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MINISTRY OF DECENTRALISATION & LOCAL DEVELOPMENT

BAMENDA CITY COUNCIL

DEPARTMENT OF TECHNICAL SERVICES

*THE CITY MAYOR
BAMENDA CITY COUNCIL*

BAMENDA CITY COUNCIL INTERNAL TENDERS BOARD

**Open National Invitation Tender File No001/BCC/ITB/2026
of 20th February 2026**

**For the tarring with double coat surface dressing of some
roads in Bamenda I Sub Division**

FINANCING: MINDDEVEL 2026 BUDGET

BUDGET HEAD: 60 27 291 1 32000005 0411523511

FINANCIAL YEAR 2026

FEBRUARY 2026

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DOCUMENT NO. 0:
LETTER OF INVITATION TO TENDER

(NOT APPLICABLE)

DOCUMENT No. 1
TENDER NOTICE (AAO)



MINISTRY OF DECENTRALISATION AND LOCAL DEVELOPMENT

BAMENDA CITY COUNCIL

INTERNAL TENDERS BOARD

TENDER NOTICE

Open National Invitation to tender No001/ONIT/BCC/ITB/2026 of 20th February 2026
for the tarring with double coat surface dressing of some roads in Bamenda I Sub Division

1. Subject of the tender

Within the framework of the execution of the 2026 Investment Budget of the MINDDEVEL, the City Mayor hereby launches an Open National Invitation to Tender for tarring with double coat surface dressing of some roads in Bamenda I Sub Division.

2. Nature of works

Works comprise especially: preliminary works, cleaning and earthworks, road layers (subgrade, base course), drainage structures, hydraulic structures, signalization and equipment, other activities, displacement of networks and all other submissions necessary for the good execution of the works. The stretches include:

- HIGH COURT - COURT OF FIRST INSTANCE 0.40 Km;
- COURT OF FIRST INSTANCE - GRA ROAD 0.55 Km;
- ROAD INFRONT PIC OFFICE 0.35 Km;
- ROAD TO RDMINDEVEL 0.20KM.

3. Phases/Allotment

The works are of a single phase and regrouped in one lot.

4. Estimated cost

The estimated cost of the operation following preliminary studies is **two hundred and forty-four million four hundred and ninety-seven thousand five hundred (244,497,500) Francs CFA** inclusive of all taxes.

5. Estimated execution deadline

The maximum time frame provided for by the Project Owner for the execution of works subject of this invitation to tender is **three (3) calendar months**. This time frame shall run from the date of notification of the administrative order to commence the services.

6. Participation and origin

Participation in this invitation to tender is open to all national enterprises specialized and categorized in road construction and public works.

7. Funding

The works under this invitation to tender shall be financed by MINDDEVEL of 2026 financial year, budget head No60 27 291 1 32000005 0411523511.

8. Bidding method

The submission method selected for this consultation is online.

9. Bid bond

Each bidder must include in his administrative documents, a hand-endorsed bid bond, issued by a financial body or institution approved by the Minister in charge of finance to issue bonds for public contracts and whose list appears in document 14 of the Tender File (TF), of an amount of **four million eight hundred and eighty-nine thousand nine hundred and fifty (4,889,950) CFA francs**, and valid up to thirty (30) days beyond the

initial date limit of the validity of bids. The absence of the bid bond issued by a first-rate bank or financial body of first category authorised by the Minister in charge of Finance to issue bonds for public contracts shall cause the immediate rejection of the offer. A bid bond submitted but that does not have any relation with the consultation concerned shall be considered as absent. The bid bond presented by a tenderer at the bid opening session shall not be accepted. The bid bond bearing a fiscal stamp should be accompanied by a CDEC receipt.

10. Consultation of Tender File

The hard copy of the file may be consulted free of charge during working hours in the SIGAMP Services of the Bamenda City Council, Tel: 633 36 12 67 / 67785 03 32.

It may equally be consulted **online on the COLEPS platform at the following addresses:**

<http://www.marchespublics.cm> and <http://www.publiccontracts.cm> on the ARMP website (www.arma.cm).

11. Acquisition of Tender File

The hard copy version of the file may be obtained from the SIGAMP Services of Bamenda City Council, Tel: 633 36 12 67 / 67785 03 32 as soon as this notice is published against payment of a non-refundable sum of **one hundred and thirty-six thousand one hundred (136,100) CFA Francs**, payable at the Bamenda City Council Treasury under the budgetary head 712 101.

It is equally possible to obtain the electronic version of the Tender File by downloading it free of charge through the addresses indicated above. However, online submission is subject to the payment of Tender File purchase fees

12. Submission of bids

The bid must be submitted by the bidder on the COLEPS platform latest on **19th March 2026 at 10am** server time. A back-up copy of the tender recorded on a USB key or CD/DVD must be sent in a sealed envelope with the clear and legible indication "back-up copy", in addition to the above mentioned indication, within the deadline set and a copy of the administrative file.

File size and format

The maximum sizes of the documents that will be uploaded on the platform and constitute the tenderer's offer are the following:

- 5 MB for the Administrative file;
- 15 MB for the Technical Offer;
- 5 MB for the Financial Offer.

The following formats are accepted:

- PDF format for text documents;
- JPEG for images.

The applicant shall make sure that he uses compressing software to possibly reduce the size of the files to be transmitted.

13. Admissibility of bids

The offer must be submitted by the bidder on the COLEPS platform;

Any incomplete offer in accordance with the prescriptions of the Tender File shall be declared inadmissible. Especially the absence, insufficient or non-compliant bid bond issued by a financial body or institution approved by the Minister in charge of Finance to issue bonds for public contracts or the failure to comply with the model documents of the Tender File shall lead automatically to the rejection of the bid without any other procedure. A bid bond submitted but not relating to the consultation concerned shall be considered as absent. A bid bond presented by a bidder during the bid opening session shall not be accepted.

14. Opening of bids

The bids shall be opened in single phase and shall take place on 19th March 2026 at 11 am precisely by the Delegated Project Owner's Tenders Board in the Bamenda City Council Internal Tenders Board conference hall located at Mulang.

Only tenderers may attend this opening session or be represented by a person of their choice, duly authorised, even in case of a group of enterprises.

For fear of being rejected, the required administrative documents must be submitted in scanned originals or true copies certified by the issuing service or the relevant administrative authority, in accordance with the provisions of the Special Regulations Governing the Invitation to Tender. They shall be no later than 3 (three) months old from the original deadline for the submission of tenders or must have been issued after the date of signature of the Tender Notice except the CNPS certificate which has a validity of at least one month.

In case of absence or non-conformity of a document in the administrative file during the opening of bids, after a 48 (forty-eight) hours deadline granted by the Board, the file shall be rejected.

15. Evaluation criteria

15.1 Eliminary criteria

The eliminary criteria include:

- Absence insufficient or non-compliant bid bond at the opening of bids;
- Failure to submit, beyond the 48 (forty-eight) hours deadline after the opening of bids, a document of the administrative file deemed non-compliant or absent (except the bid bond);
- False declarations, fraudulent schemes or forged documents;
- Failure to comply with four (4) essential criteria out of 6;
- Failure to comply with bids file format;
- Absence of a quantified unit price in the financial offer;
- Absence of grading (categorisation) certificate;
- Absence of an element in the financial offer (submission, BPU, DQE);
- Absence of integrity charter dated and signed;
- Absence of the dated and signed commitment statement to comply with environmental and social clauses.

15.2 Essential criteria

The essential criteria for the qualification of bidders shall focus especially on:

- Presentation of bid;
- Bidder's references;
- Financial capacity; (Access to a line of credit or other financial resources, turnover, certificate of financial solvency);
- Personnel qualification and experience;
- Logistics means,
- Methodology.

16. Award of contract

The Delegated Project Owner shall award the contract to the bidder whose bid meets the required technical and financial qualification criteria and whose offer was evaluated as the lowest by including as the case may be, the rebates proposed.

17. Maximum number of lots:

Not applicable.

18. Duration of validity of bids

Bidders shall remain committed to their bids for 90 days from the initial deadline set for the submission of bids.

19. Further information

Additional information may be obtained during working hours from the SIGAMP Services of the Bamenda City Council, Tel: 233 36 12 67 / 67785 03 32 or online on the COLEPS platform via <http://www.marchespublics.cm> and <http://www.publiccontracts.cm>.

20. Fight against corruption and malpractices

For any denunciation of corruption attempt practices, facts or acts, please call the National Anti-Corruption Commission (NACC) on 1517, the Authority in charge of Public Contracts (MINMAP) (SMS or call) on (+237) 673 20 57 25 and 699 37 07 48, the ARMP on..... or the PO on 633 36 12 67.

Bamenda, the _____
The City Mayor, Bamenda City Council,
(Contracting Authority)

ACHOBONG TAMBENG PAUL

Copies:

- Authority in charge of Public Contracts (MINMAP);
- ARMP
- Chairperson of the BCC ITB;
- Notice board/file



MINISTRY OF DECENTRALISATION AND LOCAL DEVELOPMENT

BAMENDA CITY COUNCIL

INTERNAL TENDERS BOARD

AVIS D'APPEL D'OFFRES

Avis d'Appel d'Offres National Ouvert N°001/ AONO/CUB/CIPM/2026 du 20 Février 2026 pour la revêtu
en bicouche de certaines routes dans l'arrondissement de Bamenda I

1. Objet de l'Appel d'Offres

Dans le cadre de l'exécution du budget d'investissement de l'exercice 2026 du MINDDEVEL, le Maire de la ville lance un Appel d'Offres National Ouverte pour le projet susmentionné.

2. Consistance des travaux

Les travaux comprennent notamment : travaux préliminaires, nettoyage et terrassements, couches de chaussée (fondation, couche de base), ouvrages de drainage, ouvrages hydrauliques, signalisation et équipements, autres activités, déplacement des réseaux et toutes autres sujétions nécessaires à la bonne exécution des travaux. Les tronçons à reverter sont :

- HIGH COURT - COURT OF FIRST INSTANCE 0.40 Km;
- COURT OF FIRST INSTANCE - GRA ROAD 0.55 Km;
- ROAD INFRONT PIC OFFICE 0.35 Km;
- ROAD TO RDMINDEVEL 0.20KM.

3. Tranches/Allotissement

Les travaux sont en une tranche et regroupés à un lot unique.

4. Coût prévisionnel

Le coût prévisionnel de l'opération à l'issue des études préalables est de deux cent quarante-quatre millions quatre cent quatre-vingt-dix-sept mille cinq cents (244 497 500) francs CFA

5. Délai prévisionnel d'exécution

Le délai maximum prévu par le Maître d'Ouvrage ou le Maître d'Ouvrage Délégué pour la réalisation des travaux, objet du présent appel d'offres est de trois (3) mois calendaires. Ce délai court à compter de la date de notification de l'ordre de service de commencer les prestations.

6. Participation et origine

La participation à cet appel d'offres est ouverte à toutes les entreprises nationales spécialisées et catégorisées dans la construction routière et les travaux publics.

7. Financement

Les travaux objet du présent appel d'offres sont financés par le MINDDEVEL de l'exercice 2026 sur la ligne d'imputation budgétaire n°60 27 291 1 32000005 0411523511.

8. Mode de soumission

Le mode de soumission retenu pour cette consultation est en ligne.

9. Cautionnement de soumission

Chaque soumissionnaire doit joindre à ses pièces administratives un cautionnement de soumission, acquitté à la main, délivrée par un organisme ou une institution financière agréée par le Ministre chargé des finances

pour émettre les cautions dans le domaines des marchés publics dont la liste figure dans la pièce 14 du DAO dont le montant s'élève quatre millions huit cent quatre-vingt-neuf mille neuf cent cinquante (4 889 950) francs CFA et valable jusqu'à trente (30) jours au-delà de la date initiale de validité des offres. L'absence de la caution de soumission délivrée par une banque de premier ordre ou un organisme financier de première catégorie autorisé par le Ministère chargé des Finances à émettre des cautions dans le cadre des marchés publics, entraînera le rejet pur et simple de l'offre. Une caution de soumission produite mais n'ayant aucun rapport avec la consultation concernée est considérée comme absente. La caution de soumission présentée par un soumissionnaire au cours de la séance d'ouverture des plis est irrecevable. La caution de soumission doit porté un timbre fiscal et accompagné par le reçu de la CDEC.

10. Consultation du Dossier d'Appel d'Offres

Le dossier physique peut être consulté gratuitement dans les services du MO aux heures ouvrables au services de SIGAMP de la Communautaire de Bamenda, Tel: 633 36 12 67 / 67785 03 32, dès publication du présent avis.

Il peut également être consulté en ligne sur la plateforme COLEPS aux adresses <http://www.marchespublics.cm> et <http://www.publiccontracts.cm> sur le site internet de l'ARMP (www.armp.cm).

11. Acquisition du Dossier d'Appel d'Offres

La version physique du dossier d'appel d'offres peut être obtenue au services de SIGAMP de la Communautaire de Bamenda, Tel: 633 36 12 67 / 67785 03 32 dès publication du présent avis, contre versement d'une somme non remboursable des frais d'achat du DAO de cent trente-six mille cent (136,100) Francs CFA, payable à la trésorerie de la Communautaire de Bamenda sous la ligne budgétaire 712 101.

Il est également possible d'obtenir la version électronique du dossier par téléchargement gratuit aux adresses sus indiquées pour la version électronique. Toutefois, la soumission par voie physique ou électronique est conditionnée par le paiement des frais d'achat du DAO.

12. Remise des offres

L'offre devra être transmise par le soumissionnaire sur la plateforme COLEPS ou toute autre moyen de communication électronique officiel à préciser par le maître d'ouvrage au plus tard le **19 Mars 2026 à 10H** heure de serveur. Une copie de sauvegarde de l'offre enregistrée sur clé USB ou CD/DVD devra être transmise sous pli scellé avec l'indication claire et lisible « copie de sauvegarde », en plus de la mention ci-dessus dans les délais impartis et une copie de l'original de l'offre administrative.

Taille et format des fichiers

Les tailles maximales des documents qui vont être télécharger sur la plateforme et constituant l'offre du soumissionnaire sont les suivantes :

- 5 MO pour l'Offre Administrative ;
- 15 MO pour l'Offre Technique ;
- 5 MO pour l'Offre Financière.

Les formats acceptés sont les suivants :

- Format PDF pour les documents textuels ;
- JPEG pour les images.

Le candidat veillera à utiliser des logiciels de compression afin de réduire éventuellement la taille des fichiers à transmettre.

13. Recevabilité des plis

L'offre devra être transmise par le soumissionnaire sur la plateforme COLEPS ;

Toute offre incomplète conformément aux prescriptions du Dossier d'Appel d'Offres sera déclarée

irrecevable. Notamment l'absence, insuffisant ou non-accommodante de la caution de soumission délivrée par un organisme ou une institution financière agréée par le Ministre en charge des finances pour émettre les cautions dans le domaine des marchés publics ou le non-respect des modèles des pièces du Dossier d'Appel d'Offres, entraînera le rejet pur et simple de l'offre sans aucun recours. Une caution de soumission produite mais n'ayant aucun rapport avec la consultation concernée est considérée comme absente. La caution de soumission présentée par un soumissionnaire au cours de la séance d'ouverture des plis est irrecevable.

14. Ouverture des plis

Les offres seront ouvertes en une seule phase et auront lieu le **19 Mars 2026** à **11 heure** précise par la Commission de Passation Interne du maître d'ouvrage dans la salle de conférence du Commission de Passation Interne de la Communautaire Urbaine de Bamenda située à Mulang.

Seuls les soumissionnaires peuvent assister à cette séance d'ouverture ou s'y faire représenter par une seule personne de leur choix dûment mandatée même en cas de groupement d'entreprises.

Sous peine de rejet, les pièces du dossier administratif requises doivent être produites en originaux scanner ou en copies certifiées conformes par le service émetteur ou l'autorité administrative compétente, conformément aux dispositions du Règlement Particulier de l'Appel d'Offres. Elles doivent dater de moins de trois (03) mois ou avoir été établies postérieurement à la date de signature de l'avis de D'Appel d'Offres.

En cas d'absence ou de non-conformité d'une pièce du dossier administratif lors de l'ouverture des plis, après un délai de 48 heure accordé par la Commission, l'offre sera rejetée.

15. Critères d'évaluation

15.1 Critères éliminatoires

Il s'agit notamment :

- de l'absence, insuffisant ou non-accommodante du cautionnement de soumission à l'ouverture des plis;
- de la non -production au-delà du délai de 48 h après l'ouverture des plis, d'une pièce du dossier administratif jugée non conforme ou absente lors de l'ouverture des plis, (excepté le cautionnement de soumission);
- des fausses déclarations, manœuvres frauduleuses ou des pièces falsifiées ;
- du non-respect de 4 critères essentiels sur 6 ;
- du non-respect du format de fichier des offres ;
- l'absence d'un prix unitaire quantifié dans l'Offre financière ;
- de l'absence de l'attestation de catégorisation ;
- de l'absence d'un élément de l'offre financière (la soumission, les BPU, le DQE) ;
- de l'absence de la charte d'intégrité datée et signée ;
- de l'absence de la déclaration d'engagement au respect des clauses environnementales et sociales datée et signée ;

NB : En fonction de la spécificité de la prestation, d'autres critères pertinents pourront être ajouté lors de l'élaboration des DAO.

15.2. Critères essentiels

Les critères essentiels à la qualification des soumissionnaires porteront à titre indicatif sur :

- la présentation de l'offre ;
- les références du soumissionnaire ;
- la capacité financière (l'accès à une ligne de crédit ou autres ressources financières, le chiffre

d'affaires, attestation de solvabilité financière).

- la qualification et l'expérience du personnel
- les moyens logistiques
- la méthodologie

16. Attribution

Le Maître d'Ouvrage attribue le marché au soumissionnaire ayant présenté une offre remplissant les critères de qualification technique et financière requises et dont l'offre est évaluée la moins-disante en incluant le cas échéant les remises proposées.

17. Nombre maximum de lots :

Non applicable.

18. Durée de validité des offres

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

19. Renseignements complémentaires

Les renseignements complémentaires peuvent être obtenus aux heures ouvrables au services de SIGAMP de la Communauté de Bamenda, Tel: 633 36 12 67 / 67785 03 32 ou en ligne sur la plateforme COLEPS aux adresses <http://www.marchespublics.cm> et <http://www.publiccontracts.cm>.

20. Lutte contre la corruption et les mauvaises pratiques

Pour toute dénonciation pour des pratiques, faits ou actes de corruption ou faits de mauvaises pratiques, bien vouloir appeler la CONAC au numéro 1517, l'Autorité chargée des Marchés Publics (MINMAP) (SMS ou appel) aux numéros : (+237) 673 20 57 25 et 699 37 07 48, l'ARMP au numéro ou le MO au numéro 633 36 12 67.

Bamenda, le _____

**Le Maire de la Communauté Urbaine de Bamenda,
(Maître d'Ouvrage)**

ACHOBONG TAMBENG PAUL

Copies :

- Autorité chargée des Marchés Publics (MINMAP) ;
- ARMP ;
- Président CIPM CU BDA ;
- Affichage chrono.

DOCUMENT No. 2

GENERAL REGULATIONS OF THE INVITATION
TO TENDER (GRIT)

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General Regulations Governing the Invitation to Tender

A. Generalities

Article 1: Subject of the consultation

1.1. The Delegated Project Owneras defined in the Special Regulations Governing the Invitation to Tender (SRIT) hereby launches an invitation to tender for the execution of the works described in this Tender File and briefly defined in the SRIT.

The name, identification number and number of lots, subject of the invitation to tender feature in the SRIT.

1.2. The bidder retained or the successful bidder shall complete works within the provisional time limit indicated in the SRIT and which runs, except otherwise stipulated in the SAC, from the date of notification of the Administrative Order to commence works.

1.3. In this Tender File, the term 'day' stands for a working day, except calendar days expressly specified in the Public Contracts Code.

Article 2: Financing

Works source of financing subject of this invitation to tender shall be specified in the SRIT.

Article 3: Ethical Principles

3.1. Public sector employees, bidders and contract holders, as well as any other person involved in whatever capacity in the public contracts award, execution and regulation chain shall be subject to the provisions of the laws and regulations forbidding corruption, fraudulent schemes, collusive, coercive or obstructive practices, conflicts of interest, insider trading, and complicity.

In this respect, they subscribe to the integrity charter, the model of which is attached to this Tender File (Document No.10)

By virtue of these principles, the Project Owner or Delegated Project Owner:

a. defined, for the purposes of this clause, the expressions as follows:

- i. Whoever offers, gives, solicits, or accepts any form of benefit to influence the action of a public employee during the award or execution of a contract shall be guilty of "corruption"
- ii. Whoever deforms or distorts facts to influence the award or execution of a contract shall be indulging in "fraudulent schemes".
- iii. Two or more bidders who connive to artificially keep bid prices at a level not commensurate with those which would result from competition shall be guilty of "collusive practices";
- iv. Whoever harms persons or damages their property or makes threats against them, directly or indirectly, to influence their actions during the award or execution of a contract shall be indulging in "coercive practices"
- v. "Conflict of interest" means any situation wherein the holder of a contract or the supervisor of public contracts award and/or execution procedures may derive direct or indirect benefits from a contract concluded by the Delegated Project Owner, any transfer, or any situation in which he has enough personal interests to compromise his impartiality in the discharge of his duties or which may adversely affect his judgement.
- vi. Complicity means:
 - The omission or negligence to carry out controls or to give the prescribed technical opinion;
 - Intentional omission to inform the Project Owner or the competent authority of irregularities noted in the discharge of his duties.

vii. Whoever commits acts aimed at destroying, falsifying, altering or concealing evidence on which an investigation is based or any misrepresentation made to investigators, or any threat, harassment, or intimidation against a person for purposes of preventing him from revealing information relating to an investigation or the continuation thereof, shall be indulging in "obstructive practices".

b. He shall reject any award proposal if there is evidence that the proposed successful bidder, directly or through an agent, is guilty of corruption, conflict of interest, and collusion or has indulged in fraudulent schemes, collusive, coercive, or obstructive practices in connection with the award of this contract.

3.2. The Authority in charge of Public Contracts may, as a precautionary measure, take a decision to ban any bidder or the Administration's contracting partner from bidding for a period not exceeding 2 (two) years for influence peddling, conflict of interest, insider trading, complicity, fraud, corruption, or production of fraudulent documents in his bid, without prejudice to the criminal proceedings that could be initiated against him.

3.3. The Authority in charge of Public Contracts may take a decision banning public sector actors found guilty of violating the provisions of the Public Contracts Code from participating in public contracts award and execution monitoring for a period not exceeding 2 (two) years.

Article 4: Candidates allowed to compete

4.1. Apart from the restricted invitation to tender, which is open to all candidates selected at the end of the pre-qualification procedure and/or those selected in accordance with the categorisation indicated beforehand in the tender notice and recalled in the SRIT, as a general rule, the tender is open to all tenderers, provided that they meet the following eligibility requirements:

a. A bidder (including all members of a group of enterprises and all subcontractors to the bidder) must be from an eligible country, in accordance with the Financing Agreement, if applicable;

b. A bidder (including all members of a group of enterprises and all subcontractors to the bidder) must not be in a situation of conflict of interest under pain of being disqualified for all tenders in which he/she participated. A tenderer may be deemed to be in a situation of conflict of interest under the following conditions:

- i. is associated or was associated in the past with an enterprise (or a subsidiary of this enterprise) which provided consultancy services for the design, preparation of specifications and other documents used within the scope of contracts awarded for this invitation to tender;
- ii. is, in the context of the same tender, the legal representative of another tenderer;
- iii. Participates in more than one tender in the same call for tenders, especially, either individually or as a member of a group of companies, or as a subcontractor in a tender while being an individual tenderer or member of a group of companies. A supplier may be listed as a subcontractor in several tenders, but only as a subcontractor.
- iv. Is affiliated with a group or entity that the Delegated Project Owner has recruited or is about to recruit to participate in the control;
- v. The Delegated Project Owner participates in the capital of the bidder in such a way as to compromise the transparency of public contracts award procedures;

c. A public law corporate body if it demonstrates that it is (i) legally and financially autonomous (ii) managed according to the rules of private accounting and (iii) not under the supervisory authority of the Project Owner or Delegated Project Owner, unless expressly authorised by the Authority in charge of Public Contracts.

d. Civil society organisations and public establishments, provided that the prices proposed are competitive, that is, they have been determined (i) by considering all the direct and indirect costs contributing to the formation of the price of the service covered by the contract and (ii) that they have not benefited, in the determination of this price, from advantages arising from the resources allocated to them by virtue of their public service missions.

4.2. The call for tenders is open or restricted according to the specifications of the SRIT to all candidates who meet the following conditions:

- a. not be in a state of judicial liquidation or bankruptcy;
- b. not be subject to any of the prohibitions or disqualifications (forfeitures) provided for by the laws and regulations in force, whether national or international;
- c. has subscribed to all declarations provided for by the laws and regulations in force.

4.3. To submit an electronic bid via COLEPS or any other electronic communication medium indicated by the Project Owner, the candidate or bidder must be registered on the said platform and possess a valid electronic certificate.

4.4. If the invitation to tender is restricted, the consultation is open to all candidates selected at the end of the pre-qualification procedure and/or to those selected within the framework of the categorisation previously indicated in the invitation to tender and reiterated in the SRIT.

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

5.1. The Contractor's building materials, materials, supplies, equipment and services to be supplied under the Contract must not come, as the case may be, from countries featuring on the list provided for in the SRIT.

5.2. Within the meaning of Article 5.1 above, the term "originate" shall designate the place where the goods and services grow, are extracted, cultivated, produced or manufactured, transformed, assembled or imported.

Article 6: Documents establishing bidder qualification

6.1. As an integral part of their offer, bidders must:

- a. submits a power of attorney making the signatory of the bid to commit the bidder;
- b. provides documents enabling to establish the qualification of the bidder according to the list provided for in Article 13 of the GRIT and including, especially, all the information (complete or update information included in their request for pre-qualification which may have changed in the case where the candidates took part in pre-qualification) requested from bidders in the SRIT.

Information relating to the following points shall be requested if need be:

- i. the production of an extract of balance sheets showing the turnover and the results;
- ii. access to a credit line or availability of other financial resources;
- iii. The executed contracts;
- iv. List of key personnel;
- v. Availability of indispensable equipment;
- vi. The grading certificate for service providers of the building and public works sector, where applicable.

6.2. Bids presented by two or more associated enterprises (joint contracting) shall meet the following conditions:

- a. The offer must include for each of the enterprises, all the information listed in article 6.1. above. The Special Regulations shall specify the information to be provided by the group and the information to be provided by each member of the group;
- 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 as required in the Special Regulations) must be specified and justified, with the production of a copy of the group agreement in due form;
- d. The member of the group designated as representative shall represent all the group of enterprises vis-à-vis the Delegated Project Owner in the execution of the contract;

e. In case of a several group, the co-contractors shall share the sums which are paid by the Delegated Project Owner into a single account. In case of a joint group, the tasks for each member must be specified and each enterprise shall be paid by the Delegated Project Owner into his own account.

6.3. Bidders should equally present sufficiently detailed proposals to demonstrate that they conform to the technical specifications and execution time-limits referred to in the SRIT.

6.4. Bidders seeking to benefit from a preference margin must provide all the information required to prove that they meet the eligibility criteria described in Article 33 of the GRIT.

Article 7: Visit of works site

7.1. The bidder is advised to visit and inspect the worksite and its environs and obtain by himself and under his own responsibility, all the information which may be necessary for the preparation of the bid and the execution of the works. This visit, when required in the SRIT, must be sanctioned by a certificate of site visit signed following a sworn declaration by the tenderer, giving a description of the site as well as observations on the works execution conditions. The related cost of the site visit shall be borne by the bidder.

7.2. The Delegated Project Owner shall be required to 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 release the Project Owner or Delegated Project Owner, his employees and agents of any liability that may result from the visit.

The Bidder shall remain liable for death or personal injury, loss or damage to property, costs and expenses incurred as a result of this visit.

7.3. The Delegated Project Owner may organise a visit to the works site during the preparatory meeting to draft the bids mentioned in Article 19 of the General Regulations Governing the Invitation to Tender (GRIT).

B. TENDER FILE

Article 8: Content of Tender File

8.1. The Tender File shall describe the works subject of the contract, sets procedures for the consultation of enterprises and specifies the terms of the contract. Besides the addendum (addenda) published in accordance with Article 10 of the General Regulations Governing the Invitation to Tender, it shall also include the following documents:

Document No.0 Letter of invitation to tender (in case of restricted invitations to tender)

Document No.1 Tender Notice (AAO)

Document No.2 General Regulations Governing the Invitation to Tender (GRIT)

Document No.3 Special Regulations Governing the Invitation to Tender (SRIT)

Document No.4 Special Administrative Clauses (SAC)

Document No.5 Special Technical Clauses (STC)

Document No.6 Unit Price Schedule

Document No.7 Detailed Quantity and Cost Estimate Schedule

Document No.8 Schedule of Sub-Details of Prices

Document No.9 Contract Model

Document No.10 Model of Forms to be Used by Bidders

Appendix No. 1: Model of Declaration of Intention to Tender

Appendix No.2: Model of Bidding Letter;

- Appendix No.3: Model of Bid Bond;*
- Appendix No.4: Model of Final Bond;*
- Appendix No.5: Model of Start-Up Advance Bond;*
- Appendix No.6: Model of Performance Bond (Retention Bond);*
- Appendix No. 7: Model of Technical Proposal Bidding Letter*
- Appendix No. 8: Model of planning framework*
- Appendix No.9: Model of list of staff to be mobilised*
- Appendix No.10: Model of Form of Services that may be Subcontracted;*
- Appendix No.11: Model of CV of staff to be mobilised*

Document No.11 Integrity Charter Form

Document No.12 Declaration Statement to Comply with Social and Environmental Clauses

Document No.13 Visa of maturity or any proof of Preliminary Studies to be filled in by the Project Owner or Delegated Project Owner, the availability of funding or budgetary head

Document No.14 List of banking institutions and financial bodies authorised to issue bonds for Public Contracts.

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

Article 9: Clarifications on the Tender File and petitions

9.1. a) Any bidder who wants to obtain clarifications on the Tender File may make a request to the **Contracting Authority** in writing or by electronic mail (telecopy or e-mail) at the Project Owner or Delegated Project Owner's address indicated in the SRIT or via COLEPS. However, the **Contracting Authority shall reply in writing or by electronic mail or through COLEPS or any other mean of electronic communication** indicated in the TF to any request for clarification received at least 14 (fourteen) days prior to the deadline for the submission of bids.

9.1.b). A copy of the Contracting Authority's response indicating the question asked but not mentioning the author is addressed, within a maximum of 5 (five) days, to all bidders who bought the Tender File

9. 2. Any bidder who feels aggrieved may file a petition with the Delegated Project Owner.

In the event of restricted invitation to tender;

a) During the prequalification phase, the petition may bear on requests for review of bidding conditions and prequalification or for review of the decisions or deeds taken and published by the Delegated Project Owner during the prequalification procedure.

b) Candidates shall have five (5) working days prior to the date of submission of applications and five (5) working days after the publication of prequalification results to file their petitions to the Delegated Project Owner, with copy to the Authority in charge of public contracts and the public contracts regulatory body.

c) this petition shall not be suspensive.

9.3. Where the invitation to tender is the procedure selected, the petition must be submitted between the publication of the tender notice and the opening of bids:

a) to the Delegated Project Owner with a copy to the Authority in charge of Public Contracts and to the public contracts regulatory body;

b) it should reach the Delegated Project Owner no later than fourteen (14) working days before the bid opening date;

c) The Delegated Project Owner shall have five (5) days to respond. A copy of the response shall be forwarded to the Authority in charge of Public Contracts and to the body in charge of the regulation of public contracts.

d) in case of disagreement between the petitioner and the Project Owner or Delegated Project Owner, the petitioner shall refer the petition to the Petitions Review Committee;

e) the petition shall not be suspensive.

Article 10: Modification of the Tender File

10.1 The Delegated Project Owner may, at any moment prior to the deadline for the submission of offers and for any reason, be it at his initiative or in response to a request submitted by a bidder, modify the Tender File by publishing an addendum.

10.2. Any addendum thus published shall become an integral part of the Tender File, in accordance with Article 8.1 of the General Regulations Governing the Invitation to Tender and must be communicated in writing or made known to all the bidders who bought the Tender File or through COLEPS or any other mean of electronic communication indicated by the Project Owner in the TF.

10.3. In order to give bidders enough time to take account of the addendum in the preparation of their offers, the Delegated Project Owner may postpone as it is necessary, the deadline for the submission of offers, in accordance with the provisions of Article 22.2 of the GRIT.

C. PREPARATION OF OFFERS

Article 11: Tender fees

The candidate shall bear all costs related to the preparation and presentation of his bid. The Delegated Project Owner shall in no way, 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 bid as well as any correspondence and document exchanged between the bidder and the Delegated Project Owner shall be drafted in English or French. Additional 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, done by a professional translator, concerning the bid is included; in which case for reasons of interpretation, the translation shall be authentic.

Article 13: Constituent documents of the bid

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

a. Volume 1: Administrative file

It includes:

a. 1. All documents attesting that the bidder:

- has subscribed to all declarations provided for by the laws and regulations in force;
- paid all taxes, duties, contributions, fees, royalties or deductions of whatever nature;
- is not winding up or bankrupt;
- is not the subject of an exclusion order or disqualification (forfeiture) provided for by the law in force at the national and international level;

a.2 The bid bond established in accordance with the provisions of Article 17 of the General Regulations

Governing the Invitation to Tender (GRIT);

- a.3 the written document empowering the signatory of the bid to commit the bidding legal entity, in accordance with the provisions of Article 6(1) of the GRIT.

b. Volume 2: Technical bid

It includes:

b.1. Information on qualification

The Special Regulations specify the documents to be provided by bidders to justify the qualification criteria mentioned in Article 6(1) of the Special Regulations Governing the Invitation to Tender, especially the references of the company, the equipment and list of personnel.

b.2 Methodology

The Special Conditions of the invitation to tender specify the constituent elements of tenderers' technical proposal especially: a methodological statement on an analysis of the works and specifying the organisation and programme which the bidder intends to put in place or use to execute the works (installations, schedule, Quality Assurance Plan (QAP), subcontracting, HIMO approach, as the case may be, etc.).

b.3 Proof of acceptance of the conditions of the contract

The bidder shall submit duly initialled, filled and signed copies of the administrative and technical documents governing the contract, namely:

- i. The Special Administrative Conditions (SAC);
- ii. The Special Technical Conditions (STC).

b.4 Comments SAC and STC (optional)

Bidders shall make comments on the technical choices of the project and possible proposals.

b.5. the integrity charter

b.6. the commitment declaration to comply with social and environmental clauses

c. Volume 3: Financial bid

It comprises elements that help to justify the cost of the works, namely:

- c.1 The submission itself, in original, prepared in accordance with the attached model or standard form, stamped at the current rate, signed and dated;
- c.2 The unit price schedule duly filled;
- c.3 detailed cost estimate and quantities duly filled;
- c.4 The price sub-detail and/or the breakdown of the all-in prices;
- c.5 The provisional payment schedule, if applicable.

Bidders shall use the standard forms or documents provided for in the Tender File, subject to the provisions of Article 17.2 of the GRIT regarding other possible bid bond forms.

13.2. The SRIT indicate how long proposals must remain valid from the date of submission. During this period, bidders must keep the proposed specialised staff available for the assignment. The Delegated Project Owner shall make everything possible to complete the negotiations within this time limit. If the latter wishes to extend the period of validity of the proposals, candidates who do not consent to such an extension are free to refuse such extension.

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 Governing the Invitation to Tender, based on the price schedule and the detailed quantity and cost estimates as well as the unit price sub detail and breakdown of all-in prices presented by the bidder, as appropriate.

14.2. The bidder shall fill the unit prices and totals of all items on the price schedule and detailed 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 for the future Contract or on any other ground, thirty (30) days prior to the time limit for the submission of bids, shall be included in the prices and in the total amount of the bid presented by the bidder.

14.4. If a price revision/updating clause is provided for in the contract, the date of the establishment of the initial price, as well as the price revision/updating conditions for the said price must be specified. Any contract whose execution duration is at most one (1) year shall not be subject to price revision.

14.5. All unit prices with quantities must be justified by sub-details established in accordance with the structure proposed in document No.8 of the Tender File.

14.6. Tenderers shall indicate the rebates granted in their tenders. Furthermore, they shall specify the conditions for the application of this rebate.

Article 15: Offer and settlement currencies

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

15.2. Option A: The amount of the bid is entirely expressed in national currency.

The amount of the bid, the unit prices of the price schedule and the prices of the detailed quantities and estimates are entirely presented in CFA francs in the following manner:

a. Prices shall be entirely presented in national currency. The bidder who intends to commit expenditures in other currencies for the execution of the works shall indicate in the appendix to the bid the percentage(s) of the amount of the bid necessary to cover the needs in foreign currencies, without exceeding the maximum of three currencies of member countries of the funding institution of the contract.

b. The exchange rates used by the bidder to convert his bid into the national currency shall be specified by the bidder in an appendix to the bid in compliance with the specifications of the Special Regulations. These rates shall be applied for any payment under the contract so that the retained bidder does not bear any exchange risk.

15.3. Option B: The amount of the bid is directly presented in national and foreign currency

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

a. The prices of inputs necessary for the works which the bidder intends to buy in the Project Owner or Delegated Project Owner's country shall be in CFA francs as specified in the Special Regulations and called "national currency"

b. The prices of inputs necessary for works which the bidder intends to buy out of the Project Owner or Delegated Project Owner's country shall be in the currency of the country of the bidder or of the currency of an eligible member country widely used in international trade.

15.4. The Delegated Project Owner 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 the appendix to

the bids are reasonable; to this end, a detailed statement of their needs in foreign currencies shall be provided by the bidder.

15.5. During the execution of works, most of the foreign currencies to be paid as part of contract amount may be revised by mutual agreement between the Delegated Project Owner and the contractor so as to take into account any modification that occurred in foreign currency needs under the contract.

Article 16: Validity of offers

16.1. Bids must remain valid during the period stated in the Special Regulations from the date of submission of bids set by the Project Owner or Delegated Project Owner, in application of Article 22 of the Special Regulations. A bid valid for a shorter period shall be considered by the Tenders Board as not compliant, unless the validity period of the bid bond is compliant. In this case, the tenderer shall be given forty-eight (48) hours to submit a new tender letter.

16.2. Under exceptional circumstances, the Delegated Project Owner may seek the bidder's consent to extend the validity time limit. The request and the responses that will be given shall be in writing (or by telecopy). 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 required to modify his bid nor 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 by more than sixty (60) days, the amounts payable to the bidder retained shall be updated by application of the related formula featuring in the request for extension that the Delegated Project Owner shall address to bidder(s).

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

Article 17: Bid bond

17.1. In application of Article 13 of the General Regulations, the bidder shall provide a bid bond of the amount specified in the Special Regulations and which shall become 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 by the Project Owner or Delegated Project Owner. The bid bond will remain valid for thirty (30) days beyond the original date set for the validity of bids or any other validity time limit requested by the Delegated Project Owner and accepted by the bidder, in accordance with Article 16 (2) of the GRIT.

For services under Jobbing Orders, certified cheques and bank cheques shall be accepted as bid bond.

17.3. Any offer without an acceptable bid bond shall be rejected by the Tenders Board as incomplete. The bid bond of associated enterprises must be established in the name of the representative submitting the offer.

17.4. The offers of bidders who are not retained (with the exception of the copy meant for the public contracts regulatory body) shall be returned within fifteen (15) days after publication of the award result. Tenders not withdrawn within this period may be destroyed, without any claim being made.

17.5. The bid bond of the tenderers who are not retained shall be returned upon publication of the award results.

17.6. The bid bond of the successful bidder shall be released as soon as the latter would have signed the contract and provided the required final bond.

17.7. The bid bond may be seized:

- a. if the bidder withdraws his bid during the period of validity;
- b. if the bidder retained:

- i. defaults in his obligation to subscribe the contract in application of Article 38 of the General Regulations;
- ii. defaults in his obligation to provide the final bond in application of Article 39 of the General Regulations;
- iii. refuses to receive notification of the contract.

Article 18: Variant bidders' proposals

18.1. Where the works can be executed within variable provisional execution 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 deadlines provided for. Offers that propose deadlines beyond those specified shall not 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 give figures on the basic solution of the Delegated Project Owner as described in the Tender File and provide in addition all the information which the Delegated Project Owner 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. Where necessary, the Delegated Project Owner will examine only the technical variants of the bidder whose bid compliant with the basic solution has been evaluated as the lowest bid.

18.3. When according to the Special Regulations the bidders are authorised to directly submit the technical variants for certain parts of the works, these parts of the works must be described in the technical specifications. The Tender File should clearly specify how the variants shall be taken into account for the evaluation of bids.

Article 19: Preparatory meeting to the establishment of bids

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

19.2. The subject of the preparatory meeting shall be to provide clarifications and answers to any questions that may be raised at this stage.

19.3. As much as possible, the bidder is requested to submit any question in writing to reach the Delegated Project Owner at least one week before that preparatory meeting. The Delegated Project Owner may not respond to questions received too late. In this case, the questions and answers shall be transmitted according to the modalities set in Article 19(4) below.

19.4. The minutes of the meeting, including the attendance sheet, the text of the questions asked, and the answers given, including answers prepared after the meeting, shall be forwarded immediately to all those who bought the Tender File. Any modification of documents of the Tender File listed in Article 8 of the GRIT which may prove to be necessary at the end of the preparatory meeting shall be done by the Delegated Project Owner by publishing an addendum in accordance with the provisions of Article 10 of the General Regulations, as the minutes of the preparatory meeting cannot serve this purpose.

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

Article 20: Form, format and signature of the offer

For offline submission,

20.1. The bidder shall prepare an original of the constituent documents described in Article 13 of the General Regulations in a volume clearly indicated 'ORIGINAL'. In addition, the bidder shall submit, for each volume, the number required for each in the General Regulations, bearing the indication "COPY". In case of discrepancy between the original and the copy, the original shall be authentic.

20.2. The original and copies of the bid must be typed or written in indelible ink (photocopies including in

scanned format shall be accepted in the case of copies) and shall be signed by the person(s) duly authorised to sign on behalf of the bidder, in accordance with Article 6(1a) or 6(2c) of the General Regulations, as the case may be. All the pages of the bid containing alterations or changes must be initialled by the signatory (ies) of the bid.

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

For electronic submission.

20.4 The offer should be submitted by the bidder on the COLEPS platform or on any other electronic means of communication specified by the Project Owner in the Tender File. A back-up copy of the tender recorded on a USB key or CD/DVD must be deposited in the offices of the relevant PO/DPO or CA in a sealed envelope clearly and legibly marked "back-up copy" and with the tender references within the specified time limit.

20.5. The offers, together with the required documents, are put together in electronic files and grouped according to their administrative, technical and financial nature. However, administrative documents are entered into COLEPS by the issuing structures.

20.6 The file formats chosen for the submission of offers via COLEPS must be common formats that are widely used in the professional sector comprising the operators likely to be interested in the consultation, for better exploitation.

20.7. Documents transmitted in the COLEPS platform are electronically signed by using a certificate.

D. SUBMISSION OF OFFERS

Article 21: Sealing and marking of offers

21.1. Offers shall be presented taking into account the principle of separation of administrative documents (Volume 1), Technical offer (Volume 2) and financial Offer (Volume 3), all these placed in an external envelope that shall give no indication on the bidder's identity. Bidders shall place the original and all copies of the administrative documents listed in the SRIT in an envelope clearly marked "ADMINISTRATIVE FILE", the original and all copies of the technical proposal in an envelope clearly marked "TECHNICAL PROPOSAL", and the original and all copies of the Financial Proposal in a sealed envelope clearly marked "FINANCIAL PROPOSAL".

The various documents of each volume shall be numbered in the order of the SRIT and separated by a divider of a colour other than the white colour.

21.2. The external and internal envelopes:

- a. should be addressed to the Delegated Project Owner at the address indicated in the Special Regulations Governing the Invitation to Tender;
- b) should bear the name of the project and the number of the Tender Notice as indicated in the Special Regulations and bear the indication 'TO BE OPENED ONLY DURING THE BID-OPENING SESSION'.

21.3. The internal envelopes should equally carry the name and address of the bidder in a way as to enable the Delegated Project Owner return the sealed offer if it is declared late offer in accordance with Articles 23 and 24 of the General Regulations.

21.4. If the external envelope is not sealed and marked as indicated in Articles 21.1. and 21.2. referred to above, the Delegated Project Owner shall in no way be responsible if the bid is misplaced or opened prematurely.

21.5 For online submission, the tender to be provided by the tenderer consists of three electronic files corresponding to the three administrative, technical and financial volumes.

Each file must explicitly carry a name that refers to the nature of its content (Administrative Offer, Technical Offer,

Financial Offer).

At the same time as they are doing the electronic submission, tenderers must send to the Contracting Authority or to the PO/DPO within the same time limit, a soft back-up copy of their tender on an electronic physical support (CD, DVD, USB key, etc...) This copy shall be sent by post office or deposited with the Contracting Authority or the PO/DPO. This sealed envelope must be clearly and legibly marked "backup copy", as well as the consultation references.

21.6 The constituent elements of the bidder's online or offline offer must be the same for a given consultation.

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

22.1- Date and time limit for the submission of offers

- a. The offers must be received by the Delegated Project Owner through their internal public contracts administrative management entity at the address specified in Article 21(2) of the Special Regulations no later than the date and time stated in the SRIT.
- b. The date and time of receipt of online submissions are automatically recorded by the dematerialisation platform through a time-stamping mechanism. The date and time of COLEPS or any other electronic means of communication specified by the Project Owner shall be authentic.
- c. For time stamping, the reference time zone is local time (GMT/UTC + 1). This time is visible on the submission page.
- d. The Delegated Project Owner may, at his discretion, postpone the deadline set for the submission of bids by publishing an addendum in accordance with the provisions of Article 10 of the General Regulations. In this case, all the rights and obligations of the Delegated Project Owner and bidders previously governed by the initial date will henceforth be governed by the new deadline.
- e. Offers submitted electronically shall be acknowledged by a receipt stating the date and time of receipt and the reference of the consultation.

22.2: Submission method

There are three possible ways to submit a bid:

- Online: only online submissions will be accepted for this consultation by the Contracting Authority and will be deemed authentic.
- Offline: only offline submissions are accepted for this consultation by the Contracting Authority and shall be deemed authentic.
- On/offline. Both submission methods are possible. However, it is not possible to bid online and offline for the same consultation.

The method of submission chosen is specified in the SRIT.

NB: At the time of online submission, bidders' offers are automatically encrypted, that is, their content has become illegible.

Article 23: Late offers

Whatever the method of submission, any bid received by the Delegated Project Owner beyond the deadline for the submission of bids shall be inadmissible.

Article 24: Modification, substitution and withdrawal of bids

For offline submissions,

24.1 A bidder may modify, replace or withdraw his offer after submitting it, on condition that the written notification of the modification or withdrawal is received by the Delegated Project Owner 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 bid must be attached to the written notification. As the case may be, the envelopes must clearly bear the inscription 'WITHDRAWAL', and 'REPLACEMENT BID' or 'MODIFICATION'.

24.2 Notification of modification, replacement or withdrawal of the offer by the bidder should be prepared, sealed, marked and forwarded in accordance with the provisions of Article 21 of the General Regulations. Withdrawal may equally be notified by telex but should in this case be confirmed by a duly signed written notification whose date, post mark being authentic, shall not be posterior to the time-limit set for the submission of offers.

24.3 In application of Article 24(1), bids being requested to be withdrawn by bidders shall be returned to them unopened.

24.4 No offer may be withdrawn in the interval between the submission of bids and the expiry of the validity of bids specified by the model offer. The withdrawal of a bid by a bidder during this interval may lead to the confiscation of the bid bond in accordance with the provisions of Article 17(7) of the General Regulations.

For online submissions,

24.5 Several tenders may be submitted by the same tenderer before the date and time limit for the receipt of tenders. In this case, only the bid that arrived the latest and its corresponding back-up copy, if any, will be taken into account in the evaluation, and any other back-up copies must be returned unopened.

24.6 The modification, replacement or withdrawal of the backup copy is done in accordance with the provisions of Article 24 paragraphs 1 to 4.

E. OPENING OF ENVELOPES AND EVALUATION OF OFFERS

Article 25: Opening of envelopes and petitions

25.1 Prior to the opening of bids, electronically submitted bids are decrypted by the Contracting Authority. Decryption is the process of making tenders readable and accessible only to the Tenders Board.

25.2. All offers shall be opened in single phase, including for major or complex works that have been subject to a prequalification procedure.

The competent Tenders Board shall open the envelopes in single phase and in the presence of the representatives of bidders concerned who wish to attend at the date, time and address specified in the Special Regulations. Representatives of bidders present shall sign a register or a sheet attesting to their presence.

Firstly, envelopes marked "withdrawal" shall be opened and the contents announced to the hearing of everyone, while the envelope containing the corresponding offer or the back-up copy shall be returned to the bidder unopened. Withdrawal of an offer or back-up copy shall be allowed only if the corresponding notification contains a valid empowerment of the signatory to request this withdrawal and if this notification is read to the hearing of everyone. Then the envelopes marked "Replacement bid or back-up copy" are opened and announced to the hearing of everyone and the new corresponding bid substituted for the preceding one which will be sent to the bidder concerned unopened. The replacement of bid or back-up copy shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the replacement and read to the hearing of everyone. Lastly, the envelopes marked "modification" shall be opened and their contents read to the hearing of everyone with the corresponding bid. The modification of the bid or back-up copy 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 or back-up copies 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 and any variant, where necessary, the existence of a guarantee of the bid if it is required and any other details which the relevant Tenders Board may deem useful to be mentioned. Only rebates and variants of bids announced to the hearing of everyone during the opening of bids shall be submitted for evaluation.

25.4. Since a bid or a back-up copy that has not been opened and read to the hearing of everyone during the bid opening session cannot be submitted for evaluation, the Board shall systematically ensure that all bids received have really been examined.

25.5. Bid-opening minutes are recorded on the spot mentioning the admissibility of bids, their administrative regularity, prices, rebates and time limits as well as the composition of the Evaluation sub-committee. However, the information on the composition of the committee remains internal to the Board. An extract of the said minutes to which is attached the attendance sheet signed by all the participants is handed over to each bidder on his request. Finally, only the financial bids of those bidders who have achieved the minimum technical score required are opened in the presence of the bidders concerned

25.6. At the end of each bid-opening session, the chairperson of the Tenders Board immediately hands over to the focal point designated by the body in charge of the regulation of public contracts a copy of the bids presented by each bidder and that the chairperson he initialled.

25.7. In case of petition, the bidder shall send it to the Petitions Review Committee, with copy to the Project Owner or Delegated Project Owner, as the case may be, to the chairperson of the Tenders Board concerned, to the body in charge of the regulation of public contracts and to the Authority in charge of Public Contracts.

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.

This petition, which shall relate only to the implementation of this stage, especially compliance with procedures and the regularity of the documents checked, shall not be suspensive.

If need be, the Independent Observer must attach to his report the sheet that was handed to him, including any related commentaries or observations.

25.8. The opening of the electronically transmitted bids and those submitted in hard copy version shall take place during the same session. The opening and examination of electronically transmitted tenders shall be subject to the rules applicable to the processing of the hard copy version of offer s.

Article 26: Confidential nature of the procedure

26.1. No information relating to the examination, evaluation and comparison of offers and verification of the qualification of the bidders and the contract award proposal shall be given to bidders or to any other person not concerned with the said procedure as long as the contract award has not been made public, under pain of disqualification of the tenderer's bid and suspension of the perpetrators from all activities in the domain of public contracts.

26.2. Any attempt by a bidder to influence the Bids Evaluation sub-committee in the evaluation of bids, the Tenders Board in the award proposal, the Delegated Project Owner in the award decision may cause the rejection of his offer.

26.3. Notwithstanding the provisions of Article 26.2 above, between the opening of bids and the award of the contract, if a bidder wishes to enter into contact with the Delegated Project Owner for reasons having to do with his offer, he should do so in writing.

Article 27: Clarifications on the offers and contact with the Project Owner or Delegated Project Owner

27.1. To ease the examination, evaluation and comparison of bids, the Chairperson of the Tenders Board may, on the proposal of the evaluation sub-committee, if it so desires, request any bidder, the competent services or bodies to give clarifications on the offers.

27.2 The request for clarification and the response shall be in writing or via COLEPS or such other electronic means of communication indicated by the Project Owner in the Tender File, with copy to the regulatory body, but no change on the amount or content of the bid to make it more competitive is sought, offered or

authorised. The purpose of the request for clarification must be, in particular, to find information contained in the tender, to verify the accuracy of the information provided by a candidate, if necessary, with the issuing authorities, to ask a tenderer to confirm the correction of a calculation error or omission discovered, to provide clarification on technical aspects not understood by the evaluation sub-committee or on the content of the price sub-detail, or to justify the prices of offers deemed abnormally low.

27.3. Requests for clarification shall be answered no later than seven (7) working days.

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

Article 28: Determining the conformity of offers and technical evaluation

28.1. The Evaluation sub-committee set up by the Tenders Board shall, beforehand, verify the eligibility of the bidders and carry out a detailed examination of bids to determine if they are complete, if the required guarantees are provided, if the documents were correctly signed and if generally the bids are in proper order.

28.2. Then the Evaluation subcommittee shall determine if the bid is essentially in compliance with the provisions of the Tender File based on the content without recourse to extrinsic elements of proof. As such, the Evaluation Sub-Committee shall:

- review the offer to confirm that all the terms and conditions specified in the SRIT and SAC have been accepted by the Bidder without substantial discrepancy or reservation;
- evaluate the technical aspects of the tender submitted in accordance with clause 13.1.b of the GRIT to ensure that all the stipulations of the Price Schedule, the Methodology Note relating to the analysis of the works and specifying the organisation and programme that the tenderer intends to put in place or implement to carry them out (installations, planning, QAP, subcontracting, certificate of site visit if applicable, etc.) are complied with without any substantial discrepancies or reservations.

28.3. An offer that complies essentially with the Tender File shall 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 affects the scope, quality or execution of the works;
- ii. which substantially limits, and is not in conformity with the Tender File, the rights of the Delegated Project Owner or his obligations in relation to the contract;
- iii. whose acceptance or correction would unfairly be prejudicial to the competitiveness of the other bidders who presented bids that essentially conformed with the Tender File.

28.4. If an offer is essentially not in conformity with the Tender File, it shall be rejected by the competent Tenders/Control Board and shall not eventually be rendered in conformity.

28.5. The Delegated Project Owner 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: Evaluation criteria and qualification of the bidder

The Evaluation subcommittee shall ensure that the bidder retained for having submitted a bid substantially in compliance with the provisions of the Tender File, meets the qualification criteria stipulated in the Special Regulations. It is essential to avoid any arbitrariness in determining these criteria.

Article 30: Correction of errors

30.1. The Evaluation subcommittee shall verify bids considered essentially in conformity with the Tender File to correct the possible calculation errors. The Evaluation subcommittee shall correct the errors in the following manner:

a. if there is a contradiction between the unit price and the total obtained by multiplying the unit price by the quantities, the unit price shall be authentic and the total price shall be corrected, unless, according to the Evaluation subcommittee, the decimal point of the unit price is manifestly badly placed, in which case the total price indicated shall prevail 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 authentic and the total corrected.

c. if there is a discrepancy between the prices indicated in figures and in words, the amount in words shall be authentic

30.2. The amount featuring in the offer shall be corrected by the Evaluation subcommittee, in accordance with the error correction procedure referred to above and, with the confirmation of the bidder, the said amount shall be deemed to commit him.

30.3. If the bidder who presented the bid evaluated as being the lowest bid does not accept the corrections, his bid shall be rejected and his bid bond seized.

Article 31: Conversion into a single currency

31.1. To facilitate the evaluation and comparison of bids, the Evaluation subcommittee shall convert the prices of offers expressed in various currencies into an amount in which the bid is payable in CFA francs.

31.2. The conversion shall be done using the current exchange rate by the Bank of Central African States (BEAC) under the conditions set in the Special Regulations.

Article 32: Evaluation and comparison of financial bids

32.1. Only offers considered as being in compliance, as per the provisions of Articles 28, 29 of the General Regulations, shall be evaluated and compared by the Evaluation subcommittee.

32.2. When evaluating the bids, the Evaluation Subcommittee will 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 provisional sums and, where necessary, provisions for unforeseen contingent accounts featuring in the summary of the detailed quantities and estimates but by adding the amount of works done under State supervision where they are costed in a competitive manner as specified in the Special Regulations.

c. By converting into a single currency the amount resulting from the rectifications (a) and (b) above, in accordance with the provisions of article 31.2 of the General Regulations;

d. By conveniently 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 granted by the bidder for the award of more than one lot, if this invitation to tender is launched simultaneously for several lots.

g. If need be, in accordance with the provisions of Article 18.3 of the Special Regulations and the Technical Specifications, the proposed technical variants, if they are authorised, shall be evaluated on their own merit and irrespective of the fact that the bidder offered or not a price for the technical solution specified by the Delegated Project Owner 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.

32.4. If the bid evaluated as the lowest bid is considered abnormally low or significantly unbalanced in relation to the estimates of the Delegated Project Owner for the works to be executed in this Contract, the Subcommittee may, from the sub-detail of prices provided by the bidder for any element or all the elements of the detailed quantities and estimates, verify if these prices are compatible with the construction methods and proposed calendar.

32.5 On the proposal of the Evaluation subcommittee, the Chairperson of the Tenders Board may ask the tenderers or the competent administrations and bodies for clarifications on the offers.

32.6 In case an offer is deemed abnormally low, the Tenders Board shall propose to the Delegated Project Owner to request justifications from the bidder concerned. If they are deemed unacceptable, they shall be forwarded by the PO/DPO to the public contracts regulatory body, for opinion, at the same time as the request for clarification.

The Delegated Project Owner shall take into account the opinion of the contracts regulatory body to take a decision.

Article 33: Preference granted national bidders

33.1 In case of equivalent bids, during contract award under an international competitive bidding, a preference margin shall be granted, in the order of priority, to offers submitted by:

- a) A natural person of Cameroonian nationality or a legal entity under Cameroonian law
- b) A company all or majority of whose capital is held by persons of Cameroonian nationality;
- c) A natural person or legal entity carrying out economic activities in Cameroon;
- d) Consortiums comprising Cameroonian enterprises;

33.2 Offers are considered equivalent when they have met the required technical conditions.

33.3 For works contracts, the national preference margin is ten percent (10%).

33.4 National preference shall only apply where the tender file so provides.

F. AWARD

Article 34: Award

34.1. The Delegated Project Owner shall award the contract to the bidder whose offer was judged essentially in conformity with the Tender File, (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 the tender covers several lots, the award shall be made in accordance with the provisions of the SRIT.

34.3-In any case, any award of a contract is materialised by a decision of the Delegated Project Owner and notified to the successful tenderer within a maximum period of seventy-two (72) hours from its signature.

Any public contract award decision by the Delegated Project Owner shall be published, with an indication of price and deadline, in the public contracts journal published by the public contracts regulatory body or in any other authorised publication, in particular in COLEPS or on any other electronic communication medium indicated by the Project Owner.

Article 35: Right of the Delegated Project Owner to declare an invitation to tender unsuccessful or cancel a procedure

35.1 The Delegated Project Owner reserves the right to cancel an invitation to tender or to declare a call for tenders unsuccessful after the advice of the competent Board, without any claims being entertained.

However, where tenders have already been opened, cancellation shall be subject to the authorisation of the

Authority in charge of Public Contracts.

35.2 The Delegated Project Owner shall notify the decision to cancel or declare the tender unsuccessful to the Chairperson of the Tenders Board, with copy to the public contracts regulatory body.

35.3 In case of allotment, the provisions of the above paragraphs shall be applicable to each of the lots.

Article 36: Notification of the award of the contract

36.1 The award of any contract shall be materialised by a decision of the Delegated Project Owner and notified to the successful tenderer within a maximum period of seventy-two (72) hours from its signature.

36.2. Before the expiry of the validity of the offers set in the Special Regulations, the Delegated Project Owner shall notify the successful bidder by telecopy confirmed by registered mail or by any other means that his bid was retained. This letter shall indicate the amount the Project Owner will pay the administration's contracting partner to execute the works and the execution time limit.

Article 37: Publication of contract award results and petitions

37.1. The Delegated Project Owner shall have five (5) working days to sign the award decision and publish the results from the date of receipt of the final award proposal from the relevant Board, unless the procedure is suspended.

37.2. Any decision to award a public contract by the Delegated Project Owner shall be published in the public contracts journal published by the body in charge of regulating public contracts, or in any other authorised newspaper, with indication of the amount of the successful tender's offer and the deadline.

Upon publication of the results of award, the Delegated Project Owner will send to each bidder who so requests, an excerpt of the bid evaluation report concerning him.

37.4. After publication of the award results, offers that are not withdrawn within fifteen (15) days shall be destroyed, without any claim for compensation being entertained. Only the copy intended for the body in charge of the regulation of public contracts shall be kept if it was not collected on the spot.

37. 5. In case of petition, it should be addressed to the Petitions Review Committee, with copies to the Project Owner or Delegated Project Owner, the Chairperson of the Tenders Board concerned, to the body in charge of regulating public contracts and to the Authority in charge of public contracts.

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

37.6 Such a petition may cause the suspension of the procedure following the appraisal of the public contracts regulatory body.

Article 38: Signing of the contract

38.1. After publication of the results, the Delegated Project Owner shall have five (5) working days to sign the contract from date of subscription of the draft contract by the successful bidder.

38.2. The successful tenderer shall have a period of fifteen (15) working days from receipt to subscribe the contract or the jobbing order. Beyond this period, the Delegated Project Owner reserves the right to cancel the award decision after the successful bidder has been given a formal notice but without any response. In this case, the bid bond is forfeited and the contract is awarded to the second-ranked candidate.

38.3. The Delegated Project Owner has a period of five (5) working days for the signature of the contract, from the date of receipt of the draft contract subscribed by the successful bidder; or for mutual agreement contracts, from the date of receipt of the opinion of the competent Central Contracts Control Board, after their subscription by the successful bidder.

38.4. The Delegated Project Owner shall notify the contract to the holder within five (5) working days from the date of its signature

Article 39: Final Bond

39.1. Within the twenty (20) calendar days following the notification of the contract by the Project Owner or

Delegated Project Owner, the contractor shall provide the Delegated Project Owner with a final bond, to guarantee the complete execution of the works, in the form stipulated in the SRIT, in accordance with the model provided in the Tender File.

39.2. The final bond whose rate, set in the SRIT, varies between 2 and 5 percent of the amount of the contract inclusive of all taxes, increased as the case may be, of the amount of amendments, may be replaced by a guarantee from a banking establishment approved according to the instruments in force, and issued with the Delegated Project Owner as beneficiary or by a personal and joint security.

39.3. Small and Medium-sized Enterprises (SMEs) constituted of national capital and managed by nationals as well as civil society organisations may provide a certified cheque, a bank cheque, a legal mortgage or a guarantee from a banking institution in lieu of a bond issued by a banking establishment or a 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. In this case, the bid bond is seized by the Project Owner.

39.5. Holders of a jobbing order may be exempted from the obligation to provide the final bond.

DOCUMENT No.3
SPECIAL REGULATIONS
GOVERNING THE INVITATION TO
TENDER (SRIT)

Special Regulations Governing the Invitation to Tender

Reference s of the GRIT	Description of the provision of the SRIT
A. GENERALITIES	
1.1	<p>- Name and address of the Delegated Project Owner: The City Mayor of Bamenda City Council.</p> <p>- Reference of Invitation to tender: Open National Invitation to tender No001/ONIT/BCC/ITB/2026 of 20th February 2026 for the tarring with double coat surface dressing of some roads in Bamenda I Sub Division.</p> <p>- Number of lots: One</p> <p>Definition of works:</p> <p>The works consist in:</p> <ul style="list-style-type: none"> - <i>preliminary works,</i> - <i>cleaning and earthworks,</i> - <i>road layers (subgrade, base course),</i> - <i>drainage structures,</i> - <i>hydraulic structures,</i> - <i>signalization and equipment,</i> - <i>other activities,</i> - <i>displacement of networks</i> - <i>and all other subjections necessary for the good execution of the works.</i> <p>NB: The information on the work to be carried out is detailed in the unit price schedule, the detailed quantity and cost estimate and the Special Technical Clauses.</p>
1.2.	<p>The provisional deadline for the execution of the works is: Three (3) calendar months.</p> <p>This period runs from the date of notification of the administrative order to commence the works.</p>
1.4	<p>Name, subject of the works: Tarring with double coat surface dressing of some roads in Bamenda I Sub Division</p> <p>The work involves several phases: No</p> <p>Preparatory conference for the establishment of proposals: No</p>
2	<p>Source(s) of funding:</p> <p>The works subject of this invitation to tender shall be financed by:</p> <p>Budget: <i>MINDDEVEL</i>; Financial year 2026; Line</p>
4.2	<p>The invitation to tender is open.</p> <p>The following candidates are eligible to participate in this call for tenders: All national enterprises specialized and categorized in road construction and public works.</p>
5.1	<p>Origin/ Source of building materials, materials, and supply of equipment and services.</p> <p>Materials, equipment for use in this project shall be obtained from the following locations: Locally and imported</p>

References of the GRIT	Description of the provision of the SRIT
6.2	In case of associated groups of enterprises, each member of the group must submit a complete administrative file, the documents " <i>Bank domiciliation certificate (except in the case of joint co-contracting), the purchase receipt for the TF and the bid bond</i> " provided for in point 13.1 of the SRIT being submitted only by the representative of the group.
6.4	Information necessary to prove that the eligibility criteria for national preference are met: <ul style="list-style-type: none"> • <i>grading (categorisation) certificate;</i> • <i>integrity charter;</i> • <i>dated and signed commitment statement to comply with environmental and social clauses.</i>
7.3.	<p>For the purpose of the works site visit to be organised no later than 5th March 2026 after publication of the tender notice, the Delegated Project Owner's service to be contacted is the Department of Technical Services:</p> <ul style="list-style-type: none"> - P.O Box 495 - Tel: 233 36 15 18 - Fax: (+237)233 36 15 18 - Email: info@bamendacity.com <p>Each tenderer is advised to visit and inspect the works site and its surroundings and to obtain by himself, and under his own responsibility, all information that may be necessary for the preparation of the offer and the execution of the studies and works. The costs associated with the site visit shall be borne by the Tenderer.</p>
9	<p>Additional information may be obtained during working hours from SIGAMP Service of the Bamenda City Council, post box 495, telephone: 233 36 12 67 / 67785 03 32, or online on COLEPS platform via http://www.marchespublics.cm and http://www.publiccontracts.cm.</p> <p>Clarifications may be requested no later than fourteen (14) days before the offers submission date.</p> <p>Requests for clarification must state the full name and address of the applicant and be sent to the following address:</p> <ul style="list-style-type: none"> ➤ SIGAMP Service of the Bamenda City Council. ➤ Fax (+237)233 36 15 18 ; P.O. Box 495 Mankon Bamenda; E-mail : info@bamendacity.com
C- PREPARATION OF BIDS	
12.	The language of offer is English or French
13.1	<p>The tenderer should produce a three-volume offer, presented as follows:</p> <p>A-Volume I: Administrative documents</p> <p>The documents shall include notably:</p> <ul style="list-style-type: none"> a) <i>The stamped declaration of intention to tender signed by the legal representative or duly</i>

References of the GRIT	Description of the provision of the SRIT
	<p><i>appointed agent bearing a fiscal stamp;</i></p> <p>b) <i>The bid bond (following the model attached) of an amount of four million eight hundred and eighty-nine thousand nine hundred and fifty (4,889,950) CFA francs and of a validity period of four (4) months, established by a first-rate bank or first category financial institution authorised by the Cameroon Minister in charge of Finance to issue bonds for public contracts or any other form provided for by the regulation in force (certified cheque, bank cheque, a legal mortgage), unless otherwise provided for in the financing agreement relating to the subject of the invitation to tender concerned. The validity period of the bid bond must exceed that of the bids by thirty (30) days and hand-endorsed accompanied by a CDEC receipt.</i></p> <p>c) <i>The notarised group agreement and specifying the representative;</i></p> <p>d) <i>Power of attorney where necessary;</i></p> <p>e) <i>An attestation of fiscal conformity issued by the tax authorities;</i></p> <p>f) <i>A certificate of non-bankruptcy issued by the Court of First Instance or chamber of commerce in the locality of the head office of the enterprise;</i></p> <p>g) <i>A certificate of the tenderer's bank domiciliation, issued by a banking establishment or institution authorised by the Cameroon Minister in charge of Finance;</i></p> <p>h) <i>The Tender File purchase fee receipt for the payment of a non-refundable sum of one hundred and thirty-six thousand one hundred (136,100) CFA Francs payable to the Bamenda City Council Treasury under the budgetary head 712 101.</i></p> <p>i) <i>A certificate of non-exclusion from public contracts issued by the body in charge of the regulation of public contracts;</i></p> <p>j) <i>A clearance certificate issued by the National Social Insurance Fund testifying that the tenderer has met his social obligations towards the said Fund, dated less than three months from the date of signature of the said certificate;</i></p> <p>k) <i>The grading certificate;</i></p> <p>NB: The required administrative documents must be submitted in scanned originals or true copies certified by the issuing department or the competent administrative authority, in accordance with the provisions of the Special Rules of the Invitation to Tender, failing which they will be rejected. They must be valid on the original deadline for the submission of tenders.</p> <p><i>B-Volume II: Technical offer</i></p> <p>It includes:</p> <p>b1 Information on qualification</p> <p>The list of documents to be provided by tenderers to justify their qualification, especially as regards references, equipment and personnel, includes:</p> <p>b.1.1 the letter of submission of the technical proposal bearing a fiscal stamp.</p> <p>b.1.2 <i>Tenderer's references</i></p>

References of the GRIT	Description of the provision of the SRIT
	<ul style="list-style-type: none"> • <i>The list of contracts carried out (Project Owner, Subject, Amount, Date of acceptance), by the tenderer as main contractor (or subcontractor) during the last five (5) years.</i> <p><i>These references must be accompanied by supporting documents, in this case:</i></p> <ul style="list-style-type: none"> • <i>Copies of the first, second and last pages of the contract;</i> • <i>Final or provisional acceptance minutes or performance certificate;</i> <p><i>These references must be accompanied by supporting documents, in this case:</i></p> <ol style="list-style-type: none"> a) <i>CV;</i> b) <i>Labour contracts;</i> c) <i>Various acts of promotion during the career;</i> <p>b.1.3 Personnel</p> <ul style="list-style-type: none"> • <i>A list of key personnel qualified to carry out the work according to the model attached to the TF.</i> <p><u>NB:</u> <i>Attach a copy of the diploma and proof of experience for the proposed staff, namely:</i></p> <ul style="list-style-type: none"> • <i>certified true copy of diploma of less than three (3) months old;</i> • <i>certificate of registration with the national orders, if applicable;</i> • <i>signed and dated curriculum vitae of the expert;</i> • <i>signed and dated certificate of availability from the expert;</i> • <i>Labour certificate or contract, or site logbook justifying the experience, if applicable.</i> <p><u>NB:</u> <i>All the above documents must be true copies, signed and dated within three months of the original deadline for the submission of offers.</i></p> <p>b.1.4 Materials to be used for the execution of the work</p> <p style="padding-left: 40px;">A list of materials to be mobilised which should include at least:</p> <ol style="list-style-type: none"> a. 1 bitumen tank b. 1 grader c. 1 front end loader d. 1 truck of capacity $\geq 10m^3$ e. 1 pick-up f. 1 compactors (cylinder) g. 1 water tanker h. 1 manual compactor i. 1 tar boiler j. 1 concrete mixer k. 1 Concrete vibrator l. 1 compressor m. Sufficient small tools: Shovels, wheelbarrows, Pickaxes, etc.... n. Minimum laboratory tools (balance, Proctor mould, densitometer with membrane, set of sieve, sand machine, steam cup) o. Minimum survey equipment (Total Station or theodolite, staff, canes reflectors, distance meter) <p><u>NB:</u> <i>Attach copies, certified by the issuing authorities or any other authorised authority, of the vehicle registration documents for rolling stock and the purchase invoices for other equipment, if applicable, accompanied by a signed commitment to hire the equipment. Enterprises with categorization certificate category "C" and above shall be exempted from providing prove of</i></p>

References of the GRIT	Description of the provision of the SRIT
	<p>required experience personnel, equipment and turn over. They shall be awarded the points allocated for that purpose.</p> <p>b.2 Organisation and Methodology</p> <p>The tenderer shall produce a descriptive or methodological note which presents in detail the elements of his technical proposal, including:</p> <p>The organisation and scheduling that he plans to put in place to carry out the work efficiently, to which is attached the site visit report or the signed sworn certificate, if applicable;</p> <ul style="list-style-type: none"> a) Consistence site installation b) Consistence Description of post of work c) Consistence Organizational chart of the enterprise d) Consistence Organizational chart for the execution of the works e) Consistence Planning of execution of works f) Consistence Attestation of site visit g) Consistence Site visit report h) Consistence Internal control i) Consistence Means of communication j) Consistence Use of human intensive labour k) Consistence Environmental protection report l) Consistence hygiene and sanitation of the personnel m) Consistence security of the personnel n) Consistence protection against HIV/SIDA o) Consistence maintaining of circulation during work and signalisation p) provisions for compliance with environmental measures, where applicable; q) the work that the tenderer intends to subcontract. <p>b.3. The tenderer must fill in and sign the following forms:</p> <ul style="list-style-type: none"> r) <i>the Integrity Charter</i> s) <i>Declaration of commitment to respect social and environmental clauses</i> <p>b.4. Proofs of acceptance of the conditions of the contract</p> <p>The tenderer shall submit dully initialled copies of the following documents:</p> <ul style="list-style-type: none"> t) The Special Administrative Conditions (SAC); u) The Special Technical Clauses (STC). <p><u>NB</u>: Failure to accept the terms of the contract shall cause the elimination of the tenderer.</p> <p>b.5. Comments on SAC and STC</p> <p>The tenderer must attach the observation note on the SACs and/or the STCs, together with any proposals.</p> <p>b 6- Financial capacity</p> <p>Tenderers must submit in particular:</p> <ul style="list-style-type: none"> ▪ A certificate of financial capacity worth one hundred and eighty-five million (185,000,000) CFA francs issued by a 1st rate approved bank; <p>C. Volume 3: Financial offer</p>

Reference s of the GRIT	Description of the provision of the SRIT
	<p>This envelope shall include the following documents:</p> <p>c.1 The offer proper, in original, prepared in accordance with the attached model, stamped at the current rate, signed and dated;</p> <p>c.2 The duly filled Unit Price Schedule and/or Fixed Price Schedule;</p> <p>c.3. The duly filled detailed quantity and cost estimates;</p> <p>c.4 The sub-detail of prices and/or the breakdown of all-in prices;</p> <p>To this effect, tenderers shall use the documents and models or standard forms provided for in the Tender File.</p> <p><i>NB: The various parts of the same file shall be separated by dividers of a colour other than white, both in the original and in the copies, to facilitate evaluation.</i></p> <p><i>Tenderer must attach the digital version of the financial offer:</i> <i>Not applicable</i></p>
14.3.	Taxes and dues: Prices proposed should be inclusive of all taxes.
14.4.	The contract prices shall not be revisable.
15.1.	In the context of this consultation, the currency of the offer is defined according to option A (local currency only).
15.2.	The exchange rate for converting the tenderer's offer into local currency as well as for converting future detailed accounts into foreign currency shall be that [to be specified: example, that of the BEAC three working days before the deadline for the submission of offers]: Not applicable
16.1.	<p style="text-align: center;">Validity of bids:</p> <p>The period of validity of offers is ninety (90) days from the deadline for the submission of offers.</p>
17.1.	The amount of the bid bond is: <i>four million eight hundred and eighty-nine thousand nine hundred and fifty (4,889,950) CFA francs</i>
18.1.	<p>Offers will be evaluated based on a minimum of seven (7) days and a maximum of fourteen (14) days. The evaluation method is fixed in Article 32.2(e) of the GRIT.</p> <p><i>Not applicable.</i></p>
18.3.	<p>Technical variants on the part(s) of the work specified below are permitted within the Technical Specifications:</p> <p><i>Not applicable.</i></p>
19.1.	The preparatory meeting ahead of the establishment of bids will be held at: The shall not be any preparatory meeting.

References of the GRIT	Description of the provision of the SRIT
20.	<p style="text-align: center;">Online submission FORM, FORMAT AND SIGNATURE OF THE OFFER</p> <p style="text-align: center;">File size and format:</p> <p>The maximum sizes of the documents that will be uploaded on the platform and constitute the tenderer's offer are as follows</p> <ul style="list-style-type: none"> • 5 MB for the Administrative Offer; • 15 MB for the Technical Offer; • 5 MB for the Financial Offer. <p>The following formats are accepted:</p> <ul style="list-style-type: none"> • PDF format for text documents; • JPEG for images. <p>The candidate shall ensure that compression software is used to reduce the size of the files to be transmitted].</p> <p>For electronic submission, the offer must be sent by the tenderer on the COLEPS platform or any other electronic means of communication indicated by the Delegated Project Owner in the Tender File. A back-up copy of the offer recorded on a USB key or CD/DVD must be deposited in the services of the PO/DPO or CA concerned in a sealed envelope clearly and legibly marked "back-up copy" and with the tender references within the specified time limit.</p> <p><i>Submission must be done electronically via the COLEPS platform available at http://www.marchespublics.cm or http://www.publiccontracts.cm.</i></p>
	<p><i>Call for Tenders Number: Open National Invitation to tender No001/ONIT/BCC/ITB/2023 of 20th February 2026.</i></p>
20.1.	<p>The closing date and time for submission of offers are as follows:</p> <p>Date: 19th March 2026</p> <p>Time: 10am server time.</p> <p>the reference time zone is the local time (GMT/UTC + 1) visible on the submission page.</p>
	<p>D. SUBMISSION OF OFFERS</p>
	<p style="text-align: center;">SUBMISSION METHOD</p> <p>The method of submission for this consultation is: Online.</p>
	<p>E. OPENING OF ENVELOPES AND EVALUATION OF OFFERS</p>
	<p>The offers shall be opened in a single phase on 19th March 2026 at 11am in the BCC Internal Tenders Board Conference hall located at Mulang.</p> <p>Only tenderers may attend this opening session or be represented by a person of their choice, duly authorised, even in the case of a group of enterprises.</p> <p>For fear of rejection, the documents in the administrative file required must be produced in originals or in copies certified as true by the issuing department or competent administrative authority, in accordance with the provisions of the Special Regulations for the Call for Tenders. They must be valid at the time of submission of the offer and must be less than three (3) months old from the original deadline for the opening of offers (except NSIF attestation that is valid for 1 month) or have been issued after the</p>

References of the GRIT	Description of the provision of the SRIT
25.1	<p>date of signature of the invitation to tender.</p> <p>In case of absence or non-compliance of a document in the administrative file at the opening of bids, the tenderers concerned shall be given forty-eight (48) hours to submit or replace the said document.</p> <p>The Contracts Board shall declare inadmissible and reject:</p> <ul style="list-style-type: none"> • any bid in complete black on white; • offers that do not comply with the bidding method; • Any tender that does not comply with the indications of the TF, • The absence of a bid bond issued by a body or financial institution approved by the Minister in charge of finance to issue bonds for public contracts, or failure to comply with the model documents in the Tender File, will result in the outright rejection of the bid with no room to complain. A bid bond produced but having no connection with the consultation concerned is absent. A bid bond submitted by a tenderer during the tender opening session is inadmissible. The bid must be hand-endorsed accompanied by a CDEC receipt; • The Tenders Board shall draw up minutes of the tender opening session, a copy of which shall be given to all the tenderers.
	<p>The bid-opening session shall take place no later than one hour after the deadline for the receipt of bids set in the Tender File.</p>
29	<p><i>Tenders shall be evaluated on the basis of the following criteria:</i></p> <ul style="list-style-type: none"> ▪ <i>The eliminary criteria specifying the minimum requirements to be met to be admitted to evaluation according to the essential criteria. They must not be the subject of scoring. The non-respect of these criteria shall cause the rejection of the tenderer's offer.</i> <p>They are:</p> <ul style="list-style-type: none"> ▪ <i>Absence, insufficient or non-compliant bid bond at the opening of bids;</i> ▪ <i>Failure to submit, beyond the 48 (forty-eight) hours deadline after the opening of bids, a document of the administrative file deemed non-compliant or absent (except the bid bond);</i> ▪ <i>False declarations, fraudulent schemes or forged documents;</i> ▪ <i>Failure to comply with four (4) essential criteria out of (6) six;</i> ▪ <i>Failure to comply with bids submission method and recommended file format;</i> ▪ <i>Absence of a quantified unit price in the financial offer;</i> ▪ <i>Absence of grading (categorisation) certificate;</i> ▪ <i>Absence of an element in the financial offer (submission, SUP, BQE);</i> ▪ <i>Absence of integrity charter dated and signed;</i> ▪ <i>Absence of the dated and signed commitment statement to comply with environmental and social clauses.</i> <p>NB: Depending on the specificity of the service, other relevant criteria may be added when preparing the TF.</p> <ul style="list-style-type: none"> ▪ <i>The so-called essential (primordial or key) criteria, which attest to the technical and financial capacity of the candidates to provide the services subject of the tender. These</i>

References of the GRIT	Description of the provision of the SRIT																											
	<p><i>must be determined according to the nature and consistency of the services to be provided.</i></p> <p>The essential criteria for the qualification of tenderers for information purpose shall focus on the following:</p> <ul style="list-style-type: none"> ▪ presentation of the offer; ▪ tenderer's references; ▪ financial capacity (access to a credit line or other financial resources, turnover, proof of financial solvency); ▪ Qualification and experience of staff; ▪ Logistics means; ▪ Methodology; <p>The system of grading tenders by awarding marks is banned in favour of the binary method: yes.</p> <p>Criteria and sub-criteria for the detailed evaluation of offers</p> <ul style="list-style-type: none"> ▪ Eliminary criteria <p>The eliminary criteria shall be evaluated based on the following sub-criteria:</p> <table border="1" data-bbox="368 1048 1417 2042"> <thead> <tr> <th data-bbox="368 1048 459 1099">No.</th> <th data-bbox="459 1048 1193 1099">Headings</th> <th data-bbox="1193 1048 1417 1099">Yes/No</th> </tr> </thead> <tbody> <tr> <td colspan="3" data-bbox="368 1099 1417 1151">I- Eliminary criteria related to the administrative file</td> </tr> <tr> <td data-bbox="368 1151 459 1592">1</td> <td data-bbox="459 1151 1193 1592">Absence or insufficient bid bond at the opening of bids, issued by a first-rate financial institution authorised by the Ministry of Finance to issue bonds for public contracts. NB: A bid bond produced but having no connection with the consultation concerned is considered to be absent. A bid bond presented by a bidder during the bid opening session is inadmissible. Bids bond not hand-endorsed bearing a fiscal stamp or non-compliant.</td> <td data-bbox="1193 1151 1417 1592">Yes/No</td> </tr> <tr> <td data-bbox="368 1592 459 1787">2</td> <td data-bbox="459 1592 1193 1787">Non-production after the 48-hour deadline of a document in the administrative file deemed to be non-compliant or absent at the bid opening, (except for the bid bond).</td> <td data-bbox="1193 1592 1417 1787">Yes/No</td> </tr> <tr> <td colspan="3" data-bbox="368 1787 1417 1832">II- Eliminary criteria related to the technical file</td> </tr> <tr> <td data-bbox="368 1832 459 1883">3</td> <td data-bbox="459 1832 1193 1883">Absence of dated and signed integrity charter</td> <td data-bbox="1193 1832 1417 1883">Yes/No</td> </tr> <tr> <td data-bbox="368 1883 459 1951">4</td> <td data-bbox="459 1883 1193 1951">Absence of the commitment statement to respect environmental clauses</td> <td data-bbox="1193 1883 1417 1951">Yes/No</td> </tr> <tr> <td colspan="3" data-bbox="368 1951 1417 2002">III- Eliminary criteria related to the financial offer</td> </tr> <tr> <td data-bbox="368 2002 459 2042">5</td> <td data-bbox="459 2002 1193 2042">Absence of a quantified unit price in the financial of-</td> <td data-bbox="1193 2002 1417 2042">Yes/No</td> </tr> </tbody> </table>	No.	Headings	Yes/No	I- Eliminary criteria related to the administrative file			1	Absence or insufficient bid bond at the opening of bids, issued by a first-rate financial institution authorised by the Ministry of Finance to issue bonds for public contracts. NB: A bid bond produced but having no connection with the consultation concerned is considered to be absent. A bid bond presented by a bidder during the bid opening session is inadmissible. Bids bond not hand-endorsed bearing a fiscal stamp or non-compliant.	Yes/No	2	Non-production after the 48-hour deadline of a document in the administrative file deemed to be non-compliant or absent at the bid opening, (except for the bid bond).	Yes/No	II- Eliminary criteria related to the technical file			3	Absence of dated and signed integrity charter	Yes/No	4	Absence of the commitment statement to respect environmental clauses	Yes/No	III- Eliminary criteria related to the financial offer			5	Absence of a quantified unit price in the financial of-	Yes/No
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	fer.	
6	Absence of an element in the financial offer (submission, SUP, BQE)	Yes/No
IV- General eliminatory criteria		
7	False declarations, fraudulent schemes or falsification of documents	Yes/No
8	Non-compliance with at least 4 essential criteria out of 6;	Yes/No
9	Absence of grading (categorization) certificate	Yes/No
10	Non-compliance with the file format for offers submitted online;	Yes/No

- Essential criteria

The evaluation of the essential criteria or those relating to the qualification of tenderers shall relate, by way of indication, to:

Experience

- General experience in works

Experience in works contracts: 1 contract executed as contractor during the last *five* years preceding the deadline for the submission of offers with a minimum value of 150 million.

- Specific experience in similar works (to those in the invitation to tender)

Having effectively executed satisfactorily and substantially completed, as a contractor or subcontractor, at least 1 number of contracts similar to the work of road construction or maintenance over the last five years with a minimum value of 150 million.

The similarity shall relate to the physical size, complexity, methods/technologies or other characteristics.

These references must be accompanied by supporting documents, in this case:

- a) *Copies of the first and last pages of the contract;*
- b) *Provisional or final acceptance report or performance certificate signed by the Project Owner;*
- Personnel;

The candidate must establish that he has the right personnel for the key positions required, including:

Name	Position proposed	Minimum qualification	Year of overall experience	Specific experience in terms of projects	Position occupied for each project

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NB: Any public employee listed among the staff and who has not presented all the documents likely to justify his release from the Administration shall not be considered in the evaluation.

If the CV of the same expert appears in more than one tender or if there is a discrepancy between the CVs submitted for the same expert, a request for clarification shall be sent to the expert in order to establish the bidder's tender to be considered for evaluation. In this case the expert in question will not be evaluated in the competing bid and his CV shall be examined, provided that the CV produced for the request for clarification is identical to that in the Bid under consideration.

- Equipment

The tenderer must prove that he has the following as own or hired equipment:

No.	Type and characteristics of the equipment	Age / condition	Minimum number required	Owner hired	Year of acquisition	Proof
1						
2						
3						
...						
N						

[Insert in the table above: (i) the list of the most important equipment required for the execution of the work (ii) the minimum number of each type of equipment required (iii) it may be possible to provide this equipment on a hiring basis, in which case a hiring commitment of the equipment must be signed and legalised by the competent authorities. Where appropriate, provision could be made for the application of a reduction during the evaluation.]

NB: Attach copies, certified by the issuing authorities or any other authorised authority, of the vehicle registration documents for rolling stock and the purchase invoices showing the taxpayer's number of each issuing official for the others, if applicable, accompanied by a signed commitment to hire the equipment.

- Financial capacity

References of the GRIT	Description of the provision of the SRIT																
	<p>Tenderers must present, in particular:</p> <ul style="list-style-type: none"> ▪ A certificate of financial capacity of an amount of 185 million CFA francs issued by an approved bank, ▪ Average annual turnovers, according to the balance sheet or statistical and tax returns for the past 3 years at least 300 million. <p>1 The amount entered (financial capacity), normally, should not be less than 30% of the annual turnover or cash flow of the proposed Works contract (based on a projection in equal monthly instalments of the cost estimated by the Delegated Project Owner, including contingencies, for the duration of the contract).</p> <p>2 The period is normally three years.</p> <p>3 In the case of a group, it may be indicated that each member of the group must meet 25 or 30 % of the total amount required and that the representative of a group must meet 50 or 60 % of the total amount required.</p> <p>5 The amount of the turnover should not be set too high as to prevent companies with the required technical and financial capacities from meeting the qualification criteria].</p> <ul style="list-style-type: none"> ▪ <u>Proof of acceptance of the terms of the contract</u> <p>Bidders must submit duly initialled and signed copies, marked "read and approved", of the following administrative and technical documents governing the contract:</p> <ul style="list-style-type: none"> ➢ The Special Administrative Clauses (SAC); ➢ The Special Technical Clauses (STC), <p style="text-align: center;">Evaluation grid</p>																
	<p>The number of points that shall be awarded to each criterion and sub-criterion shall be as follows:</p> <p>A. Financial situation</p> <table border="1" data-bbox="336 1547 1374 1653"> <tr> <td>a. Financial capacity \geq 185 million</td> <td>Yes/No</td> </tr> <tr> <td>b. Average annual turnovers, for the past 3 years \geq 300 million</td> <td>Yes/No</td> </tr> <tr> <td>Total A</td> <td>/2</td> </tr> </table> <p>B. References for similar works or experience</p> <table border="1" data-bbox="336 1715 1374 2056"> <tr> <td>a. Certified first and last pages of 1 contracts \geq 150 mill. realized within the past 5 years.</td> <td>Yes/No</td> </tr> <tr> <td>b. Certified first and last pages of 1 similar contracts \geq 150 mill. realized within the past 5 years.</td> <td>Yes/No</td> </tr> <tr> <td>c. Certified copies of the reception minutes of the contracts in (a & b)</td> <td>Yes/No</td> </tr> <tr> <td>d. Certified first and last pages of contracts in the required domain \geq 100 mill. realized within the past 5 years (a & b)</td> <td>Yes/No</td> </tr> <tr> <td>e. Certified copies of the reception minutes of the contracts (a & b)</td> <td>Yes/No</td> </tr> </table>	a. Financial capacity \geq 185 million	Yes/No	b. Average annual turnovers, for the past 3 years \geq 300 million	Yes/No	Total A	/2	a. Certified first and last pages of 1 contracts \geq 150 mill. realized within the past 5 years.	Yes/No	b. Certified first and last pages of 1 similar contracts \geq 150 mill. realized within the past 5 years.	Yes/No	c. Certified copies of the reception minutes of the contracts in (a & b)	Yes/No	d. Certified first and last pages of contracts in the required domain \geq 100 mill. realized within the past 5 years (a & b)	Yes/No	e. Certified copies of the reception minutes of the contracts (a & b)	Yes/No
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	b. certified copy of diploma	Yes/No
	c. experience in building construction and public works (≥5yrs)	Yes/No
	d. CV signed and dated	Yes/No
	e. National Identity card	Yes/No
	Topographer (at a holder of an HND)	
	a. attestation of presentation of original of diploma	Yes/No
	b. certified copy of diploma	Yes/No
	c. experience in the domain (≥5yrs)	Yes/No
	d. CV signed and dated	Yes/No
	e. National Identity card	Yes/No
	Geotechnician (at least a holder of an HND)	
	a. attestation of presentation of original of diploma	Yes/No
	b. certified copy of diploma	Yes/No
	c. experience in the domain (≥5yrs)	Yes/No
	d. CV signed and dated	Yes/No
	e. National Identity card	Yes/No
	Total D	132
E. Methodology and conformity with technical specifications, environmental protection and hygiene		
	a. Consistence site installation	Yes/No
	b. Consistence Description of post of work	Yes/No
	c. Consistence Organizational chart of the enterprise	Yes/No
	d. Consistence Organizational chart for the execution of the works	Yes/No
	e. Consistence Planning of execution of works	Yes/No
	f. Consistence Attestation of site visit	Yes/No
	g. Consistence Site visit report	Yes/No
	h. Consistence Internal control	Yes/No
	i. Consistence Means of communication	Yes/No
	j. Consistence Use of human intensive labour	Yes/No
	k. Consistence Environmental protection report	Yes/No
	l. Consistence hygiene and sanitation of the personnel	Yes/No
	m. Consistence security of the personnel	Yes/No
	n. Consistence protection against HIV/SIDA	Yes/No
	o. Consistence maintaining of circulation during work and signalisation	Yes/No
	Total E	115
F. Acceptance of the conditions of the contract		
	a. The Special Administrative Clauses (SAC) initialled on all pages and signed on the last page	Yes/No
	b. The Special Technical Clauses (STC) initialled on all pages and signed on the last page	Yes/No
	c. Quality of tender (orderliness, binding and neatness)	Yes/No
	Total F	13
TOTAL A+B+C+D+E+F = 72 points		
The minimum acceptable total score obtained for the technical offer shall be 80% (58/72).		
N/B. The enterprise of category "C" and above is exempted from presenting the prove of ownership of equipment, personnel, experience and turn over.		

References of the GRIT	Description of the provision of the SRIT
31.2	<p>The currency used for the conversion into a single currency is the CFA franc, the source of the exchange rate being the Bank of Central African States (BEAC).</p> <p>The exchange rate date is: <i>Note applicable.</i></p> <p>The date of the exchange rate is: <i>Note applicable.</i></p>
32.2.(b)	<p>The method of evaluation for costing works to be executed under State supervision is defined as follows: <i>Note applicable.</i></p>
32.2.(e)	<p>The execution deadline will be evaluated as follows: <i>Note applicable.</i></p>
32.2.(g)	<p>The method for assessing the technical variants is the following: <i>Note applicable.</i></p>
33.1	<p>National bidders <i>may</i> benefit from a margin of national preference during the evaluation. <i>Note applicable.</i></p>
<p>F- AWARD</p>	
34.1	<p>The Delegated Project Owner awards the contract to the bidder whose bid has been found to be substantially compliant with the Tender File and who has the technical and financial capacity to execute the contract satisfactorily and whose bid has been evaluated as the lowest bid after application of the rebates proposed, if any.</p>
34.2	<p>The combination to be applied in case of simultaneous award of several lots is as follows the Delegated Project Owner shall take into account the proposed rebates and shall base himself on the combination which is the most economically advantageous for it in order to draw up the list of successful bidders per lot: if not: <i>Not applicable.</i></p>
39.2	<p>The final bond rate is 3% of the amount of the contract inclusive of all taxes.</p> <p>Within twenty (20) days from the date of notification of the contract by the Delegated Project Owner, the contracting partner shall provide a final bond in accordance with the model attached to the Tender File. Failure to provide the said bond within the time limits and under the conditions set in Article 28 of the SAC shall expose the bidder to the penalties fixed in Article 37 of the said SAC.</p>

References of the GRIT	Description of the provision of the SRIT
40	<p style="text-align: center;">Ethical principles</p> <p>Tenders Board chairpersons and members, bidders and other persons involved in the procedure must always observe the strict rules of professional ethics. They must refrain in particular from corruption or any other form of fraudulent schemes. By virtue of these principles, the above expressions are defined as follows:</p> <ul style="list-style-type: none"> (i) Whoever offers, gives, solicits or accepts any form of benefit in order to influence the action of a public employee during the award or execution of a contract shall be guilty of "corruption". (ii) Whoever solicits or accepts several tenders issued by the same bidder under different company names and/or different registration numbers shall be guilty of "corruption". (iii) Whoever deforms or distorts facts in order to influence the award or execution of a contract or a jobbing order in a manner prejudicial to the Delegated Project Owner shall be indulging in "fraudulent schemes. Fraudulent schemes" include in particular any agreement or collusive manoeuvre by bidders (before or after submission of the offer) aimed at artificially maintaining offer prices at levels which do not correspond to those that would result from free and open competition, and thus depriving the Delegated Project Owner of related advantages".

DOCUMENT No.4
SPECIAL ADMINISTRATIVE CLAUSES
(SAC)

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Chapter I: Generalities

Article 1: Subject of the contract

The purpose of this contract is for the tarring with double coat surface dressing of some roads in Bamenda I Sub Division.

Article 2: Contract award procedure

This contract shall be awarded through Open National Invitation to tender No001/ONIT/BCC/ITB/2025 of 20th February 2026 for the tarring with double coat surface dressing of some roads in Bamenda I Sub Division.

Article 3: Duties and security

For the application of the provisions of this contract, it is specified that:

3.1 Duties (see. Public Contracts Code)

For the application of the provisions of this contract, it is specified that:

- The Delegated Project Owner shall be the City Mayor of the Bamenda City Council: He signs the contract, orders payment of services, ensures the preservation of originals of the documents relating thereto and the transmission of copies to the Authority in charge of Public Contracts and the Public Contracts Regulatory Body and to the Ministry in charge of Public Contracts or its relevant devolved service;
- The Contract Manager shall be: The Director of Technical Services in the Bamenda City Council. He ensures compliance with administrative, technical and financial clauses and contractual time-limits. He is responsible for the general management of the execution of services, he makes all the technical and financial arrangements and represents the Delegated Project Owner in the competent dispute arbitration bodies. He provides the Delegated Project Owner with general administrative, financial and technical assistance during the definition, development, execution and acceptance stages of the works covered by the contract.
- The Contract Engineers shall be: The Divisional Delegate of MINH DU – Mezam and an Engineer in the Department of Technical Services of the Bamenda City Council. They are accredited by the Delegated Project Owner to monitor the contract execution under the supervision of the Contracts Manager to whom he reports;
- The body responsible for external control of public contracts is the Ministry in charge of public contracts. The Ministry of Public Contracts or its relevant devolved service is responsible for checking that the contract has been properly executed, issuing the required prior approvals and approving the general and final detailed account.
- The Administration's contracting partner or the contract holder is the administration contracting partner and is responsible for executing the services under the contract.

3.2. Security

For the purpose of applying the security regime provided for in Article 150 of Decree No. 2013/366 of June 20, 2018 on the Public Contracts Code, the duties are defined as follows:

- The authority in charge of ordering payments shall be: The City Mayor Bamenda City Council;
- The authority in charge of the clearance of expenses shall be: The Specialised Finance Controller of the Bamenda City Council;
- The body or official in charge of payment shall be: The Municipal Revenue Collector Bamenda City Council;

- The official competent to provide information within the context of the execution of this contract shall be: **The Director of Technical Services Bamenda City Council.**

Article 4: Language, applicable laws and regulations

4.1. The language to be used shall be *English or French*.

4.2 The contractor or contract holder undertakes to observe the laws and regulations in force in the Republic of Cameroon, both within his own organisation 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: Standards

5.1 The works under this contract shall comply with the standards laid down in the Special Technical Clauses, and where no applicable standard is mentioned, with the authoritative standard applicable in Cameroon, which standard shall be the most recently approved by the competent authority.

5.2. The contracting partner shall study, carry out and guarantee the work under this contract, taking into consideration the best practice in Cameroon for operations involving similar technology.

Article 6: Constituent documents of the contract

The constituent contractual documents of this contract are complementary and are in order of priority.

1. The tender or commitment letter;
2. The offer of the contracting partner and its appendices in all the provisions not contrary to the Special Administrative Clauses (SAC), the Special Technical Clauses (STC), or the technical clauses of the works, where applicable;
3. The Special Administrative Clauses (SAC);
4. The Special Technical Clauses (STC);
5. The estimate or the Detailed Quantity and Estimates (DQE);
6. The Schedule of Unit Prices (BPU);
7. The sub-detail of prices (SDP);
8. The General Administrative Clauses (GAC) to which it is specifically subject;
9. The execution project/programme, etc. [Insert and indicate, where appropriate, names and references];
10. Any other useful documents (the Minutes of Negotiations, the Technical Specification, the Plans, the

Management Strategies and the Environmental, Social, Health and Safety (ESHS) Implementation Plans, the ESHS Code of Conduct, the analysis of the value of the project, if applicable, the execution project/programme, etc.);

11. The integrity charter;
12. The declaration statement to comply with social and environmental clauses.

Article 7- General applicable instruments

This contract is subject to the following general instruments: [non-exhaustive list, to be adapted as appropriate].

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 No2025/012 of 17 December 2025: Finance law of the Republic of Cameroon for the 2026 financial year;*
6. Law No. 2019/024 of December, 2019 on the General Code of Decentralized Territorial Communities.
7. Decree No. 2013/159 of 15 May, 2013 putting in place a special regime on Administrative Control of Public Finances
8. 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 21 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.2011-105 of 15th April 2011 bearing on the organization and functioning of the CDEC.

15. Decree No. 2012/075 of 8th March 2012 to organise the Ministry in charge of Public Contracts;
16. Order No 212/A/MINMAP of September 28, 2021 organizing the operation of internal structures for the administrative management of Public contracts;
17. Order No. 000007/MINMAP of 01 January..... laying down the procedures for awarding and executing framework agreements
18. Order No. 168/A/MINMAP of August 11, 2021 setting the terms and conditions for the award and execution of design-build contracts;
19. Circular Letter No. 000010/LC/MINMAP/CAB of 22 September 2020, the clarifying the payment documents of the Administrative co-contractors to be submitted for visa prior to the Ministry in charge of Public Procurement
20. Order No. 001/CAB/PR of 19th June 2012 relating to the Award and Control of Execution of Public Contracts;
21. Letter No 00006/LC/PR/MINMAP/CAB of 17 August, 2021 clarifying the control of public procurement and specifying the procedures for its exercise to project owners and delegated project owner's circular.
22. The Circular No.0001877/C/MINFI of 31st December 2025 on the instructions relating to the implementation of the finance laws, the monitoring and control of the execution of the budgets of the State, Public Administrative Establishments, Regional and Local Authorities and other subsidized bodies for the financial year 2026;
23. Circular No. 0001/PR/MINMAP/CAB of 25 April, 2022 relating to the application of the Public Procurement Code
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 markets reserved for craftsmen, small and medium-sized enterprises, grassroots communities and civil society organisations, and the modalities of their application;
26. Circular letter No. 00000002/LC/MINMAP/CAB of 12 May 2022 relating to the continuity of the public procurement service in the event of a sanction by a Project Owner or Delegated Project Owners or members of a commission public procurement in accordance with the provision of articles 195 of the code of public contracts.
27. Unified Technical Documents (DTU) for building works;
28. Applicable standards;

29. Other instruments specific to the domain concerned with the Contract;
30. Circular 000006/LC/MINMAP/CAB of 05/02/2025 guiding the obligation for categorization of enterprise in the building and construction and road works;
31. Decree No 2018/0002/PM of 05/01/2018 fixing the modalities and condition for awarding contracts electronically;
32. Decree No 333/A/MINMAP/CAB of 27/12/2024 outlining the calendar of migration toward the exclusive award of contracts electronically.

Article 8: Communication

Only communications in writing should be considered within the framework of this contract and the notifications sent to the following address:

a) If the contracting partner is the addressee: Dear Sir/Madam: [To be specified] _____

- P.O Box _____
- Telephone: _____
- Fax: _____

b) If the Delegated Project Owner is the addressee:

Dear Sir/Madam: [to be specified] _____

- P.O Box _____
- Telephone: _____
- Fax: _____

with a copy sent at the same time to the Contract Manager and to the Engineer.

CHAPTER II: EXECUTION OF WORKS

Article 9: Consistency of the services

The works to be executed under this contract shall include:

- preliminary works,
- cleaning and earthworks,
- road layers (subgrade, base course),
- drainage structures,
- hydraulic structures,
- signalization and equipment,

- other activities,
- displacement of networks
- and all other subjections necessary for the good execution of the works.

Article 10: Contract execution deadline

10.1 The time limit for the execution of the works subject of this contract shall be: *[to be specified for each tranche if need be] Months (in figures and words).*

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

Article 11: Obligations of the Delegated Project Owner

11.1 The Delegated Project Owner is responsible for acquiring and making available the site as well as its access, possession, use and access to all other areas reasonably necessary for the proper execution of the Contract. He must provide the Co-contractor with the facilities for access to the project sites. For sites that are far from the Project Owner's head office, transportation costs for accessing them shall be borne by the Contractor.

11.2 The Delegated Project Owner shall obtain and at his cost, all permits, authorisations, approvals, and licences from the relevant local, regional or national authorities or government services necessary for the execution of the Contract and which are within the scope of his obligations.

11.3 If the administration's contracting partner so requests, the Delegated Project Owner shall do his utmost best, to help him obtain in time and with all due diligence from the local, regional or national administrations or public services, the permits, authorisations and licences required by these bodies for the contractor, his subcontractors or the contractor's or his subcontractors' personnel, as the case may be, to carry out the Contract.

11.4 The Project Owner will protect the contractor against any threats, outrage, violence, assaults, insults or defamation to which he may be victim as a result of or in connection with the performance of his duties.

Article 12: Administrative orders

The various administrative orders shall be prepared and notified under the following conditions:

12.1. Once the contract has been notified to the contract holder, the Delegated Project Owner has fifteen (15) calendar days to sign the works start-up service order. This Service Order is notified to the contractor by the Contract Manager within seven (7) calendar days. A copy of the said Service Order is sent to the Ministry in charge Public Contracts or its relevant devolved service, to the Regulatory Body, to the Contract Manager, to the Contract Engineer, to the Paying Body and to the Project Manager, if applicable.

12.2 The administrative orders having an incidence on the amount and/or contract deadline, shall be signed by the Project Owner under the following conditions:

- a) where an administrative order is likely to cause contract amount overrun, its signature is subject to proof of funding from the Delegated Project Owner;
- b) In case of contract amount overrun, changes can only be made through an amendment and additional services can be paid for only after the amendment has been signed by the Delegated Project Owner;
- c) Administrative orders for additional services may be signed by the Delegated Project Owner and regularised later through an amendment, as long as their financial incidence is less than ten percent (10) of the contract amount.

A copy of the administrative orders referred to above will be sent to the Contract Manager, the Contract Engineer, the Paying Body and the Project Manager if applicable.

- d) The Paying Body's prior visa may possibly be required before the signature of those having an incidence on the amount;
- e) In any case, any modification affecting the technical specifications or the special technical clauses shall be subject of prior study on the scope, cost and contract deadlines.

12.3 Administrative Orders of technical nature linked to the normal progress of the work shall be signed directly by the Contract Manager and notified to the Contractor by the Engineer or the Project Manager (if applicable) with a copy to the Minister in charge of Public Contracts, to the Regulatory Body and the Paying Body.

12.4 Administrative orders serving as formal notice shall be signed by the Delegated Project Owner and notified to the Contractor by the Contract Manager, with a copy to the Minister in charge of Public Contracts, the Regulatory Body, the Contract Engineer and the Project Manager if applicable.

12.5 Administrative orders for the suspension and resumption of works due to bad weather or other cases of force majeure shall be signed by the Project Owner or Delegated Project notified by the Contract Manager to the Contractor, with a copy to the Minister in charge of Public Contracts, the body in charge of regulation, the Contract Engineer and the Project Manager, if applicable.

12.6 Administrative orders prescribing the works necessary to remedy any disorders not arising from the normal use that appears in the works during the guarantee period shall be signed by the Contract Manager, on the proposal of the Engineer and notified to the Contractor by the Engineer.

12.7 The Contractor has a period of fifteen (15) days to express reservations on any administrative order received. The fact that reservations are made does not exempt the Contractor from implementing the administrative orders received.

12.8 In the event of a group of enterprises, the service orders are sent to the representative, who alone has the right to submit reservations on behalf of the group that he represents.

12.9 The contract may include conditional tranches, the execution of which is subject, for each of them, to the possible lifting of the denunciation clause and to the Contractor being notified, by administrative order, of the Project Owner's decision to continue with the execution of the said tranches. If the Contractor has not been notified of this Administrative Order within the time limit set in Article 14 of this contract, the Project Owner and the Contractor shall be released from this obligation for this conditional phase on expiry of this time limit.

12.10 The administrative order to commence service on the conditional tranche can only be issued once the previous tranche has been completed and provisionally accepted. However, if the condition suspensive to the execution of the conditional tranche is the availability of funding, the notification of the administrative order to commence service shall be issued as soon as proof of the availability of funding is established.

Article 13- Roles and responsibilities of the administration's contracting partner

13.1 The contractor shall ensure the execution of the work under the supervision of the Engineer or the Project Manager (to be specified as appropriate) and fulfil his obligations diligently, efficiently and economically, as described in the Technical Specifications or Technical Clauses, under the supervision of the Engineer and in accordance with this contract, the rules and standards in force in Cameroon and the techniques and practices generally accepted in the field of activity concerned by the contract. In particular, he is required to carry out (if necessary) the calculations, tests, and analyses, and to determine, select, purchase and supply all the tools, materials and supplies required to carry out the work. The contractor is bound to employ all useful personnel, whether specialised or not.

13.2 The contractor is responsible to the Delegated Project Owner for the quality of the materials and supplies used, for their perfect adaptation to the needs of the site, for the convenient execution of the work and for the services and work carried out by the approved sub-contractors. He must comply with the regulation in force in Cameroon concerning compliance with the environment. He must execute all the work specified in the Special Technical Clauses (STC) and the texts and directives mentioned in the said document. In particular, he shall be obliged to produce a worksite plate in accordance with the regulations and to post internal company rules, taking into account environmental and social issues.

13.3 During the term of the contract, the contractor shall not engage directly or indirectly in any professional or contractual activities likely to compromise his independence in relation to the tasks he is assigned.

13.4 In the event of a conflict of interest on the part of a member of the mission team, the contractor must notify the Project Owner in writing and must replace the expert in question who is involved in the project or the contract.

Conflict of interest shall refer to any situation in which the contractor could make direct or indirect profits from a contract awarded by the Project Owner to whom he is consulted or any situation in which he has

sufficient personal or financial interests to compromise his impartiality in the discharge of his duties or of such a nature as to adversely affect his judgement.

13.5 The contracting partner is bound by professional secrecy with regard to third parties, concerning information, intelligence and documents gathered or brought to his knowledge during the execution of the contract.

In this respect, the documents drawn up by the contractor during the execution of the contract may only be published or communicated with the Project Owner's written approval.

When submitting the final report, the contracting partner must return all documents borrowed from the Project Owner.

13.6 The other party and its associates or subcontractors shall refrain during the term of the contract, and at the end of the contract for [six (6) months], from supplying goods, services or utilities to the Project Owner arising from or closely related to the services (with the exception of the execution or continuation of the services).

The contractor must bear all professional expenses and to cover all risks of illness and accident in the context of his mission.

The contractor may not modify the composition of the team proposed in his technical offer without the Project Owner's written approval.

In the case of foreign enterprises, if the Contractor is not resident, he must maintain a duly authorised permanent representative in the Republic of Cameroon during the period of performance of the contract.

Article 14- Conditional tranche contracts

14.1. Not applicable.

At the end of a tranche, the Delegated Project Owner shall take delivery of the services for the tranche in question and issue a performance certificate to the Contractor in the year in which the contract is executed. This acceptance shall be a condition for the start of the next conditional tranche.

14.2. The period from the date of provisional acceptance of the previous tranche for the signature and notification by the Delegated Project Owner of the administrative order to commence a conditional tranche is: [number of days to be specified if applicable].

14.3. The deadline for notification of this administrative order by the Contract Manager shall be a maximum of fifteen (15) days. This period is the same as that for the firm tranche.

Article 15- Contractor's personnel and equipment

15.1. Personnel of the enterprise

The enterprise shall be required to use the personnel proposed in the offer, whose team is composed as follows: *[To be specified]*.

Key personnel for the execution the works:

Project Manager:.....[give name].....

Clerk of the works:.....[give name].....

Other key personnel:.....[give names].....

In addition, indicate the personnel to be recruited in the case of the labour-intensive approach (HIMO), if any, and the method of their remuneration.

15.2. Replacement of key personnel

Any modification, even partial, to the proposals in the technical offer will only be made after written approval by the Delegated Project Owner or the Contract Manager. In the event of a modification, the contractor will have him replaced by personnel of at least equal competence (qualifications and experience) or by equipment of similar performance and in good working order.

In any event, the lists of supervisory personnel to be put in place must be submitted for the prior written approval of the Project Owner or the Engineer, as appropriate, within 15 days following notification of the administrative order to commence service. After this deadline, the lists will be deemed to have been approved.

The Project Owner or the Engineer, as appropriate, shall have 5 days to notify his opinion in writing to the Contract Manager. The Project Owner reserves the right to refuse approval to a person proposed by the contractor whose qualifications are insufficient.

Any unilateral change made to the proposals for supervisory staff in the technical offer, before and during the works, is grounds for termination of the contract as referred to in Article 41 below. or for the application of penalties [To be specified].

Any changes made shall be notified to the Project Owner for prior approval.

15.3 Withdrawal of personnel (if applicable)

After written approval from the Delegated Project Owner, the Contract Manager may, on the proposal of the Contract Engineer or the Project Manager, as appropriate, ask the contractor, after formal notice, to withdraw a member of his staff for serious misconduct duly established or for incompetence, giving the reasons for his request, the other party shall ensure that this person leaves the Site within fifteen (15) days and that he no longer has any connection with work under the Contract. In this case, the person shall be replaced in accordance with the provisions of Article 13.2 above.

15.4 Representative of the contractor

Upon notification of the contract, the contractor designates a natural person to represent him vis-à-vis the Administration in all matters relating to the execution of the project.

The person in charge of the works must have sufficient powers to take the necessary decisions without delay to ensure the smooth running of the project.

15.5 Labour legislation

The Contracting partner shall comply with labour legislation in force in Cameroon including legislation on recruitment, health, security, social protection, Labour intensive approach (HIMO), the quota of local resources to be mobilised.

The Contractor shall provide accommodation, medical assistance, food and sanitary facilities for the personnel living in the contractor's residential area, in compliance with the requirements of the Specifications relating to the Social and Sanitary Conditions of the workforce.

In his relations with his personnel and the personnel of his subcontractors, who will be employed or involved in the performance of the Contract, the Contractor shall observe national holidays, public holidays, holidays for religious events or other customs, and all applicable local laws and regulations relating to labour law.

Except otherwise provided for in the Contract, if the Contractor deems it necessary to carry out work at night or on public holidays in order to meet the Service Levels and Contract completion deadline, and if the Contractor seeks the consent of the Delegated Project Owner to do so (if such consent is required), the Project Owner shall not unreasonably refuse such consent.

The Contractor shall be responsible for obtaining all necessary permits and/or visas from the relevant authorities so that all labour and personnel to be employed on the Site may enter and stay legally in Cameroon.

The Contractor shall, at his cost, provide the necessary means for the repatriation of all his personnel and the personnel of his subcontractors working on the Site to the countries where they were respectively recruited for the execution of the Contract, and shall take in charge, at his own cost, their temporary stay there between the date on which they cease to be employed for the execution of the Contract and the date scheduled for their repatriation.

15.6 Material proposed in the offer.

The contractor shall use the appropriate equipment of a standard comparable to the specifications of the TF, in the execution project for the proper execution of the services in compliance with standards.

Any modification made shall be notified to the Delegated Project Owner for prior approval.

Article 16: Documents to be provided by the contractor

[Specify the deadlines for the transmission of documents and for approval by the persons to be designated].

16.1 Work programme, Quality Assurance Plan and others **[To be specified]**.

a) Within a maximum period of 15 days from the notification of the administrative order to start the works, the administration's contracting partner shall submit, in 5 copies, for approval *[by the Contract Manager after the*

opinion of the Project Manager (or Engineer)] the works execution schedule, his supply schedule, his draft Quality Assurance Plan (QAP) and his Environmental Management Plan, if applicable.

This programme shall be presented exclusively according to the models provided and shall include:

- The minutes specifying the tasks to be carried out, if applicable;
- The list of works to be subcontracted;
- The description of the modalities to keep traffic, if necessary
- Etc.

Two (2) copies of these documents shall be returned to him/her within 10 days of their receipt with:

- Or the approval note, 'GOOD FOR EXECUTION.'
- Or the mention of their rejection together with the reasons for the rejection.

The administration's contracting partner shall then have 7 days to submit a new project. The Contract Manager or the Project Manager shall then have a period of 5 days to give his approval or make possible comments. The time limits for approval of the execution project are suspensive of the execution deadline.

The approval given by the Contract Manager or Project Manager shall in no way reduce the liability of the contractor. However, work carried out before the approval of the programme will not be recorded or remunerated unless it has been expressly ordered. The updated and approved schedule will become the contractual planning.

The Administration's contracting partner shall constantly update, on the worksite, a work planning that takes into account the actual progress of the works. Substantial changes to the contractual programme may only be made after approval by the Contract Manager. After the Contract Manager has approved the execution program, he shall forward it to the Delegated Project Owner within [*To be specified*], without suspending effect of its execution. However, if significant modifications which alter the objective of the contract or the consistency of the works are noted, the Delegated Project Owner shall return the execution programme together with the reservations to be lifted within fifteen (15) days from the date of receipt.

b. The Environmental and Social Management Plan shall highlight especially the conditions for the choice of technical sites and residential area, the conditions for borrowing extraction sites and the conditions for restoring the worksites and installation sites.

c. The contractor shall indicate in this programme the materials and methods he intends to use and the number of personnel he intends to employ.

16.2 Execution project

a. Within a maximum period of 21 days from the date of notification of the administrative order to commence works, the Contractor shall submit to the Engineer or the Project Manager, as the case may be, for approval, an execution project in 4 copies including especially:

- the minutes specifying the tasks to be carried out;
- a record of deteriorations, if any;
- the itinerary diagram or the linear of the works to be carried out, if applicable;
- a description of the processes and methods of execution of the works envisaged, with estimates of the use of personnel, equipment and materials;
- the execution plans for the works/structures and the related calculation notes;
- supply plans;
- the graphic planning of the works;
- the list of works that the contractor will have them carried out by subcontractors, if any.

The updated and approved planning will become the contractual schedule. It should show the critical tasks. The contractor shall constantly keep up-to-date on the worksite, a works updated planning which will take into account the actual progress of the works.

In case of failure to comply with the deadlines for approval of the above documents by the Administration, they shall be deemed to be approved.

Article 17: Provision of documents and site

The Project Owner shall make the works site and its access roads available to the Contractor in due course and as and when the works progress, in accordance with the execution programme.

The reproducible copy of the plans included in the Tender File will be provided by: [the Contract Manager or the Project Manager].

Article 18: Transport, insurance of structures and civil liability

18.1 Packaging for the transportation of equipment and materials

The supplier must take all necessary measures to ensure that the equipment or materials are protected by careful packaging suitable for transport by sea, air, rail or road. The supplier must make every effort to repair any damage caused during transport to the place of delivery.

18.2 Insurance

- a) As soon as the contract is notified, the contractor must take out an insurance policy with one or more approved insurance companies to cover the risks associated with the execution of the services covered by the contract.

- b) The following insurance policies are required under this Contract for the minimum amounts, deductibles, and other minimum conditions within fifteen (15) days of notification of the contract (To be specified according to the list below):
- Third-party liability insurance covering the risk of bodily injury caused to third parties or the risk of death of third parties (including the Project Owner's personnel), the risk of loss or damage occurring during the execution of the work to property during supply or assembly or installations; if applicable;
 - Site all risks Insurance covering loss or damage to the facilities on site, occurring prior to completion of the facilities, with an extended warranty covering the Contractor's liability for loss or damage occurring during the warranty period, for so long as the Contractor remains on site to discharge his obligations during the warranty period.
 - Ten-year liability insurance, where applicable.
 - Other insurance. Any other insurance that may be specifically agreed between the parties to the contract.
- c) In any case, the policy must cover all bodily injury, material and immaterial damage caused to third parties or to the works from the day after it is taken out until final acceptance of the services or ten-year liability, as appropriate.
- d) If the contractor fails to take out and/or maintain the insurances referred to above, the Project Owner may take out such insurances and maintain them in force, and deduct from time to time, from any sums due to the contractor under the contract, any premium paid by the Project Owner to the insurer, or otherwise recover the amount of the premium so paid shall be deemed to be a debt owed by the contractor.
- e) The contractor shall ensure that his sub-contractor(s) take out and maintain in force, to the fullest extent necessary, appropriate insurance policies covering their personnel, their vehicles and the services performed by them under the contract, unless these sub-contractors are covered by the policies taken out by the contractor.

Article 19- Subcontracting

This contract may give rise to subsidiary orders or to have part of the works executed by subcontractors in accordance with the procedures laid down by the Code and the General Administrative Clauses applicable to works, after prior authorisation by the Delegated Project Owner.

Notwithstanding any recourse to a subsidiary order, the main company remains responsible for the execution of all obligations resulting from the contract. The sub-contracting contract must comply with the commitments

of the main enterprise. They will carry out their part of the work under the sole and full responsibility of the contractor.

The amount of works that may be subcontracted is limited to thirty per cent (30%) of the amount of the contract and any amendments thereto.

The services subject of subsidiary order must be awarded in priority to national Small and Medium-sized Enterprises of which at least fifty-one (51%) of the capital is held by nationals, and in the event of insufficiency or deficiency, to SMEs and Large Enterprises of which at least thirty-three percent (33%) of the capital is held by nationals.

Payment of the subcontractor may be made by the Project Owner when the amount of the service subcontracted by a single company is greater than or equal to ten percent (10%) of the total amount of the contract and any amendments or when it is established that the main enterprise is engaging in unorthodox practices vis-à-vis the subcontractor. Where the subcontractor is to be paid directly, the main contractor is required, when requesting authorisation, to establish that the assignment or security of receivables resulting from the contract does not prevent direct payment to the subcontractor.

Article 20- Site laboratory and tests

The contractor is bound to have his own laboratory on the site to enable him carry out all identification trials and/or studies on building materials defined in the STC. The personnel and the equipment in this laboratory must be approved by the Project Manager and the Contract Engineer within a period of 14 days.

20.1 The trials, if applicable, provided for under this contract include: Granulometric, Plasticity, Modified Optimum Proctor, CBR.

20.2 The necessary laboratory equipment and materials are: all equipment for the carrying out of the tests in article 20.1.

20.3 The modalities for the implementation of these trials are: at the borrow pits and in situ.

The costs of these trials and controls shall be borne by the Contractor.

Article 21: Site logbook and meetings

21.1 Site logbook.

The contractor is bound to open a site logbook before the start of works. It is a single contradictory document. Its pages are numbered and initialled. No page should be removed. Parts that are crossed out or cancelled should be signalled in the margin for validation. Each day, the following information must be entered inside:

- the administrative operations relating to the execution and payment of the contract (notification, results of trials, job cost sheets);

- atmospheric conditions;
- reception of building materials and all types of approvals;
- incidents or details of all types which are of interest from the point of view of the future carriage structures or the actual duration of the works;
- Etc.

The contractor may enter incidents or observations likely to give rise to claims on his part.

This logbook shall be jointly signed by the Project Manager and the contractor's representative during each visit of the site.

For any possible claim by the contractor, he may not refer to other documents of the contract than the events or documents mentioned at the appropriate time in the site logbook.

21.2 Site meetings

In addition to regular site meetings at the behest of the Project Manager, periodic meetings shall hold in the presence of the Contract Manager and the Contract Engineer or their representative. *[Specify frequency]*.

Site meetings shall be marked by minutes and signed by all participants.

Article 22: Use of explosives

The use of explosives is forbidden.

CHAPTER III: ACCEPTANCE

Article 23- Documents to be provided prior to technical acceptance

At least ten (10) days before the provisional acceptance of the subsequent contract, the contractor must provide the Delegated Project Owner with the following documents *[Specify specific provisions as appropriate]*:

1. Copy of the invoice or detailed account describing the work, indicating its quantities, price and total amount;
2. Notification of acceptance;
3. Copy of the final bond;
4. Copy of insurance, if applicable;
5. Other to be specified.

Article 24: Provisional acceptance

24.1 Preliminary operations to provisional acceptance

Before provisional acceptance, the contractor shall ask the Delegated Project Owner in writing, with a copy to the Engineer, to organise a technical inspection prior to acceptance.

This visit includes, among other operations: [List operations].

- a) **The acceptance committee** or a technician appointed for this purpose, carries out quality and quantity checks, (to be specified for contracts with equipment included, as appropriate, either in the manufacturing plants and procedures, test workshops, shops or places where the contractor's services are carried out, test workshops of the State's public structures, or on the Project Owner's or Delegated Project Owner's sites).

These operations are the subject of a report drawn up on the spot and signed by the Project Manager, if applicable, the Engineer and the Contractor.

- b) When these operations are carried out by a technician, he draws up a report proposing acceptance, repair, improvement or rejection, which is sent to the committee for its decision.
- c) **The technical acceptance committee** or the technician assigned to this task must check the qualitative, technical and quantitative conformity of the work.

Regarding technical acceptance, the committee shall take one of the following decisions concerning all or part of the work:

- It accepts the quality and quantity of the work and, in this case, its decision is immediately enforceable;
- It finds that the work does not comply and rejects it. However, in this case, it may accept either that the work be put into conformity or that it should be the subject of a reduction. The Contractor shall be notified of the rejection of the service by registered mail or simple letter against receipt if it has not signed the report reaching this decision.

24.2 Preliminary operations to acceptance

The Contractor must inform the Contract Manager of the date on which he wishes the work to be accepted, no later than [To be specified] days before the end of the contractual period.

Provisional acceptance shall be pronounced immediately at the end of the execution of the work covered by this contract and after the Pre-Acceptance Operations. After visiting the site, the Committee shall examine the minutes of the pre-acceptance operations and proceed to provisional acceptance of the works if necessary.

For contracts comprising several tranches, the Delegated Project Owner shall proceed with the provisional acceptance of the works for the tranche in question. This acceptance shall be a condition for the start of the next conditional tranche.

The acceptance visit is marked by the signing, on the spot, by all the participants, of an acceptance report mentioning whether acceptance is pronounced or not and, if applicable, the reservations to be lifted, together

with deadlines, before pronouncing the said acceptance. If acceptance is not granted, the acceptance report shall specify the reservations to be lifted and the deadline before acceptance is granted.

To be valid, the acceptance report must be signed by at least two-thirds (2/3) of the members, including the Chairperson.

24.3 Composition of the acceptance committee

The Acceptance Committee shall be made up of the following members [as indication]:

- **Chairperson:** The Delegated Project Owner or his representative;
- **Rapporteur:** The Contract Engineer;
- **Members:**
 - The secretary General BCC as member
 - The Contract Manager or his representative;
 - The Delegated Project Owner's stores-accountant in accordance with the circular implementing the finance law for the year 2026.
- **Observer:** The representative from RD MINMAP;
- **Guest:** The Contractor;

The members of the Acceptance Committee are convened at least ten (10) days before the date of acceptance. The Contractor or the Service Provider is invited to the acceptance exercise by post at least ten (10) days before the date of the acceptance exercise. He must attend (or be represented). The absence of the Contractor or Service Provider is equivalent to acceptance without reservations of the conclusions of the Acceptance Committee.

24.4. Partial acceptances

The contractor may, if the nature of the services so requires or in cases of force majeure, request partial acceptance. In this case, the committee responsible for partial acceptance shall be the same as that responsible for provisional acceptance. A report of partial acceptance shall be drawn up and signed by all the parties.

24.5. Start of the guarantee period

The guarantee period begins as from the date of provisional acceptance.

24.6 Taking possession of the works

Any possession taking of the structures must be preceded by a partial or provisional acceptance. However, if there is urgency, taking possession may occur before acceptance, subject to the establishment of a joint statement on the situation.

24.7- Rejection

When the Committee deems that the work has such reservations that it does not seem possible to pronounce either partial acceptance or acceptance with a reduction, the Contract Manager shall notify a reasoned rejection decision.

The Contractor has fifteen (15) days to submit his observations; after this period, he is deemed to have accepted the decision of the Contract Manager. If the Contractor submits observations, the Contract Manager then has fifteen (15) days to notify a new decision, after receiving the opinion of the Acceptance Committee, if applicable; failing such notification, the Contract Manager is deemed to have accepted the observations of the Contractor.

In the event of rejection, the Contractor is obliged to reimburse the advances and down payments already received.

Article 25- Documents to be provided after execution

The Contractor shall submit to the Contract Manager if applicable or to the Contract Engineer within the thirty days following the date of the provisional acceptance of all the works, the as-built plan.

Article 26- Contractual guarantee / maintenance during the guarantee period

26.1 Guarantee period

The duration of the guarantee is twelve (12) months as from the date of provisional acceptance of the works.

The Contractor guarantees that the equipment delivered (if applicable) in execution of the contract is new and that the work has been carried out conveniently and in accordance with the required standards.

26.2 Maintenance during the guarantee period

During the guarantee period, the contractor shall be bound to carry out, at his own costs and in due time, all the works and repairs necessary to maintain in good condition the structure, that is, ensure within the ten (10) days following the notification of the default by the administration and on the location of employment, the restoration of the structure for the consecutive defaults and repairs to remedy all the disorders caused by poor workmanship that may appear on the structures and equipment as the case may be, and pointed out by the Contract Manager or the Project Manager, as appropriate.

If, after provisional acceptance, the contractor has not complied within fifteen (15) days with the prescriptions of an administrative order concerning possible repairs and refurbishments, the Contract Manager shall have the right to have the repairs executed by his own workers or by another contractor and to collect the amount thereof at the expense of the contractor through deduction on any sums due or to be owed to the latter under the contract.

Article 27- Final acceptance

27.1 Final acceptance shall take place within a maximum period of *fifteen* (15) days from the expiry of the

guarantee period.

27.2 The Project Manager may not be a member of the committee.

27.3 The composition and procedure for final acceptance are the same as for provisional acceptance.

27.4- The contract is definitively closed under the conditions set out in Article 38 paragraph 4 of these SAC concerning the General and Final Detailed Accounts.

Article 28- Legal guarantee

The contractor shall be automatically liable to the Delegated Project Owner for ten (10) years from provisional acceptance for damage that undermines the solidity of the structure or affects the structure in one of its constituent parts or one of its equipment elements, making it inadequate for its purpose.

To this end, he shall recruit an approved Technical Control Office (TCO) to assess the works with a view to obtaining a ten-year insurance.

CHAPTER IV: FINANCIAL CLAUSES

Article 29- Contract price

The amount of this contract, as shown in the [detailed estimates] is: _____ (in figures) _____ (in words) CFA francs inclusive of all taxes (IAT); that is:

- Amount EVAT: _____ (____) CFA francs;
- Amount of VAT: _____ (____) CFA francs
- AIR amount: ____ (____) CFA francs
- TSR amount, if any: ----- (____) CFA francs [*Only applicable for contracts with contractors based abroad*];
- Net to be paid = Net amount with all taxes and duties deducted: ____ (____) CFA francs.

Article 30- Place and method of payment

Any payment relating to a public contract shall be made by transfer to an account held in a first-rate Cameroon credit institution approved by the Minister of Finance, in accordance with regulations in force, or by documentary credit.

The Project Owner shall pay the sums due by bank transfer in the name of the contractor in the following manner:

[*The bank domiciliation must be the same as that of the final bond*].

- a) For payments in CFA francs, either (net amount to be paid in figures and words), by credit to account No. _____ opened in the name of the contractor at the _____ bank

- b) For payments in currencies (if applicable) either (net amount to be mandated in figures and words), by crediting account No. _____ opened in the name of the contractor at the _____ bank.

Article 31- Guarantees and bonds

The contractor must provide guarantees from financial institutions approved by the Minister in charge of Finance or that have local correspondents approved by the said Minister.

The guarantees described below in favour of the Delegated Project Owner shall be required within the deadlines, for the amount and according to and under the model indicated below:

31.1 Final Bond

- a) It shall be constituted by the contract holder and sent to the Contract Manager within a maximum of twenty (20) calendar days from the date of notification of the contract and, in any case, before the first payment.
- b) The amount is set at: 3% of the amount of the contract including VAT, increased, where applicable, by the amount of any amendments.
- c) The guarantee shall be expressed in the currency(ies) of the Contract, or in a freely convertible currency satisfactory to the Project Owner or Delegated Project Owner, and shall follow one of the models provided in the Tender File, as specified by the Delegated Project Owner in the SAC, or any other document satisfactory to the Project Owner or Delegated Project Owner.
- d) The substitution methods of the security are provided for in Article 140 of the Public Contracts Code.
- e) The final bond will be returned consecutively by the Delegated Project Owner within a period of one month following the date of provisional acceptance of the works, following a release order issued by the Delegated Project Owner at the request of the contractor.
- f) Small- and medium-size enterprises with national share capital and managed by nationals, as well as civil society organizations may, in lieu of security, provide a certified cheque, bank cheque, a legal mortgage or a bond issued by a banking institution or financial body authorized in accordance with the instruments in force

31.2 Start-up advance bond

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

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

31.2.3 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.

31.2.4 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.

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

31.3 Performance bond (in replacement of retention bond)

The retention bond shall be set at 10% of the amount of the contract inclusive of all taxes (IAT), increased, as appropriate, by the amount of the contract amendments.

The retention bond shall be released or the performance bond refunded with effect from the final acceptance of the works after a release order issued by the Delegated Project Owner after the expiry of the guarantee period.

Upon expiry of 30 (thirty) calendar days, the bonds shall cease to have any effect; the competent body shall be bound to refund the bonds or release the retention or performance bond upon simple request of the administration's contracting partner; unless the Delegated Project Owner has duly notified the contracting partner's guarantor that he has not fulfilled all his obligations.

In this case, the bond commitment may cease to have effect only following a release order issued by the Project Owner or Delegated Project Owner

Article 32- Price variation

32.1 The prices are firm.

Down payments made to the contractor as advances are not revisable.

32.2 Price updating conditions.

Note applicable.

Article 33- Price revision formulae

The prices in the unit price schedule are not revisable.

Article 34- Price updating formulae

Note applicable.

Article 35- Works executed under State supervision

35.1 The contractor shall be bound to make available to the Project Owner or Delegated Project Owner, the

labour, materials, tools and all the necessary means that may be required to carry out some works under State supervision, provided that the request is made at least eight (8) days in advance and that it is related to the subject of the contract.

The amount of the works executed under State supervision referred to in paragraph 1 above shall not exceed 2% (two percent) of the contract amount, inclusive of all taxes.

35.2 In the event of duly established default by the Administration's contracting partner, the Delegated Project Owner may, failing to terminate the contract, and after the written authorisation of the Authority in charge of Public Contracts, prescribe total or partial supervision at the cost and risks of the said contracting partner. *[Refer to the separate instrument of the Authority in charge of public contracts laying down the conditions for executing works under State supervision.]*

35.3 Works executed under State supervision shall be remunerated on the basis of the State supervision unit prices provided for in the contract, or, failing that, salaries, allowances, social security charges, sums spent on supplies and equipment, increased under the conditions laid down in the specific instrument of the Authority in charge of Public Contracts defining the conditions for executing works under State supervision to cover overheads, taxes, duties and profits.

Article 36: Valuing the supplies

36.1 Payments on account for supplies may be made in respect of expenditure incurred for the execution of works, supplies or services subject of a contract.

The terms for the payment of these advances are laid down in the Public Contracts Code.

36.2 A deposit is not required for payments on accounts for supplies.

36.3 In any case, the administration's contracting partner shall be responsible for the safekeeping of the materials which have given rise to an advance for supplies up to the acceptance of works.

Article 37- Advances

37.1 The Delegated Project Owner will grant a start-off advance of 20% of the contract amount inclusive of all taxes (IAT).

37.2 The start-up advance can be obtained by the administration's contracting partner on simple request addressed to the Delegated Project Owner without justification. This advance starts to be reimbursed by deducting a percentage: 20% from each payment on account once the total amount of work reaches 40% of the contract amount. The payment on account for the start-up advance shall take place after the deposits due have been put in place, in accordance with the provisions of the Public Contracts Code.

37.3 The total advance must be completely reimbursed not later than when the value of the basic price of the

services executed shall have reached eighty per cent (80%) of the contract price.

37.4 As the advances are reimbursed, the Delegated Project Owner shall release the corresponding part of the guarantee, at the express request of the administration's contracting partner.

37.5. The administration's contracting partner shall use the start-up advance exclusively for the purchase of materials, equipment, materials and mobilisation expenses specially required for the execution of the Contract specified in his application.

Article 38- Payment of works

38.1 Ascertainment of works executed

Before the end of each month, the administration's contracting partner and the Engineer shall jointly establish a job cost sheet summarising and fixing the quantities realised and recorded for each item in the list during the month and that may give entitlement to payment.

38.2 Provisional detailed accounts

Provisional detailed accounts must be prepared in seven copies at a frequency of: one (1) month.

The Engineer has a period of: five (5) days to transmit to the Contract Manager, the draft detailed account that he has approved.

The Contract Manager on his part has a period of: ten (10) days to proceed with the liquidation and its transmission to the accounting officer in charge of payment with a copy to the body in charge of external control.

Copies of the provisional detailed accounts must be sent to the Ministry in charge of Public Contracts and to the body in charge of the regulation of Public Contracts.

The maximum period allowed to the relevant accounting officer for the payment of the advance payments is ninety (90) days from the date of receipt of the detailed accounts transmitted by the Contract Manager.

The amount of the down payment to be paid to the administration's contracting partner, exclusive of VAT, shall be mandated as follows:

- Exclusive of VAT- AIR or TSR] paid directly into the account of the administration's contracting partner;
- VAT at the rate in force;
- [AIR or TSR] paid to the Treasury for AIR or TSR owed by the contractor;

38.3 Final detailed account

After completion of the works and within a maximum of 30 days after the date of provisional acceptance, the contractor shall prepare, on the basis of joint statements the draft final detailed account of the works actually carried out, which shall summarise the total amount of the sums to which he may be entitled as a result of the

execution of the contract in full.

This draft final detailed account, once rectified by the Engineer and accepted by the Contract Manager becomes final. It is used to prepare the down payment for the balance of the contract, established under the same conditions as those defined for preparing the monthly detailed accounts.

38.3.1 The Contract Manager has a time limit of fifteen (15) to notify to Engineer the corrected and accepted draft.

38.3.2 The administration's contracting partner must, within a maximum period of one month following the date of this notification, return the final detailed account signed without or with reservations, or make known the reasons for refusing to sign.

If the contractor signs with reservations or does not sign the final detailed account, the reasons for this refusal or reservation must be expressed by the contractor in a summary document of all the claims for which he is claiming payment, accompanied by the necessary supporting documents, and sent to the Project Manager within the same time limit as above, under pain of foreclosure.

The dispute is then settled in accordance with the provisions of the Public Contracts Code in force and the applicable GAC.

38.4 General and Final detailed account

38.4.1 the Contract Manager has up to thirty (30) days to prepare the general and final detailed account and forward to the administration's contracting partner after final acceptance.

At the end of the guarantee period, which gives rise to the final acceptance of the works, the Contract Manager shall prepare the general and final detailed account of the contract and has it signed jointly by the contractor and the Delegated Project Owner. This detailed account includes:

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

The signing of the general and final detailed account without reservation by the contractor binds the parties completely and puts an end to the contract, and releases the Project Owner and the Delegated Project Owner from any obligations, except as regards interests on overdue payments.

38.4.2 The contractor has up to thirty (30) days to return the signed general and final detailed account.

The transmission of the general and final detailed account to the paying body for payment is subject to MINMAP prior endorsement. For this purpose, a copy of the corresponding job cost sheet and all the provisional detailed accounts must be sent to him beforehand or handed to his representative on the site, as appropriate.

The deadlines and conditions for signing and handling disagreements are the same as for the final detailed

account.

Article 39- Interests on overdue payments

The possible interests on overdue payments shall be paid by statement of sums due and calculated in accordance with the provisions of Article 166 and 167 of Decree No.2018/366 of 20 June 2018 to institute the Public Contracts Code and using the formula below:

$L = M \times (n/360) \times (1)$ where:

M = Amount, inclusive of taxes, owed to the holder;

N = Number of calendar days of delay;

i = BEAC corporate lending rates increased by one (1) point or discount rate applied by the Bank issuing the currency involved, increased by at most one (1) point, as the case may be.

Article 40- Penalties

A. Penalties for delay

40.1 In case of overrun of the contractual deadline attributable to the contract holder, he shall be liable to a delay penalty, the amount of which shall be fixed as follows:

- a. One two thousandth (1/2000th) of the initial contract price, all taxes inclusive per calendar day overrun from the first to the thirtieth day beyond the contractual time limit set by the contract;
- b. One thousandth (1/1000th) of the initial contract price, all taxes inclusive of tax per calendar day overrun beyond the thirtieth day.

40.2 For conditional tranche contracts, the deadlines and amounts to be taken into account are those of the tranche considered.

B. Specific penalties [amount and method of calculation to be specified].

40.3 Irrespective of penalties for contractual time limit overrun, the Contractor shall be liable to the following specific penalties for non-compliance with the provisions of the contract, notably:

- Late submission of the final bond: 50,000 CFA Francs;
- Late submission of insurance: 50,000 CFA Francs;
- Late submission of the execution project provided that the delay is attributable to the administration's contracting partner: 100,000 CFA Francs;

40.4 In any case, the cumulative amount of the penalties shall not exceed ten percent (10%) of the amount of the initial contract and its amendments, all taxes inclusive, when need be, under risk of termination.

The Delegated Project Owner shall decide the deferment of penalties only after the opinion of the body in charge of the regulation of public contracts.

Article 41- Payment in case of a group of enterprises and subcontracting

41.1. In case of several group of enterprises, payments shall be made into the account indicated in the tender either in the name of the group or in the name of the authorised representative [*To be specified as appropriate*].

In the case of a joint group, payments shall be done into the different accounts of the co-contractors in the following manner: [*to be specified if applicable*].

41.2. Any payment on account for services performed by subcontractors shall be subject to the execution of the services provided for in the contract, and accepted subject to proof of payment by the Administration's contracting partner to the subcontractors.

The main enterprise has a maximum deadline of thirty (30) working days from the date of payment of the executed and accepted services bill to make payment to the subcontractor.

In case of non-payment of a subcontractor for services already paid for by the Project Owner or Delegated Project Owner, the latter may take coercive measures against the contract holder, including the direct payment of the subcontractor.

Article 42- Tax and customs regulations

The contract shall be liable to the tax and customs regulations in force in the Republic of Cameroon. The contract shall be concluded all taxes inclusive, in accordance with Law No. 2025/012 of 17th December 2025 Finance Law of the Republic of Cameroon for the 2026 financial year and the General Tax Code which define the modalities for the implementation of the Public Contracts tax regime.

The tax regime applicable to this contract notably comprises:

- Tax and duties relating to industrial and commercial benefits, including the AIR which constitutes a deduction on corporate tax;
- Registration fees calculated in accordance with the stipulations of the Tax Code;
- Dues and taxes attached to the execution of the services provided for by the contract:
 - Fees and taxes for entry in the Cameroon territory (customs duties, VAT, computer tax);
 - Council dues and taxes;
 - Dues and taxes on the extraction of materials and water.

These elements should be included in the charges the contracting partner incorporates in his intervention costs and constitute one of the elements of the sub-detail of prices tax exclusive.

The price all taxes inclusive (ATI) means VAT included.

Except otherwise stipulated in the contract, the contracting partner shall bear and pay the dues, taxes, duties and charges that are of his responsibility as well as of his subcontractors.

Article 43- Stamp duty and registration of contracts

Seven (7) original copies of the contract shall be stamped and registered by and at the cost of the administration's contracting partner, in accordance with the regulations in force.

CHAPTER V: MISCELLANEOUS PROVISIONS

Article 44- Termination of the contract

44.1 The contract shall be automatically terminated in any of the following cases:

- a) death of the contract holder. In this case, the Delegated Project Owner may, if necessary, authorise that the proposals submitted by the rightful claimants be accepted for the continuation of the services;
- b) bankruptcy of the contract holder. In this case, the Project Owner may accept, if appropriate, the proposals that may be submitted by the creditors for the continuation of the services;
- c) judicial liquidation, if the Administration's contracting partner is not authorised by the court to continue running his enterprise;
- d) in case of subcontracting, co-contracting or subsidiary orders without the prior authorisation of the Project Owner or Delegated Project Owner;
- e) Default by the Administration's Contracting Partner duly established and notified by the Delegated Project Owner by administrative order serving as formal notice after evaluation and the default established;
- f) Failure to comply with labour laws and regulations;
- g) significant price variation under the conditions laid down in the General Administrative Clauses, following the modification of the economic conditions or the initial quantities of the contract;
- h) Fraudulent schemes and corruption duly established.

44.2 The contract may also be terminated under the conditions stipulated in GAC, notably in the event of:

- Delay in the execution of works resulting in penalties beyond 10% of the amount of works;
- Adjournment or prolonged stoppage decided by the Delegated Project Owner;
- Persistent non-payment of services;
- Refusal to repair poorly executed works;

Article 44.3 The contract may equally be terminated under the conditions stipulated in the GAC, notably in one

of the following cases:

- In case of force majeure and after obtaining the opinion of the Authority in charge of Public Contracts in the absence of Administration's Contracting Partner responsibility without prejudice to damages the latter may claim;
- Persistent non-payment of the services;
- Reason of general interest.

Article 45- Case of force majeure

The contract holder shall not be held responsible for delays caused by a case of force majeure. In such a case, the contract holder shall inform the Delegated Project Owner in writing, within [Specify the number of days] of the existence of the force majeure and give the estimation of the resulting delays. Each time a case of force majeure will cause a delay, the contract holder shall be entitled to the extension of deadlines, if the Project Owner deems it is real.

Under this contract, "force majeure" refers to: See below.

Cases of force majeure shall be established in accordance with the provisions of the GAC. The Project Owner shall be the one to appraise the nature of the force majeure and the justifications provided

In case where the Contracting Partner may invoke the case of force majeure resulting from weather conditions, the thresholds below which no claim shall be admitted are the following:

- *Rain: 200 millimetre in 24 hours;*
- *Wind: 40 metres per second;*
- *Flood: the flood of ten-year frequency.*

Article 46- Disputes and litigation

Disputes or litigation arising from the execution of this contract may be settled amicably.

Where no amicable solution is found for the dispute, it shall be brought before the competent Cameroonian court.

Article 47- Production and dissemination of this contract

Drafting or arranging the contract constituent documents shall be done by the Project Owner. The reproduction cost of *Ten (10)* copies of this contract to be subscribed by the contractor shall be borne by the Project Owner.

Article 48 and last: Validity and entry into force of the contract

This contract shall only become final after it has been signed by the Delegated Project Owner. It shall enter into force upon notification to the administration's contracting partner.

DOCUMENT No. 5
SPECIAL TECHNICAL CLAUSES (STC)

TECHNICAL SPECIFICATIONS

ARTICLE B 100 – GENERALITIES

- Article B 101 - Purpose of this 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 207 - 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 - Concrete blocks
- Article B 211 - Shaping of reinforcements for reinforced concrete
- Article B 212 - Materials for backfill
- Article B 213 - Materials for subbase and base
- Article B 214 - Materials for impregnation of base layer, tack coat and pavement coatings
- Article B 215 - Materials for backfill under foundation
- Article B 216 - Materials for filtering devices
- Article B 217 – Sealing devices
- Article B 218 – Concrete pipes
- Article B 219 - Pvc pipes
- Article B 220 - Fonts
- Article B 221 - Rock fill
- Article B 222 - Road paint
- Article B 223 - Water repellents

ARTICLE B300 - METHOD WORK EXECUTION

PRELIMINARY WORKS - EARTHWORKS - ROADS

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

ARTICLE B310 - PRELIMINARY WORK

- Article B311 - Brush clearing
- Article B312 - Voids
- Article B313 - Scarification of existing pavements
- Article B314 - Demolition
- Article B315 – Discharges

ARTICLE B 320 - EARTHWORKS

- Article B321 - Topsoil stripping
- Article B322 - Land movements
- Article B323 - Purging of bad land
- Article B324 - Requirements applicable to excavated earthworks
- Article B325 - Careers and loans

Article B326 - Requirements applicable to earthworks in embankments
Article B327 - Tolerance on earthworks
Article B328 - Compaction
Article B329 - Adjustment of platforms
Article B330 - Roads
Article B331 - Finishing of platform
Article B332 - Execution of the subgrade
Article B333 - Execution of the base layer
Article B334 - Control tests for the implementation of the subgrade and the base course

ARTICLE B340 - PAVEMENT AND SIDEWALKS COVERINGS

Article B341 - Method of execution of multi-layer coatings
Article B342 - Dense asphalt pavements
Article B343 - Control of profiling and thicknesses
Article B344 - Methods of control
Article B345 - Obligation of the co-contracting party with regard to the control.
Article B346 - Possible losses for non-compliance with technical clauses

ARTICLE B400 - EXECUTION DRAINAGE WORK

Article B401 - General indications

ARTICLE B410 - EARTHWORKS

Article B411 - Execution of trenches and excavations
Article B412 - Execution of trenches using mechanical devices
Article B413 - Shoring and shielding
Article B414 - Drainage under pipeline and structure
Article B415 - Backfilling of trenches
Article B416 - Impoundment of works
Article B417 - Installation of filter devices

ARTICLE B420 - DRAINAGE NETWORKS

Article B421 - Laying of pipes and their accessories
Article B422 - Inspection manholes and drains
Article B423 - Pipe tests
Article B424 - General test of underground sewerage networks
Article B425 - Construction of gutters and scuppers
Article B426 - Maintenance during the warranty period

ARTICLE B500 - EXECUTION OF HYDRAULIC STRUCTURES

Article B501 - Earthworks
Article B502 - Manufacture and transport of concrete
Article B503 - Implementation and hardening 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 B607 - Sleeves - flexible sleeves
Article B607 - Warning mesh
Article B608 - Draft chamber

ARTICLE B609 - ANCHOR MASSIVE

Article B610 - Kerbs

ARTICLE B700 - HORIZONTAL SIGNALIZATION

Article B701 - Qualities and tests of constituent materials

Article B702 - General provisions on supplies

Article B703 - Manufacturing processes and control

Article B704 - Testing of structures

Article B705 - Consistency of the work

Article B707 - Products used

Article B707 - Guarantee period

Article B708 - Pavement markings

Article B709 - Cleaning work

Article B710 - Method of carrying out the work

Article B711 - Conditions of execution

ARTICLE B800 - EXECUTION OF NETWORK DISPLACEMENT

Article B802 - Reconnaissance trenches

Article B803 - Execution of 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

Item B904 - Cleaning

Article B905 - Warranty and maintenance

Article B907 - Paving

Article B907 - Development of the existing box culvert

Article B908 - Signalling

Article B909 - Concrete blocks.

Article B1000 - Environmental directives.

ARTICLE B 100 - GENERALITIES

ARTICLE B 101 - SUBJECT OF THE PRESENT SPECIFIC TECHNICAL CLAUSES

The purpose of this Book of Special Technical Clauses is to specify the standards applicable to equipment and materials incorporated in the rehabilitation of some roads in Bamenda city

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

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- Fascicle N ° 50: Topographic works, large-scale plans

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

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- 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 Project Manager. 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 Market Engineer within thirty days before the start date of the corresponding part of the work.

The Project Manager 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:

- Situation plans at 1 / 500th
- Layout of the rights-of-way at 1 / 500th
- Layout plans at 1 / 500th of tracks and structures with storm water purification.
- Projects and plans for network movements (CAMWATER, ENEO, CAMTEL) at 1 / 500th,
- Notebook of cross sections at 1 / 100th (one profile every 10 m),
- Typical cross sections at 1 / 50th,
- Plans of crossroads at 1 / 200th with sanitation,
- Formwork and reinforcement plans for sanitation structures at 1 / 20th (scuppers, manholes, heads of structures, etc.),
- Detail plans at 1: 50th (curbs of sidewalks, 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

- Site installation
- Mobilisation and demobilisation of equipment
- Scarification of the exiting road surface and moulding
- Cut and throw
- Fill from borrow pit
- Foundation course in laterite
- Base course in crushed aggregate 0/31.5
- Priming
- Bituminous concrete
- Reinforced concrete gutters
- Supply and placement of reinforced concrete ring culverts
- Construction of reinforced concrete box culvert 3x3
- Horizontal signalisation
- Vertical signalisation
- All other works described in the cost estimates and bill of quantities.

GENERAL

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 Project Manager. Samples of the materials and equipment that will have been retained by the Project Manager will be kept in the premises of the Project Manager 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 Project Manager, 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 Project Manager. 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 Project Manager. 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 - ADDITIVES

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 Project Manager 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 structures will meet the following specifications:

Description	Minimum Dosage of cement	Usage	Minimum resistance at 28 days Mini compression Mini traction	Ratio W/C maximal
Plain concrete BC	200 Kg	Lean concrete		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
Concretequality 3(BQ3)	350 Kg	Footings foundation etc...	27 MPa 2,32 MPa	0,55
Concretequality 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 Project Manager 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 Project Manager 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 Project Manager 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 Project Manager.

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 Project Manager. 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.

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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 B207 - 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 liter.

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 Fe-400 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 Project Manager.

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 B211 - 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 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 B212 - FILL MATERIALS

B212.1 - 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 project manager 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.

B212.2 - 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 Project Manager will be used, in accordance with articles B212.1, B325 and B326 of this document.

B212.3 – Sub grade course

The subgrade is defined as the part of the structure on which the roadway is placed. This is either the shape resulting from the compacted cuttings or the existing road surface.

The thickness of the form base is considered to be equal to 30 cm. The materials constituting this backing must meet the following characteristics, unless an exemption is granted by the Project Manager:

Organic content :	< 2 %
Granulometry :	150 mm maximum
Percentages of fines :	< 40 %
Limites d'Atterberg :	limite de liquidité < 60 plasticity index < 40
Indice CBR (measured after 4 days of immersion) :	CBR > 15 for dry density at 95 % de l'O.P.M.
Gonflement linéaire :	tolerance 2 % maximum

In the event that the natural terrain does not have these characteristics, the Co-contractor would be required to provide a top layer meeting these standards.

The remuneration for the presentation of the fund is not specified separately in the price schedule, but is considered to be included in the other unit prices.

ARTICLE B213 - MATERIALS FOR FOUNDATION AND BASE LAYER

The definition of the pavement body structures will be finalized in agreement with the Project Manager before the start of works.

The foundation layer will be executed:

- lateritic gravel with an I.P. less than 35 and a CBR greater than 40
- in natural gravel reconstituted according to proposals allowing to obtain an I.P. less than 30 and a CBR greater than 35.

The base layer will be executed:

- gravelly lateritic or lateritic T.V. reconstituted according to the characteristics defined above, improved to 4% cement,

- in crushed gravel 0 / 31.5.

The pavement layers in gravel bitumen will be carried out in accordance with the Directives of the SETRA-LCPC "for the realization of the pavement foundations in gravel bitumen and sand-bitumen of September 1972".

The quarries from which the materials will come must be approved by the Project Manager.

The materials for the foundation and base layer must meet the specifications indicated in the table below with the exception of asphalt gravel which will be considered as dense asphalt (see article B214 below).

Parameters	FONDATIONS	BASE	BASE				TESTS	
	Laterite	Crushed aggregates 0/31,5	Stabilisé laterite ciment 4%				Quantity	
CBR after 4 days of immersion at 95 % OPM	≥ 30	≥ 150	≥ 160				1/1000 m ²	
Percentage of fines (elements at 0.08 mm)	≤ 35	≤ 35	≤ 30				1/1000 m ²	
Plasticity index	≤ 30	≤ 6	≤ 25				1/500 m ²	
Gonflement	< 2 %	≤ 1 %	≤ 2 %				1/1000 m ²	
Proctor density	≥ 1.9	> 2.20 T/m ³	≥ 1.9				1/500 m ²	
Organic content	≤ 2 %	≤ 1 %	≤ 1 %				1/2000 m ²	
Simple compression resistance - Rc (3 days curing with air, 4 days immersion) - Rc (7j air curing)			T1	T2	T3	T4	1/2000 m ² 1/2000 m ²	
			5	5	7	7		
			5	15	20	20		
Traction Resistance (days air curing)	/		1	1	15	15	1/1000 m ²	
Granulometry Tamis - % passant	0.08 mm 35 % maxi	0.08 mm	2 - 10	(voir LADN 1987)				1/1000 m ²
		0.2 mm	8 - 20					
		0.5 mm	17 - 32					
		2 mm	30 - 50					
		6.3 mm	45 - 70					
		10 mm	55 - 82					
		20 mm	75 - 100					
		31,5 mm	95 - 100					
40 mm	100							
Forme - Angularity % éléments tels que G/E < 1,58	/	≤ 30	/				1/2000 m ²	
Sand equivalent		30 T1 & T2					1/1000 m ²	
		40 T3 & T2					1/1000 m ²	

ARTICLE B214 - MATERIALS FOR IMPREGNATION OF BASE LAYER, TACK COATING AND WEARING COURSE

- Base coat impregnation, tack coat

The binders used will comply with the requirements of fascicle N-24 of the C.C.T.G. "Supply of hydrocarbon binders used in the construction and maintenance of pavements. The aggregates used will comply with the prescriptions of the N-23 of the C.C.T.G." Road aggregates".

- Impregnation of the Base Layer = Cut-back Fluid of class 0/1 for the Stabilized Grave or 10/15 for the 0/31.5.

- Tack coat = Cut-back 400/600

- Pavement coating

They will be made up of surface plasters or dense mixes.

A) Surface dressing

The characteristics to which surface plasters must meet are defined below:

Aggregates

Granularity	Single layer	Double layer	Triple layer
1 st coat	6/10 ou 8/12	10/14 ou 8/15	10/14 ou 12/18
2 nd coat	-	6/10 ou 4/8	6/10 ou 8/12
3 rd coat	-	-	4/6 ou 4/8

- Hardness: Los Angeles << 40 (preferential << 35%) or wet Micro-Deval << 25 (preferential << 20)

- Shape: % of element such that $G/E < 1.56$ will be less than or equal 25

- Angularity: % crushed elements >> 50

- Cleanliness: % elements < 1 mm: < 4: T1 and T2

2: T3 and T4

- Adhesiveness: % fixed aggregates >> 90 vialit 20 ° C and >> 75 vialit 60 ° C

- Granulometry: class 4/8 - 8/12 - 12/18

- Accelerated polishing coefficient >> 40%

Binders:

We will use either:

- a cutback bitumen 150/250

- a 400/600 fluidized bitumen or cationic emulsion containing 65 - 70% bitumen 80/100 or 60/70 class T2, T3, T4.

A) Dense mixes

1) Aggregates:

The granulation of the construction material will fall within the following reference range: (given as an indication)

Sieve (mm)	0,08	0,20	0,315	1	2	4	6	10
% Sieved	5 - 9	8 - 14	10 - 18	20 - 32	30 - 45	50 - 60	65 - 75	90 - 100

The aggregates must have excellent granularity and a crushing index equal to 90.

The equivalent of sand measured on the 0 / 6.3 fraction of the reconstituted mixture will be at least equal to 60, on the 0/4 fraction of the sand; the equivalent of sand will be greater than 40.

The hardness by the Los Angeles test on class 6/10 will be less than 35.

The binder content should be in the range 5.5 to 6.5 for bituminous concrete and 3.5 to 4.5 for serious bitumen.

Filler: The filler water content will be between 5 and 9%. The filler / bitumen ratio will be between 1.1 and 1.4.

1) Bitumen:

The binder will be pure bitumen with a 60/70 or 80/100 penetration.

Bitumen with hardness greater than 150 or less than 50 are not recommended.

2) Typical formulas for dense bituminous concrete:

The Contractor will formulate the composition of the dense asphalt that he plans to use. This composition must correspond to the requirements of the table below: (given as an indication)

1. GRANNULATS	COMPOSITIONS RANGE	FORME - TYPE RANGE
Proportion of 6/10 or 8/12 %	30 - 35	30
Proportion of 4/6 ou de 4/8 %	15 - 20	20
Proportion d'apport %	48 - 55	48
Filler %	1 - 3	2
Granulometry % passant		
Sieve 10 mm	95 - 100	97
6 mm	62 - 74	70
4 mm	48 - 58	49
2 mm	30 - 45	33
1 mm	20 - 28	23
0,315	10 - 19	14
0,2	6 - 15	10
0,08	5 - 9	7
Specific surface m ² /Kg	8.7 - 14.7	11.8
Sand equivalent of fraction 0/6	> 60	> 6
Los Angeles	<< 35	<< 35
Flakiness index	Satisfactory	
Adhésivité VIALIT	Satisfactory	< 25
2. BITUMEN		
Hardness	60/70	60/70
3. Mixture		
% B.B.	2.3 - 3.0	2.6
Module de richesse % G.B.	3.0 - 3.9	3.75
Bitumen content % B.B.	5.5 - 6.5	6.2
Ratio filler/bitumen %	1.1 - 1.4	1.2
Bitumen content G.B.	3.2 - 4.2	3.7
4. PERFORMANCE ANTICIPABLES		
4.1 - DURIEZ ou (LCPC)		
Re DURIEZ at 18 °C 1+7 days air (bars) G.B.	50 - 100	65
B.B.	60 - 110	80
Ration Re/Re% G.B. - B.B.	0.65 - 0.85	0.70
Apparent density T/m ³ G.B. - B.B.	2.25 - 2.45	2.30
Compacity % G.B.	88 - 94	> 90
BB	90 - 96	>> 92
4.2. MARSHALL		
Stability at 60° Kg/cm ² G.B.	700 - 1000	>> 850
B.B.	800 - 1200	1000
Fluage en 1/10 mm G.B.	2.20 - 2.35	< 2.30
B.B.	2.25 - 2.45	< 2.35
Apparent density T/m ³ G.B. - B.B.	2.20 - 2.50	>> 2.35

Compacity % G.B.	91 – 95	> 93
B.B.	92 – 96	> 94
Residual voids % G.B. – B.B.	12 – 4	8

ARTICLE B215 - 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 B216 - MATERIALS FOR FILTERING DEVICES

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.

B216.1 - 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:

1.

2. SIEVE (mm)	SIEVED	
	Max	Min
4. 4,000	8	0
5. 2,000	10	0
6. 1,000	20	3
7. 0,500	50	10
8. 0,250	90	50
9. 0,125	100	85
10. 0,063	100	96

B216.2 - 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 Project Manager a sample of the gravel + that he proposes to use for the filter.

B216.3 - 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.

B216.4 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 B217 - 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 B218 - CONCRETE PIPES

Not applicable

ARTICLE B219 - 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 B220 - 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 221 – 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 B222 - ROAD PAINTINGS

The products used for the markings must be retro-reflective, and must be approved in their country of origin. The approval forms will be subject to the prior approval of the Project Manager.

ARTICLE B223 - HYDROFUGES

The buried concrete facings will be covered either with a de-acidified tar, hot bitumen, or a non-acid emulsion of bitumen.

ARTICLE B300 - PERFORMANCE METHOD OF PRELIMINARY WORKS - EARTHWORKS - PAVEMENTS

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 Project Manager 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 project manager 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 client 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 Project Manager.

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 Project Manager 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 Project Manager.

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 B310 - PRELIMINARY WORK

ARTICLE B311 – 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 Pro-

ject Manager. 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 B312 – 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 Project Manager.

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

ARTICLE B313 - SCARIFICATION OF EXISTING PAVEMENTS

In some areas, scarification of existing pavements may be necessary. These areas as well as the depth of scarification will be fixed by the Project Manager. The possible use of scarified materials can only be done after agreement of the Project Manager.

ARTICLE B314 - 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 Project Manager. 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 B315 – 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 Project Manager and the Town Hall,
- In a place specified by the Project Manager on the municipal territory,
- In a place proposed by the Co-contractor with the agreement of the Project Manager

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

ARTICLE B320 - EARTHWORKS

ARTICLE B321 – 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 Project Manager. The topsoil thus extracted will be transported to places approved by the Project Manager and placed in geometric mass storage. It will be reused for the development of green spaces.

ARTICLE B322 - MOVEMENTS OF SOIL

The Co-contractor shall submit for the approval of the Project Manager 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 B323 - PURGE OF BAD SOIL

In areas where the need will be recognized by the Project Manager, the contractor will remove poor soil.

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

ARTICLE B324 - REQUIREMENTS APPLICABLE TO EXCAVATED EARTHWORKS

B324.1 - General indications

The excavation will be done in accordance with the execution plans, established by the Co-contractor and approved by the Project Manager, 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 Project Manager 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 Project Manager.

B324.2 - Different categories of cuttings

The excavated material is classified into five categories:

1 st catégorie : Cut for 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 Project Manager. The neighboring 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.

B324.3 - 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 Project Manager. 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 B325- 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 Project Manager 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 Project Manager 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 Project Manager 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 326 - REQUIREMENTS APPLICABLE TO FILL

B 326.1 - 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 326.2 - 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 Project Manager.

B 326.3 - 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.

B326.4 - 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 326.5 - 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 327 – 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 rockysoil	+ 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 Project Manager depending on the characteristics of the materials encountered or used, and in view of the results of soil tests.

ARTICLE B 328 - COMPACTION

Unless there is a specific exemption granted or prescribed by the Project Manager, 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 Project Manager.

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 Project Manager 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 Project Manager.

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 Project Manager, 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)
- Soilreceivingfills	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 Client and must take over the damaged areas at its expense.

ARTICLE B 329 – 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 gulying and without harming riparian properties.

ARTICLE B 330 - (PLATFORM)

ARTICLE B 331 - 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 332 - 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 Project Manager 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 Project Manager 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 Project Manager.

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 B 333 - EXECUTION OF THE BASE COURSE

B 333.1 - Base layer of selected laterite improved with cement

Not applicable

B 333. 2 - Base layer in crushed gravel 0 / 31.5

After receipt of the foundation layer by the Project Manager, the Co-contractor will apply the base layer in layers of minimum 10cm and maximum 15cm after compaction.

The materials used will be fully crushed 0 / 31.5 crushed gravel, the characteristics of which are defined in clause B334.

The rate of compaction in place must be greater than or equal to 98% of the O.P.M. for 90% of the measurements. The remainder will in any case be greater than 97% of the O.P.M.

The Project Manager will check the thickness of the base layer. These checks may be carried out at the locations of the density measurements in place or at other locations designated by the latter.

The minimum thickness of the base layer must be respected at all points. The altimetry tolerance is plus or minus 1 cm from the project coast. If the minimum thickness and the prescribed altimetry tolerance were not respected, the Co-contractor would be required to take back the section concerned at its expense. In both cases he will have to scarify the base layer and recompact it.

The Co-contractor will determine, from test boards, the water content which will allow it to obtain a dry density in situ greater than 98% of the OPM, taking into account the means of compaction that it must use, and the characteristics of the base coat materials.

Whatever the water content obtained, the Co-contractor will take all measures to avoid any segregation of materials during the supply, placement and compaction of the latter. To this end, the Co-contractor must ensure that the height of the storage of aggregates in quarries does not exceed 6 m and that the materials are transported with a certain initial water content.

B333.3 - Base layer in gravel-bitumen

Not applicable

B 333.4 - Base layer in selected lateritic gravel, improved with crushed 0 / 31.5

After receipt of the foundation layer by the Project Manager, the Co-contractor will proceed with the implementation of the base layer in layers of one thickness after compacting of 10cm minimum and 20cm maximum, in accordance with the prescriptions of article B213.

The Project Manager will check the prescribed minimum thickness of the base coat. These checks may be carried out at the locations of the density measurements in place or at other locations designated by the latter. The minimum thickness of the base layer must be respected at all points.

The altimetry tolerance is plus or minus 2 cm from the project coast. If this minimum thickness and the prescribed altimetry tolerances are not respected, the Co-contractor will be required to take back the section concerned at its own expense. The same applies in the event of non-compliance with the prescriptions in terms of dosage, CBR, compactness, lamination or cracking other than shrinkage. In these cases, he will have to scarify the base layer, add cement, mix and compact it.

The Co-contractor must take all measures to ensure the good bond between the base layer and the foundation layer. In case of in situ mixing, it will ensure to penetrate the underlying layer by 1 to 2 cm.

All protective measures must be taken by the Co-contractor and at its expense, to take into account the curing constraints of the selected natural materials, improved with cement and the maintenance of circulation.

Transport and spreading of material

The material can be transported and spread by means of trucks or scrapers followed by the grader which must give the layer to stabilize the geometric characteristics of the project, taking into account the reduction in thickness deriving from compaction.

Preliminary compaction

The layer of material thus spread will receive a preliminary compaction or pre-compaction intended to allow the circulation of the machines.

Compaction

It is specifically recalled that all compaction operations must be started immediately after mixing and finished before the cement sets, in any case, within three hours of mixing. For this purpose, the Co-contractor must have sufficient number and type of compaction equipment available to obtain, within the aforementioned times, the prescribed dry density of the mixture. If, for whatever reasons, the compaction operations

are not completed in time or the prescribed density has not been met, the Co-contractor must, at its expense, remove the stabilized layer over the entire section in question and deposit the material outside, of the right-of-way in places approved by the Control Engineer.

Finishing

Before the binder has started setting, the Co-contractor must carry out the finishing operations to give the stabilized layer the profile of the project, both longitudinal and transverse, as indicated on the plans.

If necessary, after the passage of the grader which gives the final profile, a compaction of the closures of the superficial parts will be carried out, preferably this operation will be done with a tire roller.

Repetition of construction

Whenever the stabilization operation is resumed after the end of the setting time (therefore at least each time the working day is restarted), the mixing operations must be preceded by a picking of the terminal part already carried out, until the elimination of any material which, by the very nature of the work, does not have the characteristics of homogeneity and hardness proper to the soil - cement. All arrangements will be made to avoid lamination.

Tack layer

Immediately after the completion of the compaction of the stabilized material, the tie coat will be spread in accordance with article B 214 of this C.P.T.

Installation schedule and traffic opening

Traffic will be prohibited on the compacted layer for approximately seven (07) days. The precise times for compaction and opening to traffic will be determined in the laboratory.

Dosage distribution:

Grave lateritic: 75%
Crushed 0/315: 25%.

ARTICLE B 334 - TESTS OF IMPLEMENTATION OF THE FOUNDATION COAT AND THE BASE COAT

The pavement body installation control tests are listed in the table below:

Nature des travaux	Nature de l'essai	Résultatsexigés	Nombred'essai à réaliser
Compactage de la couche de fondation	Compacité en place	Supérieure ou égale à 97 % de la densité sèche de l'O.P.M*.	1 tous les 250 m ²
Compactage sur emprise de trottoirs	Compacité en place	≥ à 97 % de la densité sèche de l'OPM*	1 tous les 500 m ²
Compactage de la couche de base	Compacité en place	Supérieure ou égale à 98 % de la densité sèche de l'OPM*	1 tous les 250 m ²
Contrôle de la quantité des matériaux pour couche de base	Epaisseur	Epaisseur mise en place ne doit pas être inférieure de plus de 1 cm par rapport à épaisseur théorique indiquée sur plans ou définie par l'Ingénieur	1 tous les 250 m ²
Mise en oeuvre de la couche d'imprégnation ou	Dosage du liant	Ecart autorisé par rapport au dosage théorique ne doit pas	

de la couche d'accrochage		excéder plus ou moins 0.05 kg/m ²	
Tolérance d'exécution	Viagrape	80 % des valeurs 10mm de pénétration	1 longitudinale par voie

* for at least 90% of the measurements taken.

For the cases of base layers in gravel-bitumen, the tests and controls will be identical to those carried out on dense mixes (see article B342 below).

ARTICLE B 340 - PAVEMENT AND SIDEWALKS

ARTICLE B 341 - METHOD OF EXECUTION OF MULTI-LAYER COATINGS

The characteristics to which surface plasters must meet are defined below:

Aggregates

Class	Single layer	Double layer	Triple layer
1 st layer	6/10 ou 8/12	10/14 ou 8/15	10/14 ou 12/18
2 nd layer	-	6/10 ou 4/8	6/10 ou 8/12
3 rd layer	-	-	4/6 ou 4/8

Hardness: Los Angeles << 40 (preferential << 35%) or wet Micro-Deval << 25 (preferential << 20)

- Shape: % of element such that $G/E < 1.56$ will be less than or equal 25

- Angularity: % crushed elements >> 50

- Cleanliness: % elements < 1 mm: < 4: T1 and T2

2: T3 and T4

- Adhesiveness: % fixed aggregates >> 90 vialit 20 ° C and >> 75 vialit 60 ° C

- Granulometry: class 4/8 - 8/12 - 12/18

- Accelerated polishing coefficient >> 40%

Binders:

We will use either:

- a cutback bitumen 150/250

- a 400.600 fluidized bitumen or cationic emulsion containing 65 - 70% bitumen 80/100 or 60/70 class T2, T3, T4.

ARTICLE B342 - DENSE COATINGS

Aggregates:

The granulation of the construction material will fall within the following reference range: (given as an indication)

Sieve (mm)	0.08	0.20	0.315	1	2	4	6	10
% Passing	5 - 9	8 - 14	10 - 18	20 - 32	30 - 45	50 - 60	65 - 75	90 - 100

The aggregates must have excellent granularity and a crushing index equal to 90.

The equivalent of sand measured on the 0 / 6.3 fraction of the reconstituted mixture will be at least equal to 60, on the 0/4 fraction of the sand; the equivalent of sand will be greater than 40.

The hardness by the Los Angeles test on the 6/10 class will be less than 35.

The binder content should be in the range 5.5 to 6.5 for bituminous concrete and 3.5 to 4.5 for serious bitumen.

Filler: The filler water content will be between 5 and 9%. The filler / bitumen ratio will be between 1.1 and 1.4.

Bitumen:

The binder will be pure bitumen with a 60/70 or 80/100 penetration. Bitumens with a hardness greater than 150 or less than 50 are not recommended.

Typical formulas for dense bituminous concrete:

The Contractor will formulate the composition of the dense asphalt that he plans to use. This composition must correspond to the requirements of the table below: (given as an indication)

GRANNULATS	COMPOSITIONS EN-VELOPPES	FORME – TYPE MOYENNE
Proportion of 6/10 ou 8/12 %	30 – 35	30
Proportion of 4/6 ou de 4/8 %	15 – 20	20
Proportion d'apport %	48 – 55	48
Filler d'apport %	1 – 3	2
Granulométrie % passant		
Tamis 10 mm	95 – 100	97
6 mm	62 – 74	70
4 mm	48 – 58	49
2 mm	30 – 45	33
1 mm	20 – 28	23
0,315	10 – 19	14
0,2	6 – 15	10
0,08	5 – 9	7
Specific surface m ² /Kg	8,7 – 14,7	11,8
Sand equivalent of fraction 0/6	> 60	> 6
Los Angeles	<< 35	<< 35
Flakiness index	Satisfactory	
Adhesivity VIALIT	Satisfactory	< 25
BITUMEN		
Hardness	60/70	60/70
MIXTURE		
% B.B.	2,3 – 3,0	2,6
Module de richesse % G.B.	3,0 – 3,9	3,75
Bitumen content % B.B.	5,5 – 6,5	6,2
Ratio filler/bitume %	1,1 – 1,4	1,2
Bitumen content G.B.	3,2 – 4,2	3,7
PERFORMANCE ANTICIPABLES		
4.1 – DURIEZ ou (LCPC)		
Rc DURIEZ à 18 °C 1+7 jrs air (bars) G.B.	50 – 100	65
B.B.	60 – 110	80
Ration Rc/Rc% G.B. – B.B.	0,65 – 0,85	0,70
Apparent density T/m ³ G.B. – B.B.	2,25 – 2,45	2,30

Compacity % G.B.	88 – 94	> 90
BB	90 – 96	>> 92
4.2. MARSHALL		
Stability at 60° Kg/cm ² G.B.	700 – 1000	>> 850
B.B.	800 – 1200	1000
Fluage en 1/10 mm G.B.	2.20 – 2.35	< 2.30
B.B.	2.25 – 2.45	< 2.35
Apparent density T/m ³ G.B. – B.B.	2.20 – 2.50	>> 2.35
Compacity % G.B.	91 – 95	> 93
B.B.	92 – 96	> 94
Residual void % G.B. – B.B.	12 – 4	8

ARTICLE B343 - CHECKING THE PROFILING AND THICKNESSES

These checks will be carried out in the presence of the Co-contractor and the representative of the Project Manager. These points will be materialized by metal spikes leveled at the level of the roadway and indicated by a circular mark of white paint 0.10 m in diameter with the profile number corresponding to the project.

a) Long profile

No point on the axis of the finished roadway shall deviate by more than 1cm more or less compared to the longitudinal profile of the approved project. These checks will be made every 200 m. The frequency can be increased at the request of the Project Manager

b) Cross section

For streets where the width does not exceed 7 m, a circle with the theoretical profile of the roadway, applied in a plane perpendicular to the axis, must not highlight points located more than 2 cm below the edge of the road the circle.

It is specified that this check will be carried out only once over the entire width of the roadway by means of a complete hoop and not by means of a semi-circle applied successively to the right part and the left part.

When the width of the road will no longer allow the use of the template, the check will be carried out using a level.

As a general rule, no point on the roadway should be more or less 2 cm from the theoretical side.

c) Thickness

This check will be carried out by three soundings in the different layers on the same cross section, a sounding in the axis of the roadway at 1 m from the edge of the sidewalk.

The profiles will be spaced 100 m from each other unless otherwise prescribed by the Project Manager. In any case, the thickness produced may not be less than the thickness prescribed or defined by the Project Manager.

If the average section thickness is more than 0.25cm lower and less than 1cm, price refraction will be applied.

Beyond that, the Co-contractor must implement an additional at least compensating layer, the thickness of which may not be less than 3 cm.

ARTICLE B344 - CONTROL PROCEDURES

The checks referred to in the table of article B341.1 may be prescribed by the Project Manager. The control referred to in article B342.2 will in principle be carried out before the placement of the surface layer.

The Project Manager may however prescribe it, even after the execution of the latter if there is reason to fear an insufficiency of the lower layers and in particular if the pavement shows signs of failure.

ARTICLE B345 - OBLIGATION OF THE CO-CONTRACTOR WITH RESPECT TO CONTROL

During the duration of the work, the Co-contractor must permanently have on the site the equipment necessary for the checks (in particular: control room, hoop, mason's level, slope indicator). He must also have the necessary personnel for the handling of these instruments.

ARTICLE B346 - POSSIBLE LESS VALUES FOR NON-COMPLIANCE WITH THE TECHNICAL CLAUSES

When the tolerances on the averages are exceeded, the Project Manager may order the Co-contractor to carry out a new adjustment of the manufacturing plant.

If, after giving the order to carry out a new adjustment, the Project Manager finds, at the end of the fixed period, that the tolerances on the averages are still exceeded, the following losses will be applied to the entire production: made between the time when new adjustments have been prescribed and the time of the previous sample which gave satisfactory results:

- by 0.1% difference in the dosage of the binder, 1% reduction on the price per m² installed with a maximum of 5%.
- by 0.1% difference in the amount of sand filler, 1% reduction with a maximum of 5% for the total of the two reductions for filler and sand,
- by 0.1% difference in the dosage of aggregates, 1% reduction with a maximum of 5% for the total reductions on the aggregates.

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 B410 - EARTHWORKS

ARTICLE B411 - 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 neighboring parts.

The materials will be sorted clean and deposited parallel to the trench so that they cannot mix, or be transported to the places of deposits. As it is extracted, the cuttings will be put on hold before being reused as backfill.

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

The width of the trench must be sufficient at all points for it to be easy to place the nozzles, or to make the structures and joints there and to carry out the backfilling properly. The width of the trench will be at least equal to that of the structure or the outside diameter of the pipeline increased by 30 cm on both sides.

Unless the ground is sandy, the bottom of the trenches will be leveled at least 15 cm below the slope provided for the lower external generator of the nozzle. This thickness will be replaced by a laying bed consisting of sand containing less than 12% of particles smaller than 1 / 10th of a mm. The bedding will be leveled according to the slope of the project. The surface will be well prepared so that the pipe does not rest on any hard or weak point if the nature of the joints makes them necessary, niches to facilitate the making of the joints will be made in the walls and the bottom of the trenches.

In floodplains, the maximum length of excavations that can remain open before backfilling is set at 100 m; on ordinary terrain this length is 200 m.

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, he will do his business:

- 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 Project Manager reserves the right to refuse his approval to any provision he deems unsuitable or dangerous.

ARTICLE B412-EXECUTION OF THE TRENCHES USING MECHANICAL GEAR

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

ARTICLE B413 - SHORING AND SHIELDS

Not applicable

ARTICLE B414 - DRAINAGE UNDER PIPELINE AND STRUCTURE

Not applicable

ARTICLE B415-FILLING OF THE TRENCHES

When the Project Manager has recognized that the pipe tests (see article B423) are satisfactory and that the slopes provided for in the project have been respected, he will authorize the Co-contractor to proceed with

the backfilling of the trenches, with category 1 backfill (see article 326). The backfilling of the trench, up to a uniform height of 15 cm above the external upper generatrix of the pipeline, will be carried out carefully manually, with the soil of the cuttings purged of all elements liable to affect the pipe or with any other suitable material approved by the Project Manager (sand, loam or vegetable soil purged of stones, gravel, plant debris, etc.) that the Co-contractor is required to supply in cases where the excavation from the trenches would not be suitable.

This first layer of backfill, called wedging backfill, will be carefully tamped to ensure effective wedging of the pipe. Beyond this first layer, backfilling can continue using mechanical devices.

The maximum thickness of the successive layers of backfill will not be greater than 30 cm and the compaction obtained must not be less than 90% of the OPM. The degree of compaction of the last layer must be equal to 95% of the OPM for 90% of the measurements and in all cases, greater than 92% of the OPM.

The Co-contractor is required to sort and remove blocks of rock, plant or animal debris, etc. which must not be buried in the trenches, the excess excavated material will be evacuated to the disposal sites following the instructions of the Project Manager.

The Co-contractor remains responsible, until final acceptance, for any deformations or settlements which may occur around the backfilled trenches and which are the consequence of the work. He must carry out maintenance operations and immediately comply with the orders of the Project Manager.

ARTICLE B416 - LOCKING OUT OF THE WORKS OF WATER

The excavation operations for drains and the opening of excavations for structures risk meeting the water table.

The work will be organized from downstream to upstream so as to use the parts of drains and structures already carried out for the evacuation of excess water.

The contractor is required to carry out all earthworks and construction work completely dry.

In addition to maintaining surface runoff outside the site, this will involve lowering the water table.

The contractor must install all the necessary equipment such as horizontal drains, filters, suction pipes, pumps, etc.

The bottom of the excavations must have the same characteristics as the bottom of form defined in article B212.3.

ARTICLE B417 - IMPLEMENTATION OF FILTERING DEVICES

After carrying out the earthworks below the water table, filters will be installed in accordance with the requirements of article B216.

a) Horizontal filters price 508.1

The filters are composed of a 10 cm layer of draining sand topped with a BIDIM U 24 type geotextile or similar and a 25 cm thick layer of gravel.

a) Vertical filters price 508.2

The vertical filters will be made of ENKADRAIN SK 20 type filter materials or similar, implemented in accordance with the manufacturer's instructions.

ARTICLE B420-DRAINAGE NETWORKS

ARTICLE B421 - LAYING OF PIPES AND THEIR ACCESSORIES

B421.1 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.

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 Project Manager, 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 Project Manager, 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 Project Manager, 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.

B421.2 - 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 B422 – MANHOLES

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 B423 - 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.

11.

- **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 B424 - GENERAL TEST OF UNDERGROUND SANITATION NETWORKS

Not applicable

ARTICLE B425 - 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 B426 - 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 Client, 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.

▪ EARTHWORKS

▪ Excavations:

- Are considered as excavations the deadlines executed under the right of works in accordance with article B324.
- 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 B212.3.

▪ ♣Cofferdam:

- For the construction of hydraulic structures, the protection of foundation works against water may be achieved by means of a metal sheet pile cofferdam or any other structure whose nature may depend on the characteristics of the soil or on hydrological data. The plans, descriptions, and calculation notes of these works as well as the processes that can be implemented for their realization must be submitted for the approval of the Control Engineer on the same date as the working drawings.
- The contractor remains responsible and will insure in all cases damage and damage that may be caused by current or floods.

▪ ♣Exhaustion:

- The contractor must submit for the approval of the Project Manager the brands, types, characteristics, age and number of materials he proposes to use and the arrangements he intends to take to ensure the emptying of the excavations, 'waterproofing of their walls and the complete exhaustion of groundwater, as well as their evacuation to the outlets where they can be received.
- No fixed contractual maximum permanent depletion rates.

▪ ♣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.

12.

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.

13.

❖ 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 color, 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

14.

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 \pm 10 mm and - 5 mm

15.

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 Project Manager, 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 Project Manager. Manual manufacture of concrete can only be authorized for small quantities and after approval by the Project Manager.

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 Project Manager 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 Project Manager. 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 Project Manager.

ARTICLE B504-FACING

Exterior facings not seen will be kept unworked. They should be uniform in color, 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 leveled, 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 Project Manager. 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 Project Manager 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 Project Manager.

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 \pm 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 Project Manager 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 Project Manager. 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 $\varnothing 60$ 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

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 thrusting 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 Client, 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 Client or his representative.

The Client 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 B610 - KERBS

The types of borders are defined on the detailed plans in the tender dossier.

They will be prefabricated or cast in place in concrete dosed at 350 kg of cement per m³ and will be placed on a concrete footing at 200 kg at least 10cm thick and having a vertical return intended to wedge the curb on the sidewalk side.

The altitude tolerance will be 1cm compared to the prescribed level: the alignment will be strictly respected at plus or minus 1 cm for 10 m.

The Co-contractor will take all measures to avoid any displacement of the curbs during the construction of the pavements and in particular during the compaction of the foundation and base layers.

ARTICLE B 700 - HORIZONTAL SIGNALIZATION

ARTICLE B 701 - QUALITY AND TESTS OF THE MATERIALS

Materials and supplies must be of proven quality. They will be subjected, before their employment, to the examination of the control engineer or his representative and the operator of the road network.

Materials that do not meet the conditions required in this book will be refused.

If the company's control resources are deemed insufficient with regard to the verifications of the materials, the Project Manager may have a competent body carry out control tests. In such a case, the costs inherent in these conditions will be borne by the entrepreneur.

ARTICLE B702 - GENERAL PROVISIONS ON SUPPLIES

The supplies must withstand without damage the external conditions and the stresses which they will be called upon to withstand in service and during the tests.

The company is required to present to all requisitions the paid invoices and other documents which are used to justify the origin of the materials.

ARTICLE B703 - MANUFACTURING PROCESSES AND CONTROLS

Independently of the test conditions of the constituent materials and of the tests to which the supplies will be subjected, by virtue of the requirements set out in this specification, the Inspection Engineer reserves the right to have all verifications of the manufacturing conditions carried out in the factory.

For this purpose, the contractor obtains, if necessary, the agreement of his manufacturer who will authorize the agent appointed by the Project Manager to carry out all the checks at the various stages of manufacture.

ARTICLE B704-CONSISTENCY OF THE WORK

The tests are the responsibility of the contractor.

Before commissioning, the contractor must carry out the tests imposed by the inspection engineer or his representative.

ARTICLE B705-CONSISTENCY OF THE WORK

A) For pavement marking work:

The consistency of the work to be carried out is:

- The supply of white and yellow marking products,
- The supply of glass beads for retro-reflections.

If it does not comply with these requirements, it is automatically provided for replacements and repairs at the expense of the contractor, after formal notice by registered letter without effect.

The obligations thus imposed continue, if necessary, beyond the fixed term until the works have been put in a state of final acceptance. He is also responsible for any damage that the installations could cause under the same conditions.

ARTICLE B708-MARKS ON PAVEMENTS

All the markings on the roadway are white except:

- Lines indicating the prohibition of stopping or parking and zigzag lines indicating bus stopping locations which are yellow;
- Temporary marks (construction sites) which are yellow.

They comply with the requirements of the "Mark on the road" booklet. The linear taken into account in the quantitative is the total linear including the voids.

B708.1 - Longitudinal lines

The continuous lines are announced to those of the conductors to whom it is forbidden to cross them by a broken line possibly differentiating according to their meaning by their modulus.

T1: Axial line or track delimitation.

The length of the line is equal to about a third of their intervals (3 m line; 10 m interval; width 0.15 m).

T2: Edge lines, delimiting deceleration, acceleration or intersection lanes; guidance in intersection, lane entry and exit for slow vehicles.

The length of the lines is approximately equal to that of their intervals (3 m line, 3.5 m interval; 0.15 m width).

T3: Warning lines for continuous lines, lines delimiting lanes for slow vehicles, lines delimiting emergency lanes.

The length of the lines is approximately equal to three times that of their intervals (line 3 m; interval 1.33; width 0.15 m).

The dashed lines next to the solid lines have a ratio of lines at intervals of one-third (T1) in the general case and three (T3) when the section or the overshoot is possible immediately followed by a section where it is not.

B708.2 - Transverse lines

The continuous transverse lines, drawn at the limit where drivers must stop at intersections, are 0.50 m wide.

The dashed transverse lines, drawn at the limit where the conductors must give way at intersections, have a width of 0.50 m and the length of the lines is equal to that of their intervals (0.50 m).

The transverse lines of effect of the signals, drawn at intersections, if there is no passage reserved for pedestrians, to indicate the place where vehicles must stop, have a width of 0.15 m. They are discontinuous and the length of the lines is equal to those of the intervals (0.50 m).

B708.3 - Pedestrian crossings

Crossings reserved for pedestrians are indicated by longitudinal strips 0.50 m wide with an interval of 0.50 m

ARTICLE B709 - CLEANING WORK

During the work, the contractor will be required to clean the parts of the roadway to receive the marking products. To this end, the latter will wash with water by high pressure pump (between 50 and 100 bars) in order to remove all traces of old sealants and laitance.

ARTICLE B710 - METHOD OF EXECUTION OF THE WORK

The marking of the axis (real or off-set) of the motorway, the interchange lanes and crossroads necessary for the installation of horizontal signs will be carried out by the contractor.

B710.1 Pre-marking

The contractor will pre-mark the strips and must have, during the duration of this operation, a qualified surveyor, capable of re-implanting the axes of the strips to be traced from the staking, of which he will be responsible for the conservation.

The verification of the pre-marking will be carried out by the project manager, any modifications which will be requested from the Contractor must be made within forty-eight (48) hours. The application of products can only take place after this verification.

B710.2- Application of products

The material used for the execution of the bands will be subject to the approval of the project manager and must have the following characteristics:

- be a mounted self-propelled machine,
- Have a minimum spreading speed of 4 km per hour,
- Be equipped with a mechanical mixing system,
- Be equipped with a system for sprinkling glass beads ensuring the homogeneity of the retro-reflection over the entire width of the painted strip,
- Have a working autonomy allowing, without reloading, the application of the products over the greatest possible length,
- Arrangement of paint spray limitation allowing quick and easy adjustment of band widths,
- Equipment of an efficient device allowing the change of

Immediately before applying the product, the contractor will remove dust from the parts of the roadway to receive strips.

The devices embedded in the roadway and located in the surfaces to be painted will be protected beforehand by adhesive paper or other cover which will be removed after the passage of the sprayer.

16.

ARTICLE B711 - CONDITIONS OF EXECUTION

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

ARTICLE 800 - MODE OF EXECUTION OF NETWORKS DISPLACEMENT

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 Project Manager.

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 Project Manager, 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 project manager 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 on site 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 leveled 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 plowing 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 - PAVING

a) Laying sand layer

This is a 5 cm thick layer of clean fine sand.

b) Paving pavement

The paving stones in question are of the self-locking type. They must be vibrated and compacted during manufacture and respect the following mechanical characteristics:

- Compressive strength: 29 Mpa for those used on the section suitable for vehicles and at least 25 Mpa for the section by bending;
- Bending tensile strength: 5 Mpa for the section suitable for vehicles and 3 Mpa for the pedestrian section.

These characteristics must be previously proven by the contractor through tests carried out by a specialized laboratory and approved by the Project Manager. The Project Manager may require a visit to the manufacturing unit.

The interlocking paving stones will have a thickness of at least 8 cm for the vehicle section and 6 cm for the pedestrian section, in parallel with the aforementioned mechanical characteristics.

The shapes, colours and patterns to be produced will be approved beforehand by the Project Manager.

The blocking of the pavers is done with clean fine sand while the bedding is made of coarse sand.

c) Connection mortar

The materials required for the connection must meet the requirements of article 3.3 of this CCTP.

ARTICLE B907 – REPAIRING OF EXISTING BOX CULVERT

Not applicable

ARTICLE B909 - 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 Project Manager.

ARTICLE B1000 - 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 Housing and Urban Development 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 launched by MINH DU, 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 it to the project manager 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 center,

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 Client:

- 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 Client 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 walkable 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 project manager 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 project manager.

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 leveling 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 regaled 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 project manager 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 pavement 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.

7 MAINTENANCE OF PEDESTRIAN TRACK OF TARRED ROADS

The Co-contractor must:

- Plan an installation in relation to the volume of work (see site installation);
- Work on unpaved shoulders as soon as the degradation reaches more than 3 cm;
- Bring the materials needed for recharging, spread them out and compact them after watering;
- Organize the distribution of piles on one side of the road over restricted distances;
- Carry out the adjustment as you go;
- Restore the platform water drainage system by adjusting the shoulders;
- Remove excess material in ditches, deposit and level the land outside the right-of-way in places that do not obstruct the normal flow of water;
- Put in place adequate signage;
- Regulate transit traffic by flag bearers;
- Avoid the accumulation of side cushions on the aisles and ditches.

8. PARTIAL JOBS USING VARIOUS MATERIALS

The Co-contractor must make the same arrangements as in the site installation chapter. He must :

- Determine the locations of material deposits taking into account a minimum of brush clearing;
- Take drainage measures to prevent the aggregate from being washed away;
- Regularly remove loose chippings;
- Put in place adequate signage;
- Take safety measures for asphaltting installations. (bitumen heating, bitumen storage);
- Have absorbent products on site in the event of toxic product spills;
- Avoid carrying out work on days of popular demonstration;
- At the end of the work, the Co-contractor will do what is necessary for the restoration of the premises (withdrawal of all its equipment, machinery and materials), in order to restore the site as it was to its initial state;
- After the equipment has been withdrawn, a report noting the restoration of the site must be drawn up and attached to the work acceptance report.

9. VEGETATION CONTROL AT THE LEVEL OF SLOPES, ACCESSIBILITIES, PIT WALLS.

Brush clearing consists of cutting without uprooting any vegetation (grasses, trees, shrubs) growing on the immediate surroundings of the walkable surface: shoulders, ditches, embankments and crests of embankments; the cut will be made at ground level, between 5 and 10 cm.

All waste will be carefully removed from shoulders, ditches or structures and evacuated to designated areas in a suitable location away from any dwelling. It is strictly forbidden to burn cut waste on site.

If the burning of waste is authorized at this location, the Co-contractor must have a tank of at least 10,000 liters and a sprinkler pump to prevent any possible spread of fire in the vicinity of the site.

It is forbidden to use the grader to clear the shoulders. The execution of brush cutting must be done manually. This task is labour intensive.

10. MANUAL OR MECHANICAL MAINTENANCE OF GUTTERS.

The Co-contractor must:

- Clear the ditch manually or mechanically to restore the initial template;

- Leave the roots of the vegetation intact unless they present a threat to the structure;
- Carry out divergent ditches according to the instructions of the project manager if the section of the ditch is insufficient. Cleaning products should be set to a low thickness and in areas that do not require brush clearing and outside residential areas.

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 project manager;
- 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 project manager;
- Ensure that all surplus materials are evacuated and leveled 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;
- Install gabions in areas with strong current;
- Reinforce the banks with riprap, gabions, masonry rip-rap;
- Reinforce the embankment soil of the banks;
- 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 project manager.

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 project manager 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 compact the soil and restore the vegetation.

14. SITE VISIT AND START OF WORK

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 project manager 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.

15. SANCTIONS AND PENALTIES

Law No. 96/12 of August 5, 1969 provides respectively in its articles 79, 82, 84 and 88 as follows:

- 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:

- carried out, without an impact study, a project requiring an impact study;
 - carried out a project that did not comply with the criteria, standards and measures set out for the impact study;
 - prevented the completion of the checks and analyzes provided for by said law and / or by its implementing texts;
- 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;
15. 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;
 16. 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.
 17. 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.
 18. Any breach of the requirements duly notified to the company by the project manager 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 No. 6
UNIT PRICE SCHEDULE FRAMEWORK

Unit price schedule model
(Case of road works)

No.	Description of tasks and unit prices	Units	Unit price in figures in CFA F	Unit price in words
000	PRELIMINARY WORKS			
	<p>Site installation (price 001) This price remunerates at a fixed price the installation costs of the site as well as the supply and removal of materials. It includes:</p> <ul style="list-style-type: none"> - The cost of acquisition or temporary occupation of the necessary land, compensations of all types; - The preparation of areas, construction, building of site sheds, workshops, warehouses, lodging facilities, offices and the laboratories of the Contractor and Project Manager; - The administrative offices according to the plan provided by the Project Manager; - Drinking water supply and electric energy to the work site and the evacuation of waste water after cleaning and purification by septic tank; - Telephone networks; - Costs for maintenance, cleaning and exploitation of premises, workshops, warehouses including security service; - The construction and maintenance of access roads to the site; - The control and verification of the plans of the invitation to tender; - The removal at the end of the works of all excess materials and restoration of the premises; - Obligation of ensuring traffic during works; - The costs for restoring the site after works (road and its surroundings, base and construction site facilities, lodgings, borrow pits and quarries, material storage sites, etc.), in accordance with the clauses of the CCAP and environmental requirements. <p>The lump sum (ls) will be paid in two instalments. Each will be paid as follows: eighty percent (80%) upon the actual installation of the Company, and the remaining twenty percent (20%) after the dismantling of the Company's installations and the submission of as-built plans.</p> <p>It is essential that all elements of the construction site setup, including the laboratory, are in place for the 80% lump sum to be paid; if any element is missing, the right to payment of the full lump sum is forfeited.</p>			

<p>Mobilization to and demobilization of equipment from site (price 002) This price includes:</p> <ul style="list-style-type: none"> - the delivery of the equipment and machinery necessary for the execution of the project, including in particular crushing plants, asphalt plants, concrete production plants, site weighbridges, earthmoving, sanitation, and road construction equipment, as well as transportation vehicles. <p>This price will be paid as a lump sum. The lump sum (ls) will be paid at 50% of its value once all of the equipment specified in the approved execution project has been delivered to the site.</p> <p>The second part of the lump sum (the remaining 50%) will be paid after provisional acceptance, once all the equipment has been removed and the occupied areas have been restored.</p>	lump sum		
<p>Geotechnical and survey studies (price 003) This price includes:</p> <ul style="list-style-type: none"> - All geotechnical studies relating to this project as indicated in the ToR, before, during the works. - Foundation penetrometer tests - Soil studies - Establishment of a well-equipped on-site geotechnical laboratory. - All charges included in the completion of this task - All constraints <p>The quantity to be taken into account, established by both parties, is a lump sum (ls)</p>	lump sum		
<p>Execution program (price 004) This price includes:</p> <ul style="list-style-type: none"> - The studies necessary for the production of the plans - Production of all execution documents - Production of execution plans - Production of calculation notes - All requirements <p>This price remunerates the production of the execution plans on a lump sum (ls) basis.</p>	lump sum		
<p>Demolition of reinforced concrete elements (price 005) This price remunerates in cubic meter (m³) for demolition of a concrete structure or part of a structure. It includes:</p> <ul style="list-style-type: none"> - any excavations, - the demolition of the structure by any means whatsoever, - the extraction, loading, transport over all distances and unloading of rubble and demolition products at disposal sites approved by the Delegated Project Manager, - backfilling and compaction of the excavations required for the demolition of the foundations, - any subjection related to compliance with environmental regulations. <p>The quantity to be taken into account is the volume, measured in place before the contradictory destruction, in units, of the structure actually demolished. The quantity to be taken into account, which is contradictorily established, is the cubic meter (m³)</p>	m ³		

	<p>Demolition of stone elements (price 006) This price remunerates in cubic meter (m^3) for demolition of a stones or part of a structure. It includes:</p> <ul style="list-style-type: none"> - any excavations, - the demolition of the structure by any means whatsoever, - the extraction, loading, transport over all distances and unloading of rubble and demolition products at disposal sites approved by the Delegated Project Manager, - backfilling and compaction of the excavations required for the demolition of the foundations, - any subjection related to compliance with environmental regulations. <p>The quantity to be taken into account is the volume, measured in place before the contradictory destruction, in units, of the structure actually demolished. The quantity to be taken into account, which is contradictorily established, is the cubic meter (m^3).</p>	m^3		
100	CLEANING AND EARTHWORKS			
	<p>Bush clearing (price 101) This price consists of clearing the land by bush clearing and it is carried out within the existing road bed and the right-of-way of the works in accordance with the directives of the Engineer and the requirements of this STC. This price includes:</p> <ul style="list-style-type: none"> - the clearing of land, the uprooting of grass, bush clearing, plantations and hedges along the entire extent of the shoulders and side ditches, - the collection, removal, transport, evacuation of grass, shrubs and their disposal outside the right-of-way in a place approved by the Delegated Project Manager, - backfilling of holes created by stump removal, - the removal of topsoil, ditch cleaning products and any material unsuitable for reuse as backfill, its loading, its transport regardless of the distance, its unloading and its temporary or permanent storage in a place approved by the Engineer, including environmental protection measures, - any subjection relating to bush clearing in large or small widths. <p>The quantity taken into account is the square meters (m^2) regardless of the condition of each of the two verges, which is noted by both sides.</p>	m^2		
	<p>Tree Cutting (price 103) This price consists of tree cutting; it is carried out within the existing road bed and the right-of-way of the works in accordance with the directives of the Engineer and the requirements of this STC. This price includes:</p> <ul style="list-style-type: none"> - felling and cutting down trees regardless of their circumference, - stump removal, removal of the roots of these shrubs and trees regardless of their circumference, - the collection, removal, transport, evacuation of trees, shrubs, stumps and their disposal outside the right-of-way in a place approved by the Engineer. - backfilling of holes created by stump removal, 	U		

	<ul style="list-style-type: none"> - any subsection relating to tree cutting. <p>The quantity taken into account is the unit (U) resulting from contradictory attachments.</p>			
	<p>Cut and throw (price 104) This price is remunerated per cubic meter (m3) of excavated material made. It includes:</p> <ul style="list-style-type: none"> - Excavations for foundation according to the results of the geotechnical study; - Any other excavation necessary for the execution of the work; - Arrangement of the earth cleared in the area approved by the Delegated Project Manager; - Any other subsection. <p>The quantity taken into account is the cubic meter (m3)</p>			
	<p>Rock excavation (price 106a) This price is remunerated per cubic meter (m3) of excavated material in rocky terrain made. It includes:</p> <ul style="list-style-type: none"> - Excavations for foundation according to the results of the geotechnical study; - Any other excavation necessary for the execution of the work; - Arrangement of the earth cleared in the area approved by the Delegated Project Manager; - Any other subsection. <p>The quantity taken into account is the cubic meter (m3)</p>	m3		
	<p>Fill from borrow pit (price 108a) This price remunerates the realization of backfill from borrow pit for the execution of all backfill in large or small mass, in accordance with the specifications of this STC. This price includes:</p> <ul style="list-style-type: none"> - the preparation of quarry or borrow pit, the opening and maintenance of accesses and traffic lanes within the perimeter of the zone of exploitation, - expropriation costs, any compensation for the destruction of crops or loss of use of the premises, any extraction royalties, - the opening of borrow pits and quarries, including clearing, felling of trees, removal of topsoil and discovery, - the extraction of materials, their storage or recovery from any stocks, - the supply of materials on the ground including loading, transport not exceeding 5000 m, unloading, and storage, - spreading of materials in compatible layers with the means of compaction and the nature of the materials and compaction as defined in the description of the works, - watering or aeration necessary to obtain better compaction, - compaction by appropriate means, - the restoration of the premises, - any subsection related to compliance with environmental regulations. <p>The quantity to be taken into account is the CUBIC METRE (m3) measured in place, resulting from contradictory attachments.</p>	m ³		
113	<p>Cleaning of concrete and stone masonry gutters and culverts (price 113) This price consists of cleaning of the of concrete and stone masonry gutters and culverts as directed by Engineer and the requirements of</p>	lm		

<p>this STC. This price includes:</p> <ul style="list-style-type: none"> - the cleaning of the ditches, - the collection, removal, transport, evacuation of the deposits and their disposal outside the right-of-way in a place approved by the Engineer, - any subsection relating to bush clearing in large or small widths. <p>The quantity taken into account is the linear meter (lm) resulting from contradictory attachments.</p>			
<p>Scarification of existing earth road surface and moulding of platform (price 124a) This price is remunerated per square meter (m²) of scarification of existing earth road surface and moulding of platform. It includes:</p> <ul style="list-style-type: none"> - scarification of existing pavements to a determined depth; - The possible reuse of scarified materials only after agreement of the Engineer. <p>The quantity taken into account is square meter (m²) resulting from contradictory attachments.</p>	m ²		
200 - ROAD LAYERS (SUBGRADE, BASE COURSE...)			
<p>Foundation course in laterite (price 208a) This price includes:</p> <ul style="list-style-type: none"> - any clearing, stripping, removal of unusable soil, and creation of access to the borrow pit; - extraction and loading of materials after rejection of unsuitable materials; - restoration of borrow pits and quarries in accordance with the clauses of the STC and environmental requirements; - transportation, regardless of distance; - implementation, after possible adjustment of the moisture content, spreading, leveling, and compaction of the material to 95% of the OPM; - Any execution constraints that may occur in narrow widths; - Costs for site restoration afterwards. <p>It applies to the volume of material paid per CUBIC METER (m³) placed according to the approved cross-section profiles.</p>			
<p>Base course in laterite (209c) This price includes:</p> <ul style="list-style-type: none"> - prospecting, quarry opening, creation of access roads, extraction, fragmentation, screening, and possible washing of aggregates; - any potential quarry reconstitution costs to achieve a grain size curve in compliance with specifications; - loading and transport to the construction site, regardless of distance, of materials as defined in this technical specification; - spreading, leveling, and compaction, as well as all implementation requirements resulting from the contract specifications; - quarry operation constraints (environmental protection, stock losses, etc.); - site restoration costs after work is completed. <p>This price applies to the volume of materials, paid per cubic meter (m³), placed according to the approved cross-sectional profiles. No</p>	m ³		

	additional payment will be granted for thickness or width exceeding the ordered dimensions without authorization from the Delegated Project Manager.			
213b	<p>Priming with Cut Back 0/1 (price 213b) This price includes:</p> <ul style="list-style-type: none"> - the regulatory sweeping; - surface preparation by thorough sweeping, after any reshaping and compaction; - transport of the binder to the site, regardless of the transport distance; - any heating, additives, and all adjustments necessary to adapt the binder to the characteristics of the substrate; - spreading in accordance with the provisions of the CCTP, including on the edges and all implementation requirements; - any sanding of the impregnated surface to allow traffic; - all requirements related to application on small areas <p>This price applies per square meter (m²) of impregnated surface, excluding overlap.</p>	m ²		
	<p>Execution of surface dressing in double-coating (price 214c) This price includes:</p> <ul style="list-style-type: none"> - the research and preparation of quarries, - crushing and screening, washing, and preparation-related operations, - supply and transport of binders, regardless of distance, - supply and transport of aggregates, - surface preparation, - supply and transport to the worksite of binders and aggregates, - spreading of bitumen and aggregates for each layer, - all execution and implementation-related tasks, - pneumatic rolling of each layer, - collection of excess aggregates and their deposition at sites approved by the Delegated Project Manager, - phasing of work operations, which may include covering the base layer with pouzzolanic gravel, - restoration of borrow pits and quarries in accordance with the clauses of the Special Administrative Clauses (CCAP) and environmental regulations. <p>This price applies per square meter (m²) of finished coating, excluding any overlapping, measured by mutual agreement.</p>	m ²		
	<p>Kerbs type T2 (price 217b) This price covers the supply and installation of prefabricated T2 curbs made of concrete with a mix of 350 kg/m³, in accordance with the project plans.</p> <ul style="list-style-type: none"> - It includes: The necessary earthworks; The bedding and levelling concrete with a minimum thickness of 0.10 m; - Joints with cement mortar and all related requirements. <p>It applies per linear meter (lm) of prefabricated T2 curbs executed and resulting from the respective agreements.</p>	lm		
	<p>Reinforced concrete shallow gutters (cunettes) at 350Kg/m³ (price 230a) This price covers the construction of a reinforced concrete shallow</p>			

	<p>gutters in accordance with the standard plan. It includes: site preparation and layout:</p> <ul style="list-style-type: none"> - mechanical or manual excavation in all types of terrain according to the standard profile; - operations to bring to gauge and adjust the longitudinal slope; - removal and disposal of excess soil outside the right-of-way; - supply of materials, formwork, and reinforcements on site; - production of B 3 concrete; - placement of reinforcements and formwork; - concrete pouring, - compaction, smoothing, - and any necessary surface corrections, and all related work. <p>In the case of prefabrication, it includes the installation and jointing of prefabricated elements.</p> <p>This price applies to the length, in linear meters (lm), of reinforced concrete ditch actually constructed according to the agreed specifications.</p>			
300	DRIANAGE STRUCTURES			
	<p>Supply and placing of reinforced concrete culverts Ø300 (price 308a) This price covers the supply and installation of concrete culverts. It includes:</p> <ul style="list-style-type: none"> - the execution of foundation excavations according to the specifications of this CCTP, - any necessary shoring of the excavation if required, - the loading and disposal at a location approved by the Engineer, regardless of distance, of any excess or poor-quality excavation material, - the leveling and compaction of the excavation base to 90% of OPM, - the supply and, if necessary, installation of a 20 cm thick bedding layer of selected material compacted to 95% of OPM, - the supply of elements, bolts, and assembly accessories at the place of use, - the assembly and installation according to the profile determined in agreement with the Engineer, including leveling, any necessary bracing, and coating, - the supply and placement of foundation layer materials for performing the technical block in 20 cm layers compacted to 95% of OPM, and the backfilling above from the upper side at a height of half a diameter plus 10 cm, - the supply, transport, and spreading of water as necessary for 	lm		

	<p>moistening the materials for their application,</p> <ul style="list-style-type: none"> - and all contingencies. <p>This price applies to the length, in linear meters (lm), of concrete nozzle actually installed and measured jointly, the length being measured between the inner faces of the heads.</p>			
	<p>Construction of culvert chambers for Ø800 culverts (price 309a) This price covers the construction of an entrance manhole for a culvert in masonry with M 450 mortar in accordance with the standard plan and the specifications of this technical special provisions document (CCTP). It includes:</p> <ul style="list-style-type: none"> - the execution of foundation excavations, - any necessary shoring of the excavation if required, - the loading and disposal at a location approved by the Engineer, regardless of distance, of excess or poor-quality excavated material, - the leveling and compaction of the excavation base to 90% of the OPM, - the supply and placement of lean concrete B 0, - the construction of the manhole in masonry with mortar according to the standard plan, including all execution constraints such as shaping the stones, loading, transport, unloading at the work site, preparing the placement surface and installing the stones, and the supply and transport of cement, water, and sand, - the supply and placement of foundation layer materials to Backfilling of the excavation in 20 cm layers compacted to 95% of the Standard Proctor, - the supply, transport, and spreading of water if necessary for moistening the materials for their placement, - and all constraints. <p>This price applies to the unit (u) of completed inlet sump. Inlet sump of Ø 800 mm.</p>	u		
	<p>Construction of culvert heads for Ø800 culvert (price 310a) This price covers the construction of a masonry culvert head with M2 mortar in accordance with the standard plan and the requirements of this technical specification. It includes:</p> <ul style="list-style-type: none"> - the execution of foundation excavations, - any necessary shoring of the excavation if required, - the loading and disposal at a location approved by the Engineer, regardless of distance, of excess or poor-quality excavated material, - the leveling and compaction of the excavation base to 90% of the Standard Proctor Maximum (SPM), - the supply and placement of blinding concrete B0, 	u		

	<ul style="list-style-type: none"> - the construction of the head in masonry with mortar as per the standard plan, including all execution requirements such as shaping the stones, loading, transport, unloading on site, preparation of the laying surface, and placement of the stones, as well as the supply and transport of cement, water, and sand, - the supply and placement of foundation layer materials for the backfill of the excavation in 20 cm layers compacted to 95% of the Proctor Maximum Density, - the supply, transport, and spreading of water if necessary for moistening the materials for their implementation, - and all related constraints. <p>This price applies to the unit (u) of completed nozzle head.</p>			
	<p>Construction of 15x50x80 reinforced concrete V-gutters (price 311)</p> <p>This price covers the construction of a reinforced concrete ditch of 15x50x80 in accordance with the standard plan.</p> <p>It includes:</p> <ul style="list-style-type: none"> - site preparation and layout, - mechanical or manual excavation in all types of terrain according to the standard profile, - shaping and longitudinal slope adjustment operations, - removal and disposal of excess soil outside the project area, - supply of materials, formwork, and reinforcements on site, - production of B 3 concrete, placement of reinforcements and formwork, concrete installation, compaction, smoothing, and any necessary patching, - and all related requirements. <p>In the case of prefabrication, it includes the installation and jointing of prefabricated elements.</p> <p>This price applies to the length, in linear meters (lm), of concrete ditch actually executed and as resulting from the mutually agreed-upon attachments.</p>	lm		
500	<p>SIGNALISATION AND EQUIPEMENTS</p> <p>Vertical signalization board (price 518a)</p> <p>This task involves the supply and installation of A, AB, B, or C type reflective traffic signs as defined in Article II.8.1 of the CCTP.</p> <p>It includes:</p> <ul style="list-style-type: none"> - presentation of the approval certificate for the sign's retroreflective coating issued by an authorized body; - supply of the sign on-site, compliant with the Road Code requirements, along with its galvanized steel profile support measuring 40x80 cm and with a length between 1.30 and 2.50 m; 	u		

	<ul style="list-style-type: none"> - installation of the sign; - excavation in all types of soil; - implementation of the concrete B 1 foundation block, including a diamond-shaped protruding crest finished with mortar; - all handling, finishing, smoothing, adjustment, installation, and fixing on the support, as well as restoration of the surrounding area. <p>Quantities, to be paid per unit (u), to be considered will be those actually recorded through mutually agreed measurements and executed in accordance with the plans approved by the Engineer.</p>			
700	DISPLACEMENT OF NETWORKS			
	<p>Displacement of network (price 701) Relocation of AES SONEL-CDE-CAMTEL Networks</p> <p>This task involves relocating the AES SONEL - CDE - CAMTEL networks located within the site and installing them in the appropriate areas. It specifically includes:</p> <ul style="list-style-type: none"> - obtaining permission to relocate the networks; - all work to move the networks; - all work to reinstall the networks; - all related constraints. <p>This price will be paid as a lump sum. The lump sum (ls)</p>	ls		

DOCUMENT No. 7
DETAILED QUANTITY AND COST
ESTIMATE SCHEDULE

BILL OF QUANTITIES AND COST ESTIMATES FOR THE REHABILITATION OF SOME ROADS IN BAMBENDA I SUB DIVISION										
		HIGH COURT - COURT OF FIRST INSTANCE		0.40 Km						
		COURT OF FIRST INSTANCE - GRA ROAD		0.55 Km						
		ROAD INFRONT PIC OFFICE		0.35 Km						
		ROAD TO RDMINDEVEL		0.20KM						
				1.50 Km						
TOTAL LENGTH										
SN	DESCRIPTION	Unit	ST1	ST2	ST3	ST4	Total	Unit Price	Amount (FCFA)	
000	PRELIMINARY WORKS									
001	Site installation	Ft	0.25	0.25	0.25	0.25	1.00			
002	Mobilization to and demobilization of equipment from site	Ft	0.25	0.25	0.25	0.25	1.00			
003	Geotechnical and survey studies	Ft	0.25	0.25	0.25	0.25	1.00			
004	Execution program	Ft	0.25	0.25	0.25	0.25	1.00			
005	Demolition of reinforced concrete elements	m³	1.00	1.00	1.00	0.00	3.00			
006	Demolition of stone masonry elements	m³	1.00	1.00	1.00		3.00			
107	Control and supervision	Ft	0.25	0.25	0.25	0.25	1.00			
	SUB TOTAL 000									
100	CLEANING AND EARTHWORKS									
101	Bush clearing	m²	0.00	250.00	0.00	300.00	550.00			
103	Tree cutting	U	1.00	2.00	1.00	1.00	5.00			
104	Cut and throw	m³	10.00	30.00	0.00		40.00			
106a	Rock excavation	m³	0.00	70.00	0.00		70.00			
108a	Fill from borrow pit	m³	0.00	450.00	20.00	60.00	530.00			
113	Clearing of concrete and stone masonry gutters and culverts	ml	50.00	0.00	100.00	10.00	160.00			
124a	Scarification of existing earth road surface and moulding of platform	m²	800.00	4050.00	2800.00	1400.00	9050.00			

124b	Scarification of existing tarred road surface and moulding of platform	m ²				0.00				0.00		
	SUB TOTAL 100											
200	ROAD LAYERS (SUBGRADE, BASE COURSE...)											
208a	Foundation course in laterite	m ³	80.00	405.00	280.00	140.00				905.00		
209c	Base course in laterite	m ³	160.00	810.00	560.00	280.00				1810.00		
213b	Priming with Cut Back 0/1	m ²	3200.00	4050.00	2800.00	1600.00				11650.00		
214c	Execution of surface dressing in double-coating	m ²	3200.00	4050.00	2800.00	1600.00				11650.00		
214d	Execution of surface dressing in single-coating	m ²								0.00		
215	Priming for bituminous concrete in 400/600	m ²										
216b	Tarring with bituminous concrete 5cm	m ²										
217b	Kerbs type T2	ml	100.00	100.00						200.00		
230a	Reinforced concrete shallow gutters (cunettes) at 350Kg/m ³	ml	10.00	10.00						20.00		
	SUB TOTAL 200									0.00		
300	DRAINAGE STRUCTURES									0.00		
308a	Supply and placing of reinforced concrete culverts Ø800	ml			7.00					7.00		
309a	Construction of culvert chambers for Ø800 culverts	U			1.00					1.00		
310a	Construction of culvert heads for Ø800 culvert	U			1.00					1.00		
311	Construction of 15x50x80 reinforced concrete V-gutters	ml	400.00	340.00		200.00				940.00		
312g	Trapezoidal stone gutters (60x40x60)	ml								0.00		
314	Dry packing (enrochement)	m ³								0.00		
317c	Reinforced concrete U-gutters 40x40cm	ml			300.00					300.00		
317d	Construction of 15x50x60 cm reinforced concrete slabs across gutters	ml	10.00	10.00	10.00					30.00		
	SUB TOTAL 300											
	HYDRAULIC STRUCTURES											
401a	Reinforced concrete box culvert 2.5x2.0	ml	0.00	0.00						0.00		
401b	Reinforced concrete box culvert 3.0x3.0	ml								0.00		
402a	Reinforced concrete box culvert head 2.5x2.0	U	0.00	0.00						0.00		
402b	Reinforced concrete box culvert head 3.0x3.0	U								0.00		
407	Construction of hand rails with Ø50 galvanized pipes	ml								0.00		
413	Backfilling of box culvert	m ³								0.00		

SUMMARY TABLE

Series No.	Structures	Total price
100	Installation of site	
200	Clearing of the area of works and earthworks	
300	Pavements	
400	Drainage and various structures	

	Grand total of structures (CFA F EVAT)	
	VAT _____%	
	AIR	
	Grand total (CFA F ATI)	
	Net to be paid	

Approved this detailed quantities and estimates at the sum of (in words)
 CFA F ATI

Date and Signature

DOCUMENT No. 8
FRAMEWORK OF SUB-DETAIL OF PRICES