRTB
- Notice Board
- File/archive



AVIS D'APPEL D'OFFRE

NATIONAL OUVERT N° ____/AONO/GOUV/CPMNO/2026 DU ____/____ 2026 POUR LA CONSTRUCTION D'UN PONT DE 6ml SUR LA RIVIERE MENKA RELIANT LE CARREFOUR MILR V A L'ORPHELINAT MISPA, Y COMPRIS LA REABILITATION DU TRONCON DE ROUTE CARREFOUR MILE V A L'ORPHELINAT MISPA DANS LE QUARTIER DE MENKA NKWEN DIVISION DE LA MEZAM, RÉGION NORD-OUEST

1. Objet :

Dans le cadre de l'exercice Budgétaire 2026, le Gouverneur de la Région du Nord-Ouest, Autorité Contractante Délégué, lance un Appel d'Offres National Ouvert pour les Travaux De construction d'un pont de 6ml sur la rivière menka reliant le carrefour milr v a l'orphelinat mispa, y compris la reabilitation du troncon de route carrefour mile v a l'orphelinat mispa dans le quartier de menka nkwen division de la mezam, région nord-ouest.

2. Nature des travaux :

Les prestations, objet du présent appel d'offres, concernent :

- 1- Installation de chantier
- 2- Amené et repli du materiel
- 3- Scarification de la chaussée existante plus mise en forme
- 4- Deblai mis en depot
- 5- Couche de fondation en grave latéritique
- 6- Mise en forme
- 7- Creation de fossees
- 8- Caniveaux bétonnés en béton arme
- 9- Fourniture et mise en œuvre de buse en BA
- 10- Construction de dalot en béton arme 3x3
- 11- Construction de dalot en béton armé 2.5x2
- 12- Signalisation verticale
- 13- Toutes autres taches décrites dans le détail quantitatif.

3. Participation et origine

La Participation à cette consultation est ouverte aux entreprises de droit camerounais qui se seront conformés aux lois fiscales et ont une bonne expérience dans le domaine intéressé et categorise.

4. Allotissement

Les travaux sont regroupés dans un unique lot.

5. Coût prévisionnel

Le coût prévisionnel des travaux à l'issue des études préalables est de cent millions (100,000,000) Francs CFA TTC.

6. Financement

Les prestations, objet du présent Appel d'Offre est financé par le Budget d'Investissement Public du Ministère de Travaux Publics

7. Consultation et acquisition du dossier d'Appel d'Offres :

Le Dossier d'Appel d'Offres peut être consulté et obtenu aux heures ouvrables au Bureau du Gouverneur de la Région du Nord-Ouest ou en ligne à l'adresse : www.marchespublics.cm dès Publication du présent avis.

8. Acquisition du Dossier d'Appel d'Offres

Le dossier sera obtenu en ligne sur la Plateforme www.publiccontracts.com du MINMAP/COLEPS dès la publication du présent avis de marché contre paiement d'une somme non remboursable de **150,000 (Cent-Cinquante Mille) francs CFA**, payable au Trésor Public, représentant le coût d'achat du dossier d'appel d'offres.

9. Cautionnement Provisoire

Chaque soumissionnaire doit inclure dans ses documents administratifs, un cautionnement de soumission suivant la prescription de la CAISSE DES DEPOTS ET CONSIGNATIONS (CDEC) agréée par le Ministère en charge des finances et dont la liste se trouve dans le dossier de consultation, d'un montant de Trois Million (3,000,000) francs CFA et valable trente (30) jours au-delà de la date de validité des offres.

10. Remise des offres

La méthode de remise doit être en ligne et rédigée en français ou en anglais.

L'offre devra être déposée par le soumissionnaire sur la plateforme COLEPS au plus tard de le ____/____/2026 à 11 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 :

“ AVIS D'APPEL D'OFFRE

NATIONAL OUVERT N° ____/AONO/GOUV/CPMNO/2026 DU ____ / ____ 2026 POUR LA CONSTRUCTION D'UN PONT DE 6ML SUR LA RIVIÈRE MENKA RELIANT LE CARREFOUR MILR V A L'ORPHELINAT MISPA, Y COMPRIS LA REABILITATION DU TRONCON DE ROUTE CARREFOUR MILE V A L'ORPHELINAT MISPA DANS LE QUARTIER DE MENKA NKWEN DIVISION DE LA MEZAM, RÉGION NORD-UEST
« A N'OUVRIR QU'EN SEANCE DE DEPOUILLEMENT ».

Taille et format du fichier :

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

- 5Mo pour les offres administratives,
- 15Mo pour les offres Techniques,
- 5Mo 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. Présentation du dossier de consultation :

L'offre préparée en Anglais ou en Français devra être envoyée en trois (03) volumes comme suit :

- A) contenant les documents administratifs (Volume 1);
- B) contenant les documents techniques et financiers (Volume 2);
- C) contenant les documents financiers (Volume 3);

Les trois (03) volumes seront alors enfermés dans une seule enveloppe scellée portant uniquement la référence du devis en question. Les différents documents de chaque offre seront numérotés comme indiqué dans l'offre et séparés par des intercalaires de même couleur.

13. Ouverture des Offres

Les offres seront ouvertes en une seule phase. L'ouverture des documents administratifs, les offres techniques et financières auront lieu en ligne sur la plateforme www.publiccontracts.com du MINMAP/COLEPS le ____/____/2026 à 12 heures, heure locale, dans la salle des conférences du bureau désigné par le maître d'ouvrage, par la Commission Régionale des marchés de la région du Nord-Ouest. Seuls les soumissionnaires peuvent assister ou se faire représenter par des personnes dûment mandatées de leur choix.

14. Durée de validité des offres

Les Soumissionnaires resteront liés par leurs offres pour une période de 90 jours à compter de la date d'ouverture des offres.

15. Délai de réalisation des Prestations

Le délai d'exécution des prestations est fixé à quatre (04) mois maximum à compter de la date de notification de l'Ordre de Service de commencer l'exécution du présent marché.

16. Evaluation des offres

Les offres seront évaluées sur la base des critères ci-après :

A: critères Éliminatoires

- Absence ou insuffisance de la caution provisoire de soumission ;
- Non-respect du délai de 48 hrs pour non-conformité ou absence de document dans le dossier administratif.
- Délai d'exécution supérieur à celui prescrit (supérieur à quatre mois)
- Proposition de l'Offre Financière supérieure au montant de l'enveloppe ;
- Fausse déclaration ou documents falsifiés ;
- Le non-respect de 70% des critères essentiels

- Omission d'un prix quantifié dans le devis ;
- Défaut de se conformer au format du type de fichier et de la taille pour la soumission en ligne ;
- Défaut de présenter un reçu du CDEC ou une preuve de dépôt du montant de la caution de soumission exigée auprès du Fonds de dépôt et de garantie ;
- Défaut de présenter un certificat de catégorisation ou un reçu de dépôt du dossier de catégorisation de l'entreprise dans le sous-secteur d'activité « Bâtiment et équipement général ;

B: critères Essentiels

- Présentation Générale des dossiers d'Appel d'Offres ;
- Références de l'Entreprise ;
- Qualification du personnel d'encadrement ;
- Organisation technique des travaux;
- La logistique;
- La capacité financière;
- Attestation et rapport de visite du site,
- Les Clauses Techniques Particulières paraphées dans toutes les pages ;
- Les Clauses Administratives Particulières dûment remplies et paraphées dans toutes les pages ;
- Mesures de sécurité sur le site.

Les critères concernant la qualification du soumissionnaire seront les suivants :

Les détails des critères essentiels sont précisés dans le Règlement Particulier de l'Appel d'Offres (RPAO).

Cette évaluation sera faite sur une base purement positive (oui) ou négatif (aucun) avec un minimum acceptable d'au moins 70% des critères essentiels.

17. Attribution

Le contrat sera accordé au Soumissionnaire ayant proposé l'offre la moins distante et remplissant les capacités techniques et administratives conformément aux règlements d'Appel d'Offres et ayant satisfait à 100% les critères éliminatoires et au moins 70% les critères essentiels.

18. Renseignements complémentaires

Les renseignements techniques complémentaires peuvent être obtenus auprès de la Délégation Régionale de travaux publics du Nord-Ouest, Tel. +237 233 361 148.

.

Fait à Bamenda, le.....

**Le Gouverneur
(Autorité Contractant**

Délégué)

Ampliations :

- RD MINTP/NW/B'DA
- RD MINMAP NW
- ARMP ;
- Présidents CPM ;
- Affichage.
- Chrono/archive

Document N°2

**GENERAL REGULATIONS OF THE INVITATION TO
TENDER**

Table of contents

A. General

Article 1: Scope of the tender

Article 2: Financing

Article 3: Fraud and corruption

Article 4: Candidates admitted to compete

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

Article 6: Qualification of bidder

Article 7: Visit of site of works

B. Tender File

Article 8: Content of Tender File

Article 9: Clarifications on Tender File

Article 10: Modification of the Tender File

C. Preparation of Tenders

Article 11: Tender fee

Article 13: Constituent documents of the bid

Article 14: Amount of bid

Article 15: Currency of bid and payment

Article 16: Validity of bids

Article 17: Bid bond

Article 18: Varying proposals by bidders

Article 19: Preparatory meeting to the establishment of bids

Article 20: Form and signature of bids

D. Submission of bids

Article 21: Sealing and marking of bids

Article 22: Data and time-limit for submission of bids

Article 23: Out of time-limit bids

Article 24: Modification, substitution and withdrawal of bids

E. Opening of bids and evaluation of offers

Article 25: Opening of bids

Article 26: Confidential nature of the procedure

Article 27: Clarifications on the offer and contact with Contracting Authority

Article 28: Determination of their conformity

Article 29: Qualification of the bidder

Article 30: Correction of errors

Article 31: Conversion into a single currency

Article 32: Evaluation of financial offers

Article 33: National preference

F. Award of the contract

Article 34: Award

Article 35: Right of the Contracting Authority to declare an invitation to tender unsuccessful or to cancel a procedure

Article 36: Cancellation of invitation to tender or declared unsuccessful

Article 37: Notification of the award of the contract

Article 38: Signature of the contract

Article 39: Final bond.

GENERAL RULES OF THE INVITATION TO TENDER

A. General

Article 1: Scope of the tender

1.1 The Delegated Contracting Authority as defined in the Special Regulations of the invitation to tender hereinafter referred to as “Delegated Contracting Authority” hereby launches an open national invitation to tender

1.2 n°...../onit/nwrtb/gov-nw/2026 of /..... /2026 for the construction of a bridge of span 6m over river menka linking the mile v junction and the Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region as described in the Tender File and briefly described in the Special Regulations.

The name and identification number which form the subject of the invitation to tender features in the Special Regulations of the invitation to tender.

Here in after reference is made to it under the term “works”.

1.3 The retained bidder or the successful bidder must complete the works within the time-limit indicated in the Special Regulations and which time-limit runs from the date of notification of a service order to start work.

1.4 In this Tender File, the terms “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 Delegated Contracting Authority requires from bidders and contractors the strict respect of rules and professional ethics during the award and execution of public contracts. By virtue of this principle, the Delegated Contracting Authority:

a) defines, within the context of this clause, the following expressions in the following manner:

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 warps or distorts facts in order to influence the award or execution of a contract;

iii) “Collusive practices” mean any form of agreement between two or among several bidders (whether the Delegated Contracting Authority is aware or not) aimed at artificially maintaining the prices of offers at levels not corresponding with those which will result from the forces of competition;

iv) And “coercive practices” 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) Will reject any award proposal if it determines that the proposed successful bidder is directly or through the intermediary of an agent, guilty of corruption or is involved in fraudulent manoeuvres, collusive or coercive practices for the award of this contract.

Article 4: Candidates allowed compete

4.1 If the invitation to tender is restricted, consultation is addressed to all candidates retained after a pre-qualification procedure.

4.2 Generally, the invitation to tender is addressed to all suppliers, 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.

A bidder shall be judged to be in a situation of conflict of interest if he:

i) is associated 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 offer within the context of invitation to tender, except authorised variants according to article 18, where need be; meanwhile, this does not prevent the participation of sub-contractors in more than one offer.

(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
- (iii)** Not under the direct supervisory authority of the Delegated Contracting Authority.

Article 5: Building 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, 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 offer, bidders must:

- (a)** submit a power of attorney making the signatory of the offer bound by the offer; and
- (b)** Update the information included in their request for pre-qualification which may have changed (or provide this information, in case of open invitation to tender).

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

- (i) Access to a credit line or availability of other sources of funding; considering the scope of the services, the production of recent balance sheets and turnovers may be required;
- (ii) Orders acquired and contracts awarded;
- (iii) Pending litigations; and
- (iv) Availability of essential equipment.

6.2 Bids presented by two or more associated undertakings (joint-contracting) must satisfy the following conditions:

- (a) The offer must include all the information listed in article 6(1) above;
- (b) The offer 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 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 Delegated Contracting Authority with regards 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 Delegated Contracting Authority into a single account; on the other hand, each undertaking is paid in its own account by the Delegated Contracting Authority where it is several co-contracting.

6.3 Bidders must equally present sufficiently detailed proposals to demonstrate that they conform to the technical specifications and delivery time-limits set in the Special Regulations of the invitation to tender.

Article 7: Site visit

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

7.2 The Delegated Contracting Authority 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 Delegated Contracting Authority, 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 of material damages, costs and fees incurred from this visit.

7.3 The Delegated Contracting Authority may organise a visit of the site of works during the preparatory meeting to establishing the offers 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 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:

- a. The letter of invitation to tender (for restricted invitation to tender);**
- b. The tender notice;**
- c. The General Regulations of the invitation to tender;**
- d. The Special Regulations of the invitation to tender;**
- e. The Special Administrative Conditions;**
- f. The Special Technical Conditions;**
- g. The price schedule;**
- h. The bill of quantities and estimates;**
- i. The sub details of prices;**
- j. Model tender letter;**
- k. Model bid bond;**
- l. Model of bank guarantee in replacement of the retention fund;**
- m. Model contract;**
- n. List of banking establishments and financial bodies approved by the Ministry in charge of finance authorised to issue bonds.**
- o. Drawings**

8.2 The bidder must examine all the rules, forms, conditions and specifications contained in the Tender File. It is up to him to furnish all the information requested and prepare an offer in conformity with all aspects of the said file. Any inadequacy may lead to a rejection of his offer.

Article 9: Clarifications on the Tender File

9.1 Any bidder who wants to obtain clarifications on the Tender File may request them from the Governor of the North West Region Room No address indicated in the Special Regulations of the invitation to tender. The Governor of the North West Region Room No replies in writing to any request for clarification received at least fourteen (14) days prior to the deadline for the submission of offers.

A copy of the Authority's in Charge of Public Contracts 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 launch a complaint to, Governor of the North West Region Room No.

9.3 The complaint must be addressed to the Delegated Contracting Authority or the chairperson of the Tenders Board.

It must reach the Delegated Contracting Authority not later than fourteen (14) days before the opening of bids.

9.4 The Delegated Contracting Authority has five (5) days to react. A copy of the reaction shall be forwarded to the body in charge of the regulation of public contracts.

Article 10: Amendment of the Tender File

10.1 The Delegated Contracting Authority may at any moment, prior to the deadline for the submission of offers 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 to all bidders who bought the Tender File. The latter must acknowledge receipt of the addenda in writing to the Delegated Contracting Authority.

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

C Preparation of offers

Article 11: Tender costs

The bidder shall bear the costs related to the preparation and presentation of its offer and the Delegated Contracting Authority 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 offer

The offer as well as any correspondence and all documents concerning the offer exchanged between the bidder and the Delegated 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 offer is included; in which case for reasons of interpretation, the translation shall be considered to be authentic.

Article 13: Constituent documents of the offer

13.1 The offer 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;
- 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 offer to commit the bidder, in accordance with the provisions of article 6(1) the General Regulations of invitation to tender.

b. Volume 2: Technical offer

b.1 Information on qualifications

The Special Conditions list the documents to be furnished by bidders to justify the qualification criteria mentioned in article 6(1) of the Special Conditions of the invitation to tender.

b.2 Methodology

The Special Conditions of the invitation to tender specifies the constituent elements of the technical offer of bidders especially: a methodological statement on an analysis of works and specifying the organisation and programme which the bidder intends to put in place or use to execute the works (installations, schedule, PAQ, 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 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 offer

The Special Conditions specifies the elements that will help in justifying the cost of works, namely:

1. The signed and dated original offer prepared according to the attached model, and 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 to be.

In this regard, the bidders will use the documents and models provided in the Tender File, subject to the provisions of article 17(1) of the General Regulations of the invitation to tender concerning the other possible forms of guarantees.

Article 14: Offer 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 offers, shall be included in the prices and in the total amount of the offer presented by the bidder.

14.4 If a price revision/updating clause are 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 a price revision.

14.5 All unit prices must be justified by sub-details established in accordance with the structure proposed in & Document N°. 8.

Article 15: Currency of offer and payment

15.1 In case of international invitations to tender, the currencies of the offer 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 offer shall be entirely made in the national currency (CFA franc).

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

- a) Prices shall be entirely drawn in CFA francs. The bidder who intends to commit expenditures in other currencies for the realisation of the works shall indicate in the annex to the tender the percentage(s) of the amount of the 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 of the foreign currency in CFA francs used by the bidder to convert his offer into national currency shall be specified by him in an annex to the offer. This rate shall be applied to 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 offer 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 works which the bidder intends to procure in the Delegated Contracting Authority's country shall be in currency of the Delegated Contracting Authority's country as specified in the Special Regulations and called "national currency";
- b) The prices of inputs necessary for works which bidder intends to procure out of the Delegated 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 Delegated 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 in common accord between the Delegated Contracting Authority

and the contractor in a way as to take account of any modification in the foreign currency needs within the context of the contract.

15.6 For national invitations to tender, the currency shall be the CFA franc.

Article 16: Validity of offers

16.1 Offers must remain valid during the period stated in the Special Regulations from the date of submission of bids fixed by the Delegated Contracting Authority, in application of article 22 of the Special Regulations. An offer valid for a shorter period shall be rejected by the Delegated Contracting Authority as not being in conformity.

16.2 Under exceptional circumstances, the Delegated 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 offer without losing his bid bond. A bidder who consents to an extension shall not be asked to modify his offer 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 offers is extended for more than sixty (60) days, the amounts payable to the bidder retained shall be updated by application of the formula featuring in the request for extension that the Delegated Contracting Authority addressed to bidders. The updating period shall run from 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.

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 offer.

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 Delegated Contracting Authority. The bid bond will remain valid for ninety (90) days beyond the original date set for the validity of offers or any other validity time-limit requested by the Delegated Contracting Authority and accepted by the bidder, in accordance with the provisions of article 16 (2) of the General Regulations.

17.3 Any offer 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 offer 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 offer during the period of validity;

b) If the retained bidder:

- i) fails in his obligation to register the contract in application of article 37 of the General Regulations;**
- ii) Fails in his obligation to furnish the required final bond in application of article 38 of the General Regulations.**

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. Offers 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 Delegated Contracting Authority as described in the Tender File and furnish in addition all the information which the Delegated 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 Delegated Contracting Authority will examine only the technical variants of the bidder offer conforming to the basic solution that 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 according to 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 offers

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 writing or by telex in a way as to reach the Delegated Contracting Authority at least one week before the meeting. The Delegated Contracting Authority may not reply to questions received 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 Delegated 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 offers shall not be a reason for disqualification.

Article 20: Form and signature of offer

- 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”**.
- 20.2** The original and copies of the offer 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 offer containing alterations or changes must be initialled by the signatory(ies) of the offer.
- 20.3** The offer shall be bearing no modification, suppression or alteration unless such corrections are initialled by the signatory(ies) of the offer.

d. Submission of offers

Article 21: submission is online

Article 22: Date and time-limit for submission of offers

- 22.1** The offers must be received by the Delegated 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 Delegated Contracting Authority may, at his discretion, postpone the deadline set for the submission of the offers 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 Delegated Contracting Authority and bidders previously governed by the initial date will henceforth be governed by the new date.

Article 23: Late offers

Any offer received by the Regional Tenders Board beyond the deadline for the submission of offers in accordance with article 22 of the General Regulations shall be declared late and consequently rejected.

Article 24: Modification, substitution and withdrawal of offers

- 24.1** A bidder may modify or withdraw his offer after submitting it, on condition that the written notification of the modification or withdrawal is received by the Delegated Contracting Authority prior to the end of the time-limit prescribed for the submission of the offers. 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 offer must be attached to the written notification. As the case may be, the envelopes must bear the inscription **“WITHDRAWAL”**, and **“REPLACEMENT OFFER”** or **“MODIFICATION”**.
- 24.2** The notification of modification or withdrawal should be prepared, sealed, marked and forwarded in accordance with the provisions of article 21 of the General Regulations. The 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 offers.

24.3 Offers being requested to be withdrawn in application of article 24(1) shall be returned unopened.

24.4 No offer may be withdrawn during the interval between the submission of offers and the expiry of the validity of offers specified by the model tender. The withdrawal of an offer 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 offers

Article 25: Opening of envelopes and petitions

25.1 The Regional Tenders Board shall open the envelopes in single phase 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 offer 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 offer" are opened and announced to the hearing of everyone and the new corresponding offer substituted for the preceding one which will be sent to the bidder concerned unopened. The replacement of the offer 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 offer. The modification of the offer 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 offers 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 offers*] and any variant, where necessary, the existence of a guarantee of the offer if it is required and any other details which the Delegated Contracting Authority deems useful to be mentioned. Only rebates and variants of offers announced to the hearing of everyone during the opening of bids shall be submitted for evaluation.

25.4 Offers (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 offers, 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 In case of petition as provided for by the Public Contracts Code, it should be addressed to the Public Contracts Authority with copies being sent to the body in charge of the regulation of public contracts, the Delegated Contracting Authority.

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: Confidentiality of the procedure

26.1: No information relating to the examination, clarification, evaluation and comparison of offers and verification of the qualification of the bidders and the recommendation for the award shall be given to bidders or to any person concerned with the said procedure before the announcement of the award.

26.2 Any attempt by a bidder to influence the Evaluation sub-committee of bids or the Delegated Contracting Authority in his award decision may cause the rejection of his offer.

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

Article 27: Clarifications on the offers and contact with the Delegated Contracting Authority

27.1 To ease the examination, evaluation and comparison of offers, the chairperson of the Tenders Board may, if he desires, request any bidder to give clarifications on his offer. This request for clarification and the response given are formulated in writing but no change on the amount or content of the offer 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 29 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 offers, between the opening of envelopes and the award of the contract.

Article 28: Determination of Conformity of offers

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

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

28.3 An offer that conforms to the Tender File shall essentially be an offer 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 and is not in conformity with the Tender File, the rights of the Delegated Contracting Authority or the obligations of the bidder in relation to the contract; or
- iii) Whose correction would unjustly affect the competitiveness of the other bidders who presented offers that essentially conformed to the Tender File

28.4 If an offer is essentially not in conformity it shall be rejected by the competent Tenders Board and shall not eventually be rendered in conformity.

28.5 The Delegated 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 offers.

Article 29: Qualification of the bidder

The Evaluation sub-committee shall ensure that the successful bidder because having an offer substantially in conformity 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 offers considered essentially in conformity 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 offer 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 lowest bid refuses the correction thus carried out, his offer 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 offers, the Evaluation sub-committee shall convert the prices of offers expressed in various currencies into those in which the offer 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 of financial offers

32.1 Only offers considered as being in conformity, 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 offers, the Evaluation Sub-committee shall determine for each offer the evaluated amount of the offer 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 the unforeseen occurrences featuring in the bill of quantities and estimates but by adding the amount of works done under State supervision where they are cost 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 the Special Regulations and the Technical Specifications, the proposed technical variants, if they are permitted, shall be evaluated according to their own merit and independently of the fact that the bidder offered or not a price for the technical solution specified by the Delegated 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 offers.

The Delegated Contracting Authority reserves the right to accept or reject any modification, difference or reservation. The modifications, differences, variants or other factors which exceed the requirements of the tender file are not taken into account during the evaluation of offers.

32.4 If the offer judged the lowest bid is considered abnormally low or strongly unbalanced in relation to the estimates of the Delegated Contracting Authority, the Evaluation sub-committee 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 to it, the Delegated Contracting Authority may reject the offer.

Article 33: Preference granted to local and national bidders

If this provision is mentioned in the Special Regulations, local and national contractors may benefit from a margin of national preference during the evaluation of offers as provided for in the Public Contracts Code.

F. Award of the contract

Article 34: Award

34.1 The Delegated Contracting Authority shall award the contract to the bidder whose offer was judged essentially in conformity with the Tender File and who has the required technical and financial capacities to execute the contract satisfactorily and whose offer 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 offer 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, as well as their financial situation at the time of award.

Article 35: The right by the Delegated Contracting Authority to declare an invitation to tender unsuccessful or cancel a procedure

The Delegated Contracting Authority reserves the right to cancel a procedure of invitation to tender after the authorisation of the Minister of Public Contracts where the offers 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 the award of the contract

Before the expiry of the validity of the offers set in the Special Regulations, the Delegated Contracting Authority shall notify the successful bidder by telecopy confirmed by registered mail or by any other means that his offer was retained. This letter will indicate the amount the Delegated Contracting Authority 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 Delegated 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 offers.

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

37.3 After publication of the award results, offers 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 Delegated Contracting Authority and the chairperson of the Tenders Board.

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 and the competent Specialised Contracts Control Board, where need may be for approval.

38.2 The Delegated Contracting Authority has a deadline of seven (7) days to sign the contract from the date of reception of the draft contract approved by the competent Tenders Board and subscribed by the successful bidder.

38.3 The contract must be notified to the holder within five (5) days of its date of signature.

Article 39: Final Bond

39.1 Within twenty (20) days of the notification by the Delegated Contracting Authority, the contractor shall furnish the Delegated Contracting Authority with a final bond, in the form stipulated in the Special Regulations, in accordance with the model provided in the Tender File.

39.2 The bond whose rate varies between 2 and 5 percent of the amount of the contract may be replaced by a guarantee from a banking establishment approved according to the instruments in force with the Contracting Authority 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

ARTICLE 1: DEFINITION OF WORKS

The present invitation to tender has as subject, the construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region

ARTICLE 2: FINANCING

The works subject of the present invitation to tender will be financed by the BIP MINTP 2026

ARTICLE 3: DEADLINE FOR THE EXECUTION OF WORKS

The maximum delay of execution of works is fixed at Four (04) months.

ARTICLE 4: CONDITIONS OF PARTICIPATION

The Participation to the present invitation to tender is open to all enterprises and/or groupings of enterprises of public works installed in Cameroon.

ARTICLE 5: RESPECT OF THE CONDITIONS OF INVITATION TO TENDER

All tender no-compliant to provision of the present invitation to tender will be declared prohibited. The tender should be deposit at the place, date and hour indicated in the tender notice against receipt of deposit. All tender delayed at one hour or one ulterior date will be refused merely.

All documents submitted by the bidder to some title that it is, in application of the present invitation to tender will be exclusively established in French or English language, while using the metric system and while expressing all prices in currency CFA franc for the assessment of tenders.

After the deposit of its tender, the bidder cannot withdraw it, nor to modify it or to correct it for some reason that it is. This condition is as much valid before as after the expiration of the submission deadline of tenders.

ARTICLE 6: CONSTITUENT PARTS OF THE TENDER FILE

The documents being part of the present call of offers are composed as follows:

- Document N° 0 - Open National Invitation to Tender - ONIT (AAO);**
- Document N° 1 General Regulations of the Invitation to Tender - GRIT (RGAO);**
- Document N° 2 - Special Regulations of the Invitation to Tender - SRIT (RPAO);**
- Document N° 3 - Special Administrative Provisions Logbook - SAPL (CCAP);**
- Document N° 4 - Special Technical Provisions Logbook - STPL (CCTP);**
- Document N° 5 - Setting of the Mail Enclosure for Unit Prices - MUP (BPU);**
- Document N° 6 - Descriptive estimates;**
- Document N° 7 - Setting of the estimate detail;**
- Document N° 8 - Setting of the Sub-detail of Prices;**
- Document N° 9 - Models Documents:**
 - 9.1: Model of Tender;**
 - 9.2: Model of Bid Bond;**
 - 9.3: Definitive Security Bond Model;**
 - 9.4: Model of banking guarantee of refund of preparatory advance;**
 - 9.5: Model of bond of restraint of guaranty;**
 - 9.6: Model of Contract;**
 - 9.7: Model of Power of Attorney;**
 - 9.8: Model of Joint venture agreement;**
 - 9.9: model of Location;**

9.10: model calculation of the majority's coefficient.

Document N° 10 - Annex:

10.1: Model of general information Notebook concerning the bidder;

10.2: Setting of the list of materials (Machines and equipment) that the bidder intends to use for the execution of works;

10.3: List of the staff that the bidder intends to use for the execution of works;

10.4: Setting of the program of execution of works;

10.5: Attestation of site visit;

Document N° 11: Grid of Tenders analysis;

Document N° 12: Banking establishment list and financial organisms allowed giving out bonds in the setting of public's contracts;

Document N° 13: Plans

ARTICLE 7: ENLIGHTENMENTS AND MODIFICATIONS TO DOCUMENTS OF THE TENDER FILE

The bidders can request for information concerning the documents of the Invitation to Tender. If the case arises, they should refer by writing to the Delegated Contracting Authority, in view of to get the wished precisions, before the deposit of their Tenders. The Delegated Contracting Authority will have to answer in writing before the fourteen (14) day that precedes the deadline of the deposit of the Tenders.

No answer will be given to unwritten questions and all interpretation by a bidder of the documents of Invitation to Tender not have been subject of an addendum will be merely rejected and will not be able to imply the responsibility of the administration.

Addendums to the Tender file could also be brought by the Delegated Contracting Authority, in order to make more comprehensible the documents of the Invitation to Tender or to bring technical modifications or other documents of the Invitation to Tender. These addendums will be part of the Tender file and will be communicated by mail, telex, fax or e-mail to all purchasers of the file who will acknowledge receipt of it by the same ways. The Delegated Contracting Authority will have to, as much as possible, to report the date of deposit of tenders to take in account of the aforesaid addendums.

ARTICLE 8: ESTABLISHMENT OF THE BID

The establishment of the prices by the bidder is reputed have been made on the basis of the perfect knowledge of rules, dues and taxes in force in Republic of Cameroon and applicable to Public Contracts.

The amount of the tender will dispose the amount without taxes, the amount of the value-added tax, and the amount all taxes includes in CFA francs.

The bidder should fill in letters and in numbers, the prices of the mail enclosure of the unit prices, carry them in the setting of the estimate detail and multiply them by the indicated quantities, in order to get the total amount of its tender. In case of conflict between the prices in letters and those in numbers, the first will be those to consider and will act as basis to the calculation of the amount of the tender, unless this amount is bound to an arithmetic mistake in the sub-detail of prices, in that case the amount in numbers will prevail.

Upon dismissal, the mail enclosure of the unit prices should be inevitably complete. The possible mistakes of calculation will be straightened by the subcommittee in charge of analysis of tenders and the amount will be reviewed, if necessary, without it leading to some complaints by the bidder.

ARTICLE 9: PRESENTATION OF BIDS

The bids prepared in English or in French shall be sent in three (03) volumes as follows:

- A) Containing the administrative documents (Volume 1);
- B) Containing the technical documents (Volume 2);
- C) Containing the financial documents (Volume 3);

The three (03) volumes shall then be enclosed in a folder bearing only the reference of the quotation in question. The different documents of each offer shall be numbered as indicated in the tender and separated by dividers of the same colour, **bearing the mention:**

« OPEN NATIONAL INVITATION TO TENDER

N°...../ONIT/NWRTB/GOV-NW/2026 OF /..... /2026 FOR THE CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER MENKA LINKING THE MILE V JUNCTION AND THE ORPHANAGE MISPA IN MENKA NKWEN, MEZAM DIVISION, NORTH WEST REGION

“TO BE OPENED ONLY DURING BID OPENING SESSION”.

9.1 Administrative Documents (Volume 1)

It is about the furnishing subsequent documents dated for not more than three (03) months:

DOCUMENT N°	DESCRIPTION
A.1	Declaration of intention to tender stamped with the tariff in force (written by the bidder).
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 or by a foreign bank the first order not more than three months.
A.5	Purchase receipt of Tender File issued by public treasury
A.6	A bid bond of 3,000,000 FCFA (Three Million FCFA) issued by a first rate-bank approved by the Ministry in charge of Finance in conformity with COBA conditions and a CDEC receipt or proof of deposit of the amount of the bid bond requested into the Deposit and Guarantee Fund.
A.7	An attestation of non-exclusion from Public Contracts issued by the Public Contract 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	Certified Copy of a valid taxpayer's card, delivered by the chief of center of Taxes.
A.11	A certified copy by MINMAP of the Certificate of categorization or receipt of deposit of file for categorization of the enterprise in the “Building and General Equipment” sub Sector of activities
A.12	An original of CDEC Receipt of payment and a proof of the bank transfer
A.13	Plan and attestation of location of the Company signed by the Chief of Taxation
A.14	Power of attorney if necessary
A.15	Group agreement where applicable
A.16	Special Administrative Clauses completed and initialed on all the pages, signed, dated and Stamped on the last page.
A.17	The Special Regulation Condition for Tender initialed on every page;

9.2. Technical bid (volume 2)

It will bear the quoted documents below and placed in the following order:

N° ORDER	DESIGNATION	DETAILS	JUSTIFICATION
B.0	- Attestation of Site Visit - Site Visit Report	Following model in appendix	Date, Signature and stamps of the bidder
B1	Similar work reference	To indicate the similar work list achieved during the last 5 years	Attach the first and last pages of the contracts recorded, attached with the minutes of temporary or definitive reception of the aforesaid contracts or attestation of good end.
B2	List of equipment and Tools	In accordance with the appendix 10.2 To indicate the list of the working materials and other motorised materials;	Attach legalised photocopies of the registration document (carte grise) duly signed by the competent services of the Ministry of the Transport or the Hiring Agreement for equipment to be hired and the Purchase receipt or invoice for the rest of the tools.
B3	List of personnel	In accordance with the appendix 10.3 To indicate the Monitoring staff.	Attach curriculum vitae duly dated and signed, certified photocopies of the diploma duly legalised by the competent administrative authority, attestation of availability duly dated and signed, and all must have had at least five years of general experience in the domain.
B4	Technical proposals and of planning works	In accordance with the appendix 10.4 - Define the methodology and planning of work; - Indicate the measures proposed for the security and the preservation of the health of the workers in site	Initialled on every page, dated and signed.
B5	Special Technical Conditions Logbook	To insert the CCTP includes in the present tender file	Initials on every page, date, signature and stamps of the bidder at the end of the document.
B6	Attestation of solvency	To indicate the amount of the capacity of pre-	Date, stamps and signature of the issuing bank, recognised by the MINFI.

N° ORDER	DESIGNATION	DETAILS	JUSTIFICATION
		financing of the bidder.	

9.3 Financial Bid (volume 3)

It should contain the quoted documents below and should place in the following order:

N° ORDER	DESIGNATION	DETAILS	AUTHENTICATION
C1	Bid	Attached Model duly completed with indication of the amount of the proposal	- Date, signature, name and stamp of the bidder. - Fiscal stamp at the rate in force.
C2	Mail enclosure slip of the Prices	Original of the setting duly completed in letters and in numbers by the bidder	Initials on every page, date, signature and stamp of the bidder at the end of the slip.
C3	Bill of Quantities and Cost Estimate	Original of the setting duly completed by the bidder	Initials on every page, date, signature and stamp of the bidder.
C4	Sub-detail of the Prices unit	Details of every price unit following the rules in force and according to the model joins to the tender file	Initials on every page, date, signature and stamp of the bidder.

All bids non-accompanied above by the documents and which do not comply to the required models shall be rejected.

ARTICLE 10: SECURITY BOND

Every bidder shall attach to its administrative documents, a security bond delivered by a first-class banking establishment recognised by Ministry of Finance, Three **million (3,000,000) Francs CFA**. Only the original of the security bond shall be admitted.

The security bond shall be released after ninety (90) days after the validity deadline of the tenders for the bidders not having been retained and at the request of the bidder. For the retained bidder, the security bond shall only be released after constitution of the final bond.

The temporary security bond shall be valid for One Hundred and Twenty (120) days taking effect from date of deposit of tenders.

Fifteen (15) days after declaration of the retained bidder, the Delegated Contracting Authority will restore the security bond to each of the bidders whose offers shall not have been retained, and not more than ninety (90) days after expiration of their validity deadline. For the retained bidder, the bid security bond will remain valid until the final bond is submitted.

The bid bond could be seized if the retained enterprise doesn't sign the Contract or don not submit the final bond within the time limit.

ARTICLE 11: DEPOSIT OF THE BIDS

Each offer drafted in English or French will be submitted online in the MINMAP/COLEPS platform www.publiccontracts.com not later than ____/____/2026 at 11 AM local time. A backup copy of the Tender saved in a USB key or a CD/DVD must be sent in a sealed envelope with a clear and legible indication “backup copy” within the time limit and should carry the inscription

“OPEN NATIONAL INVITATION TO TENDER

N°...../ONIT/NWRTB/GOV-NW/2026 OF /..... /2026 FOR THE CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER MENKA LINKING THE MILE V JUNCTION AND THE ORPHANAGE MISPA IN MENKA NKWEN, MEZAM DIVISION, NORTH WEST REGION “TO BE OPENED ONLY AT THE BID OPENING SESSION”.

File size and format

The maximum size of the document that will be lotted on the COLEPS platform shall constituted of the bidders offer as:

- 5 MB for administrative offers
- 15 MB for Technical offers
- 5MB for financial

Supported format shall include

- PDF format for text document
- JPEG format for images

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

ARTICLE 12: VALIDITY DEADLINE OF BIDS

The length of validity of the bids is of ninety (90) days as from date of deposit of tenders.

ARTICLE 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 online in the MINMAP/COLEPS platform www.publiccontracts.com on the ____/____/2026 at 12 noon local time, in the conference hall of the regional Tenders’ Board, by its competent Members. Only bidders may attend or be represented by duly mandated persons of their choice.

ARTICLE 14-ASSESSMENT OF THE BIDS

The bids shall be assessed following the criteria define below.

14.1: Eliminary criteria

- a. The absence insufficient of bid bond document in the administrative file;
- b. Non respect of forty-eight (48) hours given for absence or non-conformity of a document in the administrative file;
- c. Non respect of 70% of essential criteria;
- d. Deadline for execution more than that prescribed;

- e. False declaration or falsified documents;
- f. Omission in the financial document of quantified price in the bill of quantities
- g. Failure to provide a backup copy of offers saved in a USB key or a CD/DVD on time;
- h. Failure to comply with the format of file type and size for online submission;
- i. Failure to present a CDEC receipt or proof of deposit of the amount of the bid bond requested into the Deposit and Guarantee Fund.
- j. Failure to present a certificate of categorization or receipt of deposit of file for categorisation of the enterprise in the "Building Construction and General Equipment" sub-sector of activities

B Incomplete technical file absence:

- b1) of the attestation of site visit duly signed on honour;**
- b2) of the methodological Note (organisation, planning and mastering of the project);**
- b3) of a work's director, Civil Engineer having minimum of BSC in civil engineer and with at least five years of experience, and having proof of having managed at least ten (10) similar projects in the domain;**
for the work's director and all Civil Engineer or Higher Technician of Civil Engineering proposed as monitoring staff;
- b4) proof to have during the last five years carried out a similar work of an amount superior or equal to One Hundred and fifty Million (150 000 000) of FCFA;**

Non justification of being in possession of or of hiring of the following minimum equipment:

S/N	Description/Type of equipment	Minimum Number	State
01	Front Wheel Loaders	02	
02	Motor Grader	02	
03	Excavators	02	
04	Double Cylinder Compactors	02	
05	Concrete plant	01	
06	Concrete vibrators	02	
07	Hand Compactors	02	
08	Tipper trucks Bernne	02	
09	Water tankers	01	

- k. Omission in the financial tender of a quantified unit price.**
- l. Not to have satisfied to at least 29 points of the essential criteria.**

14.2: Essential Criteria

The technical tender will be valued according to the following notation grid:

- A - References 03 points
 B - Key Staff 15 points
 C - Equipment21 points
 D - Financial Capacity..... 02pointts

The detail of the grid is as followed:

N°	CRITERIA	NOTATION (YES/NO)		
A	REFERENCES	Years		
1	Number of projects achieved in the domain of Public Works with the minimal amount of two (150) million Francs - (the references will be justified by the first and last pages of the contracts together with the pertaining minutes of the reception or attestation of good end) for the last five years	Sup or Equal to 5		
2	Number of projects of road works executed with a minimal amount of 200 million Francs (the references will be justified by the first and last pages of the contracts together with the pertaining minutes of the reception or attestation of good end) during the last five years	Sup or Equal to 5		
3	Number of projects of urban roads network executed with minimum amount of (250) million (the references will be justified by the first and last pages of the contracts together with the pertaining minutes of the reception or attestation of good end) during the last five years	Sup or Equal to 5		
B	SUPERVISORY PERSONAL	Years		
B1	Chief of works			
4	A Civil Engineer	YES/NO		
5	Experience in roads and bridges works	Sup or equal to 7 years		
6	Number of projects supervised as work's director	Sup or equal to 7		
B2	Surveyor			
7	at least with a least qualification of Higher technician (TST)	YES/NO		
8	Experience in road surveys	Sup or equal to 5		
9	Number of projects surveyed as a surveyor	Sup or equal to 3		
B3	Assistant work's director			
10	at least with a basic qualification of Higher technician (TSGC)	YES/NO		
11	Experience in public works	Sup or equal to 5 years		
12	Number of projects as site supervisor	Sup or equal to 3		
B4	Topographer			
13	at least with a basic qualification of Higher technician (TSGC)	YES/NO		
14	Experience in roads Construction	Sup or equal to 5 years		
15	Number of projects as Topographer	Sup or equal to 3		

N°	CRITERIA	NOTATION (YES/NO)		
B5	Geotechnician			
16	at least with a basic qualification of Higher technician (TSGC)	YES/NO		
17	Experience in public works	Sup or equal to 5 years		
18	Number of projects as Geotechnician	Sup or equal to 3		
C	EQUIPMENT			
	Motorised equipment (estimated on the basis of the presentation of legalised photocopies by the competent services of the Ministry of Transport or attestation of leasing, with custody justification and the legalised bills for the rest of the material. In case of renting, to join a copy of the renting contract. These documents must date for not more than three months)			
19	02 trucks (bennes) of capacity $\geq 15\text{m}^3$	YES/NO		
20	02 Water Tankers	YES/NO		
21	01 Double cylinder Compactor	YES/NO		
22	01 Concrete plant	YES/NO		
23	Excavator	YES/NO		
24	Front-end wheel loader	YES/NO		
25	Motor graders	YES/NO		
26	Vibrator	YES/NO		
27	Hand compactor	YES/NO		
28	Sufficient small tools: Shovels, wheelbarrows, Pickaxes, etc....	YES/NO		
	FINANCIAL CAPACITY			
29	Balance sheet certified by a Chartered Accountant for the last five years	Sup or equal to 100 million		
30	Attestation of pre-financing capacity of works (attestation of solvency delivered by a recognised bank)	Sup or equal to 80 million		

A technical Bid will be judged acceptable when it will have, to the term of the analysis, gotten at least 23 positive points of the essential criteria. All tenders that shall not meet these conditions shall not be admitted for financial assessment.

14.3: Financial bid assessment

The tender board will verify if the financial bids are in compliance and complete. It shall besides, proceed to the verification of calculations operations and the pertaining possible mistakes.

The financial bids of bidders shall be verified and subsequently rectified on the following bases:

- a. If there is contradiction between the unit price and the total price gotten while multiplying the unit price by the quantities, the unit price will make faith and the total price will be corrected, unless, upon the opinion of the subcommittee in charge of analysis of tenders, the comma of the decimals of the unit price is obviously badly placed, to which presses the indicated total price will prevail and the unit price will be corrected;
- b. If the total obtained by addition or subtraction of sub- totals is not accurate, the sub- totals will make faith and the total will be corrected;
- c. If there is contradiction between the price indicated in letters and in numbers, the amount in letters will make faith, unless this amount is bound to an arithmetic mistake confirmed by the sub-detail of the aforesaid price, to which presses the amount in numbers will prevail subject to the paragraphs (a) and (b) above.
- d. In case of omission of a unit price quantified in the bid, this bid will be merely disqualified.

ARTICLE 15- ATTRIBUTION OF THE BID

The Contract will be assigned to the bidder presenting the least saying offer and satisfying the requisite technical and administrative capacities.

ARTICLE 16-VERIFICATION OF BIDS

16-1 the administration reserves a necessary time for the verification of the tenders and to make its selection. It will possibly rectify, as indicated to the article 14. If the provisional retained bidder doesn't accept this correction, its offer will be rejected and its bid bond could be seized in this case.

16-2 on the request of the President of Delegated Contracting Authority, the bidder should provide in writing, in the seven calendar (07) days following the request all necessary information to the examination of its bid or concerning the omissions or mistakes raised on.

ARTICLE 17-PROCEDURE OF CONSTITUTION OF CONTRACT

The contract resulting from the present call for invitation to tender will be prepared, approved and executed in accordance with provision of the decrees N°2004/275S of 24th September 2004 bearing Public Contract Code.

The retained entrepreneur will receive notification to his official address or by way of press. In the case where the retained contractor won't have fulfilled his liabilities, the administration reserves the right to cancel the contract without the contractor having the possibility for a last resort.

Once the contract is approved and signed, the beneficiary receives notification of it. Het must in the twenty (20) days that follow, to produce its definitive security bond (according to the model joins in appendix) and to proceed to its registration according to the procedures and duties in force.

The retained contractor, after signature of the contract and in accordance with its conditions will have to take all necessary arrangements in order to insure the quick start of works upon receipt of the Jobbing Order of the Delegated Contracting Authority.

ARTICLE 18: COMPLEMENTARY INFORMATION

The complementary information can be obtained at the Regional Delegation of Public works Tel: +237 233 361 148

ARTICLE 19: SUBSCRIPTION OF THE CONTRACT PROJECT

The Notice publishing the results will fix the deadline of subscription of the contract project by the retained contractor. Failing to conform itself to this deadline, the Delegated Contracting authority will reserve the right to annul this assignment.

Document N°4

SPECIAL ADMINISTRATIVE CONDITIONS TO TENDER

Table of contents

Chapter I: General

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

Chapter II: Financial conditions

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

Chapter III: Execution of the works

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

Chapter IV: Acceptance

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

Chapter V: Miscellaneous provisions

- Article 45 - Termination of the Contract (article 74 of GAC)
- Article 46 - Force majeure (article 75 of GAC)
- Article 47 - Differences and disputes (article 79 of GAC)
- Article 48 - Drafting and dissemination of this Contract
- Article 49 and last: Entry into force of the Contract

CHAPTER I: GENERAL PROVISIONS

Article 1: Subject of contract

The subject of this contract shall be the construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwon, Mezam Division, North West Region

Article 2: Contract award procedure

This contract shall be awarded by Opened National Invitation to Tender N° ____/ONIT/GOV-NWR/NWRTB/2026 OF ____/____/2026

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

3.1 General definitions (cf. Code)

- ✓ The Delegated Contracting Authority shall be **the Governor of North-West**; in this respect he preserves the original documents relating to the Contract and transmits copies to the Public Contract Regulatory Agency.
- ✓ The **Regional Delegate of Public Works** for North-West (Authorizing Officer). In this capacity, he shall respect the administrative, technical and financial clauses of this Contract. He shall notify the Contractor; the Service Orders related to the execution of the said project and inform the Contract Engineer within 48 hours. He shall take care of the regular follow-up of work at the site.
- ✓ The Contract Engineer shall be Mr. **Regional Sub Director of Roads NW** who 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 project manager of the contract is the **chief of service in charge of Engineering Structure** at the Regional Delegation of public works NW. He shall be in charge of reporting on the day-to-day report of the project to the contract Engineer.
- ✓ 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 **Regional Delegated MINTP** for North-West (Authorizing Officer).
- The body or official in charge of payment is the **Treasurer Paymaster General -Bamenda**
- The body or official in charge of clearance is the **Regional Finance Controller- NW**
- The official competent to furnish information within the context of execution of this Contract shall be *the* Regional Delegate MINTP (Authorizing Officer).

3.3 Duties of the Control Mission, Contract Engineer

3.3.1 Missions [not applicable].

3.3.2 Means put at the disposal of the Control Mission [not applicable].

Article 4: Language, applicable law and regulation

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

1.6 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 are:

- 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 *[to be adapted according to the case]*:

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. 2025/012 of 17 December, 2025 bearing on the Finance Law of the Republic of Cameroon for the 2026 Financial Year
6. Decree No. 2013/159 of 15th May, 2013 putting in place a special regime on Administrative Control of Public Finances
7. Law No. 2016/017 of 14th December 2016 instituting the Mining Code;
8. Decree No. 2018/366 of 20th June 2018 to institute the Public Contracts Code and its texts of application;
9. Decree No. 2018/4992/PM of 21st June, 2018 putting in place the General Rules regulating the maturation of Public Investment projects;
10. Decree No. 2020/375 of 07 July, 2020 on the General Regulations of Public Accounting.
11. Instruments governing the various professional bodies;
12. Decree No. 2001/048 of 23rd February 2001 relating to the Setting up, Organization and Functioning of the Public Contracts Regulatory Agency
13. 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;
14. Decree No. 2012/075 of 8th March 2012 to organise the Ministry in charge of Public Contracts;
15. Order No 212/A/MINMAP of September 28, 2021 organizing the operation of internal structures for the administrative management of public contracts;
16. Order No. 000007/MINMAP of 01 January..... laying down the procedures for awarding and executing framework agreements
17. Order No. 168/A/MINMAP of August 11, 2021 setting the terms and conditions for the award and execution of design-build contracts;
18. Circular Letter No. 000010/LC/MINMAP/CAB of 22nd 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
19. Order No. 001/CAB/PR of 19th June 2012 relating to the Award and Control of Execution of Public Contracts;
20. Letter No 00006/LC/PR/MINMAP/CAB of 17th August, 2021 clarifying the control of public procurement and specifying the procedures for its exercise to project owners and delegated project owners circular.
21. Circular No. 0001877/C/MINFI of 31st December, 2025 bearing instructions on the

- implementation of Finance Laws, Monitoring and Control of the Execution of the Budget of the State and Other Public Entities for the 2026 fiscal year ;
22. Circular No. 0001/PR/MINMAP/CAB of 2th April, 2022 relating to the application of the Public Procurement Code
 23. Press Release No. 000024/R/MINMAP/CAB/CT2 of 5th August 2025 announcing the presentation of the catigorazation certificate in the award process of Public Contract
 24. The MINCOMMERCE Decree setting the Price List
 25. Order No 402/A/MINMAP/CAP of 21 October 2019 setting the nature and threshold of contracts reserved for craftsmen, mall and medium-sized enterprises, grassroots communities and civil society organisations, and the modalities of their application;
 26. Order No. 000333/O/MINMAP/CAB of 27th December 2024 to set the schedule of the migration to the exclusive award of Public Contracts`` electronically
 27. Circular letter No. 00000002/LC/MINMAP/CAB of 12th May 2022 relating to the continuity of the public procurement service in the event of a sanction by a Project Owner or Delegated Project Owner some members of a commission public procurement in accordance with the provision of articles 195 of the code of public contracts.
 28. Circular No. 000014/C/MINMAP/CAB of 23rd July 2025 on the condition for constitution, guarantee, preservation, release, restitution, and realisation of guarantees in Public Contract
 29. Unified Technical Documents (DTU) for building works;
 30. Applicable standards;
 31. Other instruments specific to the domain concerned with he Contract.

Article 7: Communication (Articles 6 and 10 supplemented)

7.1 All notifications and written communication within the framework of this Jobbing order 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 Chief of Service and immediately after completion of the works, correspondences shall be validly address to council where the Contractor Resides.
- b) In the case where the Delegated contracting authority in the addressee: The Governor for North West Region with copies addressed to the Chief of Service and the Engineer.

7.2 The contractor shall address all written notifications or correspondences to the Engineer with a copy to the Chief of Service.

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 Delegated Contracting Authority and notified to the Contractor by the Project Owner with a copy to the Delegated Contracting Authority, the Regional Delegation of Public Contract North West, Contract Engineer, the Paying Body and the Contract Engineer, where applicable.
- 8.2 Upon proposal by the Project Owner, Administrative Orders with an incidence on the objective, the amount and execution deadline shall be signed by Delegated Contracting Authority and notified by the Project Owner to the Contractor with a copy to the Delegated Contracting Authority, the Regional Delegation of Public Contract North West, the Contract Engineer, 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 Contract Engineer (where applicable) with a copy to the Delegated Contracting Authority and Contract Manager.
- 8.4 Administrative Orders serving as warnings shall be signed by the Delegated Contracting Authority and notified to the Contractor by the Contract Engineer with a copy to the Project Owner and Contract Engineer.

- 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 Delegated Contracting Authority and notified by the Contract Engineer to the Contractor with a copy to the Project Owner, Contract Manager and Contract Engineer.
- 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 Delegated Contracting Authority and notified by the Project Owner, the notification must be done within a **maximum of 30 days** from the date of transmission by the Contracting Authority to the Contract Engineer. **Beyond this deadline, the Delegated Contracting Authority shall establish the default of the Project Owner, take over from him and carry out the said notification.**

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

- 9.1 This Contract has only one phase for 2026 financial year. At the end of phase one, the Project Owner shall carry out the acceptance of the works and issue an attestation of proper execution to the Contractor.
- 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 to the technical bid shall only occur after the written approval of the Contract Manager. In case of modification, the Contractor shall have himself replaced by 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 Engineer has **5 (five) days** to notify his opinion in writing with a copy sent to the Contract Manager. 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 Delegated Contracting Authority within a maximum **deadline of twenty (20) days** of the notification of the Contract. It must also have a CDEC receipt or proof of deposit of the amount of the final bond requested into the Deposit and Guarantee Fund.

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

11.2 Performance bond

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

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

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

11.3 Guarantee of start-off advance

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

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

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

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

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

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

Article 13: Place and method of payment

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

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

Article 14: Price variation (Article 20 of GAC)

1.1 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.

1.2 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 be [*must 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 No security shall be requested for payments on account on supplies.

Article 20: Advances (article 28 of the GAC)

20.1 The Delegated 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 banking 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 Contract Engineer 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 Contract Engineer 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 Jobbing Order according to technical execution phases as defined in the Jobbing order.

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 (if applicable).

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 article 88 of Decree No. 2018/366 of 21 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 (1/2000th) 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 (1/1000th) 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 [amount to be indicated]

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;
- Late submission of the draft execution schedule if the lateness is caused by the Contractor.

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 Contract Engineer 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 AIR 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: Consistency of Works

Works to be realised consists of:

- 1- Site installation
- 2- Mobilisation and demobilisation of equipment
- 3- Scarification of the exiting road surface and moulding
- 4- Cut and throw
- 5- Foundation course in laterite
- 6- Molding of road surface
- 7- Opening of gutters
- 8- Reinforced concrete gutters

- 9- Supply and placement of reinforced concrete ring culverts
- 10- Construction of reinforced concrete box culvert 3x3
- 11- Construction of reinforced concrete box culvert 2.5x2
- 12- Vertical signalisation
- 13- All other works described in the cost estimates and bill of quantities.

Article 30: Site Notebook

The Site notebook is to be held by the chief of works. It will consign:

- the advancement of works;
- The administrative operations in relation to the execution or to the regulation of the contract (notification, result of tests, report of works, etc.);
- the atmospheric conditions;
- the reception of the materials and different approvals given by the Contract Engineer or its representative;
- Incidents or details of all sorts presenting some interests in the point of view of influencing the potential progress of works, or their duration;
- Works achieved by the subcontractors with their references.

The contractor will be able to consign there, incidents or observations susceptible to lead to a complaint of its part. The newspaper will be signed contradictorily by the Contract Engineer and the Chief of works at every visit of the site. For the contractor possible complaint, he won't be able to be made state that of the events or documents mentioned to the site notebook in due time.

Article 31: Site Disposal

All temporary site facilities of necessary to the execution of works, as offices, laboratories, garages, workshops, lodging of the staff, quarries, diversions and tracks, won't be able to be built that on the sites approved by the contract engineer in agreement with the local administrative authorities.

To the extent of its possibilities, the administration will put free of charge at the disposal of the contractor for the length of works, the private state or public property necessary for the needs of the building site. The state properties belonging to the administration and put at the disposal of the contractor should be put back in good state at the end of works.

Article 32: Maintenance of the Circulation

The contractor should take all necessary arrangements so that the maintenance of the circulation is assured during the whole length of works on the roads and existing tracks. He won't be able to take advantage of the vassalages that would result from to elude the liabilities of its contract, nor to raise any complaint.

Article 33: Security Measures

The contractor will have the consignment to provide and to maintain at his expenses, all method of signalization, protection, fencing and security that he will deem necessary for the good execution of works or that will be required by the contract engineer.

The contractor will be personally responsible of all direct or indirect consequences of a defaulting signalization or in the maintenance of provisional structures necessary to the fluidity of the circulation.

Article 34: Damages to the Owners on the Right of Way

The indemnities that ensue of the expropriations of the cultures that will be necessary because of the situation of the right of way of the present works (quarries and access to quarries) will be at the contractor's charges. This one will be held to organise before execution of works, the contradictory recognition of the cultures and properties that will be valued in agreement with the contract engineer and the local administrative authorities.

Article 35: Protection of the Environment

The contractor will be held to conform itself to the texts governing the protection of the environment in force in Republic of Cameroon, notably the law N° 096/12 of August 05, 1996 on the management of the environment. He should conform himself notably to the prescriptions of the CCTP.

35.1: Restoration of the Site

The restoration of the site by the removal of equipment, materials and remnants of building site, must be completed within thirty (30) days as from the date of signature of the provisional reception and in any case before the approval of the general and definitive deduction of works. However, the administration reserves the right to ask the contractor to let the equipment that it would be susceptible

to reuse. In case of an agreement, the transfer of this equipment will be established with an amicably consideration price.

Article 36: Role and Responsibility of the Contractor

The contractor has for mission to insure the execution of works under the control of the Contract Engineer and in accordance with the rules and norms in force. He is held notably to do (if necessary) the calculations, tests and analyses, to determine, to choose, to buy, and to supply all equipment, materials and necessary supplies for the execution of works. He is held to employ the useful staff, specialised or not.

The contractor is responsible vis-à-vis the Delegated Contracting Authority of the quality of the materials and supplies used, of their perfect adaptation to the needs of the building site, of the good execution of works, of the supplies and interventions done by the recognised subcontractors.

He has the obligation to put back in state the works damaged because of its works and to conform itself to the legislation in force in Cameroon concerning the respect of the environment. He should execute all works specified to the (CCTP) and the texts and instructions mentioned to article 41 of the present (CCAP). He will have the obligation notably to display a discipline code in the enterprise while taking in account the environmental problems.

36.1: Subcontracting

The present contract gives the possibility for the contractor to make execute, after express authorisation of the Delegated Contracting Authority, a part of works by subcontractors. The amount of works susceptible to be subcontracted is limited to 30% of the amount of the contract.

This authorisation doesn't free the contractor of none of his contractual liabilities. The subcontractors should satisfy to the same conditions that the holder of the contract. They will execute their parts of works under the contractor only and full responsibility. The recognized subcontractors won't be able to get the profit of the direct regulation of works.

36.2: Plans and Documents of Execution

The detailed plans and other necessary documents to the execution of works will be established by the contractor on the basis of the data of the Tender File.

They will be forward to the Contract Engineer within at least ten (10) days before all beginning of execution of the corresponding works. This last has a delay of seven (7) days to make part to the contractor of his observations and remarks. He will transmit the document corrected including his opinion to the approval of the Contract Engineer with copy to the Contract Manager.

At the latest one month after the provisional reception and in all before the payment of the final deduction, the contractor will forward to transmit by the cares of the Contract Engineer to the Delegated Contracting Authority three (3) copies of the revised plans of works of which a reproducible original, approved by the Contract Engineer and the Contract Engineer.

36.3: Public and Private Networks

The contractor must take some precautions with cables and pipelines in the neighbourhood. For that to happen, he should search for before the beginning of execution of works the existing buried cables and pipelines (electricity, water, telephone etc....) situated in the zones concerned with the works.

In the event where the staff or the machine of the contractor or his subcontractors would cause a damage to these cables or pipelines, the repair works will be done at the contractor's expense. To this effect he will sort the services of the concerned networks for repairs.

36.4: Material and Personal To Put In Place

In his bid, the contractor committed to mobilise the necessary human and material resources for the good execution of works according to the rules of the art and according to the conditions of the present CCAP and CCTP.

The contract has been assigned on the basis of the detailed lists of the material and the supervisory staff possibly completed at the demand of the administration. Any modification even partial proposed on the technical tender will only intervene after written agreement of the Contract Manager. In case of modification, the contractor will make a replacement of a staff of the same expertise (qualifications and experience) or a replacement of a similar performance material and in good working order.

In any case, the lists of the material and of the supervisory staff to put in place will be submitted to the approvals of the Contract Engineer after opinion of the Contract Engineer, in the fifteen (15) days that follow the jobbing order. The Contract Engineer will have eight (8) days to notify his opinion in writing. Past this delay, the lists will be considered like approved.

Unilateral modification brought to the propositions in material and in supervisory staff of the technical tender, before and during works constitutes a cause of termination of the contract as aimed on article 52.

36.5: Project of Execution

In a maximum deadline of ten (10) days from the assignment of the contract, the contractor will submit to the approval of the Contract Engineer, after motivated opinion of the Contract Engineer, in Five (05) copies, the program of execution of Works containing:

- The global summary of deterioration;
- The global estimate;
- The minute of description of tasks to execute;
- The description of the processes and the methods of execution of works considered with the forecasting of employment the staff, the material and the equipment;
- The results of the asked geotechnical tests sustained with the pertaining technical choice note;
- The structural plans and notes of calculation for the execution of works;
- The plans of furniture;
- The description of the processes and the methods of maintenance of the security, the circulation and respect of the environment;
- A graphic planning of works;
- Quality control Plan(PAQ)
- Environmental management plan(PGE)
- The works that the contractor will make execute by subcontractors (if there is);
- The itinerary scheme or the linear of works to execute.

Two (2) copies of this project will have returned him within eight (8) days from their reception with:

- either the mention of approval « GOOD FOR EXECUTION »
- either the mention of their dismissal sustained by the purposes of the aforesaid dismissal

The contractor will have seven then (7) days to hand a new file to the Contract Engineer who will have a deadline of five (5) days for its approval or to make possible remarks after opinion of the Contract Engineer. In this case, the procedure is re-lunched. Past the deadline of forty-five (45) days after notification of the jobbing order, the non-approval of the program will trigger the penalties of delay mentioned to the article 26 below.

The approval given by the Contract Engineer won't attenuate in anything the contractor responsibility. Works executed before the approval of the program won't be received nor remunerated.

The planning actualised and approved will become the contractual planning. It must make to appear critical tasks. The contractor will daily produce in the building site, an updated planning of works that will take into account the real advancement of works.

37: Prohibition to Work in the Night, In Holidays and In Sundays

Works won't be able to continue the night, nor Sundays, nor the holidays without the previous written authorisation of the Contract Engineer.

38: Site Meetings

38.1 Weekly meetings of Site are to be hold regularly. The involvement of the chief of works to the meetings of site is obligatory.

38.2 Monthly meetings of site will be held in presence of the Contract Manager, of the Contract engineer or their representatives.

35.3 These meetings will be subject of a minute signed by the participants, the Contract Engineer assuring the secretariat.

38.4 The Contract engineer will invite in writing, with copy to the Contract Manager, the Mayor of the council concerned to represent itself to the meetings of site.

Article 39: Destruction Deficient Work and Removal of Refused Materials

The Contract Engineer will have the power to order by writing:

The removal from the building site within forty-eight (48) hours, of all materials identified as non-compliant to the requirements of the contract and their replacement by other appropriate materials and approved after tests of laboratory.

The destruction and the correct reconstruction to expenses of the contractor of all works identified as non-compliant to the requirements of the contract with regard to the method of execution that the used materials.

Article 40: Modification of the Works

The Delegated Contracting Authority, reserves the faculty to introduce in the works, at the stage of the phase of execution, all modifications, additions, suppressions of works as well as the possible suppressions of category of works that he will estimate necessary for the good success and the economy of works, without for it the contractor can pretend to some compensation or indemnity that it is, outside of those indicated in the present CCAP.

Article 41: Materials

- 41.1. The contractor will have to use at his expenses type of quarries mentioned in the CCTP or, if they are insufficient, he will search for new places of extraction of the necessary materials to the realisation of the works.
- 41.2. The materials will be compliant to the specifications of the CCTP. They will be submitted to the tests or tests that the Contract Engineer will judge useful to prescribe according to the specifications of the contract.
- 41.3. The essential means of control put in place by the contractor at its expenses, should permit him to insure a constant repeated and regular control, in the places of extraction, preparation or manufacture and on the building site.

Article 42: Invention License

The contractor should get along, if necessary, with the owners or the possessors of license of which he would like to apply or would have applied; he will adjust the necessary payment and will guarantee the Contracting Authority against all pursuit.

Article 43: Execution Deadline

The execution deadline is four (04) months as from the date of notification of the Service Order to begin works delivered by the Delegated Contracting Authority.

Due to extra works or justified circumstances, the contractor will be able to present a demand of prolongation. The length of the prolongation fixed by the Delegated Contracting Authority will be subject of an amendment.

43.1 Site Installation

The Installation commission shall comprise:

- 1- The Delegated Contracting Authority or his representative(Chairman)
- 2- The Authorizing Officer or his representative.(Member)
- 3- The Contract Engineer.....(Secretary)
- 4- The Contract manager..... (member)
- 5- The RDMINMAP/NW or his representative.....(Observer)
- 6- The Contractor or his Representative..... (Observer))

Chapter IV : Acceptance

Article 44: PROVISIONAL ACCEPTANCE

44.1 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.

- The qualitative and quantitative recognition of the works executed,
- The possible observation of imperfections or deficiency,
- The respect of environmental prescriptions,
- The examinations possibly foreseen by the CCTP,
- The probable observation of the non-execution of the works provided on the contract,

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

- Contract Engineer,
- Follow-up Engineer
- Contractor.

At the tenure of this pre-reception visit, the Contract Engineer possibly specifies the reserves issued and the corresponding works to done before the date of the provisional reception that he will fix in agreement with the Contract engineer. The Contract Engineer, will look after to uplift the reserves and will raise a minute of uplift of the reserves of the pre-reception that will be joined to the convocation of reception, addressed to all members of the reception commission

44.2 Acceptance

The acceptance commission shall comprise:

- 7- The Delegated Contracting Authority or his representative(Chairman)
- 8- The Authorizing Officer or his representative.(Member)

- 9- The Contract Engineer.....(Secretary)
- 10-The Contract manager..... (member)
- 11-The RDMINMAP/NW or his representative.....(Observer)
- 12-The Stores Accountant of MINTP North West.....(Member)
- 13-The Contractor or his Representative..... (Observer))

The commission shall examine the report of the pre-acceptance and shall proceed to the acceptance. An acceptance report (process - verbal) of the works shall be prepared by the Contract Engineer and signed by all the commission members.

ARTICLE 45: DOCUMENTS TO BE FURNISHED AFTER EXECUTION

45.1 The contractor shall furnish within one (1) month after completion of the works three (3) copies of all working documents and drawings as executed, especially those relevant to the exploitation and maintenance of the works.

45.2 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 46: GUARANTEE PERIOD.

Concerning the maintenance works of the road networks in earth, the deadline of guarantee only concerns the realized drainage system works. This delay is of four (04)) month from the date of Provisional reception of works.

46.1: Maintenance during the Period of Guarantee

During the period of guarantee, the contractor should execute in due time at his expenses, all necessary works to remedy the messes not being a matter for a normal maintenance that would appear in the works of realized drainage structures.

If the contractor didn't conform himself within fifteen (15) days to the prescriptions of a relative service order to these works, the Contract Manager will be in right to make execute them by his own workers or by another enterprise and the bill will be recover at the expense of the contractor by deduction on all dues or fees owe to him in the regard of the contract.

Article 47: 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 48: Termination of the Contract (article 180 of the PCC)

The Contract may be terminated as provided for in Section II Paragraph I of Decree No. 2018/366 of 20 June 2018 and equally under the conditions laid down in articles 180, 181,182 and 183 of the PCC 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.

48.1: 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.*

48.2: 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.*

48.3: 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 49 and last: Entry into force of the Contract

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

Document N°5

SPECIAL TECHNICAL CONDITIONS TO TENDER

TABLE OF CONTENT

ARTICLE B 100 - GENERALITIES

- Article B 101 - Purpose of these technical specifications**
- Article B 102 - Abbreviations**
- Article B 103 - Standards and regulations**
- Article B 104 - Study descriptions**
- Article B 105 - Description of work**

ARTICLE B 200 - QUALITIES AND PREPARATIONS OF THE MATERIALS TO BE USED

- Article B 201 - Aggregates for mortar and concrete**
- Article B 202 - Hydraulic binders**
- Article B 203 - Admixtures**
- Article B 204 - Curing products**
- Article B 205 - Composition of concretes and mortars**
- Article B 206 - Compaction and mixing water**
- Article B 207 - Steels for reinforced concrete reinforcement**
- Article B 208 - Various sections and steels**
- Article B 209 - Formwork**
- Article B 210 - Shaping of reinforcements for reinforced concrete**
- Article B 211 - Materials for backfill**
- Article B 212 - Materials for backfill under foundation**
- Article B213 - Waterproofing Devices**
- Article B 214 - Concrete pipes**
- Article B 215 - PVC pipes**
- Article B 216 - Road Mould**
- Article B 217 - Dry Parking**

ARTICLE B300 - METHOD WORK EXECUTION

PRELIMINARY WORKS - EARTHWORKS - ROADS

- Article B301 - General provisions**
- Article B302 - General layout**

ARTICLE B303 - PRELIMINARY WORK

- Article B304 - Brush clearing**
- Article B305 - Voids**
- Article B306 - Scarification of existing pavements**
- Article B307 - Demolition**
- Article B308 - Discharges**

ARTICLE B 309 - EARTHWORKS

- Article B310 - Topsoil stripping**
- Article B311 - Land movements**
- Article B312 - Purging of bad land**
- Article B313 - Requirements applicable to excavated earthworks**

Article B314 - Careers and loans
Article B315 - Requirements applicable to earthworks in embankments
Article B316 - Tolerance on earthworks
Article B317 - Compaction
Article B318 - Adjustment of platforms
Article B319 - Roads
Article B320 - Finishing of platform

ARTICLE B400 - EXECUTION DRAINAGE WORK

Article B401 - General indications

ARTICLE B402 - EARTHWORKS

Article B403 - Execution of trenches and excavations
Article B404 - Execution of trenches using mechanical devices
Article B405 - Shoring and shielding
Article B406 - Drainage under pipeline and structure
Article B407 - Drainage Network
Article B408 - Pipes and Accessories
Article B409 - Installation of filter devices

ARTICLE B410 - DRAINAGE NETWORKS

Article B411 - Laying of pipes and their accessories
Article B412 - Inspection manholes and drains
Article B413 - Pipe tests
Article B414 - General test of underground sewerage networks
Article B415 - Construction of gutters and scuppers
Article B416 - Maintenance during the warranty period

ARTICLE B500 - EXECUTION OF HYDRAULIC STRUCTURES

Article B501 - Earthworks
Article B502 - Manufacture and transport of concrete
Article B503 - Application and curing of concrete
Article B504 - Siding
Article B505 - Reinforced concrete structures

ARTICLE B600 - METHOD OF EXECUTION OF SPECIAL FITTINGS

Article B601 - Safety device for pedestrians
Article B602 - Anti-parking device
Article B603 - Guardrail
Article B604 - Guardrails
Article B605 - Slices for cables and sleeves
Article B606 - Sleeves - flexible sleeves
Article B607 - Warning mesh
Article B608 - Draft chamber

ARTICLE B609 - ANCHOR MASSIVE

Article B610 - Kerbs..... NOT APPLICABLE

ARTICLE B700 – CONDITIONS OF EXECUTION

Article B701 - Qualities and tests of constituent materials

Article B702 - General provisions on supplies

Article B703 - Manufacturing processes and control

Article B704 - Consistency of the work

ARTICLE B800 – MODE OF EXECUTION OF NETWORK DISPLACEMENT IF ANY

Article B801 - Generalities

Article B802 – Site reconnaissance

Article B803 - Execution of the works

ARTICLE B900 - MODES OF PLANTATION EXECUTION

Article B901 - Origin and quality of trees and shrubs

Article B902 - Method of carrying out the work

Article B903 – Grassing (Seeding)

Item B904 - Cleaning

Article B905 - Warranty and maintenance

Article B906 - Signalling

Article B907 - Environmental directives.

ARTICLE B 100- GENERALITIES

ARTICLE B 101 - SUBJECT OF THE PRESENT SPECIFIC TECHNICAL CLAUSES

The purpose of this Book is for the construction of a bridge of span 6m over river menka linking the mile v junction and The Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region

ARTICLE B 102 - ABBREVIATIONS

The abbreviations used in this Technical Prescription Book have the following meanings:

- C.C.A. P. Book of Special Administrative Clauses**
- C.C.T.P. Book of Particular Technical Clauses**
- or C.C.T.G. General Technical Clauses Book**
- A.S.T.M. American Society for Testing and Materials**
- A.A.S.H.T.O. American Association of States Highway and Transportation Officials**
- I.S.O. International Organization for Standardization**
- A.W.W.A. American Water Work Association**
- O.P.M. Optimum Proctor Modified**
- LABOGENIE National Laboratory of Civil Engineering of CAMEROON**
- C.A.M. WATER: Cameroon Water Utilities Corporation**
- E.N.E.O The Cameroon Electricity Supplier**
- CAMTEL CAMEROON Telephone Network**

ARTICLE B103 - STANDARDS AND REGULATIONS

The applicable standards are those in force in the Republic of Cameroon or failing that, the French standards in force in the construction industry.

Other standards will be accepted if their quality is equal to or better than the specified standard after submission for approval by the Inspection Engineer.

The sources, qualities, types, dimensions, weight, and characteristics, as well as the methods of testing, marking, checking and acceptance of materials and supplies, must meet the standards in force at the time of signing the Contract.

The Co-contractor is deemed to be familiar with these standards and in particular the following documents:

B103.1 Technical Clauses Book (C.C.T. ex-C.P.C)

- Booklet N ° 1: General provisions common to the various types of work
- Fascicle N ° 2: General earthworks
- Fascicle N ° 3: Supply of hydraulic binders
- Fascicle N ° 4 (Title 1): Steel for reinforced concrete
- Booklet N ° 7: Soil recognition
- Fascicle N ° 23: Road aggregates
- Fascicule N ° 24: Supply of hydrocarbon binders used in the construction and maintenance of pavements
- Fascicle N ° 26: Execution of surface plasters
- Fascicule N ° 31: Borders and gutters in natural stone or concrete and concrete retaining devices
- Fascicle N ° 32: Construction of sidewalks.
- Fascicule N ° 35: Works of green spaces, sports and leisure areas
- Fascicle N ° 50: Topographic works, large-scale plans
- Booklet N ° 61:

Title 4:

Title 5:

Climatic actions

Design and calculations of bridges and metal constructions

- Booklet N ° 62

(Title 1 - Section 2): Technical rules for the design and calculations of reinforced concrete structures and structures according to the limit states method

- Fascicle N ° 63: Execution and implementation of unreinforced concrete, preparation of mortars
- Fascicle N ° 64: Masonry work for civil engineering structures
- Fascicle N ° 65: Execution of civil engineering works in reinforced or prestressed concrete
- Fascicle N ° 66: Execution of bridges and other metal frames of similar techniques
- Booklet N ° 67: Waterproofing of engineering structures
- Fascicle N ° 68:

Title 1:

Execution of foundation works

B103 - STANDARDS AND REGULATIONS

The applicable standards are those in force in the Republic of Cameroon or failing that, the French standards in force in the construction industry.

Other standards will be accepted if their quality is equal to or better than the specified standard after submission for approval by the Inspection Engineer.

The sources, qualities, types, dimensions, weight, and characteristics, as well as the methods of testing, marking, checking and acceptance of materials and supplies, must meet the standards in force at the time of signing the Contract.

The Co-contractor is deemed to be familiar with these standards and in particular the following documents:

B103.1 Technical Clauses Book (C.C.T. ex-C.P.C)

- Booklet N ° 1: General provisions common to the various types of work
- Fascicle N ° 2: General earthworks
- Fascicle N ° 3: Supply of hydraulic binders
- Fascicle N ° 4 (Title 1): Steel for reinforced concrete
- Booklet N ° 7: Soil recognition
- Fascicle N ° 23: Road aggregates
- Fascicule N ° 24: Supply of hydrocarbon binders used in the construction and maintenance of pavements
- Fascicle N ° 26: Execution of surface plasters
- Fascicule N ° 31: Borders and gutters in natural stone or concrete and concrete retaining devices
- Fascicle N ° 32: Construction of sidewalks.
- Fascicule N ° 35: Works of green spaces, sports and leisure areas
- Fascicle N ° 50: Topographic works, large-scale plans
- Booklet N ° 61:

Title 4:

Title 5:

Climatic actions

Design and calculations of bridges and metal constructions

- Booklet N ° 62

(Title 1 - Section 2): Technical rules for the design and calculations of reinforced concrete structures and structures according to the limit states method

- Fascicle N ° 63: Execution and implementation of unreinforced concrete, preparation of mortars
- Fascicle N ° 64: Masonry work for civil engineering structures
- Fascicle N ° 65: Execution of civil engineering works in reinforced or prestressed concrete
- Fascicle N ° 66: Execution of bridges and other metal frames of similar techniques
- Booklet N ° 67: Waterproofing of engineering structures
- Fascicle N ° 68:

Title 1:

Execution of foundation works

- Fascicle N ° 70: Sewerage pipes and ancillary works
- Fascicule N ° 71: Supply and installation of water pipes, accessories and connection

The Common Prescriptions applicable to the construction of a public lighting network from March 1974.

All the technical rules published by the UTE in their up-to-date edition for electrical installations.

ARTICLE B104 - STUDY DESCRIPTIONS

Within thirty days from the date of the start of the works, the Co-contractor will delimit the right-of-way of the works and undertake the delimitation of the constructions within these rights-of-way after agreement or according to the instructions of the Contract Engineer. Then, he will establish from the plans and tender documents the complete execution project defining the adaptation of the works to the actual execution conditions.

The execution plan will include all the modifications or variants proposed by the Co-contractor as well as the calculation notes and drawings referred to in article A 327.3 of the Special Prescriptions Specifications.

The execution plan must be submitted to the Contract Engineer within thirty days before the start date of the corresponding part of the work.

The Contract Engineer will have a period of fifteen days to approve the execution plan or to make known his observations under the conditions defined in the Special Prescriptions Book. The execution project will include:

- Formwork and reinforcement plans for sanitation structures at 1 / 20th (scuppers, manholes, heads of structures, etc.),
- All calculation notes for sanitation works,
- Calculation notes for sanitation and outlet of structures,
- Program, plan and results of geotechnical tests (foundation soils, cuttings reusable as backfill, purges, groundwater level, deflection tests, etc.),
- Detailed pre-survey by section and structures.

ARTICLE B105 - DESCRIPTION OF THE WORK

- 1- Site installation
- 2- Mobilisation and demobilisation of equipment
- 3- Scarification of the exiting road surface and moulding
- 4- Cut and throw
- 5- Foundation course in laterite
- 6- Moulding of road surface
- 7- Opening of gutters
- 8- Reinforced concrete gutters
- 9- Supply and placement of reinforced concrete ring culverts
- 10- Construction of reinforced concrete box culvert 3x3
- 11- Construction of reinforced concrete box culvert 2.5x2
- 12- Vertical signalisation
- 13- All other works described in the cost estimates and bill of quantities.

GENERAL

ARTICLE 200B QUALITIES AND PREPARATION OF MATERIAL TO BE USED

The control tests and execution studies prescribed in this CCTP will be the responsibility of the Co-contractor who is required to submit the results for the approval of the Contract Engineer. Samples of the materials and equipment that will have been retained by the Contract Engineer will be kept in the premises of the Contract Engineer on the site.

ARTICLE B201 - AGGREGATES FOR MORTARS AND CONCRETE

Aggregates for mortars and concretes must meet the requirements of the French standards cited in fascicules 65 of the C.C.T.G. (see B103.1). The aggregates will be of uniform quality and without excess of flat or elongated lumps, dust or impurities.

In addition, it is specified that the dimension of the gravel for concrete will be at most equal to 25 mm. This maximum size will be reduced to 15 mm in the rubbed areas.

However, in massive structures and with the express agreement of the Contract Engineer, the maximum size may be increased to 40 mm.

Concrete 0/25 will be made up of at least three classes of aggregates, the grain size curves being taken from the following series of sieve dimensions, expressed in millimetres: 2 - 4 - 6.3 - 10 - 20 or 3 - 5 - 8 - 12.5 - 15 - 25.

The sands will be of good quality, stable, clean and free of dust, shale, clay or organic debris. They should not contain more than 5% of fine elements passing through an 80-micron sieve. No grain should be larger than 6.3 mm. The sand equivalent will necessarily be greater than 70.

The aggregates will be stored in such a way that the different classes cannot mix. Contamination by mud and dust should be avoided. A good drainage of stocks must be ensured.

The quality and size of the aggregates must be subject to the approval of the Contract Engineer. This approval will only be acquired after the resistance tests on concrete specimens carried out with the proposed aggregates have been found to be satisfactory.

ARTICLE B202-HYDRAULIC BINDERS

The cement used in the composition of ordinary or reinforced concrete and mortars will be of the class

CPA 325 or CPJ 35. The use of aluminium cement will not be authorized as well as the cement mixture.

Cement must be stored in dry, well-ventilated rooms that are effectively protected against bad weather. The raft of wooden or concrete rooms should be at least 20 cm above the ground to prevent any rising damp. Each supply should be stored separately so that it can be easily identified and controlled.

The cement must be used in the order of delivery or as directed by the Contract Engineer. The cement in bags will be piled up to a maximum height of 2 meters.

The tonnage of cement stored must be sufficient to ensure consumption of at least one month during site activity. Any cement showing traces of humidity or setting must be removed from the site.

ARTICLE B203 - ADMIXTURES

The possible use of admixtures for making concrete will be subject to the approval of the inspection engineer. The adjuvants must be used in accordance with the prescriptions of booklet 65 of the C.C.T.G, in particular with regard to the maximum dosage, the precautions to be taken and the contraindications. Chlorine additives are prohibited.

The use of the adjuvant must be such that it is guaranteed against any abnormal concentration, for this purpose, the mixing of the adjuvant and the mixing water will take place in the tank or in an auxiliary tank which will be equipped with a sufficiently powerful autonomous stirring device in permanent motion.

Any additives used by the Co-contractor and supplied by him on the site must give rise to the presentation of a certificate of origin, indicating the deadline beyond which these products must be scrapped.

ARTICLE B204 - CURING PRODUCTS

The curing products that may be used for concrete will be subject to the prior agreement of the Contract Engineer and will comply with the requirements of booklet 65 of the C.C.T.G.

ARTICLE B205 - COMPOSITION OF CONCRETE AND MORTARS

B205.1 Concrete

The concretes used for the construction of the Bridge and other road structures will meet the following specifications:

Designation	Minimum Dosage cement with	Usage	Minimum resistance at 28 days Mini compression Mini traction	Ratio W/C maximal
Plain concrete BC	200 Kg	Béton de propriete		0,70
Concrete 1(BQ1) 20	250 Kg	Béton de forme	18 MPa 1,8 Mpa	0,60
Concrete 2(BQ2)	300 Kg	Non reinforced or lightly reinforced element	23 MPa 2,05 MPa	0,55
Concrete quality 3(BQ3)	350 Kg	Footings foundation etc...	27 MPa 2,32 MPa	0,55
Concrete quality 4(BQ4)	400 kg	Highly solicited structures	33 Mpa 2,6Mpa	0,55

The W / C (water / cement) ratio indicated in the table is the maximum admissible for the implementation of the corresponding type of concrete.

The dose of cement indicated in the table cannot be reduced even if the resistance of the tests exceeds the prescribed values.

a) Consistency

The consistency of quality concretes BQ2, BQ3 and BQ4 will be measured with the AGTM cone, the subsidence will be less than 5cm. The Co-contractor must in all cases have the necessary equipment so as to ensure satisfactory vibration of the concrete.

b) Composition

The study of the composition of concrete is the responsibility of the Co-contractor.

The Co-contractor must present his proposals to the Contract Engineer and submit for his approval the particle size composition and the volumes of water to be incorporated per cubic meter and this in good time to meet the contractual execution period.

The Co-contractor has a period of fifteen (15) working days from the notification of the market to present the composition of the concrete.

The Contract Engineer will make its observations or give its approval within seven (07) working days from the date of receipt of the Co-contractor 's proposals.

Following the approval by the Contract Engineer of the concrete compositions proposed, the Co-contractor will carry out mix tests for each concrete quality indicated. The tests must correspond to the manufacturing conditions on the site.

The Co-contractor will only apply the mixtures approved by the Contract Engineer.

B205.2. Mortars

Depending on their destination, the mortars will have the following compositions:

M400:

Mortar at 400 kg of cement per cubic meter of sand. It will be used to produce the coatings seen from the structures (manhole cover slabs, superstructure structure).

M500:

Mortar at 500 kg of cement per cubic meter of sand with the addition of Sika N1 product following the dosage prescribed by the manufacturer and subject to the approval of the Contract Engineer. This mortar will be used for the waterproof interior plasters of the structures.

The W / C (water / cement) ratio indicated in the table is the maximum admissible for the implementation of the corresponding type of concrete.

The dose of cement indicated in the table cannot be reduced even if the resistance of the tests exceeds the prescribed values.

a) Consistency

The consistency of quality concretes BQ2, BQ3 and BQ4 will be measured with the AGTM cone, the subsidence will be less than 5cm. The Co-contractor must in all cases have the necessary equipment so as to ensure satisfactory vibration of the concrete.

b) Composition

The study of the composition of concrete is the responsibility of the Co-contractor.

The Co-contractor must present his proposals to the Contract Engineer and submit for his approval the particle size composition and the volumes of water to be incorporated per cubic meter and this in good time to meet the contractual execution period.

The Co-contractor has a period of fifteen (15) working days from the notification of the market to present the composition of the concrete.

The Contract Engineer will make its observations or give its approval within seven (07) working days from the date of receipt of the Co-contractor's proposals.

Following the approval by the Contract Engineer of the concrete compositions proposed, the Co-contractor will carry out mix tests for each concrete quality indicated. The tests must correspond to the manufacturing conditions on the site.

The Co-contractor will only apply the mixtures approved by the Contract Engineer.

B205.2. Mortars

Depending on their destination, the mortars will have the following compositions:

M400:

Mortar at 400 kg of cement per cubic meter of sand. It will be used to produce the coatings seen from the structures (manhole cover slabs, superstructure structure).

M500:

Mortar at 500 kg of cement per cubic meter of sand with the addition of Sika N1 product following the dosage prescribed by the manufacturer and subject to the approval of the Contract Engineer. This mortar will be used for the waterproof interior plasters of the structures.

M600:

Mortar dosed at 600 kg of cement per cubic meter of sand. It will be used for all seals (metal profile descent rungs, etc.) and for repointing masonry rafters

Mortars will be manufactured mechanically or exceptionally, manually for very small quantities. Manufacturing equipment must provide the same dosage guarantees as for concrete.

Any mortar which has started to set or which has dried out will be rejected and must not be mixed with fresh mortar.

B205.3 Control of concrete

The Co-contractor is responsible for carrying out the study tests and suitability tests in good time to meet its contractual obligations relating to the time limits for execution, whatever the results of said tests.

The test pieces will be made in approved molds. The transport to the control laboratory of the convenience and information control test pieces will be carried out by the Co-contractor.

Concrete control will be carried out according to the services in the table below:

Concrete class	Number of samples	Compression	Traction frequency	Consistency
BQ3 350 kg	Daily concreting - cylinders	2 tests At 7 days	2 tests At 7 days	1 per ½ day
	6 samples	4 tests à 28 days	4 tests at 28 days	
BQ4 400 kg	10 samples	3 tests at 3 days 2 tests at 7 days	3 tests at 3 days 2 tests at 7 days	1 per ½ day
	10 samples	5 tests à 7 days	5 tests à 28 days	

Structures or parts of structures, for which the tests thus carried out show resistances 15% lower than the required resistances, will be refused.

ARTICLE B206 - COMPACTION AND MIXING WATER

The supply of water is the responsibility of the Co-contractor. The proportion of materials dissolved or suspended in the compaction water must be low enough so that it does not cause a reduction in the qualities of the earthworks of the roadway.

The water used both for mixing and for compaction must have the physical and chemical properties set by the standard defined in the prescriptions of booklet 65 of the C.C.T.G. It should not exceed a temperature of 30 ° C and should not contain more than 2 g of dissolved salt per litre.

Questionable water will be subjected to chemical analysis by the care and at the expense of the Co-contractor.

ARTICLE B207 - STEELS FOR REINFORCED CONCRETE

The steels used for the reinforced concrete will be as follows:

Steels with high adhesion Fe400 in accordance with the standards cited in booklet 4 in title 1 of the C.C.T.G.

Minimum yield strength: 400 MPa

For each supply of steels intended for the works, the Co-contractor will provide certificates indicating the results of tests undergone by the materials. If test results are not available, the Employer may refuse its use. The steels will be securely tied in bundles. The bundles must be clearly marked with the supplier, the quality, the delivery date and the length, diameter and number of bars.

Steels for reinforced concrete will be stored on supports above the ground and will be protected against rust, oil and other harmful influences.

ARTICLE B208 - PROFILES AND MISCELLANEOUS STEELS

The various profiles, sheets, plates, bars, tubes shall be in laminated mild steel, of weldable quality, non-brittle, malleable, free from flaws, streaks, cracks, cracks. Parts to receive a protective zinc coating will be hot dip galvanized. The weight of zinc will not be less than 200 grams per square meter (single sided). They will comply with the prescriptions of booklet 4, title 3 of the C.C.T.G.

ARTICLE B209 - FORMWORK

The formwork will be made up of metal elements, wood or any other equivalent material. They will be subject to the approval of the Contract Engineer.

The slab, raft and wall forms that will remain in view will be smooth, ensuring smooth and even surfaces. They will comply with the prescriptions of fascicle 65 of the C.C.T.G.

ARTICLE B210 - SHAPING OF REINFORCEMENT FOR REINFORCED CONCRETE

The conditions of use of the reinforcements must comply with the prescriptions of booklet 4, title 1 of the C.C.T.G.

Article 21 of fascicle 65 of the C.C.T. is completed as follows:

When it is necessary to constitute reinforcement with several bars, the joints are distributed over a certain length so that, in a section, there are at least $\frac{2}{3}$ of the continuous bars, it being accepted that the overlap of the reinforcements to improved adhesion will comply with the requirements of the reinforced concrete rules in force.

Immediately before placement, the steels will be clean and rust-free. The reinforcements will be well fixed so that there is no risk of displacement during the pouring of the concrete. Are forbidden:

- the deliberate folding and unfolding of the reinforcements,
- the assembly of reinforcements by welding.

ARTICLE B211 - FILL MATERIALS

B211.1 - General indications

The materials used in backfill must have the following characteristics:

- Plant element content less than 1%;
- Granulometry: no elements greater than 100 mm;
- Plasticity index: less than or equal to 40;
- Lift: the immediate CBR bearing index (natural W) must be greater than or equal to 10 for compaction at 95% O.P.M. The index bearing CBR is measured after 04 days of imbibition;
- Linear swelling: less than 3%.

It is the responsibility of the Co-contractor to carry out all the geotechnical studies on the soils in place and on the borrow sites for which they have researched the sites, at their own expense. The studies

Geotechnical techniques that may be made available to the Co-contractor by the Contract Engineer are given for information only.

With regard to soils whose water content, at the time of installation is too high to allow obtaining the minimum acceptable compactness indicated in article B328 of this CCTP, the

Co-contractor will take all the necessary measures to aerate and reduce the water content to a value close to the optimum.

In addition, in flood-prone areas, the base of the embankments will be made up to the height of the highest water levels with sand or any other equivalent material in order to accelerate the consolidation of the soils in place and to constitute a draining layer allowing the water circulation. The draining material should not contain more than 10% fine elements. This provision is not valid for embankments serving as dykes for whom the materials must be submitted to the approval of the Inspection Engineer.

B211.2 - Materials for backfill bodies

The backfill bodies will be made with materials from the cuttings (topsoil and micaceous earth excluded). In the event of poor quality or insufficiency, materials from the best borrowings approved by the Contract Engineer will be used, in accordance with articles B212.1, B325 and B326 of this document.

ARTICLE B211 - MATERIALS FOR BACKFILLS

The materials for backfill under the foundation of structures or canals must come from a loan approved by the Control Engineer.

The materials must be clean and sound and will meet the following characteristics:

- Plant element content less than 1%;
- Granulometry: no elements greater than 100 mm;
- Plasticity index: less than or equal to 40;
- Lift: the immediate CBR bearing index (natural W) must be greater than or equal to 10 for compaction at 95% O.P.M.;
- Linear swelling less than 3%.

ARTICLE B212 - MATERIALS FOR FILTERING

The materials of the filtering layers offered under the canals and structures will be made up of all-round materials screened from rivers or approved quarries. The materials will be cleared of elements with a diameter greater than the maximum grain diameter allowed for the constitution of the filter or the foundation layer.

The vertical filters may be made of ENKADRAIN SK 20 type filter materials or similar.

B212.1 - Sand

The sands constituting the filter must be clean, healthy and durable and contain no significant quantities of platelets or needles. Their particle size curve must correspond to the following table:

SIEVE (mm)	SIEVED	
	Max	Min
4,000	8	0
2,000	10	0
1,000	20	3
0,500	50	10
0,250	90	50
0,125	100	85
0,063	100	96

B212.2 - Gravel

The gravel used in the filters should be clean, healthy and durable. The grain size depends on the sand used for the filter and must comply with the following characteristics:

(D 50 gravel / D 50 sand) including 12 and 58

(D 15 gravel / D 85 sand) including 5 and 10

(D 50 gravel D 15 sand) including 12 and 40.

The Contractor will present to the Contract Engineer a sample of the gravel + that he proposes to use for the filter.

B212.3 - Geotextile

The geotextile must meet the following specifications:

- Weight greater than 200 grams per square meter
- Tensile strength greater than 100N / cm
- D / 90 less than 200 microns.

B212.4 Barbican

The barbicans are in P.V.C. of diameter 25.4 mm. They will be applied for the drainage of filters (rectangular channels and scuppers). The length of the pipes is equal to the wall thickness plus half the thickness of the filter layer.

ARTICLE B213 - WATERPROOFING DEVICES

Sealing gaskets for box culverts and rectangular channels must have the following characteristics:

- Tensile strength greater than 20.4 N / mm²
- Elongation at break greater than 400%
- Minimum width: 260 mm
- Minimum thickness: 9 mm.

ARTICLE B214 - CONCRETE PIPES

Not applicable

ARTICLE B215 - PVC PIPES

Sanitation series PVC pipes will be used for the pipes and sheaths. These pipes must meet the French standards specified in fascicle 71 of the C.C.T.G. in particular AFNOR T54-002, T54-003, T54-016, T54-028, T54-029 and T54-038 standards.

ARTICLE B216 - ROAD MOLDS

The manhole covers, drain screens etc. located in the right-of-way of the roadway will be in unalloyed spheroidal graphical cast iron, class 400.

ARTICLE 217 - dry packing

The riprap will be of N 4 hardness, semi-firm quality, and comply with the standards of booklet 64 of the C.C.T.G.

ARTICLE B300: METHOD OF WORK EXECUTION

ARTICLE B301 - GENERAL PROVISIONS

B301.1 General

The Co-contractor will take all the necessary measures to avoid accidents of any kind that could occur as a result of the work.

Access to the site must be strictly prohibited to the public or to any person outside the site. Signs with large print will be placed at the main entrances to the site.

The Co-contractor must also submit to all regulatory safety measures. He will be responsible for all accidents occurring on the site and caused by the work to third parties, to his staff and to civil servants of the administration.

All precautions will be taken by the Co-contractor and at its expense to maintain safe traffic on the routes covered by the works. He will submit for the approval of the Contract Engineer the arrangements he intends to take for the establishment of detours and the maintenance of all the routes used to ensure traffic during the work.

B301.2 - Water drainage

The Co-contractor must, under its responsibility, organize its site in such a way as to get rid of all kinds of water, to maintain the flows and to take all the necessary measures so that these are not prejudicial to the temporary works necessary for the evacuation. Run off or infiltration water.

The Co-contractor is required to have sufficient number and power of exhaust pumps on site. The Contract Engineer may limit or prohibit exhaustion if it is likely to cause damage to neighbouring installations.

B301.3 - Presence of public interest network

When work must take place, in whole or in part, in the vicinity of existing networks, the Co-contractor will notify the concessionaire companies and services concerned in order to examine with them in good time the conditions for moving or protecting the structures.

The Project Owner will provide all the information in his possession but will not be held responsible for errors, omissions, modifications, concerning the presence and installation of existing networks. Execution studies and network travel costs are the responsibility of the Co-contractor.

The route of the existing networks and structures will be recognized by the Co-contractor before the start of the works. During the duration of these, the Co-contractor will take all measures to ensure the protection of these structures, and ensure the connection of local residents.

ARTICLE B302 - GENERAL SETTING OUT

Before any work begins, the Co-contractor will mark the axes of the tracks and delimit the rights-of-way in order to proceed with the demolition of the existing structures after the agreement of the Contract Engineer.

B303.2 - Basic Pegging

After preparation of the platform and before any start of earthworks, the Co-contractor will set up the base points of the main picket line (layout of axes) from the data from the layout plan of the tender and construction documents. the polygonal, which he will have previously checked.

It will then be contradictory to the verification of this solidly founded implantation in the form of a truncated pyramid at the square base 0.50 m high, carrying at their axis a rod of sealed concrete reinforcement. Each terminal will bear the characteristic number of the point it materializes.

The Co-contractor remains responsible for this installation and will bear all the unnecessary work which would result from a bad installation, before as after verification thereof.

B302.3 – survey of natural ground - Additional pegging

When the main picketing is accepted, the Co-contractor will carry out at its own expense a contradictory survey of the natural terrain (TN) along the axes of the tracks on all the cross sections and wherever the works forming part of its services must be carried out. The survey shall include side points every 5 m at most on the cross sections, spaced no more than thirty (30) meters apart.

In addition, the stake of the axis of the tracks must be moved and marked by solid markers on a line parallel to the axis on one side only at a fixed distance and out of the right-of-way of the earthworks.

After the execution of the general picketing, the Co-contractor will carry out the levelling of these points, attached to the general levelling of Cameroon. He will have to fix along the outline of the solid side marks and as many as will be necessary for the good execution of the work.

The Co-contractor must agree to any verification that the Contract Engineer decides to have carried out. He will keep the equipment, devices and personnel authorized to carry out these control operations at the disposal of the Contract Engineer.

B302.3 – conservation of pegging

The Co-contractor is required to ensure the conservation of the picketing and levelling points, to restore or replace them if necessary either in their original location, or by moving them if the progress of the work requires it, but in giving all references to the modifications thus made.

ARTICLE B303 - PRELIMINARY WORK

ARTICLE B304 – BUSH CLEARING

The Co-contractor will carry out the general clearing of the land, the felling of trees and their stump removal, as well as the evacuation of all the corresponding elements outside the site, in a place approved by the Contract Engineer. On the instructions of the inspection engineer, certain trees may be preserved as long as they do not constitute an obstacle to the execution of the work.

ARTICLE B305 - VOID

All natural or artificial cavities such as wells, sumps, septic tanks, location of stumps located in the right-of-way of the works will be emptied and backfilled with compacted sand after the agreement of the Contract Engineer.

Only the floor areas of cavities more than 1 meter deep to be treated will be taken into account in the attachments.

ARTICLE B306 – SCRARIFICATION

In the event of the expenditure of topsoil, the stripping will be on the right-of-way of the earthworks and on a thickness defined in agreement with the Contract Engineer. The topsoil

thus extracted will be transported to places approved by the Contract Engineer and placed in geometric mass storage. It will be reused for the development of green spaces.

ARTICLE B307 - DEMOLITION

The contractor must demolish constructions, hedges, fences, etc. existing in the right-of-way of the work to be carried out. The masonry encountered will be levelled 0.50 meters below the level of the excavations to be opened.

The demolition of constructions of all kinds can only be undertaken after delimitation of the rights-of-way and the establishment of an inventory report, specifying the constructions or portions of construction to be demolished before starting the demolition work, quantities will be established by a joint mission of the contractor and the Contract Engineer. All costs of establishing quantities such as additional excavation etc. will be included in the unit prices for this work.

Demolitions made before this mission will not be remunerated.

Demolitions and restorations not envisaged by the project will be the responsibility of the contractor in accordance with article A 305 of the CPS.

Incineration of materials is prohibited on the site.

The use of explosives to demolish the structures is strictly prohibited.

All water, electricity and telephone connections must be disconnected before demolition, in agreement with the concessionaire services and at the contractor's expense.

ARTICLE B308 - DUMPING SITE

All products and materials to be removed from the site may be deposited at the expense of the Co-contractor:

- At the public landfill in agreement with the Contract Engineer and the Town Hall,
- In a place specified by the Contract Engineer on the municipal territory,
- In a place proposed by the Co-contractor with the agreement of the Contract Engineer

The excavated material placed in permanent storage will be levelled and levelled according to the instructions of the Contract Engineer.

ARTICLE B309 - EARTHWORKS

ARTICLE B310 - TOP SOIL SCRAPPING

In the event of the expenditure of topsoil, the stripping will be on the right-of-way of the earthworks and on a thickness defined in agreement with the Contract Engineer. The topsoil thus extracted will be transported to places approved by the Contract Engineer and placed in geometric mass storage. It will be reused for the development of green spaces.

ARTICLE B311 - MOVEMENTS OF SOIL

The Co-contractor shall submit for the approval of the Contract Engineer within fifteen (15) days from the date of the start of the works, a land movement project.

This project must indicate in particular the deposit areas, the transport distances, the volumes of soil transported and the quality of the materials, defined by geotechnical tests at the expense of the Co-contractor.

ARTICLE B312 - PURGE OF BAD SOIL

In areas where the need will be recognized by the Contract Engineer, the contractor will remove poor soil.

The zones and the depth will be established on site contradictorily between the contractor and the Contract Engineer. The soil will be removed from the site under the same conditions as the demolition products.

ARTICLE B313 - REQUIREMENTS APPLICABLE TO EXCAVATED EARTHWORKS(Platform)

B313.1 - General indications

The excavation will be done in accordance with the execution plans, established by the Co-contractor and approved by the Contract Engineer, for the construction of the platforms and collections.

The final profile will be produced in a single continuous operation up to the level of the level of the earthworks. The embankments will be adjusted to their final profile.

The Co-contractor must maintain a sufficient slope on the surface of the excavated parts and carry out in good time the slits, channels and temporary works.

Rainwater or runoff will be directed away from the site by measures not causing any disturbance to local residents or existing installations.

The Co-contractor must have the Contract Engineer approve the procedure guaranteeing the preparation of excavation bottoms under backfill according to article B326. The attachment of the cuttings will only be carried out after perfect completion of the fill.

The excavated material not reused as backfill due to its poor quality will be evacuated to the public landfill or to places approved by the Contract Engineer.

B313.2 - Different categories of cuttings

The excavated material is classified into five categories:

1 st catégorie : Cut fur purges	This category is made up with materials with $I_p > 10$ et un CBR > 10
2 nd Catégorie : Cut use as fill	This category is made up with materials with $I_p < 40$ et un CBR < 10
3 rd catégorie : Cut and throw	This category is made up with materials with $I_p > 40$ et un CBR < 10
4 ^{ème} catégorie : Déblais réutilisables en corps de chaussée	This category is made up with materials with $I_p < 35$ et un CBR < 40 (foundation)
5 th catégorie : Cut on rocky soil	This category is made using a tractor of 270CV.

Note:

The Co-contractor may only excavate rocky terrain with the prior consent of the Contract Engineer. The neighbouring unconsolidated land will then be sufficiently cleared to allow a precise assessment of the volumes of rock cuttings to be taken into account. A contradictory attachment must be drawn up before any start of execution.

B313.3 - Execution method of cuttings

Excavation in soft ground

The excavations in soft ground corresponding to the first four categories designated above will be carried out using mechanical devices. They will be sorted and deposited near their place of reuse or evacuated to the landfill if they are not reusable. Compaction of the form must be carried out so as to obtain, over a thickness of 30 cm, a density equal to 95% of the O.P.M.

If purges are necessary, the excavations will be carried out to the depth fixed by the Contract Engineer. The theoretical dimension of the cuttings will be made up by adding good soil which will be put in place as described in article B326 below for the embankments.

Excavation in rocky terrain

Close to the buildings, the excavation in rocky terrain will be carried out with a pneumatic hammer. The theoretical side slope will be caught up by adding fine rock cuttings.

ARTICLE B314- BORROW PIT

In the only case where the Co-contractor would be obliged to resort to borrowing materials, due to a lack of reusable cuttings as backfill, the exploitation of quarries and borrow pits can only begin after written authorization. of the Master of Work. This authorization may be withdrawn at any time if the Contract Engineer considers that the exploited deposit no longer yields materials of satisfactory quality.

The Co-contractor may not claim any compensation on this account. It is specified that, if the careers and loans prove to be insufficient or if the quality of the materials is such that the Contract Engineer has to refuse them, the Co-contractor will do his business to find new careers.

The materials from these new quarries will be subject to the approval of the Contract Engineer in the event of non-acceptance, the Co-contractor will be required to resume the search for quarries or deposits of materials meeting the requirements set and the necessary quantities.

The Co-contractor will bear all the operating costs of the borrow pits and quarries and in particular:

- the opening and development of access tracks;
- clearing and deforestation, removal of plant soil or unwanted cover materials and their storage outside the limits of the loan;
- restoration of the site after quarry operation.

The drainage of the borrow rooms must be done efficiently.

All measures must be taken so that runoff water can flow normally outside the limits of the borrow areas.

ARTICLE B 315 - REQUIREMENTS APPLICABLE TO FILL

B 315.1 - Different categories of backfill

Embankments are classified into four categories:

- Category 1 :	Compacted fill (IP < 40 et CBR > 10)
- Category 2 :	Fill in swampy areas (IP < 40 et CBR > 10)
- Category 3 :	Fill for platform (IP < 40 et CBR > 15)
- Category 4 :	Remblais mis en dépôt (IP > 40 et CBR < 5).

B 315.2 - Origin of Materials

The materials used in the constitution of the backfill will come either from the excavations or from the quarries or from the borrow pits proposed by the Co-contractor and approved by the Contract Engineer.

B 315.3 - Preparation of the platform under fills

The additional compaction preparation is carried out, if necessary, over the entire width of the embankment right-of-way.

Compaction will be carried out so as to obtain a dry density of the compacted soil at least equal to 90% of the dry density of the Optimum Proctor modified over a thickness of at least 25 cm.

Under the embankments, picking and ploughing over a maximum thickness of 0.10 m will be compulsory as soon as the transverse slope of the land is greater than 10%. If this slope exceeds 20%, it would be practiced rigging steps arranged in accordance with the opinion of the Inspection Engineer.

Preparation of land under backfill will be received before backfilling. In the event of water coming under the influence of the embankments, the Co-contractor will carry out any necessary drains; the method of execution and the type of drains to be used will be subject to the approval of the Inspection Engineer.

B315.4 - Mode of execution of fills

The backfill in ordinary terrain must comply with the specifications of article B212.1. They will be levelled over their entire width for the execution of embankments (or by half if necessary), in layers having a slope of 2%, on which the earthmoving and transport machines having been assigned to their execution will circulate in such a way as to exert on them a compression distributed as uniformly as possible.

The materials will be used in layers of maximum thickness, measured after compaction, of 20 cm over the entire width of the backfill up to the dimensions provided by the plans and profiles.

The profile of the embankments will be obtained by the excess backfill method, the dressing must be careful so that neither shanks nor irregularities appear. The embankments must be compacted to 90% of the O.P.N. (Optimum Proctor Normal).

The work must be carried out in such a way that after settling or compression, the profiles indicated are carried out to the tolerances fixed by article B 327 below.

It is expressly specified that the earthworks will be restarted each time the degree of compaction required in article B328 of this C.P.T. could not be obtained. The materials will be used with a water content greater than 1% than the optimum content and with a tolerance of plus or minus 3%.

The embankments will be protected against erosion until they are received.

B 315.5 - Tests on fill

	Categories 1 and 2	Category 3
Granulometry, proctor, plasticity index, in-situ density and water content	1 for 500 m ³	1 for 250 m ³
Identification of CBR	1 for 1 000 m ³	1 for 500 m ³

ARTICLE B 316 - TOLERANCES ON EARTHWORKS

Les tolérances d'exécution des terrassements sont ainsi fixées :

Terrassements	Profils de la forme	Talus	Profil sous couche de forme
Cuts on normal	+ ou - 2 cm	+ ou - 10 cm	+ ou - 5 cm
Cut on rocky soil	+ ou - 4 cm	+ ou - 20 cm	+ ou - 10 cm
Fill	+ ou - 2 cm	+ ou - 5 cm	+ ou - 5 cm

The theoretical slopes of the embankments are as follows:

- in 1/3 cuttings (1 of the base for 3 of height);
- 2/3 embankments (2 from the base for 3 in height).

However, these slopes may be modified at the request of the Contract Engineer depending on the characteristics of the materials encountered or used, and in view of the results of soil tests.

ARTICLE B 317 - COMPACTION

Unless there is a specific exemption granted or prescribed by the Contract Engineer, the backfill will be methodically compacted by layers of maximum thickness, measured after compaction, 25 cm thick. Each layer will be received before the execution of the next. The method of performing the compaction will be subject to the approval of the Contract Engineer.

All the equipment that the Co-contractor proposes to use will appear on the list of equipment that will be attached to the offer. This list will mention the technical characteristics of the machines. Before any execution begins, the Co-contractor will calibrate its compaction equipment, the Contract Engineer will check the results of this operation.

The water content of the soils before implementation on the site must be able to be recognized on a regular, continuous and safe basis. The compaction will be checked daily and at any request from the Contract Engineer.

The approved materials which constitute the layers leveled on unloading must be homogenized and scarified. If necessary, with the motor grader and the harrow. The materials will be brought into the range of water content necessary to obtain the prescribed dry density taking into account the compaction energy required (site test diagram), if they are too dry, the materials will be sprayed with water. regularly before and during compaction operations. On the contrary, if the materials turn out to be too wet, the Co-contractor may bring them back to an acceptable level by prior drying activated by mechanical ventilation, harrowing or ploughing.

Otherwise, the site will be stopped if the company fails to accept the subjection to open a new loan deemed satisfactory. In any event, these soils will only be implemented with the agreement of the Contract Engineer, who may prescribe their assessment outside the site and who remains the sole judge of the duration of the site shutdown. This will be extended until the soils to be used are in the conditions necessary to obtain satisfactory compaction without the Co-contractor being able to consider itself entitled to claim any compensation whatsoever for fixed assets.

It is expressly specified that the earthworks will be interrupted whenever the degree of compaction required in this article cannot be ensured. The materials will be used at a water content close to the optimum water content to within plus or minus 2%. Evaporation must be taken into account, which in the dry season is important.

The different minimum degrees of compaction to be achieved will be for 90% of measurements in all cases greater than the following values:

	Mini	Tolérance (10 % de mesure)
- Soil receiving fills	90 % OPM	88 % OPM
- Corps de remblais	90 % OPM	88 % OPM
- last coat of fill (	95 % OPM	92 % OPM
- foundation	90 % OPM	95 % OPM
- base course	95 % OPM	96 % OPM

In the event of deterioration due to the settling of the embankments or to the insufficiency of their characteristics, the Co-contractor may in no way be turned against the Project Owner and must take over the damaged areas at its expense.

ARTICLE B 318 - GRADING OF THE PLATFORMS

After earthworks, the platforms and embankments must be adjusted and cleaned in the right-of-way of the works.

All measures will be taken to ensure the evacuation of runoff water without gullyng and without harming riparian properties.

ARTICLE B 319 - (PLATFORM)

ARTICLE B 320 - FINISHING OF FORM BEDS

After compaction, the profile of the platform, shoulders and approaches will be adjusted so as not to reveal a difference greater than 2 cm below the four-meter rule.

The Contractor will request in writing to the Employer the reception of the platforms. He must provide a register of density checks on the section considered: two checks every 50 m or one check per profile alternating the measurements.

ARTICLE B 321 - EXECUTION OF THE FOUNDATION LAYER

The foundation layers will comply with the requirements of article B213. It is specified that the thicknesses will be given for information only. It is the Co-contracting party's responsibility to have all the necessary tests carried out at its own expense on the materials it proposes to use. In view of the results of these tests, the Contract Engineer may possibly prescribe other thicknesses.

After approval by the Earthworks Platform Inspection Engineer, the Co-contractor will apply the layer of materials over the entire width of the platform and to the minimum thickness required, in layers of 15 cm of minimum thickness and 25 cm maximum thickness depending on the grain size.

The in-situ compaction water content should not exceed by two points the optimum water content given by the modified proctor test.

Compaction will be carried out so as to obtain a dry density in situ at least equal to 97% of the maximum density given by the modified proctor test. It will be performed with a tire roller, tamper or vibrating feet.

The Contract Engineer will also check the prescribed minimum thicknesses. These checks may be carried out at the locations of the density measurements in place or at different locations designated by the Contract Engineer.

The minimum layer thicknesses must be respected at all points; the altimetry tolerance is plus or minus 2cm from the project coast. If these minimum thicknesses and the prescribed altimetry tolerance were not respected, the Co-contractor would be required to take over the section concerned at its own expense, either by supplying materials or by removing the material from excavation. In both cases, he will have to scarify the layer and recompact it.

The Co-contractor will take all necessary steps to avoid leafing.

ARTICLE B400 - EXECUTION OF DRAINAGE WORK

ARTICLE B401 - GENERAL INDICATIONS

The water purification network will be carried out before the execution of the pavements, surfacing and sidewalks.

The Co-contractor must check all the dimensions and indications of the plans provided to it and ensure that they agree on the various plans and drawings.

Before the opening of the trenches, the Co-contractor will materialize by all stakes and chairs, the axes of establishment. This installation will be the subject of an acceptance report.

ARTICLE B402 - EARTHWORKS

ARTICLE B403 - EXECUTION OF TRENCHES AND EXCAVATIONS

The trenches are established at each point at the depth indicated on the longitudinal profile, increased by the height of the laying bed for the circular pipes and the thickness of the base for the channels and scuppers; the excavation bottom, made of a material conforming to article B212.3 over 0.30 m thick, will be adjusted to the side of the project after compaction to 90% of the OPM.

When a trench is opened under the road or under existing sidewalks, the Co-contractor begins by carefully cutting out the materials that constitute the coating as well as those of the foundation on the right-of-way of the trench, without disturbing or damaging the neighbouring parts.

When rocky banks are encountered in the trenches, they must be levelled at least 20 cm below the bottom of the excavation and replaced on this thickness by fine earth or sand.

Any excess depth of the excavation bottom due to the company will be carefully backfilled and tamped in successive layers with materials in accordance with articles B212 and B326, at the expense of the Co-contractor.

When carrying out the earthworks, the Co-contractor must take all necessary measures and comply with the rules of the art to ensure the proper completion of the work, in particular.

- rock excavation or any other arrangement making it possible to fragment or loosen rocky or very hard terrain,
- exhaustion, shoring, shielding, comfort works of any kind to ensure both the safety of the personnel and the possibility of correctly carrying out the planned works.
- devices allowing the good conservation of works and pipes.
- all constraints are the responsibility of the Co-contractor, even if they are not explicitly mentioned in the documents of the contract.

The means to be implemented and the methods of execution are left to the initiative of the Co-contractor, but the Contract Engineer reserves the right to refuse his approval to any provision he deems unsuitable or dangerous.

ARTICLE B404-EXECUTION OF THE TRENCHES USING MECHANICAL GEAR

The use of mechanical devices is authorized except on certain sections which would be specified by the Contract Engineer during the picketing depending on the vicinity of certain buildings, structures, pipes, or existing cables.

ARTICLE B405 - SHORING AND SHIELDS

Not applicable

ARTICLE B406 - DRAINAGE UNDER PIPELINE AND STRUCTURE

Not applicable

ARTICLE B407-DRAINAGE NETWORKS

In case of any damage the Contractor will repair according to the norms specify below.

ARTICLE B408 - LAYING OF PIPES AND THEIR ACCESSORIES

B408.1 General

Pipe handling and storage

The handling of pipes of all kinds must be done with the greatest care. The pipes are deposited without brutality on the ground or in the bottom of the trench and it is advisable to avoid rolling them on stones or on the rocky ground without having first formed tracks using planks.

Any pipe that a wrong manoeuvre has dropped from any height whatsoever must be considered suspect and may only be laid after a new check.

The pipes must be temporarily stored on the site on a level surface. Wooden wedges will be placed under the lower bed at least every meter so that the sockets are not in direct contact with the ground. The storage height must not be greater than 1.5 m, stakes or side support sides will be provided.

As far as PVC pipes are concerned, every precaution must be taken to protect them from direct sunlight during works.

Examination of the pipes before laying

At the time of their installation, the pipes will be examined inside and carefully free of any foreign bodies which could have been introduced there. The Co-contractor bears full responsibility for this verification.

Pipe cutting

Depending on the requirements of the installation, the Co-contractor has the option of cutting the pipes. Every precaution should be taken so that the operation is only performed when absolutely necessary and as infrequently as possible.

The cut should be made with sharp tools or with chainsaws or saws, in order to obtain clean cuts.

The chute will always bear on the male side and the Co-contractor will take great care to ensure that the new male end produced by the cut is smooth and that it provides with the fitting to the neighboring pipe a joint as solid as with a bot ordinary.

Laying of pipes in trenches

After receipt of the excavation funds by the Contract Engineer, the pipes will be carefully lowered into the trench and well presented in the extension of each other, facilitating their alignment by means of temporary wedges made up of packed earthen clods or wedges. in wood. Temporary setting with stones is prohibited.

The pipes will be laid in a well aligned line and with a regular slope between two consecutive manholes.

The pipes will be laid from downstream, and unless otherwise prescribed by the Contract Engineer, the socket, when it exists, will always be directed upstream.

At each stoppage of work, the ends of the pipes being laid will be sealed to prevent the introduction of foreign bodies. It is forbidden to take advantage of the play of the assemblies to offset the successive pipe elements by an angular value greater than that permitted by the manufacturer. Unless special provisions approved by the Contract Engineer, the pipes will be laid in trenches in such a way as to ensure, after backfilling, an earth cover of a minimum height of 70 cm above the upper external generatrix of the pipe. when it is placed under a sidewalk and 1 m below the road.

Method - Assembly - Installation of joints

Before placement, the male and female ends will be cleaned. Before fitting, the gaskets and the male and female ends will be lubricated, if necessary, with a special paste.

After making the joint, there must remain, between the male and female ends, inside the socket, a longitudinal clearance allowing the expansion or withdrawal of the pipes.

Pipe laying tolerance

The collectors must be made in accordance with the "watercourse" sides of the execution project with the tolerance on the sides measured at each consecutive inspection manhole:

For slopes greater than 0.003 m / m, the execution tolerance with respect to the project coast is plus or minus 1 cm.

For slopes less than or equal to 0.003 m / m, the execution tolerance in relation to the project dimensions is ± 0.5 cm.

The regularity of the slope of the collector between two consecutive manholes will be checked with the same tolerances as above.

The buffer slopes will be wedged in relation to the roadway or the natural terrain with a tolerance of ± 0.5 cm.

B408.2 - Special requirements relating to the laying of concrete pipes

In the event that concrete pipes are provided for stormwater drainage, they will be laid according to the following prescriptions.

For collared pipes, the end is placed in the socket of the neighboring pipe so that it is concentric. The joint is made using a cement mortar filling to the bottom of the groove, and must be protected externally during setting by a light layer of sand. All cement burrs appearing inside the pipes will be carefully removed.

ARTICLE B409 – INSTALLATION OF FILTER DIVICES

These works will be carried out in accordance with the approved detailed plan. They must withstand the thrusts of the earth, loads and overloads to which they will be subjected in service. In addition, they must ensure excellent sealing. For this purpose, a waterproof coating or M500 mortar with the addition of SICA or similar product will be applied inside the manholes on the walls and the raft foundation.

The structures will be made of reinforced concrete or very carefully vibrated poured concrete. The thicknesses will not at any point be less than 10cm. The Co-contractor may however offer any other construction technique for which he will justify the guarantees of stability and waterproofing.

The interior faces will be smooth and waterproof. The connection of the pipes to the concrete structures will be carried out so as to allow adhesion to the walls.

The foundation concretes which are poured on riprap must be carefully vibrated so that the penetration is good and ensures a perfect bond. The manholes located under the carriageways will be made entirely of reinforced concrete.

The manholes located under sidewalks or off the road, and with a depth less than or equal to 2.00 m will be made of BQ2 concrete at 300 kg. For depths greater than 2 m, the manholes will be made entirely of reinforced concrete.

The manholes comprising a cunette of height equal to the radius of the pipe on which they will be built, and two slopes inclined at 10° connecting to the walls of the manhole. The PVC collector will pass entirely through the manhole. The shallow gutter (cunette) will be obtained by cutting the upper half-part of the pipe, over the entire width of the manhole. This arrangement ensuring the perfect continuity of the "thread of water".

In the event that manholes are provided for the rainwater network, this shallow gutter (cunette) will be obtained by a carefully smoothed concrete form to which the inlet and outlet pipes are connected.

The manhole closing buffer frames will be sealed with M600 cement mortar, in the manhole crown rabbet, so as to allow careful connection to the roadway or sidewalk.

The cells of the cast iron plugs will receive a concrete filling of the asphaltic or hydraulic binder, sprayed at the level of the ribs. The surfaces of the cells perfectly cleaned with the filling.

The composition and implementation of concretes and mortars will be in accordance with the prescriptions of article B205.

The drains will be fitted with grids with cast iron frame type PAM RE 30H6FD or similar with a breaking strength greater than 30,000 daN / cm².

There are two types of outlets:

- Low type for connection to surface network or underground network, under road crossing, height $h = 0.50$ m
- High type for connection to an underground network with crossing of the roadway height $h = 1.20$ m.

ARTICLE B310: DRAINAGE NETWORKS.

ARTICLE B411 - PIPELINE TESTS

The leak tightness tests of the collectors will be the subject of a report, and will be carried out before any start of the backfill, with the exception of the jumpers which can be carried out outside the joints to keep the pipes in place.

The pipes will be cleaned before testing.

The contractor is responsible for informing the Inspection Engineer of the manifold sections in condition to be tested. The Testing Engineer will immediately set the date for testing on one of the working days following the Contractor's request.

The contractor will be responsible for providing: personnel, water, equipment (solid plates, stops, test pump necessary for carrying out the tests; the section to be tested will be filled with water 24 hours in advance.

He will remedy any leakage found during the test by carrying out any repairs immediately and at his expense.

The tests, which will be the subject of reports drawn up between the inspection engineer and the contractor, will be carried out under the following conditions:

The tests will be carried out from side to side. Each section of pipe subjected to the test is closed downstream by a sealed plug. The upstream manhole is filled with water: No leak must occur in the pipe or at its joints. The water loss tolerances will comply with the prescriptions of the CCTG booklet N - 70.

When the pipeline is established in permeable ground, or below the water table, the tightness of the pipeline is also observed after the pipes and manholes have been dried. In all cases, and unless otherwise prescribed by the Control Engineer, the duration of the test after filling in water will not be less than 1 hour, after this period, the pipes and joints will be inspected.

- The contractor is responsible for repairing any defects found. A new test will then be carried out.
- The tests will be the subject of reports drawn up between the inspection engineer and the contractor.

ARTICLE B412 - GENERAL TEST OF UNDERGROUND SANITATION NETWORKS

Not applicable

ARTICLE B413 - CONSTRUCTION OF GUTTERS AND BOX CUVERTS

The concrete gutters as well as the culverts for crossings of roadways, discharge works and discharge works will be executed in accordance with the detailed plan and the prescriptions of this CCTP relating to the construction of concrete works.

The interior facings of structures, rafts and walls will receive a waterproof coating (addition of water repellent) perfectly prepared and smoothed. No fault will be tolerated that would damage the proper flow of water.

ARTICLE B414 - MAINTENANCE DURING THE WARRANTY PERIOD

The Co-contractor is required to carry out, during the warranty period, all repairs and replacements which may prove necessary on the pipes and structures. The expenses resulting from this work are only borne by the Co-contractor if the defects observed arise from the materials or products supplied or the implementation.

The Co-contractor is required to carry out, at its own expense, the replacements and repairs prescribed by the Project Owner, after formal notice has remained ineffective.

The obligations thus imposed will continue, if necessary, until the works have been put in a state of final acceptance.

ARTICLE B 500 - METHOD OF EXECUTION OF HYDRAULIC STRUCTURES

The civil engineering works will be carried out in accordance with the prescriptions of the CCTG booklet N ° 65.

ARTICLE B 501- EARTHWORKS

- Excavations:
- Are considered as excavations the deadlines executed under the right of works in accordance with article B317.
- The excavations will be carried out either mechanically or manually and may require operations of depletion, pumping, shielding, drainage and evacuation of the excavated material in a place approved by the Inspection Engineer.
- The excavation base must have the same characteristics as the shaped bases defined in article B210.

♣ Backfilling of excavations:

- The materials for the backfill of the excavations will conform to article B326. These embankments will be methodically compacted.

- The maximum thickness of each elementary layer of backfill must not exceed, after settlement, 20 cm. The dry density of the backfill in place must reach 90% of the dry density of the Optimum Proctor Normal.
- **CONCRETE PRODUCTION AND TRANSPORT**

♣ Production:

- The concrete will be manufactured mechanically by simultaneous mixing of all its constituents which must be introduced into the mechanical device in the following order:
 - - Medium and large aggregates;
 - - Cement;
 - - Sand;
 - - Water.
- The contractor will only be able to proceed differently if it is demonstrated that this results in better homogeneity of the concrete components. In all cases, the manufacture of dry mixes for the subsequent addition of water is prohibited.
- The proportion of water introduced into the mixture will be measured either by means of special devices included in concrete mixers or mixers, or by means of receptacles of defined capacity. Unless otherwise prescribed by the inspection engineer, the manufacturing equipment must allow the aggregates, binder and water to be dosed at 5% respectively.
- Volumetric feeders will be prohibited for solid elements whose proportion is fixed by weight. The proportions must be modifiable during execution by adjusting the devices. The methods and materials used for the manufacture of concrete will be subject to the approval of the Inspection Engineer. Manual manufacture of concrete can only be authorized for small quantities and after approval by the Control Engineer.

♣ Transport:

- The concrete must be transported under conditions which do not give rise to the segregation of the elements, nor to the beginning of setting before implementation.
- All precautions must be observed to avoid excessive evaporation during transport and the intrusion of foreign bodies. When the descent of the concrete is greater than 1.50 m, metal chutes will be used.

PLACEMENT AND CURING OF CONCRETE

♣ Implementation of concrete

For the implementation of concrete, the Contractor will need the agreement of the Control Engineer who will give his approval or his instructions as soon as possible given the nature of this work.

The concretes will be implemented as soon as possible after manufacture after agreement of the Inspection Engineer. Concrete which is not in place within 60 minutes after the introduction of water into the mixer, which has dried out or has started to set, will be rejected. The concretes will be placed in exhausted enclosures from which any danger of washing will have been eliminated. The placement of the clean concrete will be completed by ramming. Quality concretes will be vibrated in the mass.

♣ Concrete vibration:

It will only be approved for vibrations at high frequency, from 9000 to 20000 cycles per minute. The finishing of the slabs and slabs will be carried out by surface vibration.

♣ Reprise of concreting:

Reinforcements will only be tolerated on condition that they comply strictly with the formwork joints. Before resumption, the facings must be transplanted, cleaned and pressure washed. A concrete pour can only be poured over the previous one if the latter has not started to set; in this case, the resumption must be postponed for 48 hours.

♣Concrete curing:

The concrete will be protected from the sun from the moment it begins to set. Its cure by humidification must begin as soon as having completely taken, it is no longer likely to be altered by the water flowing on its surface.

Current concrete curing will be carried out in such a way as to maintain the concrete facings in a state of permanent humidity.

The free surfaces and their formwork will be watered to saturation as frequently as required by the hygrometric state of the atmosphere and sunlight.

If necessary, the contractor will have doormats, mats and canvases to protect free surfaces. The free surfaces of quality concrete will be protected by bench tops, mats or canvas. The protections and formwork will be kept running day and night by permanent mechanical watering. The curing of the concrete will consist in maintaining them under running water and without gaps or under a permanent atmosphere of fog.

The cure will be maintained for 7 days or until a compressive strength of 16 MPA is obtained. The use of chemicals will be subject to the approval of the Testing Engineer.

FACING

Exterior facings not seen will be kept unworked. They should be uniform in colour, no stone nest should be visible.

Visible exterior facings must be perfectly smooth, which will be achieved by using good quality formwork.

REINFORCED CONCRETE WORKS

General description

The contractor is required to carry out the work completely dry. Where the concrete is placed directly on the earthen excavation bottom, it will first be levelled, compacted, cleaned and protected against water or deterioration and will be accepted by the inspection engineer.

Until the concrete has set sufficiently, the surfaces will be protected against standing or running water. In rainy weather, pouring concrete is strictly prohibited except under shelter.

Lean concrete

Before placing the concrete on the ground, or on the draining layer, a layer of cleanliness will be implemented with a minimum thickness of 50 mm levelled with a shovel and levelled in order to obtain a clean and flat work surface.

The cleanliness layer must have sufficiently set before pouring the reinforced concrete. The contractor must take care that the concrete mix for the cleanliness layer does not contain too much water to avoid clogging the layer of possible drainage gravel.

Formwork

The formwork must be strong enough to resist any deformation after placing the concrete, waterproof, and must comply with the specifications of booklet N ° 65 of the CCTG.

The use of wire through concrete will be prohibited. Only specially designed bolts with easily removable cones will be admitted.

All the parts to be introduced into the concrete must be firmly fixed. Spaces may be reserved for the subsequent sealing of bolts at the approval of the Inspection Engineer. Immediately

before placing the concrete, the forms will be thoroughly cleaned and completely wetted inside.

The formworks will be constructed in such a way that they can be partially removed without touching the supports, which must remain in place for a longer time. Removal of formwork will only be permitted when the characteristic resistance reaches the value of 10MPa and when the concrete is able to support its own weight.

Formwork stripping requires the prior approval of the Control Engineer and will be the sole responsibility of the contractor.

The edges of exposed concrete surfaces will be provided with chamfers. Chamfers will be 20 mm or as specified by the Inspection Engineer.

Protection of concrete against high temperatures

The contractor shall take all necessary measures to keep the concrete as cool as possible. The temperature of the mixture at the time of pouring will not exceed 32 ° C.

The free surfaces of quality concrete will be protected by mats, mats or canvas. The protections and formwork will be kept running, day and night by permanent mechanical watering. The curing of the concrete will consist in keeping them under a running water and without gaps or under a permanent atmosphere of fog.

The cure of the concrete will be maintained for 7 consecutive days or until a compressive strength of 13MPa.

Chemicals will only be applied for curing after approval by the Testing Engineer.

The passage of means of transport over fresh concrete will only be authorized after sufficient setting of the concrete.

Finishing concrete surfaces

The concrete surfaces that will not be visible will be regular. Any stone nests will be transplanted and prepared with mortar or epoxy resins to a depth of 3 cm before backfilling the structures.

The concrete surfaces which will remain exposed must be perfectly smooth, which will be achieved by the use of good quality metal or wooden formwork that does not leave traces on the concrete.

Tolerances

The tolerances for concrete construction will be as follows:

- Deviation of the implantation 10 mm
- Deviation from the prescribed dimension 10 mm
- Deviation in unseen surfaces 20mm / 3m
- Deviation in the seen surfaces 10mm / 3
- Deviation of the dimensions of cross sections + 10 mm and - 5 mm

Structures that do not meet the accepted tolerances will be refused, demolished and the debris removed to landfills.

Opening to be reserved in the walls

The connections of the tertiary and quaternary sanitation canals will be made by the contractor following the instructions of the control engineer and the standard execution plans. The corresponding openings to be reserved in the concrete walls of works and drainage canals do not give rise to any special remuneration.

Sealing devices

Sealing devices conforming to the prescriptions of article B217 of the CCTP will be applied for expansion joints every 10 m.

The contractor will provide the necessary data for approval to the Inspection Engineer. The devices will be fixed and maintained in the correct position during the pouring of the concrete.

ARTICLE B502-PRODUCTION AND TRANSPORTION OF CONCRETE

Production

The concrete will be manufactured mechanically by simultaneous mixing of all its constituents which must be introduced into the mechanical device in the following order:

- Medium and large aggregates,
- Cement,
- Sand,
- Water.

The Co-contractor may only proceed differently if it is demonstrated that this results in better homogeneity of the concrete components. In all cases, the manufacture of dry mixes for the subsequent addition of water is prohibited.

The proportion of water introduced into the mixture will be measured either by means of special devices included in concrete mixers or mixers, or by means of receptacles of defined capacity. Unless otherwise prescribed by the Contract Engineer, the manufacturing equipment must allow the aggregate, binder and water to be dosed respectively at 5%.

Volumetric feeders will be prohibited for solid elements whose proportion is fixed by weight. The proportions must be modifiable during execution by adjusting the devices. The methods and materials used for the manufacture of concrete will be subject to the approval of the Contract Engineer. Manual manufacture of concrete can only be authorized for small quantities and after approval by the Contract Engineer.

Transport

The concrete must be transported under conditions which do not give rise to the segregation of the elements, nor to the beginning of setting before implementation.

All precautions must be observed to avoid excessive evaporation during transport and the intrusion of foreign bodies. When the descent of the concrete is greater than 1.50 m, metal chutes will be used.

ARTICLE B503-APPLICATION AND CURING OF CONCRETE

Placement of concrete

For the implementation of concrete, the Co-contractor will need the agreement of the Contract Engineer who will give his approval or his instructions as soon as possible given the nature of this work.

The concretes will be installed as soon as possible after manufacture after agreement of the Contract Engineer. Concrete which is not in place within 60 minutes after the introduction of water into the concrete mixer, which has dried out or has started to set, will be rejected.

The concretes will be placed in exhausted enclosures; from where any danger of washing will have been eliminated. The placement of the clean concrete will be completed by ramming. Quality concretes will be vibrated in the mass.

Concrete vibration

It will only be approved for vibrations at high frequency, from 9000 to 20000 cycles per minute. The finishing of the slabs and slabs will be carried out by surface vibration.

Reprise of concreting

Reinforcements will only be tolerated on condition that they comply strictly with the formwork joints. Before resumption, the facings must be transplanted, cleaned and pressure washed. A concrete pour can only be poured over the previous one if the latter has not started to set; in this case, the resumption must be postponed for 48 hours.

Concrete curing

The concrete will be protected from the sun from the moment it begins to set. Its cure by humidification must begin as soon as having completely taken, it is no longer likely to be altered by the water flowing on its surface.

Current concrete curing will be carried out in such a way as to maintain the concrete facings in a state of permanent humidity.

The free surfaces and their formwork will be watered to saturation as frequently as required by the hygrometric state of the atmosphere and sunlight.

If necessary, the other party will have doormats, mats and canvases to protect free surfaces. The free surfaces of quality concrete will be protected by bench tops, mats or canvas. The protections and formwork will be kept running, day and night by permanent mechanical watering. The curing of the concrete will consist in maintaining them under running water and without gaps or under a permanent atmosphere of fog.

The cure will be maintained for seven (07) days or until a compressive strength of 16 MPA is obtained.

The use of chemicals will be subject to the approval of the Contract Engineer.

ARTICLE B504-SLIDING

Exterior facings not seen will be kept unworked. They should be uniform in colour, no stone nest should be visible.

Visible exterior facings must be perfectly smooth, which will be achieved by using good quality formwork.

ARTICLE B 505 - REINFORCED CONCRETE WORKS

B 505.1 - General Description

The other party is obliged to carry out the work completely dry. Where the concrete is placed directly on the earthen excavation bottom, it will first be levelled, compacted, cleaned and protected against water or deterioration and will be accepted by the inspection engineer. Until the concrete has set sufficiently, the surfaces will be protected against standing or running water. In rainy weather, pouring concrete is strictly prohibited except under shelter.

B 505.2 - Layer of lean concrete

Before placing the concrete on the ground, or on the draining layer, a layer of cleanliness will be implemented with a minimum thickness of 50 mm levelled with a shovel and levelled in order to obtain a clean and flat work surface.

The cleanliness layer must have sufficiently set before pouring the reinforced concrete. The Co-contractor must take care that the concrete mix for the cleanliness layer does not contain too much water to avoid clogging the layer of possible draining gravel.

B505.3 - Formwork

The formwork must be strong enough to resist any deformation after placing the concrete, waterproof, and must comply with the specifications of booklet N ° 65 of the CCTG.

The use of wire through concrete will be prohibited. Only specially designed bolts with easily removable cones will be admitted.

All the parts to be introduced into the concrete must be firmly fixed. Spaces may be reserved for the subsequent sealing of bolts at the approval of the Contract Engineer. Immediately before placing the concrete, the forms will be thoroughly cleaned and completely wetted inside.

The formworks will be constructed in such a way that they can be partially removed without touching the supports, which must remain in place for a longer time. Removal of formwork will only be permitted when the characteristic resistance reaches the value of 10 MPA and when the concrete is able to support its own weight.

Formwork stripping requires the prior approval of the Contract Engineer and will be the sole responsibility of the Co-contractor.

The edges of exposed concrete surfaces will be provided with chamfers. The chamfers will be 20 mm or as indicated by the Contract Engineer.

B 505.4 - Protection of concrete against high temperatures

The other party must take all necessary measures to keep the concrete as cool as possible. The temperature of the mixture at the time of pouring will not exceed 32 ° C.

The free surfaces of quality concrete will be protected by mats, mats or canvas. The protections and formwork will be kept running, day and night by permanent mechanical watering. The curing of the concrete will consist in keeping them under running water and without gaps or under a permanent atmosphere of fog.

The curing of the concrete will be maintained for seven (07) consecutive days or until a compressive strength of 13 MPA. Chemicals will only be applied for curing after approval by the Testing Engineer.

The passage of means of transport over fresh concrete will only be permitted after sufficient setting of the concrete.

B 505 .5 - Finishing of concrete surfaces

The concrete surfaces that will not be visible will be regular. Any stone nests will be transplanted and prepared with mortar or epoxy resins to a depth of 3 cm before backfilling the structures.

The concrete surfaces which will remain exposed must be perfectly smooth, which will be achieved by the use of good quality metal or wooden formwork that does not leave traces on the concrete.

B 505.6 - Tolerances

The tolerances for concrete construction will be as follows:

- Deviation of the implantation 10 mm
- Deviation from the prescribed dimension 10 mm
- Deviation in areas not seen 20 mm / 3 m
- Deviation in the seen surfaces 10mm / 3 m
- Deviation of the dimensions of the cross sections + 10 mm and - 5 mm.

Structures that do not meet the accepted tolerances will be refused, demolished and the debris removed to landfills.

B 505.7 - Opening to be reserved in the walls

The connections of the tertiary and quaternary sanitation canals will be made by the Co-contractor following the instructions of the Contract Engineer and the standard execution plans. The corresponding openings to be reserved in the concrete walls of works and drainage canals do not give rise to any special remuneration.

B 505.8 - Sealing devices

Sealing devices complying with the requirements of article B217 of the CCTP will be applied for expansion joints every 10m.

The Co-contractor will provide the necessary data for approval to the Contract Engineer. The devices will be fixed and maintained in the correct position during the pouring of the concrete.

ARTICLE B 600 - EXECUTION METHOD OF SPECIAL FITTINGS

ARTICLE B 601 - PEDESTRIAN SAFETY DEVICE

Near intersections and on each side of pedestrian crossings, the flow of traffic from metal barriers made of Ø60 mm galvanized steel tube; fixed in concrete studs spaced 2.00 m apart in a straight line and 1.50 m in a curve. The height of the barriers will be 0.90 m. The barriers are fixed to the studs by means of a plate anchored to the stud and must be removable.

ARTICLE B602-ANTI-PARKING DEVICE

They will be identical to the devices described in article B601 with a barrier fixed at 0.50 m from the ground.

ARTICLE B 603 - SAFETY SLIDES (Guide Rails)

They will be standard types GS2 and GS4 in galvanized steel.

The installation tolerance in plan of the front face "execution side" of the sliding elements is more or less 3 cm compared to the position provided on the plans.

The height of the upper edge of the sliding elements in relation to the level of the ground or of the final coating directly above the slide will be 70 cm with a tolerance of more than 5 cm

and less than 10 cm. After assembly, a fine adjustment will ensure the parallelism of the sliding elements with respect to the roadway.

The supports will be in galvanized cast steel (type UAP100, UPM100 or C100x 50 x 25 x 5) 1.50 m in length and will be beaten after checking their vertical as well as that of the bell guide device.

In case of refusal of threshing before the head of the support has reached the imposed dimension, if the plug is at least equal to 50 cm and after agreement of the Project Owner, the contractor may cut the support at the imposed dimension and the drill.

If the plug is less than 50 cm, the contractor must tear off the support, drill through the obstacle then start driving again or carry out an excavation and drive the support into a foundation block with fine sand blocking previously implemented in this excavation.

The torn supports can only be reused after agreement of the Project Owner or his representative.

The Project Owner may require, at the expense of the contractor, the replacement of the supports which, after driving, show defects such as bending, tearing, buckling or warping. The sliding elements must be assembled in such a way that taken in the direction of the traffic, their end covers the origin of the following element. The bolt heads should be placed on the front "traffic side" face of the sliding elements.

ARTICLE B 604 - HAND RAILS

The guardrails will be composed of metal tube and galvanized steel in accordance with the detail and the execution plan established by the contractor.

ARTICLE B700 - CONDITIONS OF EXECUTION

Most of the work will be carried out under public traffic.

Article B701 - Qualities and tests of constituent materials. Materials brought to the site must be tested to know if it is good for use and can stand the quality expected

Article B702 - General provisions on supplies: Materials should be gotten from approve places of business or quarries

Article B703 - Manufacturing processes and control. Before the external control reaches the site, the contractor is supposed to do his internal control of quality and quantity before hand

Article B704 - Consistency of the work. Ther must be a planning giving the consistencies of the work to be executed and the chronology must be followed

ARTICLE 800 - MODE OF EXECUTION OF NETWORKS DISPLACEMENT IF ANY

ARTICLE B 801 - GENERALITIES

The networks located in the right-of-way of the roadways must be moved within the right-of-way of the sidewalks or protected in accordance with the standards of the concessionary services (CAMWATER - ENEO - CAMTEL - etc.)

The network movement plans provided in the ODA files are given for information only and must be verified and possibly completed by the Co-contractor who must also provide the projects and execution plans for the network movement.

It is up to the company to make the necessary arrangements so that the approval details of these plans are incorporated into the schedule of its work.

The attention of the Co-contractor is drawn to the fact that all measures must be taken to avoid damaging the networks supplying neighboring buildings and ensuring the connection of local residents during the work period.

ARTICLE B 802 - SITE RECONNAISSANCE

The search for existing networks will be carried out using reconnaissance trenches carried out manually at the expense of the company.

All precautions should be taken to avoid damaging the networks.

ARTICLE B 803 - EXECUTION OF THE WORK

The work will be carried out in accordance with the technical requirements imposed by the concessionary services and controlled by the applicants of the latter assigned to the Contract Engineer.

The cables and water pipes located under the existing roadway retained will not be moved or protected.

Cables and pipes with a diameter less than or equal to 200 mm under new pavement (widening or new tracks) will be left in place and protected by a concrete load distribution slab.

A distribution pipe will be placed under each sidewalk (PVC Ø 110 to 160 mm) to ensure the connection of local residents.

The network relocation projects will be carried out, at the expense of the Co-contractor, by a design office approved by the concessionaires, which will ensure the control and acceptance of the works.

The works must be carried out by companies approved by the concessionaires or by the concessionaires themselves (the tenderers must check with the concessionaires to take into account the conditions of execution of the works in the prices).

The backfilling of the excavations, the trenches, the repair of the roadways, the leveling and the cleaning of the surroundings are the responsibility of the Co-contractor, in accordance with the prescriptions of this CCTP.

The operational and commissioning tests are the responsibility of the Co-contractor, and will be carried out in accordance with the instructions of the concessionary services.

NB: The amount of network travel cannot exceed that set aside in the market. The co-contracting party's sales coefficient may not exceed 15% of the amount of the services of the subcontractors, including the costs of studies and control of the concessionaire.

As for other contract provisions, the amount to be considered is that of the subcontractor validated by the Contract Engineer, the Engineer and the Head of the Market Department, increased by the fixed sales coefficient of the company capped at 1.15 . In the case of compensation, it is the amount of the affected goods defined by the commission for the observation and evaluation of the implicated goods which is increased by 1.15.

ARTICLE B 900 - METHOD OF EXECUTION OF PLANTING.

The plantings will be carried out in accordance with the prescriptions of the CCTO booklet N ° 35.

ARTICLE B 901 - ORIGIN AND QUALITY OF TREES AND SHRUBS

The trees and shrubs will come from nurseries chosen by the contractor and subject to the approval of the control engineer. The latter may refuse suppliers who do not provide all the guarantees.

In any case, the plants must be acquired from nurserymen and not from resellers unless there is a firm agreement on a specific supply.

The plants must be of first choice and have undergone transplantation in a nursery. The plants must be healthy, of fair and marketable quality, well constituted, free from all blemishes and diseases, without moss or chapping and present all the characteristics of vigorous vegetation, the roots will be without abrasions, well cut, provided with a hairy enough abundant and preserved as much as possible in their integrity, those which we will be obliged to conceal must maintain 0.30 m in length at least.

The chosen species is *Callistemon cinnamom*. Planting will be done at 6-meter intervals.

All the plants will be delivered freshly pulled up and gauged if necessary.

The trees supplied must have a minimum height of between 2.00 m and 2.50 m. they will be placed in holes 1 m deep and 0.80 m in diameter minimum. Protective devices as well as guardians may be required.

The relocations will be carried out with all the necessary precautions not to damage the roots. Depending on the species, the trees will be pulled up, either with bare roots or in a container. The contractor must, under his responsibility, observe the usual rules of the art in this matter. The prior checking which may be carried out in the nurseries will not prevent a new examination from being carried out on the site of the plantation.

ARTICLE B 902 - METHOD OF EXECUTION OF THE WORK

a) Setting out

Before any start of execution, the contractor must proceed with the establishment of various trees and shrubs.

He will have to carry out the preliminary picketing of the collections as well as the axes serving as picket boxes. The Contract Engineer reserves the right to make any detailed modifications to the routes deemed necessary. The works will only start after agreement on the route.

The contractor acknowledges having fully realized on plans and onsite the inventory of fixtures, the possibilities of access and manoeuvring of mechanical devices, the deposits of materials and having made the relevant forecasts on this subject. Which concerns the nature and extent of the work. Under no circumstances can he claim additional value for encountering unforeseen obstacles such as old masonry, stony ground, etc.

The contractor must take all measures to ensure that no damage is caused to pipes of all kinds or existing structures, as well as to the roadways, curbs and curbs encountered during the execution of the work.

For newly created structures, it will be up to him to find out about the companies working on the site, in order to define the nature and location.

The contractor will bear full responsibility for any damage he may cause during the duration of the work and the warranty clearance; he will bear in case of deterioration, the costs of repair.

The contractor will not be allowed to present claims whatever their nature, because the layout or the implantation of existing or newly created structures obliges him to take protective measures.

The contractor will not be able to claim any compensation or capital gain due to the realization in several stages due to the opposites imposed by the work of the other lots, nor because of errors or omissions, in the plans or parts annexed to the present CCTP.

The contractor has full responsibility for any errors made by him and would possibly have to suffer all the consequences.

a) Precautions prior to planting

Plantations carried out in principle during the period of slowdown in vegetation, excluding periods when the land is soaked by rains.

The contractor must take into account the weather forecast when planting.

The time between uprooting and planting should be kept to a minimum. It should not exceed 3 days.

If a case of force majeure leads to a longer delay, the entrepreneur should at his expense, put the plants in gauge.

The roots of plants uprooted with bare roots will be protected by straw, grasses or moss. These roots will be dressed and palinated before planting or gauging.

Plants with evergreen leaves or with delicate recovery and those whose development makes it necessary should be removed in clods.

b) Opening the holes

In order to allow the perfect furnishing of the ground and the careful evacuation of all foreign bodies, the company will carry out the breaking of the ground at the location of each tree or shrub. The work will include the opening of the holes, the addition of topsoil from the deposit to the work. The land coming from the holes and trenches will be deposited in the vicinity, if they are recognized of good quality, otherwise, they will be evacuated to the public dumps at the expense of the contractor.

The hole excavations will have the following volumes:

- Trees 1,500 m³
- Shrubs 0.400 m³
- Heads per ml 0.400 m³

Surplus or unfit land will be evacuated by the contractor to the landfill.

a) Tree plantations

Before planting, any water that could have entered the excavation will be removed.

Prior to the establishment of the plants, a fertilizer will be incorporated into the soil at the bottom of the excavation, the composition of which will be subject to the approval of the inspection engineer.

The bottom of the excavation will be filled with earth of suitable quality to receive the foot of the tree and shaped into a dome to facilitate the establishment of the roots, in the event that the plant will be bare rooted.

The roots will be spread out suitably and filled with the looser and finer soil, this soil will be placed carefully by hand, compacting moderately so that there is no void and so as not to injure the hairy individuals.

The fertilizer application will be well mixed with the backfill.

At the surface, the backfill will be determined in a basin. Planting will be followed by watering.

The contractor will provide the stakes that may be necessary as well as the temporary protection devices made up of a mesharmor or vertical wooden stakes.

ARTICLE B903 - SEEDING

B903.1 - Placement of topsoil

The topsoil used will first be broken up very finely, carefully purged of stones, roots and wet grass before spreading.

As it is spread, it will be beaten flat or rolled with a light cylinder.

The thickness of the topsoil is at least 10 cm. The execution tolerance is plus or minus 5 cm from the theoretical profile.

The establishment of topsoil will be carried out outside of rainy periods.

B903.2 - Grassing

Embankment embankments and terraced but unpaved road platforms must be grassed.

The sowing period and the choice of grains will be subject to the approval of the Control Engineer.

The sowing will be done on soil previously loosened to a thickness of 10 cm and the spreading of the grains must be regular and in sufficient quantity to obtain suitable vegetation. After spreading, the earth will be levelled and firmed with the bat.

The contractor will be required to reseed the parts where the grass has not been lifted as soon as possible.

ARTICLE B 904 - CLEANING

As the work is completed, the contractor must clean the tracks, squares, aisles, in all cases where the work has soiled the surfaces.

ARTICLE B905- WARRANTY AND MAINTENANCE

a) Guarantee

The Contractor undertakes to guarantee the taking of all the trees. During a guarantor period set at one year, the Contractor shall replace at his expense any plantations which perish or whose recovery is defective, excluding those destroyed as a result of shocks or accidents caused by persons outside the company.

b) Maintenance

The Contractor will ensure the maintenance of trees and shrubs for one year. The maintenance operations will include:

- The size necessary to give the trees the natural shape and scope;
- Disbudding, possible weeding and the fight against fungal diseases and parasites.
- Maintenance around trees by hoeing or ploughing as frequently as possible;
- Watering, application of fertilizers and manures;
- Surface cleaning and waste disposal.

As far as watering is concerned, the Contractor will be responsible for the supply and transport of water.

ARTICLE B906 - CONCRETE PLOTS

The concrete will be dosed at 300 kg / m³. Each block will have the following dimensions: Total height: 1.18 m - width: 0.36 m - thickness 0.24 m - sealing depth: 0.40 m - installation distance: 1.50 m.

The design will be stopped by the Contract Engineer.

ARTICLE B907- ENVIRONMENTAL DIRECTIVES

Context

Road maintenance works and those for the construction of new roads have been carried out in the past without taking into account considerations relating to environmental protection or those inherent in mitigating impacts on the environment, due to the fact that the markets did not include clauses relating to environmental protection.

In response to the commitments made with the international community for the protection of the environment, the Cameroonian Government in 1996 drafted Law No. 96/12 of August 5, 1996 on the framework law on environmental management. This law establishes the general legal framework for environmental management in Cameroon and specifies in its 2nd chapter, the measures to be taken to avoid, mitigate and / or eliminate negative impacts on the environment, during the execution of certain projects and works.

In order to preserve the natural environment in relation to the major modifications that construction work and maintenance of urban roads are likely to produce, the Ministry of

Public Work has drawn up specific environmental clauses to be implemented. implemented during project execution respond to calls for tenders falling within its competence.

In this perspective, companies which, through the maintenance of urban roads, must now comply with the clauses published below if they are retained.

1) SITE INSTALLATION

The provisions mentioned below must be observed, as the case may be.

The Co-contractor must, for the protection of the environment, develop a site protection plan and submit to the Contract Engineer for approval.

Choose the installation site outside sensitive areas (lowlands, coastal areas, watersheds) at a distance of at least:

- 30 m from the road;
- 100 m from a watercourse;
- 100 m from the houses.

The internal site regulations must specifically mention:

- Safety rules;
- The ban on the consumption of alcohol during working hours;
- Staff awareness of the danger of STD / AIDS;
- Respect for the habits and customs of neighbouring populations;

Information and awareness sessions must be held regularly and the rules must be displayed visibly in the various facilities.

Choose the location of its deposits (quarries, borrowings) and material deposits so as not to cause disturbances damaging to the environment,

Take all the necessary measures to avoid accidental pollution of water or soil during the work.

Receptacles for receiving waste are to be installed near the various facilities. These receptacles are to be emptied periodically and the waste deposited in a dump. Toxic waste must be recovered separately and treated separately according to established standards.

The equipment washing areas must be concreted in the same way, a sump for recovering oils and greases. This maintenance area must have a slope towards the sump and towards the interior of the platform in order to prevent the flow of pollutants towards unpaved floors.

The storage areas for hydrocarbons for refuelling, the storage area for binders and hydrocarbons for the coating must be concreted and include protective devices in order to prevent accidental spillage of these products and soil contamination. Absorbent products should be stored nearby and all safety equipment and measures in place.

Used oils should be stored in drums to be stored in a secure place pending their recovery for recycling; batteries and oil filters must be stored in sealed containers ultimately intended for a recycling centre,

The site should provide adequate water drainage over its entire area.

At the end of the work, the Co-contractor will carry out all the work necessary for the repair of the premises.

After the equipment has been withdrawn, a report recording the restoration of the site must be drawn up and attached to the Work acceptance report.

INSTALLATIONS CARRIED OUT BY THE CONTRACTOR

Installations carried out by the Contractor and made available to the Project Owner:

- Meeting room equipped with:
- table and chairs to accommodate 20 people
- billboard
- an office each equipped with a desk + 1 armchair + 2 chairs
- A sanitary unit connected to the external network (WC and showers).

These facilities will also be equipped with:

- an electrical energy connection,
- a running water supply,
- a drinking water dispenser

The Contractor will ensure that the Project Owner or his assistant can access the site anywhere and at all times.

During the entire duration of the contract, the Contractor will bear the building maintenance costs and in particular the costs of security, cleaning, electricity, water, telephone, internet, office supplies, ink cartridges for printers and office supplies.

Fire extinguishers are part of the equipment supplied by the Contractor.

2. CLEARING OF RIGHT OF WAY

Brush clearing consists of cutting, without uprooting, any vegetation (grasses, trees, shrubs) growing on the immediate surroundings of the walk able surface: shoulders, ditches and ridges of embankments;

All trees and branches overhanging the surroundings and threatening to fall on the road will be cut down.

All vegetation at the entrance and exit of the structures will be cut, unless it serves to stabilize an embankment slope and does not constitute a threat to the foundation of the structure. Trees and shrubs are uprooted to facilitate water flow and allow regular inspections of the structure.

All plant waste will be carefully removed from shoulders, ditches or structures and evacuated to designated areas where it can be burned safely. Burning on site is strictly prohibited.

The Co-contractor must take all necessary precautions to avoid causing any damage to residents, water pipes, telephone lines, electricity etc.

3. BORROWS PITS AND DUMPING SITES

The following criteria must be met for opening a career:

- Distance from the site at least 30 m from the road;
- Distance from the site to at least 100 m from a body of water;
- Distance from the site to at least 100 m from the dwellings;
- Preference to be given to uncultivated and non-forested areas;
- Preference to be given to areas with low slopes.

The Co-contractor must submit to the Contract Engineer the list of sites it intends to operate as well as a redevelopment plan for each site, indicating the work to be carried out for the rehabilitation of the sites operated.

He can only start working on the borrowings and quarries after having received the written authorization of the Contract Engineer.

During the execution of the work, the Co-contractor will ensure:

- That the areas for depositing roofing materials that cannot be used for the work are chosen so as not to interfere with the normal flow of water;
- The conservation of the plantations delimiting the quarry;
- Maintenance of access roads;
- Sound attenuation, protection vis-à-vis neighboring dwellings;
- The installation of all signs necessary for the smooth running of the work;
- Regular cleaning of the pavement of paved roads in the absence of a cleaning device for the wheels of trucks and machinery;
- That all measures are taken so that runoff can flow normally outside the right-of-way of the proposed road without causing damage to riparian properties;
- That the access and service roads are regularly watered and compacted in order to avoid the raising of dust during transport, loading and unloading of materials;
- That when operating quarries for maintenance work on paved roads, a device for cleaning the wheels of trucks and machinery is installed in order to prevent soiling of the pavement.

The works to be carried out for the rehabilitation of the above-mentioned sites will include, among others:

- The levelling of the roofing materials and then the levelling of the topsoil to facilitate the percolation of water and prevent erosion;
- The restoration of previous natural flows;
- Removal of the dilapidated appearance of the site by distributing and concealing large blocks;
- The development of guard ditches to prevent erosion of the reclaimed land;
- The withdrawal of all equipment, machinery and materials, the demolition of any installation and the removal of all waste and rubble and their deposit at an approved location.

After the sites have been repaired in accordance with the requirements, a report will be drawn up and attached to the reception report.

As soon as a loan or a deposit is abandoned, the area will be redeveloped in accordance with the proposed plans. Once the redevelopment is completed, the Co-contractor will inform the Contract Engineer so that an inventory can be drawn up.

4. LOADING AND TRANSPORTATION OF MATERIALS AND EQUIPMENT

For all transport of materials and equipment, whatever they are, the Co-contractor must comply with the regulations in force, concerning the restrictions imposed on the weights and sizes of vehicles and convoys using the public network and in particular:

Environmental protection measures (loss of materials during transport, dust, etc.) Take all the necessary measures to limit the speed of vehicles on the site;

Installation of signs and flag carriers.

Regularly water the traffic routes in inhabited areas;

Plan deviations from existing tracks and roads.

5. DEPOSITS AND MAINTENANCE OF THE WEARING COURSE

The Co-contractor must deposit the materials to be used at regular intervals in areas that do not prevent the normal flow of water.

In order to ensure safe movement, the company must deposit only the quantities that can be used the same day (all the piles should be levelled at the end of the day).

The Co-contractor must, after scarifying the pavement, supplying materials and reshaping the materials to the grader:

- Water and compact the road;
- Organize the distribution of piles on one side of the road at a time over restricted distances;
- Carry out the adjustment as you go;
- Set up adequate mobile signage;
- Regulate transit traffic by flag bearers;
- Avoid the accumulation of lateral bulges on the aisles and ditches;
- Restore the drainage system and access to waterfront homes;
- Remove excess soil from ditches, deposit and level the land outside the right-of-way in places that do not obstruct the normal flow of water.

6. MISCELLANEOUS REPROFILING

The Co-contractor must, after scarifying the surface and reshaping the materials with a grader, watering and compacting the pavement. He must:

- Avoid the accumulation of side bulges on the aisles and in ditches;
- Restore the drainage system and access to waterfront homes;
- Make passes with a grader until the corrugated sheet disappears;
- Make passes with a grader avoiding the creation of cords;
- Remove loose stones and place them outside the road right-of-way in places that do not obstruct the normal flow of water;
- Install signage on machinery, flag, flashing light;
- Install adequate mobile signage before the site;
- Regulate traffic by flag bearers.

11. FIGHT AGAINST PIT EROSION

The Co-contractor must:

- Carry out work to re-stabilize ditches and shoulders as well as the water speed limitation device according to the instructions of the Contract Engineer;
- Ensure site safety and report the work properly;
- Ensure that the materials deposited do not hinder the normal circulation of water;
- Clear the roadway of ditches repairs materials to avoid congestion;
- Restore the shoulders;
- Improve soil resistance by masonry or coated ditches following the instructions of the Contract Engineer;
- Ensure that all surplus materials are evacuated and levelled in a suitable place without hindering the normal flow of water.

12. MAINTENANCE OF DRAINAGE WORKS

(Fight against silting up and erosion)

Storage of materials and equipment required for the work should be done in areas outside of homes. The Co-contractor must:

- Clear all solid products obstructing the structures;

- Adequately mark the work near the edge of the road;
- Carry out the work preferably before the rainy season.
- At the end of the work, remove all rubble and waste outside the right-of-way and to a place authorized by the Contract Engineer.

13. MAINTAINING TRAFFIC

- a) During the work, the Co-contractor is required to ensure traffic in sufficient safety conditions, and to take into account environmental protection measures (dust, noise, etc.).
- b) The routes of deviations from public traffic must be submitted to the Contract Engineer for approval before any work is carried out. If there is destruction of any property, the company must compensate the persons concerned.
- c) After the work, the company must restore the route of the deviations to its original state as much as possible, and in particular scarify the route in order to decompact the soil and restore the vegetation.

d) 14. SITE VISIT AND START OF WORK

- e) All parties involved must be present. The authorities and the local population must be informed of the work to be carried out and whether any observations need to be made from them. The Contract Engineer will be able with the help of a local NGO to sensitize the populations on environmental aspects, and human relations between them and the site staff.

f) 15. SANCTIONS AND PENALTIES

- g) Law No. 96/12 of August 5, 1969 provides respectively in its articles 79, 82, 84 and 88 as follows:
- h) i. Is punished by a fine of two million (2,000,000) to five million (5,000,000) CFA francs and a prison sentence of six (06) months to (01) year or one only, anyone with:
 - i) - carried out, without an impact study, a project requiring an impact study;
 - j) - carried out a project that did not comply with the criteria, standards and measures set out for the impact study;
 - k) - prevented the completion of the checks and analyzes provided for by said law and / or by its implementing texts;
- l) ii. Is punished by a fine of one million (1,000,000) to five million (5,000,000) CFA francs and a prison sentence of (06) months to (01) year or one of these two penalties only, any person who pollutes, degrades soils and subsoil, alters the quality of the air or water, in violation of the provisions of the said law. In the event of a repeat offense, the maximum amount of penalties is doubled;
- m) Is punished by a fine of five hundred thousand (500,000) to two million (2,000,000) CFA francs and a prison sentence of six (06) months to one (01) year or one of the only two, any person who operates an installation or uses a movable object in violation of the provisions of the said law. In the event of a repeat offense, the maximum amount of penalties is doubled;
- n) ii. Without prejudice to the prerogatives recognized to the public prosecutor, to judicial police officers with general competence, the sworn officers of the administration in charge of the environment or of other administrations concerned are responsible for the search, the observation and the prosecution in repression of infringements of the provisions of this law and its implementing texts.
- o) A company violating or having violated the law raised during road works will be excluded for a period of one year from the right to tender.

- p) Any breach of the requirements duly notified to the company by the Contract Engineer must be rectified. The resumption of work or additional work resulting from non-compliance with the clauses is the responsibility of the Co-contractor**

Document N°6
UNIT PRICE SCHEDULE

GENERAL - DEFINITIONS - PRICE CONSISTENCY

CONTENT OF THE PRICES

In accordance with the articles of the CCAP, the prices of the schedule include all the expenses of the Co-contractor without exception, with a view to carrying out all the work provided for in this contract, in particular the expenses for the provision of equipment, supply of materials to the contractor. except that mentioned explicitly in the definitions of prices, the expenditure of labor, transport, general expenses, and in general, all expenses which are the necessary and direct consequence of the works.

The prices include all the works provided for in the project, the testing and preliminary study costs indicated to the CCTP.

The Co-contractor will take into account in these prices the constraints due to the presence of surface water, rainwater and groundwater.

Transport costs are included in the price of the works regardless of the movements of land carried out, the general earthworks and the deposit or in public landfill being carried out within the limits of the territory of the Urban Commune of the town of jurisdiction.

REFRACTION IN PRICES

If it turns out that the resistance of a concrete at twenty-eight (28) days, determined during the control tests in accordance with the CCTP, is less than the required resistance and the Engineer does not however require the demolition of the work or part of the work executed with its concrete, the Co-contractor will bear the costs of verification, consolidation and repair that may be required by the Engineer.

In addition, for the regulations of the offending part of the work, the price of the corresponding concrete will be struck, without prior notice, by a reducing coefficient obtained by raising to the power of three (03) the ratio of the real resistance of the concrete to its required strength.

This coefficient will not be applied as long as a report:

Resistance achieved / resistance required will be greater than or equal to zero point ninety-eight (0.98).

QUANTITY OF IMPLEMENTATION NOT LEADING TO PAYMENT

Since the work must be carried out in accordance with the specifications of the technical file, parts and approved plans "Good for execution", the quantities to be taken into account will be effectively calculated on the basis of the dimensions and dimensions fixed in these plans or modified by service order.

If it turns out that through negligence, or for the convenience of execution, the Co-contractor implements quantities greater than that provided for in the approved plans (size of excavations for structures, concrete blocking or filling, etc.) alone the quantities resulting from the approved plans "Good for execution" will be taken into account for payment.

UNIT PRICES WILL BE GIVEN TAX FREE

For this purpose, the Co-contractor will fill in the price schedule according to the attached models with prices excluding VAT as well as the corresponding estimated quotes.

DEFINITION OF CUBIC METERS OF EARTHWORKS

The cuttings are measured in place by difference in profiles before and after the earthworks, at the project dimensions.

The backfill is measured, after compaction, by difference in profiles before and after earthwork, at the project dimensions.

The purges are measured contradictorily by difference in survey, before and after the work. Excavations are considered to have vertical walls and are paid per cubic meter of excavation according to the width of the structure increased by 2 m, or according to the outside diameter of the pipes increased by 0.60 m.

This price takes into account all shielding constraints, widths and exhaustion of water from all sources. It also includes backfilling of excavations after completion of works or laying of pipes, in layers of 0.30 m of compacted to 95% of the OPM, with materials usable in backfill (CBR > 5 and IP < 4).

NB: The amount of network travel cannot exceed that set aside in the market. The co-contracting party's sales coefficient may not exceed 15% of the amount of the services of the subcontractors, including the costs of studies and control of the concessionaire.

As for other contract provisions, the amount to be considered is that of the subcontractor validated by the Contract Engineer, the Engineer and the Head of the Market Department, increased by the fixed sales coefficient of the company capped at 1.15. In the case of compensation, it is the amount of the affected goods defined by the commission for the observation and evaluation of the implicated goods which is increased by 1.15.

UNIT PRICE SCHEDULE (UPS)

Price	Description and Unit Price without taxes in letters	unit	Unit Price in figures
	SERIE 000 : INSTALLATIONS		
001	Site installation This price remunerates the LUMP SUM (LS) under the general conditions provided for in the contract, for the Company's site facilities, their maintenance and their operation throughout the duration of the site. This price is paid in two instalments: * Eighty (80%) upon receipt of Company facilities. * Twenty (20%) after the dismantling of the installations, the approval of the reattachment plans and the restoration of the premises. This price includes in particular: • the rental of land, if they are not made available to the Co-contractor by the Administration; • the development of surfaces for the siting of buildings, where applicable, storage areas for materials and parking for machinery and vehicles; • construction of access roads, possible detours and their maintenance; • setting up means of connection (telephone, fax, internet, radio) and security; • supply of water and electricity; • construction and equipment of the site laboratory located near the site; • the construction of the site hut; • operation during the entire contractual period of the site laboratory, as well as the dismantling and removal of components; • the construction or rental of premises for offices, workshops, stores; • the possible installation of the crushing and screening plant, including any transfers; • fuel storage facilities; • roadworks signage, guarding and maintenance; • all other provisions necessary for the proper functioning of the site; • site restoration in accordance with environmental requirements, and all other constraints necessary for the proper execution of the work within the allotted time; • site monitoring costs by the administration during site visits; It is essential that all the elements of the site installation including the laboratory fully equipped and in working order are in place so that the 80% flat rate can be paid. A missing item removes the right to full payment. He will		

	have to demolish any fixed installation, such as foundation, concrete or metal support, etc ..., demolish concrete areas, decontaminate the ground if this has been the case, or in general restore the site to the closest condition possible from its initial state. He may not leave any equipment or materials on the site or in the surrounding area except at the request of the Project Owner. The LUMP SUM at:	LS	
002	Mobilisation and demobilisation of equipment This price remunerates under the general conditions provided for in the contract, at a LUMP SUM (LS) the supply and withdrawal of the equipment necessary for the execution of the work. This price includes in particular: the supply of the equipment and machinery necessary for the execution of the site, possibly including: crushing, coating, concrete manufacturing plants, site scales, earthmoving, sanitation, and pavement and transport work; • The withdrawal of equipment at the end of the work. The Co-contractor must fold up all its equipment, machinery and materials. This price will be paid in two instalments: * Fifty percent (50%) for the supply of equipment. This tranche will be paid progressively as and when the large equipment provided for in the approved execution plan is brought to the site. * Fifty percent (50%) after provisional acceptance when all material has been folded up. The LUMP SUM at:	LS	
003	EXECUTION PROGRAM AND AS BUILT PLAN This price remunerates at a LUMP SUM (LS) the costs for establishing the execution project in accordance with the CCTP and the re-gluing plan at the end of the work. He understands: -The topographic surveys to the scale of the execution plans to be provided by the contractor; -The location on the ground of the cross sections established for the project and which must be used during the work for the evaluation of the volumes of earthworks actually carried out; - The demarcation plans of the rights-of-way; -The calculation notes and the establishment of execution plans; -The geotechnical study; - Any study necessary to carry out the work. This price will be paid as follows: Seventy percent (70%) after validation of the execution project, and the balance of		

	Thirty percent (30%) after retrenchment of the installations and production of the reattachment file. This price is a fixed price and includes all constraints. The LUMP SUM at	LS	
	Maintenance of traffic This price remunerates under the general conditions provided for in the contract, at a LUMP SUM (LS), the maintenance of traffic during the work. This price includes in particular: • opening new stretch; • maintenance of existing road surface • all constraints linked to traffic conditions and compliance with environmental regulations; The LUMP SUM at:	LS	
100	SERIE 100 : CLEANING AND EARTH WORKS		
101	Bush clearing This price remunerates under the general conditions provided for in the contract, per SQUARE METER (m2) for brush clearing which consists of cleaning the land and cutting all woody plants and shrubs inside the right-of-way outside the platform. This task is normally performed manually; it can be done mechanically, at the request of the Contract Engineer, in areas of low population density or in the event of particular difficulties. This price includes in particular: • clearing, uprooting of grasses, brush, plantings inside the right-of-way outside the platform; • the felling and debitage of trees whose diameter is less than or equal to 20 cm; • pruning of trees outside the right-of-way; • the collection, removal, transport and disposal of cutting products and their deposit outside the right-of-way in a place approved by the Contract Engineer; • removal of ditch cleaning products, loading, transport regardless of the distance, unloading and temporary or final storage in a place approved by the Contract Engineer; • all possible compensation for local residents; • all constraints related to compliance with environmental requirements; • and all other constraints. The Square Meter at:	m ²	

103	Tree felling This price remunerates under the general conditions provided for in the contract, at UNITE (U), the felling of isolated trees. This price includes in particular: • cutting of any tree with a diameter greater than fifty (> 50) cm; • the cutting of the logs, the evacuation of all the products resulting from the cutting in a place approved by the Contract Engineer; • any compensation for residents; • all constraints related to compliance with environmental requirements; • and all other constraints. The Unit at:	u	
104	Cut and Throw This price remunerates in the general conditions provided for in the contract, per CUBE METER (m3), the ordinary excavation deposited. This price includes in particular: • material extraction; • Pumping and evacuation of water of all kinds, if applicable; • loading, transport and unloading at drop-off locations approved by the Contract Engineer; • adjustment at the place of deposit; • possible compensation for local residents and compliance with environmental regulations; • and all other constraints The volume taken into account will be that in place before extraction measured by differences in dimensions between the profiles lifted before and after execution. The Cube Meter at:	m ³	
105	Cut and Throw This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the cuttings in rippable ground requiring the use of a tooth router or similar equipment (the use of manual tools may be accepted according to cases) This price includes in particular: • carrying out any operation prior to the extraction of the cuttings, in particular the fragmentation of the materials to dimensions allowing their reuse or transport; • loading, transport and unloading and adjustment in a place approved by the Contract Engineer; • possible compensation for local residents and compliance with environmental requirements; • and all other constraints. The Cube Meter at:	m ³	

106a	Cut On rocky Soil This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the cuttings of continuous massive rock, apparent on the surface of the road right-of-way, which cannot be carried out by means of a tooth router. or similar material. This price includes in particular: • carrying out any operation prior to the extraction of cuttings, in particular drilling, and blasting by fragmentation of materials to dimensions allowing their reuse or transport; • loading, transport and unloading and adjustment in a place approved by the Contract Engineer; • and all other constraints. The Cube Meter at:	m ³	
106b	blast with explosives This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the backfire with explosives of isolated rocky blocks that are difficult to move. This price includes in particular: • carrying out any prior operation of blasting with explosives of the boulders located in the right-of-way of the works; • loading, transport and unloading and adjustment in a place approved by the Contract Engineer; • all constraints related to compliance with environmental requirements; • and all other constraints. The Cube Meter at:	m ³	
106c	Rock Stripping This price compensates under the general conditions provided for in the contract, per CUBE METER (m3), the removal of isolated rock blocks that can be moved without resorting to backfire. This price includes in particular: • carrying out any prior operation to clear the boulders located in the right-of-way of the works; • loading, transport and unloading and adjustment in a place approved by the Contract Engineer; • all constraints related to compliance with environmental requirements; • and all other constraints. The Cube Meter at:	m ³	
107	Fill from cut This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the cuttings placed in backfill. This price includes in particular:		

	• the extraction of materials with a view to their filling; • adjustment and compaction of the excavation platform; • loading, transport over all distances, unloading at backfilling sites; • spreading at places of reuse in backfill, compaction including all implementation constraints; • all constraints related to compliance with environmental requirements; • and all other constraints The Cube Meter at:	m ³	
108	Fill from borrow Pit This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the cuttings placed in backfill. This price includes in particular: • the extraction of materials with a view to their filling; • adjustment and compaction of the excavation platform; • loading, transport over all distances, unloading at backfilling sites; • spreading at places of reuse in backfill, compaction including all implementation constraints; • all constraints related to compliance with environmental requirements; • and all other constraints The Cube Meter at:	m ³	
109	Purges This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the purges. This price includes in particular: • extraction of poorly held materials; • loading, transport regardless of the distance and unloading at drop-off locations approved by the Contract Engineer; • backfilling of the excavation with borrow materials of good characteristics as defined at prices 108, for the reconstitution of the initial level of the platform by compacting in layers of 30 cm maximum; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. NB: This price applies to quantities less than or equal to 100 m3 per purge point; beyond that, the prices of cuttings and fill will be taken into account. The Cube Meter at:	m ³	

110	Moulding of Platform This price remunerates under the general conditions provided for in the contract, per SQUARE METER (m²) of treated road, the shaping of the platform to receive the wearing course (earth roads) or foundation (paved roads). This price does not include fitness and cleaning of side ditches. This price includes in particular: • possible cleaning of the existing platform; • evacuation of any existing topsoil; • scarification of the existing platform; • adjustment of the scarified platform (including on volcanic slag areas); • watering and compaction of the platform; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. The Square Meter at:	m ²	
111	Simple grading This price remunerates under the general conditions provided for in the contract, to the KILOMETER (Km) of road treated, whatever its width, the execution of a rapid mechanical reprofiling on the rolling surface between the interior surfaces of the ditches, if they exist. . This task does not include cleaning or reshaping the ditches. This price includes in particular: • possible cleaning of the road; • the evacuation of the topsoil possibly existing on the roadway; • the reshaping of the road; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. The Kilometre at:	km	
112	Reprofiling / compaction This price remunerates under the general conditions provided for in the contract, to the SQUARE METER (m²) of treated road, the execution of a reprofiling - mechanical compaction on the rolling surface between the interior layers of the ditches, if they exist. This price does not include fitness and cleaning of side ditches This price includes in particular: • possible cleaning of the road; • the evacuation of the topsoil possibly existing on the roadway, • scarification of the existing road; • resetting the roadway profile;		

	• watering and compaction of the road; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. The Square Meter at:	m ²	
113	Cleaning and restoring existing ditches and outlets The prices 113 pay under the general conditions provided for in the contract, per LINEAR METER (ml), for cleaning and restoring existing earthen ditches and outlets. The outlet of the outlet must be free of all materials. This price includes in particular: • mechanical or manual cleaning of ditches and outlets to their ends; • the evacuation of all cleaning products in storage; • verification of the longitudinal slope of ditches and outlets compatible with a complete discharge of water; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints.		
113a	Cleaning and restoring existing earthen ditches The Linear Meter at:	ml	
113b	Cleaning and restoring existing outlets The Linear Meter at:	ml	
114	Creation of ditches, divergences and earthen outlets The prices 114 pay under the general conditions provided for in the contract, to the LINEAR METER (ml) or to the CUBE METER (m3) as the case may be, the creation of ditches, divergences and earthen outlets. The outlet of the divergent or the outlet must be free of all materials. These prices include in particular: • the mechanical creation of ditches, divergences and outlets to their ends; • embankment of the outer edges of ditches and outlets; • the evacuation and adjustment of the cuttings in a place approved by the Contract Engineer; • verification of the longitudinal slope of ditches and divergences compatible with a complete discharge of water; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints.		
114a	Creation of ditches and divergences in earth with a grader The Linear Meter at:	ml	
114b	Creation of outlets with Bulldozer or Shovel The Cube Meter at:	m ³	

121	Demolitions The prices 121 pay under the general conditions provided for in the contract, the demolition or the removal of works or equipment (to be defined) existing in the footprint of infrastructure and superstructure works in the footprint of the work to be carried out. These prices include in particular: -The demolition or the actual removal; - The evacuation outside the works of the products of demolition or deposit in a place approved by the Contract Engineer or in landfill; -The possible grinding of these materials and any constraints. • all constraints related to compliance with environmental requirements; • and all other constraints. It applies to the cubic meter, to the square meter to the linear meter or to the demolished or deposited work unit, measured contradictorily, according to the following categories:		
121b	Demolition of concrete structures The cubic meter at:	m ³	
201	Excavation for purge This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the excavation for purging. this price includes in particular: • disbursement after careful cutting of the existing pavement and the extraction of unsuitable materials in accordance with the instructions of the Contract Engineer; • loading, transport regardless of the distance, possible temporary disposal, recovery and use as backfill material and following the instructions of the Contract Engineer; • loading, transport regardless of the distance, removal of materials to the landfill, their unloading and levelling in a place approved by the Contract Engineer; • environmental protection measures; • adjustment of the excavation walls and bottom; • compaction of the excavation bottom; • all execution constraints in small quantities. NB: This price does not include the backfilling of the excavated areas, which is remunerated by the price of the appropriate pavement material. The Cube Meter at:	m ³	
202	Scarification, grinding, mixing, reshaping of the existing pavement and shoulders		

	This price remunerates under the general conditions provided for in the contract, per SQUARE METER (m2), the scarification of the existing roadway after possible resurfacing of the shoulders, with recycling of the materials constituting the old roadway in order to constitute a homogeneous layer serving as a base for the subgrade, to the base course or to the coating of the new pavement. This price includes in particular: • scarification, partial or not, of the existing roadway after possible reconstitution of the shoulders, crushing and mixing to a thickness of 20 cm using a mechanical device adapted to the surface (pulvimixer equipped with a recycling rotor, disc plow, etc.); • tamping-foot compaction (sheep's feet); • mixing, placement, adjustment and compaction; • all execution constraints on a small surface. NB: This price does not include the supply of any filler materials. The Square Meter at:	m ²	
202	Scarification, existing earth road and shoulders This price remunerates under the general conditions provided for in the contract, per SQUARE METER (m2), the scarification of the existing roadway after possible resurfacing of the shoulders, with recycling of the materials constituting the old roadway in order to constitute a homogeneous layer serving as a base for the subgrade, to the base course or to the coating of the new pavement. This price includes in particular: • scarification, partial or not, of the existing roadway after possible reconstitution of the shoulders, crushing and mixing to a thickness of 20 cm using a mechanical device adapted to the surface (pulvimixer equipped with a recycling rotor, disc plow, etc.); • tamping-foot compaction (sheep's feet); • mixing, placement, adjustment and compaction; • all execution constraints on a small surface. NB: This price does not include the supply of any filler materials. The Square Meter at:	m ²	
208	Foundation layer The 208 prices pay under the general conditions provided for in the contract, per CUBE METER (m3), the implementation of the foundation layer in natural gravel or crushed gravel 0/ 31.5 or pozzolana or improved materials as appropriate. This price includes in particular:		

	• surface preparation; • supply and on-site transport of materials including all transport constraints; • Implementation; • Any possible short-width execution constraints; • The restoration of the premises after works; • and all other constraints.		
208a	Foundation in laterite The cubic meter at :	m ³	
305	Cleaning of concrete or masonry ditches This price remunerates under the general conditions provided for in the contract, per LINEAR METER (ml), the cleaning of existing concrete or masonry ditches. This price includes in particular: • manual cleaning of ditches and outlets; • transport and deposit in a place approved by the Contract Engineer; • verification of the longitudinal slope of ditches and outlets compatible with a complete discharge of water; • all constraints related to compliance with environmental requirements; • and all other constraints. The Linear Meter at:	ml	
308	Supply and installation of concrete ring culverts Prices 308 pay under the general conditions provided for in the contract, per LINEAR METER (ml), for the supply and installation of concrete nozzles. These prices include in particular: • The supply and on-site transport of the nozzle elements including all handling constraints; • The layout and staking of the work; • the possible establishment of a temporary detour; • The execution of field excavations of all kinds and the evacuation of the products of the excavations in a place approved by the Contract Engineer; • the arrangement of the laying bed, possibly including the supply and transport to the site of the filler materials, whatever the distance; • The realization of the technical block (supply of materials and implementation) up to $\varnothing / 2 + 10$ cm at least, ($\varnothing$ being the diameter of the nozzle), above the upper generator of the nozzle; • All handling constraints for installing the elements; • The completion of the concrete cradle, as well as the execution of the interior and exterior joints; • The possible cleaning of the upstream and downstream openings of the nozzles in order to ensure a perfect flow of water;		

	• The connection of the technical block to the existing roadway with slopes less than 4%; • All constraints related to compliance with environmental requirements; • and all other constraints.		
308a	concrete ring culverts Ø 800 mm The Linear Meter at:	ml	
309	Culvert Chamber Ø 800 mm Prices 309 pay under the general conditions provided for in the contract, per UNIT (U), the construction of masonry or reinforced concrete sumps for a nozzle. These prices include in particular:		
	For masonry Chamber: • the supply and transport to the site of all materials (rubble, cement, sand, gravel, etc.) and materials necessary for the execution of the masonry; • installation and staking of the structure; • the execution of the excavations, whatever the nature of the ground, the transport and the deposit of the excavation products in a place indicated by the Contract Engineer, whatever the distance; • the manufacture of the mortar dosed at 400 kg of cement per cubic meter and the careful implementation of the masonry including wedging, adjustment, humidification of the rubble, shaping of the joints by repointing; • backfilling, compaction, rehabilitation of the surroundings; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. For reinforced concrete sumps: • the supply and on-the-job transport of all materials and equipment necessary for the manufacture of concrete and their implementation; • installation and staking of the structure; • the execution of the excavations, whatever the nature of the ground, the transport and the deposit of the excavation products in a place indicated by the Contract Engineer, whatever the distance; • formwork and reinforcement of the structure; • formulation and manufacture of concrete according to technical requirements; placement of concrete, vibration, treatment and possible adjustment of surfaces; • formwork stripping, bitumen painting of buried surfaces, backfilling, compaction, rehabilitation of the surroundings; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints		

309a	Reinforced concrete ring culvert chamber Ø 800 mm		
	The Unit at:	u	
310	culvert heads The prices 310 pay under the general conditions provided for in the contract, per UNIT (U), for the construction of masonry or reinforced concrete nozzle heads. These prices include in particular: For masonry nozzle heads: • the supply and transport on site of all the materials (rubble, cement, sand, gravel, etc.) and materials necessary for the execution of the masonry, • the layout and staking of the structure, • the execution of the excavations, whatever the nature of the ground, the transport and the deposit of the excavation products in a place indicated by the Contract Engineer, whatever the distance, • the manufacture of the mortar dosed at 400 kg of cement per cubic meter and the careful implementation of the masonry including wedging, adjustment, humidification of the rubble, shaping of the joints by repointing, • backfilling, compaction, rehabilitation of the surroundings, • all constraints linked to traffic conditions and compliance with environmental regulations, • And all other constraints. For reinforced concrete nozzle heads: • the supply and on-site transport of all materials and equipment necessary for the manufacture of concrete and their implementation, • the layout and staking of the structure, • the execution of the excavations, whatever the nature of the ground, the transport and the deposit of the excavation products in a place indicated by the Contract Engineer, whatever the distance, • formwork and reinforcement of the structure, • formulation and manufacture of concrete according to technical requirements, • implementation of concrete, vibration, treatment and possible adjustment of surfaces, • form stripping, bitumen brushing of buried surfaces, backfilling, compaction, repairing the surroundings, • all constraints linked to traffic conditions and compliance with environmental regulations, • and all other constraints.		
310a	Reinforced concrete culvert heads Ø 800 mm		
	The Unit at:	u	
312c	Reinforced concrete triangular gutter Section base: height = 50, opening = 60 th. = 15 cm	ml	

	Le metre linéaire à:		
313	Masonry ditches Prices 313 pay under the general conditions provided for in the contract, by LINEAR METER (ml), for the construction of masonry ditches according to the plans in the execution file. These prices include in particular: • the location of the structure; • the execution of the excavations, whatever the nature of the ground, the transport and the deposit of the products of excavations in a place indicated by the Contract Engineer, whatever the distance; • operations for setting the gauge and adjusting the longitudinal slope; • the supply and transport to the job of all materials (rubble, cement, sand, gravel, etc.) and materials necessary for the execution of the masonry; • the manufacture of the mortar dosed at 400 kg of cement per cubic meter and the careful implementation of the masonry including wedging, adjustment, humidification of the rubble, shaping of the joints by repointing; • backfilling, compaction and rehabilitation of the surrounding area; • all constraints linked to traffic conditions and compliance with environmental regulations; • And all other constraints. The linear metre at:	ml	
314	Enrochement(Dry Packing) This price remunerates under the general conditions provided for in the contract, per cubic meter (m3), the supply and installation of the riprap. This price includes in particular: • the supply and on-site transport of boulders with a unit weight defined by the Project Owner, regardless of the distance; • the excavations necessary for the placement of the riprap; • the placement and adjustment of the blocks in order to ensure the stability and sustainability of the structure; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. The cubic meter at:	m ³	
317	Reinforced Concrete gutters (CB)		

	Prices 317 pay under the general conditions provided for in the contract, per linear meter (ml), for the construction of reinforced concrete gutters (prefabricated or cast in situ) according to the plans in the execution file and according to the sections. These prices include in particular: - the on-site supply of prefabricated elements possibly regardless of the distance -The trench excavation; -The realization of a clean concrete; -Supply, -The supply of concrete on site regardless of the distance and according to the dosage, - the careful formwork on the two walls of the gutter, -Implementation; - all constraints related to traffic conditions and compliance with environmental regulations, - And all other constraints.		
317c	Reinforced Concrete gutters 0,50 x (0,30<h<0,60) The linear meter at:	ml	
	SERIE 400: HYDRAULIC STRUCTURES		
401	Reinforced concrete box culvert Prices 401 pay under the general conditions provided for in the contract, per linear meter (ml), for the construction of reinforced concrete scuppers, approved in the execution project. These prices include in particular: • the supply and on-the-job transport of all materials and equipment necessary for formwork, reinforcement, manufacture of concrete and their implementation; • the possible establishment of a temporary detour; • installation and staking of the structure; • earthworks including field excavations of all kinds; • formwork and reinforcement of structures; • formulation and manufacture of concrete according to technical requirements; • the implementation of concrete, the possible treatment and adjustment of surfaces; • formwork stripping, bitumen painting of buried facings, backfilling, compaction, rehabilitation of the surroundings; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. NB: The length of the work to be taken into account is deemed to be that between bare interior of the heads.		
401e	Reinforced concrete box culvert 3x3 The linear meter at:	ml	

401f	Reinforced concrete box culvert 2.5x2 The linear meter at:	ml	
402	Reinforced concrete culvert heads Prices 402 pay under the general conditions provided for in the contract, per unit (u), the construction of reinforced concrete scupper heads according to the approved execution project. These prices include in particular: • the supply and on-the-job transport of all materials and equipment necessary for formwork, reinforcement, manufacture of concrete and their implementation; • the possible establishment of a temporary detour; • installation and staking of the structure; • earthworks including field excavations of all kinds; • formwork and reinforcement of structures; • formulation and manufacture of concrete according to technical requirements; • the implementation of concrete, the possible treatment and adjustment of surfaces; • formwork stripping, bitumen painting of buried facings, backfilling, compaction, rehabilitation of the surroundings; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints.		
402a	Reinforced concrete box culvert head 3x3 The unit at:	u	
402b	Reinforced concrete box culvert head 2.5x2 The unit at:	u	
403	Placement of gabions This price remunerates under the general conditions provided for in the contract, per cubic meter (m3), the making of gabions which consists of the installation of metal mesh boxes filled with calibrated stones and carefully arranged, intended for the realization of works of art and protection against erosion, in places prescribed by the Contract Engineer. The gabions used, in accordance with the standard plans, will be cage gabions. This price includes in particular: • the supply and transport to the job, whatever the distance, of crates and filling materials from approved quarries; • all constraints for drying out and preparing the seating surface of the gabions; • all possible deviations of the river necessary for the installation of the gabions and all constraints; • installation, anchoring, installation of tie rods, filling and closing of gabions in accordance with technical requirements; • all careful installation operations including constraints linked to the flow of water;		

	• all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. The cubic meter at:	m ³	
407	Excavations in ordinary land or in river beds This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the execution of excavations for foundations in soft ground (not requiring the use of rock breakers, compressors or explosives) or in bed. of river. This price includes in particular: • excavations and extraction of materials from soft ground; • shoring, shielding, protections and any supports; • any cofferdams and temporary backfill; • exhaustion, pumping for the dry execution of works; • preparation of the excavation bottom and its compaction; • loading of extraction materials, transport regardless of the distance, dumping at the place of reuse or final deposit approved by the Contract Engineer; • all constraints related to environmental requirements; • and all other constraints. The Cube Meter at:	m ³	
413	Embankment adjacent to the structures This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the supply and implementation of materials selected and approved by the Contract Engineer, necessary for the backfill adjacent to the works. These materials will be implemented in successive layers of 10 to 15 cm. They will be executed in such a way that they do not exert asymmetrical thrusts on the works which would be harmful to them. The compaction will be done by means of manual machines (cutters, vibrating plates, self-propelled cylinders). The connection of the profile of the road with speed bumps created by the contiguous embankments must not have slopes > 4%. This price includes in particular: • the supply and transport on the job, regardless of the distance, of backfill material from borrowed material or from the reuse of cuttings; • implementation, possible watering, methodical compaction in successive layers, including all constraints of implementation in small quantities, or use of low-yield material; • protection against water of all kinds during the execution of the embankments; • adjustment of bank slopes; • all constraints related to compliance with environmental requirements;		

	• and all other constraints. The Cube Meter at:	m ³	
419	Stone masonry walls This price remunerates under the general conditions provided for in the contract, per CUBE METER (m3), the implementation of rubble masonry intended for the repair of various structures (nozzle heads or scuppers, abutment or pier of bridges, masonry walls, etc.) or the construction of masonry walls. This price includes in particular: • the preparation of the parts to be repaired (the possible demolition of a part of the existing structure or of its whole being remunerated elsewhere); • supply of materials (including extraction, size and selection of rubble), and their transport on site regardless of distance; • any earthworks, including field excavations of all kinds; • the manufacture of the mortar at the prescribed dosage and the careful installation of the masonry including the wedging, adjustment, humidification of the rubble; • shaping of joints by pointing; • backfilling, compaction, rehabilitation of the surroundings; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. The Cubic Meter at:	m ³	
423	Reinforced concrete at 350kg/m3 Prices 423 pay under the general conditions provided for in the contract, per CUBE METER (m3), the manufacture and implementation of concrete, according to a dosage given in kg of cement per cubic meter of concrete; These prices include in particular: • surface preparation, the possible demolition of part of the existing structure or its whole being remunerated elsewhere; • the supply and transport on the job of all the materials necessary for the manufacture of concrete and their implementation regardless of the distance; • earthworks including field excavations of all kinds; • formwork, if applicable; • the formulation and manufacture of concrete according to technical requirements, including all storage constraints for components; • the implementation of concrete, the possible treatment and levelling of surfaces; • formwork stripping, backfilling, compaction, restoration of the surroundings;		

	• all constraints related to compliance with environmental requirements; • and all other constraints The Cubic Metre at:	m ³	
442	Deviation of the stream bed and maintenance of traffic This price remunerates under the general conditions provided for in the contract, at a LUMP SUM (LS) the deviation of the watercourse for the construction of the work and the maintenance of traffic during the work. This price includes in particular: • opening the trenches for the temporary bed; • The supply and possible nozzles for crossing the temporary bed; • all constraints linked to traffic conditions and compliance with environmental regulations; The LUMP SUM at:	LS	
516 à 526	Vertical signalization Prices 516 to 526 include: • Presentation of the approval certificate for the reflector coating of the panel issued by an approved service; • supply and transport on the job regardless of the distance from the type of sign complying with the requirements of the highway code; • Field excavations of all kinds; • The implementation of the concrete foundation block dosed at 250 kg / m³, including a diamond point ridge projection with mortar; • All handling, installation, finishing, smoothing, fixing on the support and repairing the surroundings; • all constraints linked to traffic conditions and compliance with environmental regulations; • and all other constraints. The Unit at:	u	

Document N°7

**BILL OF QUANTITIES AND ESTIMATES FOR THE REHABILITATION
OF THE ROAD MBESOH-MBAGHANG-NKAHMBI (3.00 Km)**

BILL OF QUANTITIES

COST ESTIMATE FOR THE CONSTRUCTION OF A BRIDGE OF SPAN 6m AT MILE FIVE OVER THE MENKA STREAM LINKING THE MILE FIVE JUNCTION (N11) TO THE MISPA ORPHARNAGE AT MENKA QUARTERS, INCLUDING THE REHABILITATION OF THE ROAD SECTION FROM MILE FIVE JUNCTION(N11) TO THE MISPA ORPHARNAGE (1.5KM) IN MENKA NKWEN BAMENDA III SUB DIVISION MEZAM DIVISION IN THE NORTH WEST REGION.

BILL OF QUANTITIES AND COST ESTIMATES					
N/S	DESCRIPTION	UNIT	Q'TY	U.P	AMOUNT
	Series 000 - SITE INSTALLATION				
1	Site Installation	LS	1		
2	Geotechnical and technical studies (performance program and Execution Documents)	LS	1		
	Total Site Installation				
	Series 100 - SITE PREPARATION				
101	Bush cutting (Cutting of rafia)	m2	2800		
103	Diversion of water course/road and construction of a temporal wooden bridge	LS	1		
104	Demolition of the existing structures (Wooden structure)	LS	1		
106	Implantation	LS	1		
	Total Site Preparation				
	Series 200 - GENERAL EARTH WORKS				
201	Excavation of the water bed and around the bridge	M3	800		
202	Excavation of trenches	M3	300		
203	Backfill of excavation	M3	150.33		
204	Access fill from borrow pit and re-elevation of the carriage way on the swamp	M3	1173.8495		
205	Resurfacing of the filled accesses to the bridge (Transition slab)	M3	300		
206	Opening of the upstream water runway and the down stream	m3	500		
	Total General Earth Works				
	Series 300 - FOUNDATIONS - ABUTMENT - WING WALLS - DECK				
301	Hard Core on all the area to be covered by the bridge	M3	200		
302	Stone masonry works for foundation, abutment and wing walls	M3	120.33		
303	Filtering material behind the abutment	M3	25		
305	Leam concrete floor dosed at 200kg/m3	M3	14		
306	Fat concrete 15cm thick dosed at 250kg/m3 for the water proof behind the abutment and wing walls	M3	0		
307	Reinforced concrete dosed at 400Kg/m3 for footings	M3	44.55		
308	Reinforced concrete dosed at 400kg/m3 for the Beams of the slab, the slab and kerbs of the bridge	M3	15.5		
309	Reinforced concrete 15 cm thick dosed at 350kg/m3 for raft of the bridge (at the floor of the bridge, should extend upstream by 02m and 01m downstream	M3	11.55		
	Ordinary formwork for the hidden concrete parts of the deck/Scaffolding	LS	85		
312	Neat formwork for the visible concrete parts of the deck Scaffolding	LS	120		
	Total Foundations - Abutment - deck				
	Series 400- PAINTING				
401	Antirust paint on metal paint on metal surfaces	ls	1		

402	Oil paint	ls	1		
403	Coating of the concreted part of the bridge in contact with soil (rear of the abutment footing) with hydrocarbon binder	M2	120		
	Total paint				
	Series 500 - Equipment				
	Mixt guard rails (RC + iron tube 60)	ML	24		
501	Weep holes	U	40		
503	Drainage pipes	ML	12		
504	Sign posts	U	2		
505	RC Post marker (Balise)	U	12		
	Total Equipment				
	Series 600 - DRAINAGE				
601	Stone masonry v gutters Connecting water in to the bridge	ML	100		
	Total Drainage				
	MONTANT				
BILL OF QUANTITY AND COST ESTIMATE FOR THE REHABILITATION OF (1.5KM) OF ROAD					
No		U	QUANTITY	P.U.HTVA	P.TOTAL
SERIE 100 :INSTALLATIONS					
102	Mobilization and the bringing and folding of Equipment	ff	1		
	Total installations				
WORKS ON THE ENTIRE SITE					
201	Bush clearing	m2	200		
	Total on gen site works				
WORKS ON THE CLEARING OF THE ROAD SURFACE					
301	Cut and throw	m3	100		
302	Fill from borrow pit	m3	600		
303	Mounding and compaction	km	1.5		
304	scarification with gutters and offshuts	m2	5000		
305	Rolling course in lateritic soil	m3	855		
307	Addition transport cost on distance above 5km	m3	2700		
	Total surface works				
DRAINAGE					
401	Culvert Ø 800 mm	ml	51.8		
402	Inlet for Ø 800 mm	U	7		
403	Outlet for Ø800 mm	U	7		
	Stone masonry v gutters	ml	200		
	Total drainage				
Montant HTVA					
SUMMARY					
CONSTRUCTION OF THE MENKA BRIDGE					
REHABILITATION OF (1.5KM) OF ROADS					
Montant HTVA					
TVA (19.25%)					
I.R (2.2% AU 5.5%)					
Montant TTC					
NET A MANDATER					

Document N°8
SUB-DETAILS OF PRICES

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

Document N°9
MODEL CONTRACT

Awarded through Open National Invitation to Tender

N°...../ONIT/NWRTB/GOV-NW/2026 OF /..... /2026 FOR THE CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER MENKA LINKING THE MILE V JUNCTION AND THE ORPHANAGE MISPA IN MENKA NKWEN, MEZAM DIVISION, NORTH WEST REGION ENTERPRISE:

[indicate name and full address of holder]

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

Business Registry N°. _____ at

Taxpayer's No. _____

EXECUTION DEADLINE: _____

AMOUNT OF CONTRACT IN FCFA:

Total exclusive of all taxes	
VAT (19.25%)	
I.R (2.2 or 5.5%)	
TOTAL inclusive of all taxes	
Net Payment (Total – IR)	

FINANCING: BIP MINTP 2026

SUBSCRIBED ON: _____

SIGNED ON: _____

NOTIFIED ON: _____

REGISTERED ON: _____

BETWEEN

the Governor of The North West, herein referred to as the “Delegated Contracting Authority” ON THE ONE HAND

AND

THE COMPANY: _____
Represented by the General Manager
Hereafter known as the “The Contractor” ON THE OTHER HAND

THE FOLLOWING AGREEMENT HAS BEEN ENTERED INTO

Summary

Part I: Special Administrative Conditions (SAC)

Part II: Special Technical Conditions (STC)

Part III: Schedule of Unit Prices (SUP)

Part IV: Details or Estimates

Document N°10

ANNEX

SUMMARY

Annex 1: Model of declaration of intention to tender.....	160
Annex 2: Tender Model.....	161
Annex 3: Model of Bid Bond.....	162
Annex 4: Model of final bond.....	163
Annex 5: Model of start-up advance bond.....	164
Annex 6: Model of commitment of availability	165
Annex 7: Model of references of the Enterprise.....	166
Annex 8: Model of equipment list.....	167
Annex 9: Model of key staff	168
Annex 10: Model of site visit report	169

ANNEX No. 1: DECLARATION FORM

THE MODEL UNDERTAKING BY THE BIDDER

Name of project.....Invitation to tender N°.
for the construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region Acting in the capacity of (9)in the name and on behalf of (10) atRC N°.by virtue of the power vested in me (us), domiciled at P.O.Box..... (Town), telephone N°, after having studied all the documents of the tender file relating to the Invitation to Tender N°, and after having assessed in my (our) point of view and under my (our) responsibility the nature and difficulties entailed with the execution of the job, I (we) do hereby tender and commit myself (ourselves) to carry out works for The construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region under “emergency procedure city in keeping with the terms and conditions of the tender file.

I commit myself (We commit ourselves) in case my (our) tender is retained, to execute the contract within (.....) months as from the date of notification of award of the contract.

I hereby commit myself (We hereby commit ourselves) to maintain the amount of my (our) tender for a period of sixty (60) days with effect from the deadline for submission of bids.

Done at , on

General Manager

Signature(s).....

Biddder(s).....

For companies, indicate:

The company (company or trade name, form, nationality and registered office)

« Represented by the undersigned » (name, first name and status)

For companies without a legal status, indicate:

« We, the undersigned, »

(For each person: name, first name, company name, nationality, location of the registered office)

« Constituted in a group of companies for the execution of this contract, jointly commit ourselves »

(8) Name, first name, profession, residence

(9) Position in the enterprise

(10) Company name

Annex No. 2: Model tender

I the undersigned Mr.

Taxpayer n°

Acting on the name and on behalf of ETS..... P.O. BOX

After having taken knowledge, of all relative files of the present contract document for the for The construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region “hereby:

1 -. Submit and commit to execute the works in accordance with the invitation to tender file according to the prices that I have fixed after having appreciated to my point of view and under my responsibility, the nature and the benefit, which make up the sum of Francs cfa all taxes included.

Amount in figures FCFA TTC:

2 - Commit to undertake from the receipt of the service order to begin works given out by the Delegated Contracting Authority, the setting up of the personnel for the works and the material as foreseen in the terms of the contract file.

3 - Declare that this tender remains valid within ninety (90) days counting from the limit date of the submission of the bid.

4 - Commit to respect the duration of three (03) months foreseen by the planning of execution of the works that I myself have established.

5 - Affirm by right at the risk of termination that I have not fallen as well as the enterprise for which I act, under the influence of legal interdictions decreed in the Republic of Cameroon.

Done at..... on.....

Signature (s)

ANNEX No. 3: MODEL BID BOND

Bank

Reference of guarantee: No.

To , of the Governor of the North West Region Room No

Republic of Cameroon

Invitation to Tender No.

Bid bond for the execution of for The construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region

The Contractor (5) hereby submits on to the Governor of the North West Region Room No a bid relating to the rehabilitation of some road stretches in Bamenda city

To this effect, and in keeping with the conditions stated in the Tender file, the bidder shall present to the Governor of the North West Region Room No acting in the capacity of Delegated Contracting Authority, a bid bond amounting to CFA Francs (6).

By this guarantee, we the undersigned, (7)with our registered office in, are committed towards the Governor of the North West Region Room No (Delegated Contracting Authority), through the bidder for the sum of CFA Francs(in figures).....(in full).

By this guarantee, we irrevocably commit ourselves, without any argument or delay, to pay into an account indicated by the North West Region Room No, the amount of the guarantee at the first written request, as soon as the latter shall inform us in writing that the bidder does not keep the commitment he took in his tender.

The request for payment of guarantee shall be countersigned by the Governor of the North West Region Room No. This guarantee shall be released latest ninety (90) days after the expiration of the validity of the tender or, in case the enterprise shall be the successful bidder, after presentation of the performance bond which shall be kept by the Council Internal Tenders Board.

The laws as well as the jurisdiction of application for the guarantee shall be those of the Republic of Cameroon.

Done at, on

Mr (Messrs).....

Signature(s) & stamps

(5) Bidder

(6) Stated in the Special regulations governing the invitation to tender

(7) Bank

ANNEX No. 4: MODEL OF PERFORMANCE BOND (RETENTION BOND)

Bank:

Reference of bank guarantee:

N°.....

To the Governor of the North West Region Room No (Delegated Contracting Authority)

The enterprise.....

SECURITY BOND FOR THE GUARANTEE OF GOOD EXECUTION OF WORKS OF THE CONSTRUCTION OF A BRIDGE OF SPAN 6M OVER RIVER MENKA LINKING THE MILE V JUNCTION AND THE ORPHANAGE MISPA IN MENKA NKWEN, MEZAM DIVISION, NORTH WEST REGION

We, Bank..... have been informed that between, the Governor of the North West Region Room No acting as the Delegated Contracting Authority, and..... acting as entrepreneur, a contract has been concluded for The construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwén, Mezam Division, North West Region covering the guarantees, engagement and other liabilities being incumbent upon the entrepreneur because of the contract of an amount equal to.....

We, Bank..... engage ourselves irrevocably and without profit of discussions by this present, to pay in favour of the Cameroonian administration at the first written request of the Governor of the North West Region and within eight (08) weeks maximum period, up to the amount of this present guarantee, the sum of

All that could be due, of the Governor of the North West Region by the entrepreneur because the entrepreneur would not fulfil one or several of his/her engagement as stipulated in his/her bid.

A mobilisation request of this present guarantee will be object of a justifying recommended letter with accused receipt and copy to the entrepreneur clearly formulating completely the reasons of this request.

This present banking guarantee will enter in force at the date of notification of the contract to the entrepreneur.

The original of this present guarantee will be preserved in the services of the Governor of the North West Region.

This guarantee will be released within sixty (60) days counting from the date of the provisional reception of works.

After this date, the guarantee will be without object and should be returned to us without express demand of our part.

The law as well as the jurisdiction applicable to this guarantee are those of the Republic of Cameroon.

Done at..... on.....

Signature (s)

ANNEX No. 5: MODEL OF START-OFF ADVANCE BOND

Bank

Reference of guarantee No.....

To the Governor of the North West Region Room No

Republic of Cameroon

Invitation to Tender N°.

BANK GUARANTEE FOR THE REFUND OF THE START-OFF ADVANCE RELATING TO THE CONSTRUCTION WORKS

We..... (Bank) have been informed that a contract has been signed between, of the Governor of the North West Region Room No, acting in the capacity of Delegated Contracting Authority, and....., acting as contractor for the construction of a bridge of span 6m over river Menka linking the mile v junction and the Orphanage Mispa in Menka Nkwen, Mezam Division, North West Region

In compliance with the provisions of Article of Contract N°, the contractor shall be bound to present to the Governor of the North West Region, Delegated Contracting Authority, a bank guarantee with the purpose to assure the refund of the start-off advance granted to the enterprise and amounting to CFA Francs
.....

We, (bank) do hereby commit ourselves, irrevocably and without arguing to pay to the Governor of the North West Region, at the written request from the Governor of the North West Region and within three (03) weeks the amount of this guarantee, that is to say., all the amounts that the contractor may owe the Delegated Contracting Authority for failing to fulfil one or more of his obligations under the contract.

The request to partially or fully stake this guarantee shall be the subject of a registered letter of justification with confirmation of receipt and a copy to the contractor clearly stating and supplementing the reasons for his request. This letter shall be countersigned by the Governor of the North West Region

The bank guarantee shall take effect as from the date of payment of the start-off advance. The original of this guarantee shall be kept by the Council Internal Tenders Board. The guarantee shall be released upon refund of the full amount of the advance. After this date, the guarantee shall no longer apply and shall be returned to us without express request.

The laws as well as the jurisdiction of application for the guarantee shall be those of the Republic of Cameroon.

Done at, on

Mr (Messrs).....

Signature(s) & stamps of the bank

ANNEX No.6: MODEL OF COMMITMENT OF AVAILABILITY

To Whom It May Concern:

Subject: COMMITMENT OF AVAILABILITY.

I the undersigned, (specify Name, qualification -diploma or certificate) and holder of National Identity Card N° _____ issued on _____ at _____ Tel: _____ is committed and will be available to work as (specify post occupied) with (name of enterprise) if Open National Invitation to Tenders No. 001/ for (indicate the name of project) is awarded to ETS

Done at _____ the _____

Sign; _____

ANNEX No. 7: MODEL REFERENCES OF THE ENTERPRISE

The most representative services and similar to those described in the Special technical conditions above over the last three years

N°	Year	Contract	Purpose	Funding	Amount (ATI) (CFAF)	Acceptance date
1						
2						

NB: for each contract named in the above board, please joint:

- Photocopy of first and last pages of the contract,
- Photocopy of provisional (or final) acceptance report.

Done on, at

Mr (Messrs).....

Signature(s).....

ANNEX No. 8: MODEL EQUIPMENT LIST.

DESIGNATION	NUMBER	AGE-STATE	ORIGIN	STATUS

ANNEX No.9: KEY STAFF

	NAME	QUALIFICATION	EXPERIENCE	FUNCTION
ADMINISTRATIVE AND TECHNICAL STAFF OF THE ENTERPRISE				
SUPPORT STAFF				

Document N°11

LIST OF BANKING INSTITUTIONS AND INSURANCES

BANKS

1. Afriland First Bank (AFB)
2. Banque Atlantique Cameroun (BACM)
3. Banque International du Cameroun pour l'Epargne et le Crédit (BICEC)
4. CITI Bank N.A. CAMEROON
5. Commercial Bank of Cameroon (CBC)
6. Ecobank Cameroon (EBC)
7. National Financial Credit Bank (NFC BANK)
8. Société Commercial de Banques Cameroun (CA-SCB)
9. Société Générale de Banque au Cameroun (SGBC)
10. Standard Chartered Bank Cameroon (SCBC)
11. Union Bank of Cameroon PLC (SCBC)
12. United Bank for Africa (UBA)
13. Financement International (BGFI Bank), B.P.600 Douala
14. Bank Of Africa Cameroun (BOA CAMEROUN), B.P. 4593 Douala
15. Credit Communautaire d'Afrique (CCA-Bank)
16. Banque Camerounaise des Petites et Moyennes Entreprises (BC-PME), B.P. 12 962, Yaoundé

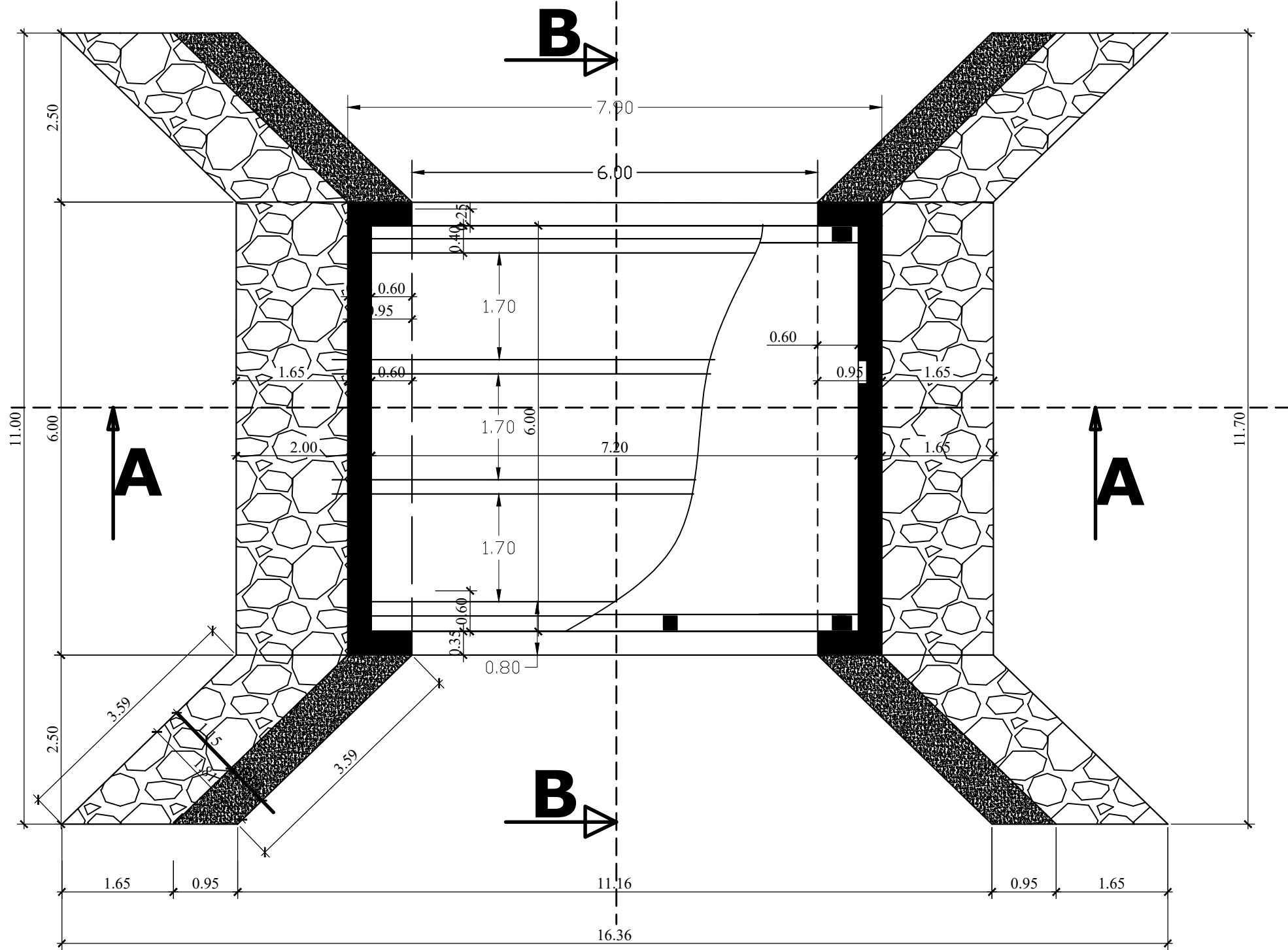
II- Insurance companies

1. Chanas Assurances S.A. BP 109/Douala;
2. Activa Assurnces S.A. BP 12970/Douala ;
3. Zenithe Insurance S.A. BP 1540/Douala.
4. Area Assurance
5. Beneficial General Insurance
6. NSIA Assurance
7. PRO ASSUR SA
8. SAAR Insurance Saham Assurance
9. CPA SA
10. Atlantique Insurance SA

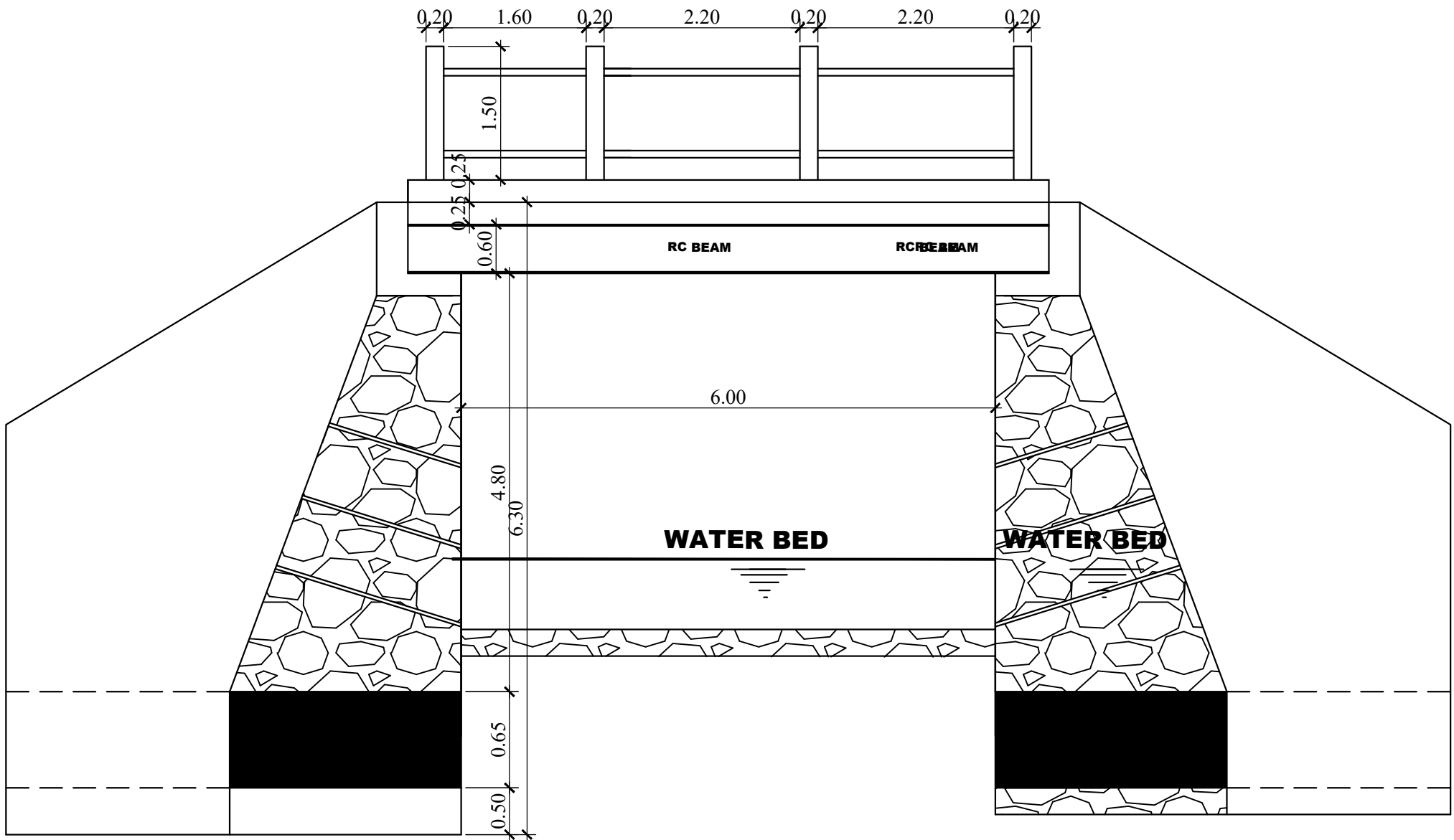
N.B: The above list is available on the web site:www.armp.cm

Document N°12

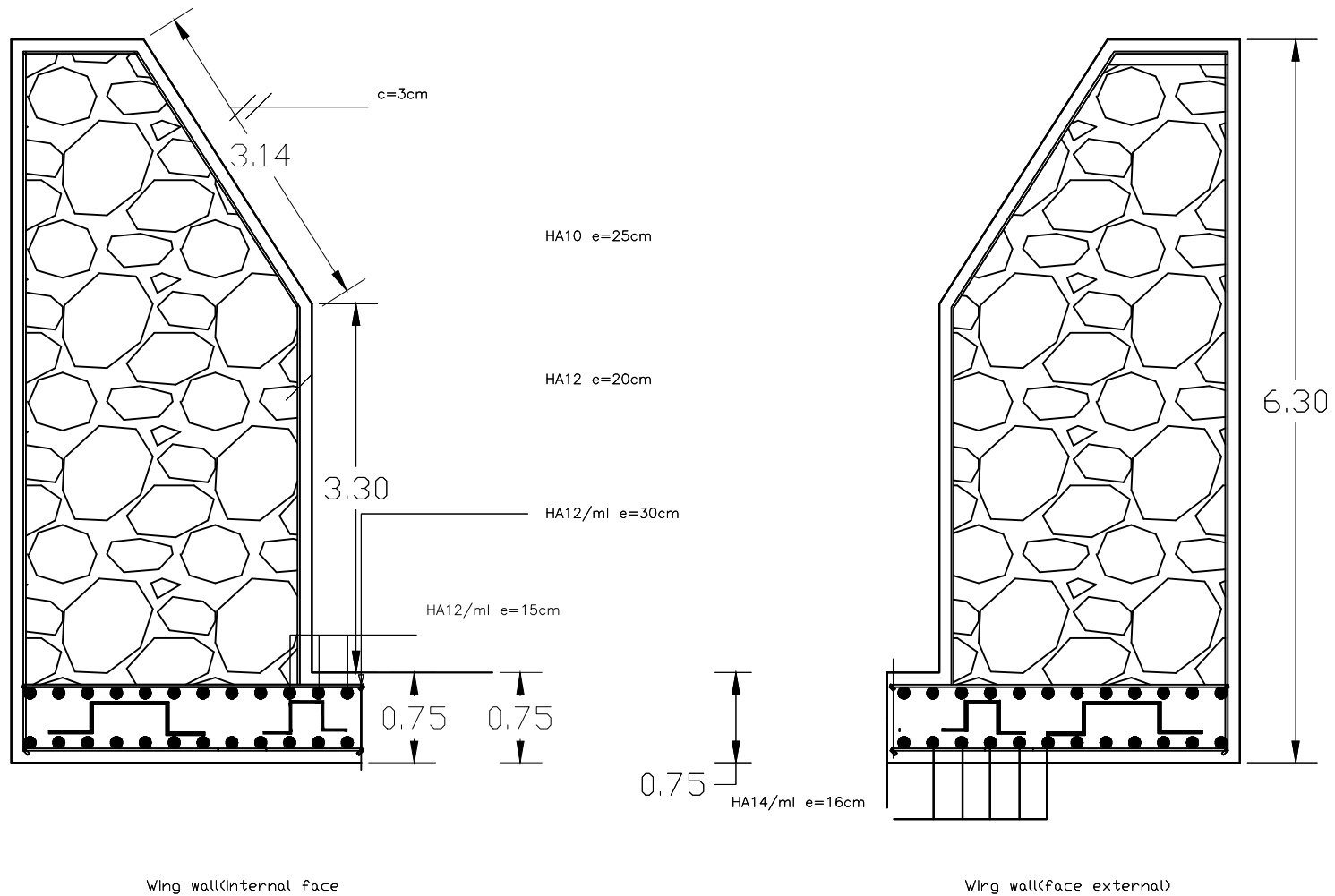
DRAWINGS



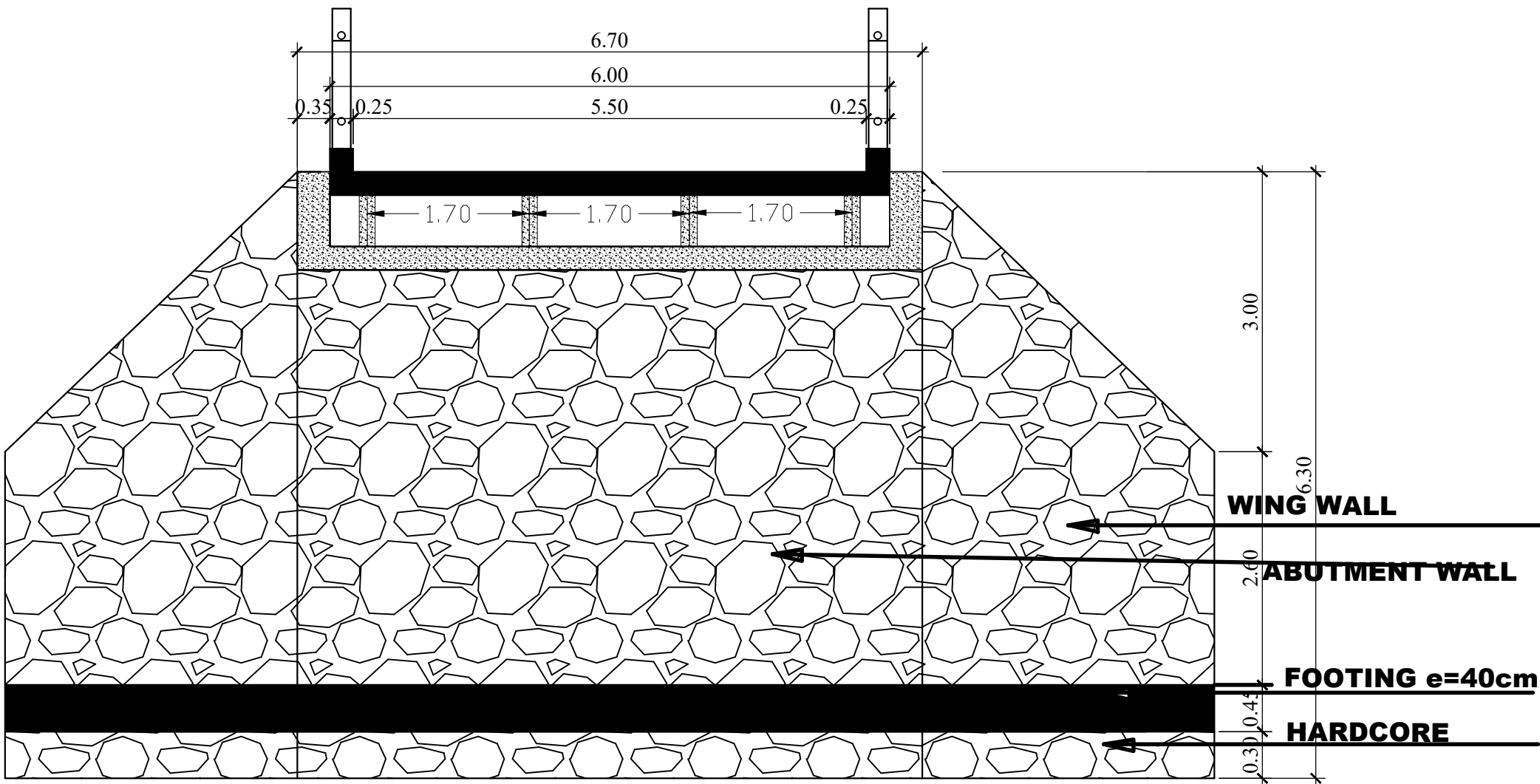
PLAN



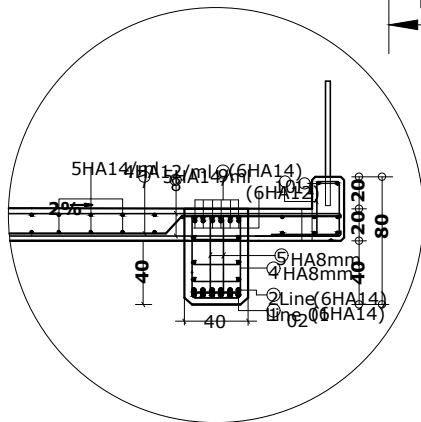
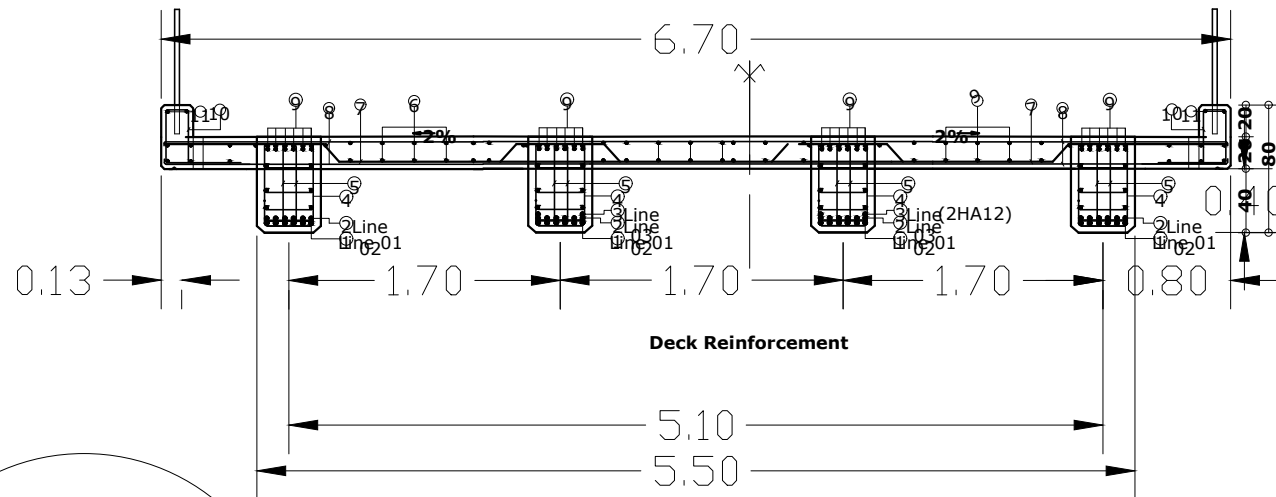
SECTION A-A



Abutment and Renforcement for footing



SECTION B-B



Detail of the deck and beam

A : A		B-B	
C-C			
code	diameter	code	diameter
1	14	5	8
2	14	14	12
3	12	9	14
4	8	8	14
6	14	7	12

BEAM AND TABLE OF REINFORCEMENT