REPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie

MINISTERE DE LA DECENTRALISATION ET DU DEVELOPMENT LOCALE

REGION DU NORD-OUEST

DEPARTMENT DE LA MEZAM
COMMUNE DE BAMENDA I

Tel: 677 177 974 / 6 99 29 83 69
P.O BOX 4152
Website:bda1council.org
:mail : infobda1council@gmail.com
support@bda1council.com

REPUBLIC OF CAMEROON
Peace-Work-Fatherland

MINISTRY OF DECENTRALISATION AND LOCAL DEVELOPMENT

NORTH WEST REGION

MEZAM DIVISION

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BAMENDA I COUNCIL INTERNAL TENDERS BOARD

****

OPEN NATIONAL INVITATION TO TENDER

TENDER FILE

N°06/ONIT/ MINDDEVEL/BIC/BICITB/MEZAM/NWR/2024 OF 08/02/2024 FOR THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION.

PROJECT OWNER: **THE LORD MAYOR OF BAMENDA 1 COUNCIL.**

FINANCING: MINHDU Public Investment Budget of 2024

PROJECT TITLE	BUDGET HEAD
CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA	

FINANCIAL YEAR 2024

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Tender Notice

REPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie

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TENDER NOTICE

OPEN NATIONAL INVITATION TO TENDER

N° 06/ONIT/MINDDEVEL/ BIC/BICITB/MEZAM/NWR/2024 OF 08/02/2024 FOR THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION

Financing: MINHDU Public Investment Budget of 2024

1. Subject of the Invitation to Tender:

Within the framework of 2024 Public Investment Budget, the Lord Mayor Bamenda 1 Council, the Contracting Authority/the Project Owner, hereby launches an Open National Invitation to tender for the CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION

2. Nature of work:

Works to be done consist of

- Site installation;
- Preliminary work;
- General earthworks;
- Road works;
- Rainwater sanitation;
- Relocation of dealer networks

3. Execution deadline

The maximum deadline provided by the Delegated Contracting Authority for the execution of the works forming the subject of this Invitation to tender is **120 Days**

4. Lot

The works consist of a unique lot as follows: THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION

5. Estimated Cost

The estimated cost after preliminary studies is 70,000,000 (seventy millions) FCFA.

6. Participation and origin

Participation to this Invitation to Tender is opened to Cameroonian enterprises that are in compliance with the fiscal laws.

7. Financing

Works which form the subject of this Invitation to Tender shall be financed by the 2024 Public Investment Budget of MINHDU, budget heads No.....

8. Bid bond

Each bidder must include in his administrative documents, a bid bond issued by a first-rate banking establishment approved by the Ministry in charge of finance and whose list is found in document No. 12 of the Tender File, of an amount of **ONE MILLION FOUR HUNDRED THOUSAND FRANCS** FCFA (**1,400,000FCFA**) *and* valid for thirty (30) days beyond the date of validity of bids

9. Consultation of Tender File:

The file may be consulted during working hours at the Bamenda I Council (SIGAMP OFFICE) as soon as this notice is published.

10. Acquisition of Tender File:

The file may be obtained from the Bamenda I Council (SIGAMP OFFICE) as soon as this Notice is published against payment of the non-refundable sum of 80,000 CFA francs (eighty thousand Francs CFA), payable at the Bamenda I Council Treasury, representing the cost of purchasing the Tender File.

11. Submission of bids:

Each offer drafted in English or French in 07 (seven) copies including 01 (one) original and 06 (six) copies marked as such, should reach the Bamenda 1 council internal tenders board, (SIGAMP Office) not later than **07/03/2024 at 10:00 AM** local time and should carry the inscription:

<< OPEN NATIONAL INVITATION TO TENDER N°06/ONIT/MINDDEVEL/ BIC/BICITB/MEZAM/NWR/2024 OF 08/02/2024 FOR THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 100 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION >>

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

12. Admissibility of bids

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

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

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

13. Opening of bids:

The bids shall be opened in a single phase. The opening of the administrative documents, the Technical and Financial offers will take place on the **07/03/2024** At **11:00 AM** local time, in the conference hall of the Bamenda 1 Council, by the Bamenda 1 Council internal tenders board. Only bidders may attend or be represented by duly mandated persons of their choice who have knowledge about the bids.

14. Evaluation criteria

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

A. <u>Eliminatory criteria</u>

1. Absence or insufficient Bid Bond;
2. Non respect of 48 hours given for absence or non conformity of an element in the Administrative File
3. False declaration or falsified documents;
4. A bid with the external envelope carrying a sign or mark leading to the identification of the bidder;
5. Non-compliance with model bid bond
6. Incomplete bids
7. Absence of a quantified unit price;
8. Non respect of **75**% of essential criteria;
9. Financial capacity below 50% of the estimated cost
10. Change of a quantity in the Financial File

B. <u>Essential criteria</u>

As per the Circular Letter N0 000005/LC/INMAP/CAB of 26/12/2023 on Implementation of Categorization of Enterprises, only Categorized Enterprises who submit certified true copy of Attestation of Categorization of Enterprises are exempted from submitting in their Technical Files, related supporting documents relative to the

turnover, the references, own minimum technical and logistical means, permanent staff and head office location.

1- General presentation of tenders
2- Financial capacity
3- References of the company in similar achievements;
4- Quality of the personnel;
5- Technical organization of the works;
6- Safety measures on the site;
7- Logistics;
8- Attestation and report of site visit signed by the Contractor;
9- Special Technical Clauses initialed in all the pages and signed at the last page;

Special Administrative Clauses completed and initialed in all the pages and signed at the last page

15. Award

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

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

16. Validity of bids

Bidders will remain committed to their offers for sixty (60) days from the deadline set for the submission of tenders.

17. Complementary information

Complementary technical information may be obtained during working hours from the Bamenda 1 Council, Service de SIGAMP.

08 FEV 2024

Bamenda 1 Council the _____

The Lord Mayor

REPUBLIQUE DU CAMEROUN - REPUBLIC OF CAMEROON - BAMENDA I COUNCIL - MAYOR - MINISTERE DE DECENTRALISATION - MINISTRY OF DECENTRALIZATION - BAMENDA/NWE BAMENDA I SUB DIV

Mbigha Njah Felix

MAYOR
BAMENDA I COUNCIL

Copies:
- MINMAP
- ARMP
- Chairperson of B1 CITB
- MINDDEVEL
- Notice Boards
- File

REPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie

MINISTERE DE LA DECENTRALISATION ET DU DEVELOPMENT LOCALE

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AVIS D'APPEL D'OFFRES

N°06/AONO/MINDDEVEL/BIC/BICITB/MEZAM/2024 DU 08/02/2024 POUR LA CONSTRUCTION D'UN ENDUIT SUPERFICIEL EN TROIS COUCHES DE LA ROUTE MENANT A ATOGOLAH AU STADE D'ATOGPLAH ET FURNISSEZ DES CULVET RINGS DIAMETRES 800 ET 1000 POUR ENTRENTIEN LA ROUTE MUNICIPAL DANS LA COMMUNE DE BAMENDA I, DEPARTEMENT DE LA MEZAM, REGION DU NORD OUEST

Financement : BUDGET D'INVESTISSEMENT PUBLIC MINHDU(BIP) - EXERCICE 2024

1. Objet de l'Appel d'Offre

Dans le cadre de l'exercice budgétaire 2024, le maire de la Commune de Bamenda1, Autorité Contractante lance, un Appel d'Offres National Ouvert POUR LA CONSTRUCTION D'UN ENDUIT SUPERFICIEL EN TROIS COUCHES DE LA ROUTE MENANT A ATOGOLAH AU STADE D'ATOGPLAH ET FURNISSEZ DES CULVET RINGS DIAMETRES 800 ET 1000 POUR ENTRENTIEN LA ROUTE MUNICIPAL DANS LA COMMUNE DE BAMENDA I

2. Consistance des travaux

Les travaux comprennent notamment :

- L'installation de chantier ;
- Les travaux préliminaires ;
- Les terrassements généraux ;
- Les travaux de voirie;
- L'assainissement des eaux pluviales ;
- Le déplacement des réseaux des concessionnaires

3. Délais d'exécution

Le délai maximum prévu par le Maître d'Ouvrage Délégué pour la réalisation des travaux objet du présent appel d'offres est de cent vingt dix (**120**) jours

4. Allotissement

Les travaux sont constitués en **un** (**01**) lot ci-après défini :

CONSTRUCTION D'UN ENDUIT SUPERFICIEL EN TROIS COUCHES DE LA ROUTE MENANT A ATOGOLAH AU STADE D'ATOGPLAH ET FURNISSEZ DES CULVET RINGS DIAMETRES 800 ET 1000 POUR ENTRENTIEN LA ROUTE MUNICIPAL DANS LA COMMUNE DE BAMENDA I,

5. Coût prévisionnel

Le coût prévisionnel de l'opération à l'issue des études préalables est de soixante dix millions (70, 000,000) FCFA

6. Participation et origine

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

7. Financement

Les travaux objet du présent appel d'offres sont financés par le Budget d'Investissement Publics de MINHDU de l'exercice 2024 sur la ligne d'imputation budgétaires n^{os} .....

8. Cautionnement provisoire

Chaque soumissionnaire doit joindre à ses pièces administratives, une caution de soumission établie par une

banque de premier ordre agréée par le Ministère chargé des finances et dont la liste figure dans la pièce 12 du DAO, d'un montant de un millions quatre cent mille (1,400,000) FCFA et valable pendant trente 30 jours au-delà de la date originale de validité des offres.

9. Consultation du Dossier d'Appel d'Offres

Le Dossier d'Appel d'Offres peut être consulté et obtenu aux heures ouvrables à la Commune de Bamenda I, Service de SIGAMP

10. Acquisition du Dossier d'Appel d'Offres

Le dossier peut être obtenu aux heures ouvrables à la Commune de Bamenda I, Service de SIGAMP contre présentation d'une quittance de versement au Trésor de la commune de Bamenda I de la somme non remboursable de **quatre vingt mille (80,000) CFA**

11. Remise des offres

Chaque offre rédigée en français ou en anglais en sept (07) exemplaires dont un (01) original et six (06) copies marquées comme telles, devra parvenir contre récépissé à la commune de Bamenda premier, Service de SIGAMP Tél. : 676567533 au plus tard le 07/03/2024 à 10H00, heure locale et devra porter la mention suivante :

<<AVIS D'APPEL D'OFFRES NATIONAL OUVERT

N°06/AONO/MINDDEVEL/BIC/BICITB/MEZAM/2024 DU 08/02/2024 POUR LA CONSTRUCTION D'UN ENDUIT SUPERFICIEL EN TROIS COUCHES DE LA ROUTE MENANT A ATOGOLAH AU STADE D'ATOGPLAH ET FURNISSEZ DES 'CULVET RINGS' DIAMETRES 800 ET 1000 POUR ENTRENTIEN LA ROUTE MUNICIPAL DANS LA COMMUNE DE BAMENDA I, DEPARTEMENT DE LA MEZAM, REGION DU NORD OUEST>>

A N'OUVRIR QU'EN SEANCE DE DEPOUILLEMENT

12. Recevabilité des offres

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

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

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

13. Ouverture des plis

L'ouverture des plis se fera en un temps. L'ouverture des pièces administratives et des offres techniques et financières aura lieu **le** 07/03/2024 **à 11h00**, heure locale, dans la salle de conférence de la commune de Bamenda I par la Commission Interne de la Commune de Bamenda I, siégeant en présence des soumissionnaires ou de leurs représentants dûment mandatés et ayant une parfaite connaissance du dossier.

14. Critères d'évaluation

Les offres seront évaluées selon les principaux critères suivants :

A - Critères éliminatoires

Il s'agit notamment:

1- Absence ou insuffisant d'une caution de soumission;

2- Non respect de 48hrs pour l'absence d'un dossier Aministratif

3- Fausses déclarations ou pièces falsifiées;

4- Offres dont l'enveloppe extérieure porte des mentions permettant de reconnaître le Soumissionnaire;

5- Non-conformité du model de la caution de soumission

6- Offres incomplète,

7- Absence d'un prix unitaire quantifié ;

8- Le non-respect de **75%** des critères essentiels ;

9- Entreprise suspendue par le MINMAP

10-Capacité financière inferieur au 50% du cout prévisionnel.

B - Critères essentiels

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

Suivant LA Lettre Circulaire N0. 000005/LC/MINMA/CAB du 26/12/2023 relative a' la mise en œuvre de la

dispense, les soumissionnaires catégorisés de la production dans leurs dossiers techniques, des pièces justificative relative a' chiffre d'affaires, aux références, aux moyens techniques et logistiques propres minima, au personnel permanent et a' la localisation du siège.

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

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

15. Attribution

Cette évaluation se fera de manière purement positive (oui) ou négative (non) avec un minimum acceptable d'au moins **75%** de l'ensemble des critères essentiels pris en compte.

Le marché sera attribué au soumissionnaire qui aura proposé l'offre la moins disant, conforme pour l'essentiel aux prescriptions du Dossier d'Appel d'Offres, ayant satisfait à **100%** des critères éliminatoires et au moins **75%** des critères essentiels.

16. Durée de validité des offres

Les soumissionnaires restent engagés par leur offre pendant 60 jours à partir de la date limite fixée pour la remise des offres.

17. Renseignements complémentaires

Les renseignements complémentaires d'ordre technique peuvent être obtenus auprès de la Commune de Bamenda 1, Service de SIGAMP.

Fait à la Commune de Bamenda 1, le 08 FEV 2024

LE MAIRE

REPUBLIQUE DU CAMEROUN - REPUBLIC OF CAMEROON - BAMENDA I COUNCIL - MAYOR - BAMENDANKWE BAMENDA I - MINISTRY OF DECENTRALIZATION AND LOCAL DEVELOPMENT - MINISTERE DE DECENTRALISATION ET DU DEVELOPPEMENT LOCAL

Mbigha Njah Felix
MAYOR
BAMENDA I COUNCIL

Copie :
- MINMAP
- ARMP ;
- MINDDEVEL;
- Président B1CITB;
- Affichage.
- Chrono/Archive

DOCUMENT NO. 2:
GENERAL REGULATIONS OF THE INVITATION TO TENDER

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GENERAL RULES OF THE INVITATION TO TENDER

A. General

Article 1: Scope of the tender

1.1 The Contracting Authority as defined in the Special Regulations of the Invitation to Tender hereby launches an Invitation to tender for the works described in the Tender File and briefly described in the Special Regulations.

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

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

Article 2: Financing

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

Article 3: Fraud and corruption

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

a) The following definitions shall be admitted:

i) Shall be guilty of "corruption" whoever offers, gives, requests or accepts any advantage in view of influencing the action of a public official during the award or execution of a Contract;

ii) Is involved in "fraudulent manoeuvres" whoever deforms or distorts facts in order to influence the award or execution of a Contract;

iii) "Collusive practices" shall mean any form of agreement between two or among several bidders (whether the Contracting Authority is aware or not) aimed at artificially maintaining the prices of bids at levels not corresponding to those resulting from competition;

iv) "Coercive practices" shall mean any form of harm against persons or their property or threats against them in order to influence their action during the award or execution of a Contract.

b) Any proposed award shall be rejected if it is proved that the proposed preferred bidder is directly or through an intermediary, guilty of corruption or is involved in fraudulent manoeuvres, collusive or coercive practices for the award of this Contract.

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

Article 4: Candidates allowed to compete

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

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

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

(b) a bidder (including all members of a group of enterprises and all sub-Contractors to the bidder) must not be in a situation of conflict of interest, subject to disqualification. A bidder shall be judged to be in a situation of conflict of interest if he:

i) is or was associated in the past with an enterprise (or a subsidiary of this enterprise) which provided consultancy services for the conception, preparation of specifications and other documents used within the scope of Contracts awarded for this Invitation to Tender; or

ii) Presents more than one bid within the context of Invitation to Tender, except authorised variants according to article 17, where need be; meanwhile, this does not prevent the participation of sub-Contractors in more than one bid.

iii) The Contracting Authority or Project Owner has financial interests in the capital in a way as to compromise the transparency of the procedures of award of Public Contracts.

(c) The bidder must not have been excluded from bidding for Public Contracts.

(c) A Cameroonian public enterprise may participate in the consultation if it can demonstrate that it is (i) legally and financially autonomous, (ii) managed according to commercial laws and (iii) not under the direct supervisory authority of the Contracting Authority or Project Owner.

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

5.1 Building materials, the Contractor's materials, supplies, equipment and services forming the subject of this Contract must originate from countries meeting the criteria of origin defined in the Special Regulations of the Invitation to tender and all expenditure done within the context of the Contract shall be limited to the said building materials, materials, supplies, equipment and services.

5.2 Within the meaning of this 5.1 above, the term "originate" shall designate the place where the goods are extracted, cultivated, produced, manufactured and from where the services originate.

Article 6: Qualification of bidder

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

(a) submit a power of attorney making the signatory of the bid bound by the bid; and

(b) provide all information (complete or update information included in their request for pre-qualification which may have changed in the case where the candidates took part in pre-qualification) requested of bidders in the Special Regulations of the Invitation to Tender, in order to establish their qualification to execute the Contract.

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

(i) The production of certified balance sheets and recent turnovers;

(ii) Access to a line of credit or availability of other financial resources;

(iii) Orders acquired and Contracts awarded;

(iv) Pending litigations;

(v) Availability of indispensable equipment.

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

(a) The bid must include all the information listed in article 6(1) above. The Special Regulations must indicate the information to be furnished by the group and that to be furnished by each member of the group;

(b)The bid and the Contract must be signed in a way that is binding on all members of the group;

(c) The nature of the group (joint or several) must be specified in the Special Regulations and justified with the production of a joint venture agreement in due form;

(d)The member of the group designated as the representative will represent all the undertakings vis à vis the Project Owner and Contracting Authority with regard to the execution of the Contract;

(e) In case of joint co-Contracting, the co-Contractors shall share the sums which are paid by the Project Owner into a single account. On the other hand, each undertaking is paid into its own account by the Project Owner where it is joint co-Contracting.

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

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

Article 7: Visit of works site

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

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

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

B. Tender File

Article 8: Content of Tender File

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

Document No. 1. The tender notice;
Document No. 2. The General Regulations of the Invitation to Tender;
Document No. 3. The Special Regulations of the Invitation to Tender;
Document No. 4. The Special Administrative Conditions;
Document No. 5. The Special Technical Conditions;
Document No. 6. The schedule of unit prices;
Document No. 7. The bill of quantities and estimates;
Document No. 8. The sub details of unit prices;
Document No. 9. Model documents of the Contract:

a. The execution schedule;
b. Model of forms presenting the equipment, personnel and references;
c. Model bidding letter;
d. Model bid bond;
e. Model final bond;
f. Model of bond of start-off advance;
g. Model of guarantee in replacement of the retention fund;
h. Model Contract;

Document No. 10. Models to be used by bidders;

a. Model Contract;

Document No. 11. Justifications of preliminary studies; to be filled by the Project Owner or Delegated Project Owner;

Document No. 12. List of first grade banking establishments or financial institutions approved by the Minister in charge of Finance authorised to issue bonds for Public Contracts to be inserted by the Contracting Authority.

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

Article 9: Clarifications on the Tender File and complaints

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

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

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

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

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

Article 10: Amendment of the Tender File

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

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

10.3 In order to give bidders sufficient time to take account of the addendum in the preparation of their bids, the Contracting Authority may postpone as is necessary, the deadline for the submission of bids, in accordance with provisions of article 22 of the General Regulations of the Invitation to Tender.
10.4

C Preparation of bids

Article 11: Tender costs

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

Article 12: Language of bid

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

Article 13: Constituent documents of the bid

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

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

It includes:

i) all documents attesting that the bidder:
- has subscribed to all declarations provided for by the laws and regulations in force;
- paid all taxes, duties, contributions, fees or deductions of whatever nature;
- is not winding up or bankrupt;
- is not the subject of an exclusion order or forfeiture provided for by the law in force;

ii) The bid bond established in accordance with the provisions of article 17 of the General Regulations of the Invitation to Tender;

iii) the written confirmation empowering the signatory of the bid to commit the bidder, in accordance with the provisions of article 6(1) the General Regulations of Invitation to Tender.

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

B.1 Information on qualifications

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

B.2 Methodology

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

B.3 Proof of acceptance of conditions of the Contract

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

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

B.4 Commentaries (optional)

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

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

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

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

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

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

Article 14: Bid price

14.1 Except otherwise stated in the Tender File, the amount of the Contract shall cover all the works described in article 1.1 of the General Regulations of the Invitation to Tender, on the basis of the price schedule and the detailed bill of quantities and estimates presented by the bidder .

14.2 The bidder shall fill the unit prices and totals of all items on the schedule and bill of quantities and estimates.

14.3 Subject to contrary provisions provided for in the Special Regulations and in the Special Administrative Conditions, all dues, taxes and fees payable by the bidder on grounds of the Contract or on any other ground, thirty (30) days prior to the submission of the bids, shall be included in the prices and in the total amount of the bid presented by the bidder.

14.4 If a price revision/updating clause is provided for in the Contract, the date of establishment of the initial price, as well as the price revision/updating conditions for the said price must be specified. This is with the understanding that any Contract of duration less than one (1) year shall not be subject to price revision.

14.5 All unit prices must be justified by sub-details established in accordance with the structure proposed in document 8 of the Tender File.

Article 15: Currency of bid and payment

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

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

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

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

b) The exchange rates used by the bidder to convert his bid into the national currency shall be specified by the bidder in an annex to the bid in compliance with the specifications of the Special Regulations. These rates shall be applied for any payment within the framework of the Contract so that the retained bidder does not bear any change in the exchange rate.

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

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

(a) The prices of inputs necessary for the works which the bidder intends to procure in the Contracting Authority's country shall be in currency of the Contracting Authority's country specified in the Special Regulations and called "national currency";

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

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

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

Article 16: Validity of bids

16.1 Bids must remain valid during the period stated in the Special Regulations from the date of submission of the bids fixed by the Contracting Authority, in application of article 22 of the Special Regulations. A bid valid for a shorter period shall be rejected by the Contracting Authority or Delegated Contracting Authority as not being in compliance.

16.2 Under exceptional circumstances, the Contracting Authority may seek the approval of bidders to extend the validity time-limit. The request and the responses that will be given shall be in writing (or by fax). The validity of the bid bond provided for in article 17 of the General Regulations shall equally be extended for a corresponding duration. A bidder may refuse to extend the validity of his bid without losing his bid bond. A bidder who consents to an extension shall not be asked to modify his bid nor shall he be authorised to do so.

16.3 Where the Contract does not include a price revision clause and that the period of validity of bids is extended by more than sixty (60) days, the amounts payable to the bidder retained shall be updated by application of the related formula featuring in the request for extension that the Contracting Authority addressed to bidders.

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

Article 17: Bid bond

17.1 In application of article 13 of the General Regulations, the bidder shall furnish a bid bond of the amount specified in the Special Regulations and which bid bond shall be a full part of his bid.

17.2 The bid bond must conform to the model presented in the Tender File; other models may be authorised subject to the prior approval of the Contracting Authority. The bid bond will remain valid for thirty (30) days beyond the original date set for the validity of bids or any other validity time-limit requested by the Contracting Authority and accepted by the bidder, in accordance with the provisions of article 16 (2) of the General Regulations.

17.3 Any bid without an acceptable bid bond shall be rejected by the Tenders Board as not in conformity. The bid bond of associated enterprises must be established in the name of the group submitting the bid and mention each member of the associated grouping.

17.4 The bid bonds of bidders who are not retained shall be returned within fifteen (15) days after publication of the award result.

17.5 The bid bond of the successful bidder shall be released as soon as the latter would have signed the Contract and furnished the required final bond.

17.6 The bid bond may be seized:

(a) if the bidder withdraws his bid during the period of validity;

(b) If the retained bidder:

i) fails in his obligation to register the Contract in application of article 38 of the General Regulations;

ii) fails in his obligation to furnish the required final bond in application of article 38 of the General Regulations;

iii) Refuses to receive notification of the Administrative Order to commence execution.

Article 18: Varying proposals of bidders

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

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

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

Article 19: Preparatory meeting to the establishment of bids

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

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

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

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

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

Article 20: Form and signature of bid

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

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

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

D. SUBMISSION OF BIDS

Article 21: Sealing and marking of bids

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

21.2 The external and internal envelopes:

a) Should be addressed to the Contracting Authority at the address indicated in the Special Regulations;

b) should bear the name and identification number of the project as indicated in the Special Regulations and bear the inscription "***TO BE OPENED ONLY DURING THE BID-OPENING SESSION***" as specified in the Special Regulations.

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

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

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

22.1 The bids must be received by the Contracting Authority at the address specified in article 21(2) of the Special Regulations not later than the date and time stated in the Special Regulations.

22.2 The Contracting Authority may, at his discretion, postpone the deadline set for the submission of the bids by publishing an addendum in accordance with the provisions of article 10 of the General Regulations. In this case, all the rights and obligations of the Contracting Authority and bidders previously governed by the initial date will henceforth be governed by the new date.

Article 23: Late bids

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

Article 24: Modification, substitution and withdrawal of bids

24.1 A bidder may modify or withdraw his bid after submitting it, on condition that the written notification of the modification or withdrawal is received by the Contracting Authority prior to the end of the time-limit prescribed for the submission of the bids. The said notification must be signed by an authorised representative in application of article 20(2) of the General Regulations. The modification or the corresponding replacement bid must be attached to the written notification. As the case may be, the envelopes must bear the inscription **"WITHDRAWAL"**, and "**REPLACEMENT BID**" or "**MODIFICATION"**.

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

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

24.4 No bid may be withdrawn during the interval between the submission of bids and the expiry of the validity of bids specified by the model tender. The withdrawal of a bid by a bidder during this interval may lead to the confiscation of the bid bond in accordance with the provisions of article 17(6) of the General Regulations.

E. Opening of envelopes and evaluation of bids

Article 25: Opening of envelopes and petitions

25.1 The Mezam Tenders Board shall open the envelopes in single or double phases and in the presence of the representatives of bidders who wish to attend at the date, time and address specified in the Special Regulations. Representatives of bidders shall sign a register attesting to their presence.

25.2 Firstly, envelopes marked "**withdrawal**" shall be opened and the contents announced to the hearing of everyone, while the envelope containing the corresponding bid shall be returned to the bidder unopened. Withdrawal shall be allowed only if the corresponding notification contains a valid empowerment of the signatory to request this withdrawal and if this notification is read to the hearing of everyone. Then the envelopes marked "**Replacement** bid" are opened and announced to the hearing of everyone and the new corresponding bid substituted for the preceding one which will be sent to the bidder concerned unopened. The replacement of the bid shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the replacement and read to the hearing of everyone. Lastly, the envelopes marked "**modification**" shall be opened and their contents read to the hearing of everyone with the corresponding bid. The modification of the bid shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the modification and read to the hearing of everyone. Only bids which were opened and announced to the hearing of everyone during the opening of bids shall then be evaluated.

25.3 All envelopes shall be opened successively and the name of the bidder announced aloud as well as the possible modification mentioned, the price offered, including any rebates [*in case of opening of financial bids*] and any variant, where necessary, the existence of a guarantee of the bid if it is required and any other details which the Contracting Authority deems useful to be mentioned. Only rebates and variants of bids announced to the hearing of everyone during the opening of bids shall be submitted for evaluation.

25.4 Bids (and modifications received in accordance with the provisions of article 24 of the General Regulations) which were not opened and read to the hearing of everyone during the bid-opening session for whatever reason, shall not be submitted for evaluation.

25.5 Bid-opening minutes are recorded on the spot mentioning the admissibility of bids, their administrative regularity, prices, rebates and time-limits as well as the composition of the Evaluation sub-committee. A copy of the said minutes to which is attached the attendance sheet is handed over to all the participants at the end of the session.

25.6 At the end of each bid-opening session, the chairperson of the Tenders Board immediately hands over to the focal point designated by the body in charge of regulation of Public Contract an initialled copy of the bids presented by bidders.

25.7 In case of petition as provided for by the Public Contracts Code, it should be addressed to the Minister Delegate in charge of Public Contracts with a copies to the body in charge of the regulation of Public Contracts, the head of structure to which is attached the Tenders Board concerned.

It must reach within a maximum deadline of three (3) working days after the opening of bids in the form of a letter to which is obligatorily attached a sheet of the petition form duly signed by the petitioner and possibly by the chairperson of the Tenders Board.

The Independent Observer attaches to his report the sheet that was handed to him, including any related commentaries or observations.

Article 26: Confidential nature of the procedure

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

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

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

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

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

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

Article 28: Determination of compliance of bids

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

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

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

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

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

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

Article 29: Qualification of the bidder

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

Article 30: Correction of errors

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

(a) where there is an incoherence between the unit price and the total obtained by multiplying the unit price by the quantity, the unit price being authentic, the total price shall be corrected, unless the Evaluation sub-committee judges that it is a gross error of decimal point in the unit price in which case the total price as presented shall be authentic and the unit price corrected.

(b) If the total obtained by addition or subtraction of the totals is not exact, the sub totals shall be considered authentic and the total corrected.

(c) Where there is a difference between the price indicated in letters and in figures, the amount in letters shall be considered authentic, unless the amount is linked to an arithmetical error confirmed by the sub-detail of the said price, in which case the amount in figures shall prevail subject to paragraphs (a) and (b) above

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

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

Article 31: Conversion into a single currency

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

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

Article 32: Evaluation and comparison of financial bids

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

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

a) By correcting any possible error in accordance with the provisions of article 30.2 of the General Regulations;

b) By excluding projected sums and where necessary provisions for unforeseen occurrences featuring in the bill of quantities and estimates but by adding the amount of works done under State supervision where they are costed in a competitive manner as specified in the Special Regulations.

c) By converting into a single currency the amount resulting from the rectifications (a) and (b) above, in accordance with the provisions of article 31(2) of the General Regulations;

d) By appropriately adjusting any other modification, divergence or quantifiable reservation on technical or financial basis.

e) By taking into consideration the various execution time-limits proposed by the bidders, if they are authorised by the Special Regulations;

f) If need be, in accordance with the provisions of article 13(2) of the General Regulations and the Special Regulations by applying the rebates offered by the bidder for the award of more than one lot, if this Invitation to Tender is launched simultaneously for several lots.

g) If need be, in accordance with the provisions of article 18(3) of the Special Regulations and the Technical Specifications, the proposed technical variants, if they are permitted, shall be evaluated on their own merit and independently of the fact that the bidder offered or not a price for the technical solution specified by the Contracting Authority in the Special Regulations.

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

32.4 If the bid judged the lowest bid is considered abnormally low or strongly unbalanced in relation to the estimates of the Project Owner for the works to be executed in this Contract, the Tenders Board may, from the sub-details of prices furnished by the bidder for any element or all the elements of the bill of quantities and estimates, verify if these prices are compatible with the construction methods and proposed calendar. In the case where the justifications presented by the bidder are not satisfactory, the Contracting Authority may reject the bid after the technical opinion of the Public Contracts Regulatory Agency.

Article 33: Preference granted national bidders

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

Article 34: Award

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

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

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

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

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

Article 36: Notification of award of the Contract

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

Article 37: Publication of results of award and petitions

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

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

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

37.4 In case of petition, it should be addressed to the Public Contracts Authority, with copies to the body in charge of the regulation of Public Contracts, the Contracting Authority and the chairperson of the Tenders Board concerned. It must take place within a maximum deadline of five (5) working days after the publication of the results.

Article 38: Signing of the Contract

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

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

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

Article 39: Final Bond

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

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

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

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

DOCUMENT No. 3: SPECIAL REGULATION OF THE INVITATION TO TENDER (SRIT)

Special regulations of the Invitation to Tender

	References of the General regulations	General
	1	**Definition of works:** THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION **Name and address of the Contracting Authority:** , The Lord Mayor of Bamenda1 Council, Contracting Authority **Reference of Invitation to Tender:** N° 06/ONIT/MINDDEVEL/BIC/BICITB/MEZAM/ NWR/2024 OF 08/02/2024
	2	Execution deadline: 120 days
	3	**Source of financing** Works which form the subject of this Invitation to Tender is financed by the 2024 Public Investment Budget of the MINHDU, budget head No. ……..
	4	List of pre-qualified candidates, not applicable
	5.	Origin of building materials, equipment, materials and supplies: The materials will generally be from natural sources in Cameroon.

6. Evaluation criteria

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

A. Eliminatory criteria

1. Absence or insufficient Bid Bond;
2. Non respect of 48 hours given for absence or non conformity of an element in the Administrative File
3. False declaration or falsified documents;
4. A bid with the external envelope carrying a sign or mark leading to the identification of the bidder;
5. Non-compliance with model bid bond
6. Incomplete bids
7. Absence of a quantified unit price;
8. Non respect of **75**% of essential criteria;
9. Financial capacity below 50% of the estimated cost
10. Change of a quantity in the Financial File

B. Essential criteria

<<As per the Circular Letter N0 000005/LC/MINMAP/CAB of 26/12/2023 on Implementation of Categorization of Enterprises, only Categorized Enterprises who submit certified true copy of Attestation of Categorization are exempted from submitting in their Technical Files, related supporting documents on the turnover, the references, own minimum technical and logistical means, permanent staff and head office location>>.

10-General presentation of tenders

11-Financial capacity

12-References of the company in similar achievements;

13-Quality of the personnel;

14-Technical organization of the works;

15-Safety measures on the site;

16-Logistics;

17-Attestation and report of site visit signed by the Contractor;

18-Special Technical Clauses initialed in all the pages and signed at the last page;

19-Special Administrative Clauses completed and initialed in all the pages and signed at the last page.

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

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

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

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

ARTICLE 6: Language of the bids:

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

PRESENTATION OF THE BID

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

A) Administrative Documents

B) Technical Documents<< As per the Circular Letter N0 000005/LC/MINMAP/CAB of 26/12/2023 on Implementation of Categorization of Enterprises, only Categorized Enterprises who submit certified true copy of Attestation of Categorization are exempted from submitting in their Technical Files, related supporting documents on the turnover, the references, own minimum technical and logistical means, permanent staff and head office location>>

C) Financial Documents

5.1 External envelope.

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

<< OPEN NATIONAL INVITATION TO TENDER

N° 06/ONIT/MINDDEVEL/BIC/BICITB/MEZAM/NWR /2024 OF 08/02/2024 FOR THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION

"TO BE OPENED ONLY DURING THE BID OPENING SESSION"

8.2 Internal envelopes

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

The first internal envelope shall be labeled;

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

ADMINISTRATIVE DOCUMENTS;

THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD.

)OC N°	DESCRIPTION
A.1	Certified Copy of the Business Registration, not older than three months.
A.2	Declaration of intention to tender stamped with the tariff in force (see sample document).
A.3	Certificate of non-bankruptcy established by the Court of 1st instance or the Chamber Commerce, Industry and Trade of the place of residence of the bidder, not older than three (03) months.
A.4	Attestation of bank account of the bidder, issued by a first rate-bank approved by the Ministry in charge of Finance or by a foreign bank the first order not older than three months.
A.5	Purchase receipt of Tender File issued by Bamenda I council treasury of 80,000 FCFA
A.6	A bid bond of **1,400,000 FCFA** (one millions four hundred thousands FCFA) issued by a first rate-bank approved by the Ministry in charge of Finance in conformity with COBAC conditions
A.7	An attestation of non-exclusion from Public Contracts issued by the Public Contract Regulatory Board (ARMP)
A.8	An Attestation of the National Social Insurance Fund stating that the bidder has met all his obligations vis a vis the Fund; the attestation should be valid within the specified time
A.9	A valid Certificate of imposition certified by the chief of center for taxation
A.10	Business License (photocopy certified by the chief of center of Taxes, not more than three months).

A.11	Certified Copy of a valid taxpayers card, delivered by the chief of center of Taxes.
A.12	A Clearance Certificate signed by the chief of Centre of Taxes that the bidder has met all the statutory declarations in issues of taxes in the current financial year; this certificate should not be more than three months old.
A 13	Plan and attestation of site location of the enterprise
A 14	Power of attorney if necessary
A 15	Group agreement if need be

The second Internal Envelope shall be labeled **<<ENVELOPE B: TECHNICAL DOCUMENT FOR THE** CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD >> and shall contain the following:

<< As per the Circular Letter N0 000005/LC/MINMAP/CAB of 26/12/2023 on Implementation of Categorization of Enterprises, only Categorized Enterprises who submit certified true copy of Attestation of Categorization are exempted from submitting in their Technical Files, related supporting documents on the turnover, the references, own minimum technical and logistical means, permanent staff and head office location>>

B.1	**General presentation of the Tender Files**		
- Document spirally bound			
- Table of content page			
- Colour sheets separation			
-page numbering			
- neatness and clarity of documents			
- Presentation of documents in the order given in this tender file			
B.2	**LIST OF REFERENCES OF THE ENTERPRISE IN SIMILAR JOBS**		
B.2.1	List of references of the enterprise in similar jobs justified by certified Contracts (first and last pages) and certified minutes of acceptance or attestation of clearances of works executed. Minimum acceptable: **02** Contracts realized in the domain of road construction works over the past 05 years		
	1st Reference		
	2nd reference		
B.3	**QUALIFICATION AND EXPERIENCE OF SUPERVISORY STAFF**		
B.3.1	**works supervisor (at least Bachelor Degree or equivalent certificate) in civil or rural Engineering**		
	Qualification of the works supervisor: (Bachelor Degree certificate in Civil Engineering (BAC +3)		
	Professional experience of the project engineer ≥ 05 years (signed CV)		
	- CV signed by the candidate,		
	- A certified copy of the technical diploma		
	- An Attestation of presentation of original of the technical diploma		
	- An attestation of availability signed by the candidate		
	- Certified copy of ID card		
B.3.2	**Site foreman(Civil Engineering Senior Technician)**		
	Qualification of the Site foreman: (Senior Technician certificate in Civil Engineering (BAC +2 or equivalent certificate)		
	Professional experience of the Site foreman ≥ 03 years (signed CV) - CV signed by the candidate,		
	- A certified copy of the technical diploma		
	- An attestation of availability signed by the candidate		
	- Certified copy of ID card		
B.3.3	**technical personnel**		

3.3.1	01 TOPOGRAPHER(at least BAC +2)with 3 years professional experience in road construction (CV, certified ID Card and Technical Diploma)		
3.3.2	01 Geotechnical Engineer (at least BAC +2)with 3 years professional experience in road construction (**CV, certified ID Card and Technical Diploma)**		
B.4	**TECHNICAL PROPOSALS**		
B.4.1	Organigram of the project (Specify names of the personnel handling the various functions)		
B.4.2	Logical sequence for the execution of the task		
B.4.3	Quality control method		
B.4.4	Environmental protection measures		
B.4.5	Security and safety at the site		
B.4.6	Duration of execution in respect with the Tender File		
B.4.7	Attestation of site visit signed by the Contractor		
B.4.8	Comprehensive report of site visit signed by the company administrator and justified by photos		
B.5	**LOGISTICS (Equipment put aside for this project)**		
B.5.1	Prove of ownership or rental of a pick-up or other van		
B.5.2	Prove of ownership or rental of a dump truck		
B.5.3	Prove of ownership or rental of a water tanker		
B.5.4	Prove of ownership or rental of a Concrete mixer		
B.5.5	Prove of ownership or rental of a bulldozer		
B.5.6	Prove of ownership or rental of a compacting machine		
B.5.7	Prove of ownership or rental of a binder spreader		
B.5.8	Minimum small kits, laboratory/topography equipments: Wheelbarrows, shovels, pickaxes, **balance, proctor mold, membrane densitometer,** distant meter etc.		
B.6	**FINANCIAL CAPACITY**		
B.6.1	An attestation of financial capacity (solvency) of the enterprise issued by a 1st class bank located in any area in Cameroon and approved by the Ministry of Finance and respect COBAC conditions.		
B.7	Special Technical Clauses initialed in all the pages and last page signed		
B.8	Special Administrative Clauses completed and initialed in all the pages and last page signed		

ENVELOPE C- FINANCIAL FILE

).	**DESIGNATION.**
	A submission letter, signed, dated and franked
2	Completed and signed frame work of unit prices.
3	Signed Bills of quantities and cost estimates indicating the total amount without taxes (HT) and with taxes (TTC)
4	Sub details of unit prices initialed in all pages and last page signed

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

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

- The bidders will use for this purpose the documents and models envisaged in the Tender Documents, subject to the provisions of Article 19.2 of the RGAO concerning the other possible forms of bid bond.
- The various parts of the same file must be separated with colour guides from as well in the original as in the copies, so as to facilitate its examination

Supply price

ARTICLE 8: Currency of payment

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

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

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

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

ARTICLE 9: Transport and delivery

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

ARTICLE 10: Guarantee and retention guarantee

10.1 Provisional guarantee

The amount of the provisional guarantee or guarantee of tender is fixed at _____ (FCFA).

The time of validity of this guarantee is sixty (60) days as from the date of depositing of the offers.

10.2 Final Bond

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

It could be replaced by a guarantee personal and interdependent of a banking house approved by the Ministry of Finances following COBAC conditions.

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

10.3 Guarantee Retention

Guarantee Retention of ten percent (**10%**) will be operated on amount including all taxes of the Contract. The corresponding sum will be paid or released with the final acceptance of work and upon demand by the contractor.

ARTICLE 11: Period of validity of the offers

The bidder will remain committed to his offer for sixty (60) days as from the handover date of the offers.

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

ARTICLE 12: The number of copies of the offer which must be filled and sent

The tender, as all the parts accompanying it will have to be given in seven (0 7) copies, including one (01) original and six (06) copies. The bidder will present his file inside a sealed outer jacket being marked:

<< OPEN NATIONAL INVITATION TO TENDER N° 06/ONIT/MINDDEVEL/BIC/BICITB/MEZAM/NWR/2024 OF 08/02/2024 FOR THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION>>

TO BE OPENED ONLY DURING THE BID OPENING SESSION»

ARTICLE 13: Date and latest time of deposit of offers

The offers will have to arrive under closed fold and seal latest 07/03/2024 **at 10: AM**, by mail registered with acknowledgement of delivery or by deposit against receipt to the following address:

BAMENDA 1 COUNCIL OFFICE
SIGAMP OFFICE
TEL.: 676567533

Beyond this time no offer will be received nor accepted.

ARTICLE 14: Opening of the tenders

The opening of the folds will be carried out in the conference room of the Bamenda I Council on 07/03/2024 **as from 11:00 AM,** by the Bamenda I Council internal tenders board sitting in the presence of the duly elected bidders or their representatives and having a good knowledge of the file.

AWARD OF THE CONTRACT

ARTICLE 15: Award of the Contract

The Tenders Board will propose to the Contracting Authority to award the Contract to the bidder who will have presented the offer with the lowest offer, essentially conforming to the regulations the Tender File, having satisfied to **100% of all the eliminatory criteria and at least 75% of the essential criteria** taken into account.

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

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

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

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

ARTICLE 16: COMMENCEMENT OF WORK:

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

- The Contracting Authority or his rep
- Contract Engineer or his rep
- DDMINMAP MEZAM or rep
- PROJECT MANAGER or Rep
- DD MINHDU MEZAM or Rep
- DDMINEPAT or his rep
- CTS BAMENDA 1 OR HIS REP
- Contractor or his rep

DOCUMENT No. 4: SPECIAL ADMINISTRATIVE CONDITIONS (SAC)

Table of content

Chapter I: General

Article 1: Subject of Contract

The subject of this Contract is THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION.

Article 2: Contract award procedure

This Contract shall be awarded by Open National Invitation to Tender N° 06/ONIT/MINDDEVEL/ BIC/ BICITB/MEZAM/NWR /2024 OF 08/02/2024

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

3.1 *General definitions*

- The Contracting Authority is the **Lord Mayor of Bamenda 1 Council**
  He/she awards the Contract, ensures the preservation of originals of said Contract documents and the transmission of copies to Ministry in charge of Public Contracts and to the body in charge of regulation.
- The Contract Engineer is the **Divisional Delegate of MINHDU for Mezam** hereinafter referred to as the Engineer.
- The Project **Owner is the Lord Mayor of Bamenda1 Council**. He represents the beneficiary administration of the works.
  He ensures respect of the administrative, technical and financial conditions and Contractual deadlines.
- The **Project Manager** is the **CDO of the Bamenda 1 Council.**
  He ensures the interest of the project owner at the definition, preparation, execution and acceptance stages
- The Authority in charge of regular control to ensure the respect of this Jobbing Order is the DDMINMAP for Mezam
- The Contractor shall be *[to be specified]*.

3.2 *Security*

This Contract may use security subject to any form of transfer of the debt.
In this case:

- The authority in charge of ordering payment is *the* **Lord Mayor of Bamenda1 Council**
- The authority in charge of the clearance of expenditures is *the* **Specialised Finance Controller Bamenda City Council**
- The body or official in charge of payment is *the* **MT Bamenda I**
- The official competent to furnish information within the context of execution of this Contract is *the* MINMAP/BAMENDA I

3.3 Duties of the Control Mission, Project Manager

3.3.1 Missions *[to be completed, where need be]*

3.3.2 Means put at the disposal of the Control Mission [to *be completed where need be]*.

Article 4: Language, applicable law and regulation

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

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

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

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

The constituent Contractual documents of this Contract are in order of priority: *(to be adapted to the nature of the works)*.

1) The tender or commitment letter;
2) The bidder's tender and its annexes in all provisions not contrary to the Special Administrative Conditions (GAC) and the Special Technical Conditions (STC) hereunder;
3) The Special Administrative Conditions (SAC);
4) The Special Technical Conditions (STC);

5) The particular elements necessary for the determination of the Contract price, such as, in order of priority: the unit price schedule, the statement of all-in prices, detailed estimates, the breakdown of all-in prices and the sub-details of unit prices;
6) Plans, calculation notes, trial documents, geotechnical documents *[insert and indicate, where need be, names and references].*
7) The General Administrative Conditions applicable on public works Contracts that went into effect by Order No. 033/CAB/PM of 13 February 2007;
8) The General Technical Condition(s) applicable on the services forming the subject of the Contract *[inserts and indicates, where need be, names and references].*

Article 6: General instruments in force

This Contract shall be governed by the following general instruments *[to be adapted according to the case]*:

1. *Framework Law No. 96/12 of 5th August 1996 on the management of the environment;*
2. *The Mining Code;*
3. *Instruments governing the various professional bodies;*
4. *Decree No. 2002/058 of 23rd February 2002 relating to the setting up, organization and functioning of the Public Contracts Regulatory Agency*
5. *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;*
6. *Decree No. 2018/366 of 20th June 2018 to institute the Public Contracts Code;*
7. *Decree No. 2022/074 of 8th March 2022 relating to the creation, organisation and functioning of Tenders Boards amended and supplemented by Decree No. 2023/271 of 5 August 2023;*
8. *Decree No. 2022/075 of 8th March 2022 to organise the Ministry in charge of Public Contracts;*
9. *Circular No. 002/CAB/PR of 19th June 2022 relating to the award and control of execution of Public Contracts;*
10. *Letter No; 00908/MINJEC/DR of 1997 to publish guidelines for the consideration of environmental impact of road maintenance;*
11. *Circular [to be indicated as applicable] relating to the execution, and control of execution of the budget of the State, Public Administrative Establishments and Regional and Local Authorities and other bodies receiving government subsidies*
12. *Unified Technical Documents (DTU) for building works;*
13. *Applicable standards;*
14. *Other instruments specific to the domain concerned with the Contract.*

Article 7: Communication (Articles 6 and 10 supplemented)

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

a) In the case where the Contractor is the addressee: Sir/Madam.....
Beyond the time-limit of 15 days fixed in article 6(1) of the GAC to make his domicile known to the Project Owner and Contract Manager, correspondences shall be validly addressed to the [*to the specified*] council, chief town of the
Region in which the work was done;

b) In the case where the Project Owner is the addressee:
Sir/Madam_____ [*to be specified*] with a copy addressed to the Contracting Authority, Contract Manager, Contract Engineer, Project Manager and where need be, within the same deadline.

c) In the case where the Contracting Authority is:
Sir/Madam [*to be specified*] with a copy addressed within the same deadline to the Project Owner, Contract Manager, Contract Engineer and Project Manager, where applicable

1.2 The Contractor shall address all written notifications or correspondences to the Project Manger with a copy to the Contract Manager.

Article 8: Administrative Orders (Article 8 of GAC)

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

8.1 The Administrative Order to start execution of works shall be signed by the Contracting Authority and notified to the Contractor by the Project Owner with a copy to the Contracting Authority, the Contract Manager, Contract Engineer, the Paying Body and the Project Manager, where applicable.

8.2 Upon proposal by the Project Owner, Administrative Orders with an incidence on the objective, the amount and execution deadline shall be signed by Contracting Authority and notified by the Project Owner to the Contractor with a copy to the Contracting Authority, the Contract Manager, the Contract Engineer, the Project Manager and the Paying Body. The prior endorsement of the Paying Body shall possibly be required before the signature of those that have an incidence on the amount.

8.3 Administrative Orders of a technical nature linked to the normal progress of the work and without financial incidence shall be signed directly by Contract Manager and notified to the Contractor by the Contract Engineer or Project Manager (where applicable) with a copy to the Contracting Authority and Contract Manager.

8.4 Administrative Orders serving as warnings shall be signed by the Project Owner and notified to the Contractor by the Contract Manager with a copy to the Contracting Authority, the Contract Engineer and Project Manager.

8.5 Administrative Orders for suspension or resumption of work as a result of the weather or any other case of force majeure shall be signed by the Contracting Authority and notified by his services to the Contractor with a copy to the Project Owner, Contract Manager, Contract Engineer and Project Manager.

8.6 Administrative Orders prescribing works necessary to remedy disorders which could appear on structures during the guarantee period and not related to normal usage shall be signed by the Contract Manager upon the proposal of the Contract Engineer and notified to the Contractor by the Contract Engineer.

8.7 The Contractor has a time-limit of fifteen (15) days to issue reservations on any Administrative Order received. Having reservations shall not free the enterprise of executing the Administrative Orders received.

8.8 Concerning Administrative Order signed by the Contracting Authority and notified by the Project Owner, the notification must be done within a **maximum of 30 days** from the date of transmission by the Contracting Authority to the Project Manager. **Beyond this deadline, the Contracting Authority shall establish the default of the Project Owner, take over from him and carry out the said notification.**

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

9.1 [*Specify if the Contract has one or several phases*]
At the end of a phase, the Project Owner shall carry out the acceptance of the works and issue an attestation of proper execution to the Contractor. This attestation shall condition the start of the following conditional phase.

9.2 The time-limit granted for notification of the Administrative Order to start execution of a conditional phase shall be five (5) days.

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

10.1 Any modification, even partial, made to the technical bid shall only occur after the written approval of the Contract Manager. In case of modification, the Contractor shall have himself replaced by a member of staff of equal competence (qualifications and experiences).

10.2 In any case, the lists of supervisory staff to be used shall be subject to the approval of the Project Owner in the days following notification of the Administrative Order to start execution. The Project Manager has **5 (five) days** to notify his opinion in writing with a copy sent to the Contract Manager. Beyond this time-limit, the staff list shall be considered as approved.

10.3 Any unilateral modification on the supervisory staff made in the technical bid prior to and during the works shall be a reason for termination of the Contract as mentioned in article 30 below or the application of penalties [*to be specified where need be*].

Chapter II: Financial conditions

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

11.1 Final bond

The final bond shall be set at 2 % of the amount of the Contract, inclusive of all taxes.
It is constituted and transmitted to the Contract Manager within a maximum deadline of twenty (20) days of the notification of the Contract.

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

11.2 Performance bond

The retention fund shall be set at *10* % of the amount of the Contract, inclusive of all taxes.
The return or release of the retention fund or security shall be done within one month after final acceptance by release issued by the **Contracting Authority** upon request by the Contractor.

11.3 Guarantee of start-off advance

[Specify, if need be, the rates (20% maximum of the amount of the Contract inclusive of all taxes guaranteed at 100%) and conditions for the return of the guarantee]

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

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

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

Article 13: Place and method of payment

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

a. For payments in CFA francs (*amount in figures and letters exclusive of taxes*) by credit to account No._____ opened in the name of the Contractor in the _____bank.

b. For payments in foreign currencies (*amount in figures and letters exclusive of taxes*) by credit to account No._____ opened in the name of the Contractor in _____bank.

Article 14: Price variation (Article 20 of GAC)

14.1 Prices shall be firm.

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

14.2 Price updating modalities (not applicable)

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

(Not applicable)

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

(Not applicable)

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

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

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

- The quantities considered shall be the hours used or the quantities of building materials and materials used that was the subject of joint job cost sheets;
- The remunerations and salaries effectively paid to local labour shall be increased by forty percent (40 %) to take account of social benefits;
- The hours put in by the heavy equipment shall be counted at the rate featuring in the sub-detail of prices;
- Building materials and materials shall be reimbursed at cost price duly justified at the place of use, marked up by ten percent for loss, stocking and handling;
- The amount for services thus calculated, including the hours put by heavy equipment shall be marked up by 25 % to take into account the overheads, profits and the Contractor's unforeseen.

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

This Contract is at *[unit price, all-in price or unit and all-in price]*.

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

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

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

Article 20: Advances (article 28 of the GAC)

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

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

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

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

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

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

21.1 Establishment of works executed

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

21.2 Monthly detailed account

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

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

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

- [100-1.1 and/or – (7.5 or 15%)] paid directly into the account of the Contractor;
- 2.5% or 5.5 % paid to the public treasury as AIR due by the Contractor.
- 7.5% or 15% paid into the Public Treasury as TSR due by the Contractor.

The Project Manager has a time-limit of seven (7) days to forward to the Contract Manager the detailed accounts he has approved.

The Contract Engineer has a maximum time-limit of twenty-one (21) days to forward the detailed accounts he approved such that they are in his possession not later than the twelfth of the month.

The Contract Manager has a deadline of fourteen (14) days maximum to sign the detailed accounts.

Payments shall be done by_____ within a maximum deadline of _____ calendar days from the date of submission of the approved detailed accounts.

21.3 **Detailed account of start-off account** (*if applicable*).

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

Possible interests on overdue payments are paid by statement of sums due in accordance with article 88 of Decree No. 2018/366 of 20th June 2018 to institute the Public Contracts Code.

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

A. Penalties for delay

23.1 The amount set for penalties for delays is as follows:

a) One two thousandth (1/2000th) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30th day beyond the Contractual time-limit;

b) One thousandth (1/1000th) of the initial amount of the Contract inclusive of all taxes per calendar day beyond the 30th day.

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

B. Specific penalties [amount to be indicated]

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

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

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

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

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

25.1 *[Indicate the time-limit available to the Contractor to forward the draft to the Project Manager, after the date of provisional acceptance of the works (maximum 1 month)].*

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

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

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

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

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

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

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

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

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

Article 27: Tax and customs regulations (article 36 of the GAC) Decree No. 2003/651/PM of 16 April 2003 lays down the terms and conditions for implementing the tax regulations and customs procedures applicable to Public Contracts. The taxes applicable to this Contract include notably:

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

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

All taxes inclusive prices means VAT included.

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

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

Chapter III: Execution of works

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

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

(To be specified cf. Special Technical Conditions)

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

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

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

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

31.1 The time-limit for the execution of the works forming the subject of this Contract shall be **ninety (90) days.**

31.2 This time-limit shall run from the date of notification of the Administrative Order to commence execution of the works [*or that fixed in this Administrative Order- to be specified*].

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

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

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

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

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

Article 34: Insurance of structures and civil liabilities (article 30 of GAC)

The following insurance policies are required within the scope of this Contract in the minimum amounts indicated hereafter within fifteen (15) days of the notification of the Contract (*to be adapted*):

- *Liability insurance, business manager;*
- *Comprehensive insurance of the site;*
- *Insurance covering its ten-year obligation, where applicable.*

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

[*Specify the deadlines for the transmission of documents as well as those of approval by persons to be designated*]

35.1 **Programme of works, Quality Assurance Plan and others (*to be specified*).**

a) Within a minimum deadline of [*fifteen (15) days*] from the date of notification of the Administrative Order to commence execution, the Contractor shall submit in *[four (4)]* copies for the approval of [*Contract Engineer after the endorsement of the Project manager]* the execution programme of the works, his supply calendar, his draft Quality Assurance Plan and the Environment Management Plan, where applicable.

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

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

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

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

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

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

b) The Environment Management Plan should bring out notably the choice technical conditions of the site and basic life, conditions of the backfill of the extraction sites and conditions for reinstating the works and installation sites.

c) The Contractor shall indicate in this schedule the equipment and methods which he intends to use as well as the personnel he intends to employ.

d) The approval granted by the Contract Manager or Project Manager shall in no way diminish the responsibility of the Contractor with regard to the harmful consequences which their implementation may cause both towards third parties and the respect of clauses of the Contract.

35.2 Execution draft

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

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

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

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

36.1 Signboards at the beginning and end of each section must be placed within a maximum deadline of fifteen days after the notification of the Administrative Order to commence work.

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

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

Article 37: Implantation of structures

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

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

The part of the works to be sub-Contracted shall be [*specify*] % of the initial amount of the Contract and its additional clauses (*the ceiling is 30 %*).

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

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

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

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

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

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

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

[*Specify the possible restrictions or bans*]

Chapter IV: ACCEPTANCE

Article 42: PROVISIONAL ACCEPTANCE

42.1 PRE- ACCEPTANCE OPERATIONS

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

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

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

- Contract Engineer,
- Project Manager,
- Contractor.

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

42.2 Acceptance

The acceptance commission shall comprise:

The acceptance commission shall comprise:

1- The Authorizing Officer (CONTRACTING Authority)..... (Chairman))
2- The Contract Engineer (DD MINHDU MEZAM)..... (rapporteur)
3- Project Manager .....(Member)
4- DD MINMAP Mezam .....(observer)
5- Chief of technical service BIC.....(member)
6- Quarter Head.....(member)
7- The contractor or his representative.....(Member)

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

Article 43: GUARANTEE PERIOD.

The guarantee period is one (01) year from the date of the provisional acceptance for the section of new civil Engineering works.

Article 44: Article 30: Final acceptance (article 72 of the GAC)

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

44.2 The Project Manager [shall [not] be member of the commission.

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

Chapter V: Sundry provisions

Article 30: Termination of the Contract (article 74 of the GAC)

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

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

Article 46: Case of force majeure (article 75 of the GAC)

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

- *Rainfall: 200 millimetres in 24 hours;*
- *Wind: 40 metres per second;*
- *Flood: decennial flood frequency.*

Article 47: Disagreements and disputes (article 79 of the GAC)

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

Where no amicable solution can be found for a disagreement, it is brought before the competent Cameroonian jurisdiction, subject to the following provisions: *[to be filled, where need be].*

Article 48: Production and dissemination of this Contract

08 copies of this Contract shall be produced at the cost of the Contractor and furnished to the Contract Manager.

Article 49 and last: Entry into force of the Contract

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

Document No. 5:
Special Technical Conditions (STC)

SUMMARY

Article B417 – Implementation of filtering devices

ARTICLE B420 – DRAINAGE NETWORKS
Article B421 – Laying pipes and their accessories
Article B422 – Inspection manholes and drains
Article B423 – Pipe tests
Article B424 – General test of buried sewerage networks
Article B425 – Construction of gutters and culverts
Article B426 – Maintenance during the warranty period
ARTICLE B500 – MODE OF EXECUTION OF ARTWORKS
Article B501 – Earthworks
Article B502 – Manufacturing and transport of concrete
Article B503 – Implementation and hardening of concrete
Article B504 – Facings
Article B505 – Reinforced concrete structures
ARTICLE B600 – MODE OF EXECUTION OF SPECIAL ARRANGEMENTS
Article B601 – Safety device for pedestrians
Article B602 – Anti-parking device
Article B603 – Safety barrier
Article B604 – Guardrail
Article B605 – Slices for cables and sheaths
Article B607 – Sheaths – flexible sheaths
Article B607 – Warning mesh
Article B608 – Draft chamber
ARTICLE B609 – ANCHOR BOUND
Article B610 – Borders
ARTICLE B700 – HORIZONTAL SIGNAGE
Article B701 – Qualities and tests of constituent materials
Article B702 – General requirements on supplies
Article B703 – Manufacturing processes and control
Article B704 – Testing of works
Article B705 – Consistency of the work
Article B707 – Products used
Article B707 – Warranty period
Article B708 – Road markings
Article B709 – Cleaning work
Article B710 – Method of execution of the work
Article B711 – Conditions of execution
ARTICLE B800 – MODES OF EXECUTING NETWORK MOVEMENTS
Article B801 – General
Article B802 – Reconnaissance trenches
Article B803 – Execution of the work
ARTICLE B900 – MODES D'EXECUTION DES PLANTATIONS
Article B901 – Origin and quality of trees and shrubs
Article B902 – Method of execution of the work
Article B903 – Engazonnement
Article B904 – Cleaning
Article B905 – Warranty and maintenance
Article B907 – Paving
Article B907 – Development of the existing scupper
Article B908 – Signaling
Article B909 – Concrete pads.
ARTICLE B1000 – ENVIRONMENTAL GUIDELINES.
ARTICLE B1100 – GUIDELINES FOR USE OF THE*CON AID/CBR PLUS*
ARTICLE B 100 – GENERAL
ARTICLE B 101 – PURPOSE OF THIS SPECIFIC TECHNICAL CLAUSES
The purpose of this Specification of Special Technical Clauses is to specify the standards applicable to equipment and materials incorporated in the maintenance work of certain roads in the city of Yaoundé (South Zone).
ARTICLE B 102 - ABREVIATIONS
The abbreviations used in this Technical Specifications have the following meanings:

- C.P.S or C.C.A.G:	Book of Special Prescriptions or Book of General Administrative Clauses;
- C.P.T or C.C.T.P:	Specifications of Technical Prescriptions or Specifications of Special Technical Clauses;
- C.P.C :	Common Prescriptions Book;
- A.S.T.M :	American Society for Testing Materials;
- A.A.S.H.O :	American Association of States Highway Official;
- O.P.N. :	Optimum Proctor Normal;
- O.P.M. :	Modified Proctor Optimum;
- C.B.R. :	Californian Bearing Ratio;
- LABOGENIE :	Cameroon National Civil Engineering Laboratory;
- L.C.P.C :	Central Laboratory of Bridges and Roads of France;
- C.E.B.T.P :	Experimental Center for Building and Public Works, Manual 1980 edition, French Ministry of Cooperation;
- CDE :	Cameroonian Waters;
- AES/SONEL :	National Electricity Company of Cameroon;
- C.U :	Urban community

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 sector.

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

The origins, qualities, types, dimensions, weights, and characteristics, as well as the methods of testing, marking, control and reception of materials and supplies, must meet the standards in force at the time of signature of the Contract.

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

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

- Booklet No. 1: General provisions common to various types of work
- Booklet No. 2: General earthworks
- Booklet No. 3: Supply of hydraulic binders
- Booklet No. 4 (Title 1): Steel for reinforced concrete
- Booklet No. 7: Soil recognition
- Booklet No. 23: Road aggregates
- Booklet No. 24: Supply of hydrocarbon binders used in the construction and maintenance of roads
- Booklet No. 29: Works, construction, maintenance of roads, squares and public spaces, paving stones and slabs in concrete or natural rock
- Booklet No. 26: Execution of surface coatings
- Booklet No. 31: Curbs and gutters made of natural stone or concrete and concrete retaining devices
- Booklet No. 32: Construction of sidewalks.
- Booklet No. 35: Work on green spaces, sports and leisure areas
- Booklet No. 50: Topographic works, large-scale plans
- Booklet No. 61:
  - Title 4: Climate actions
  - Title 5: Design and calculations of bridges and metal constructions
- Booklet No. 62 (Title 1 – Section 2): Technical rules for the design and calculation of reinforced concrete works and constructions using the limit states method
- Booklet No. 63: Execution and implementation of unreinforced concrete, making mortars
- Booklet No. 64: Masonry work for civil engineering works
- Booklet No. 65: Execution of civil engineering works in reinforced or prestressed concrete
- Booklet No. 66: Execution of bridges and other metal frames of similar technique
- Booklet No. 67: Waterproofing of works of art
- Booklet No. 68:
  Title 1: Execution of structure foundation works
- Booklet No. 70: Sanitation pipes and ancillary works
- Booklet No. 71: Supply and installation of water pipes, accessories and connections

The Specifications of 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 – DESCRIPTIONS OF STUDIES

Immediately after notification of the service order to start the work, the Co-contractor will demarcate the area of the work and will undertake the delimitation of the constructions within these areas after agreement or according to the instructions of the Project Manager. Then, based on the plans and tender documents, it will establish the complete execution project defining the adaptation of the works to actual execution conditions.

The execution project will include all 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 Specifications.

The execution project must be submitted to the Project Manager with a copy to the Contract Engineer within seven (07) 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 project or to make its observations known under the conditions defined in the Special Specifications. The execution project will include:

Situation plans at 1/500^{And}

Plot of rights-of-way at 1/500^{And}

Plans d'implantation au 1/500^{And} roads and structures with rainwater sanitation,

Network travel projects and plans (CDE, AES-SONEL, CAMTEL) at 1/500^{And},

Cross section book at 1/100^{And} (one profile every 10 m),

Typical cross sections at 1/50^{And},

Crossroads plans at 1/200^{And} with sanitation,

Formwork and reinforcement plans for sanitation works at 1/20^{And} (culverts, manholes, heads of structures, etc.),

Detail plans at 1:50^{And} (curb edges, etc.),

All calculation notes for sanitation works,

Sanitation calculation notes and outlet of works,

Program, plan and results of geotechnical tests (foundation soils, reusable spoil in embankments, purges, water table level, deflection tests, etc.),

Detailed preliminary estimate by section and works.

ARTICLE B105 – DESCRIPTION OF WORK

The work to be carried out includes the following operations:

a) Preparatory work

- Construction site instalation
- Execution project

b) Preliminary work

Clearing
Implementation of tracks,
Cleaning of the land including removal of rubble if necessary,
Felling of trees including stump removal
Geotechnical studies,
Demolitions.

c) Earthworks

Shaping the platform including the creation of ditches and outlets;
The implementation of the foundation layer and the base layer.

d) Pavement and sidewalk coverings

e) Rainwater sanitation

Construction of RC gutters, masonry ditches, pits, where applicable.
Construction of manholes
Manufacturing and installation of roofing slabs,

f) Relocations (or reestablishment of connections) of the concessionaire networks (ENEO, CAMTEL and CAMWATER), if applicable.

ARTICLE B 200 – QUALITIES AND PREPARATION OF MATERIALS USED

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 approval by the Project Manager. Samples of the materials and equipment which 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 concrete must meet the requirements of French standards cited in fascicles 65 of the C.C.T.G. (see B103.1). The aggregates will be of uniform quality and without excess flat or elongated pieces,

In addition, it is specified that the size 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 works and with the express agreement of the Project Manager, the maximum size may be increased to 40 mm.

The 0/25 concrete will be made up of at least three classes of aggregates, the particle size curves being taken from the following series of strainer dimensions, expressed in millimeters: 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 must 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 must be greater than 70.

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

The quality and particle size of the aggregates must be subject to approval by the Project Manager. This approval will only be acquired after the resistance tests on concrete specimens made with the proposed aggregates have proven 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 aluminum cement will not be authorized as will the mixing of cement.

The cement must be stored in dry, well-ventilated rooms that are effectively protected against bad weather. The slab of wooden or concrete premises will be at least 20 cm above the ground to avoid any rising humidity. 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 following the instructions of the Project Manager. The cement will be stacked in bags to a maximum height of 2 meters.

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

ARTICLE B203 - ADJUVANTS

The possible use of adjuvants for making concrete will be subject to the approval of the inspection engineer. The adjuvants must be used in accordance with the requirements of fascicle 65 of the C.C.T.G, particularly with regard to the maximum dosage, the precautions to be taken and the contraindications. Chlorine adjuvants are prohibited, air entrainers must be approved by the Project Manager.

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 an autonomous mixing device that is sufficiently powerful and 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 – CURE PRODUCTS

Any curing products used for concrete will be subject to the prior agreement of the Project Manager and will comply with the requirements of fascicle 65 of the C.C.T.G.

ARTICLE B205 – COMPOSITION OF CONCRETES AND MORTARS

B205.1 Concretes

The concrete used for the construction of the works will meet the following specifications:

Designation	Cement dosage per m3	Destination	Resistance to 28 days - Compression - Traction mini	Rapport E/C maximal
Common concrete (B.C)	200 kg	Concrete of cleanliness		0,70
Grade 1 concrete (BQ1)	250 kg	Formed concrete	18 MPa 1,8 MPa	0,60
Grade 2 concrete (BQ2)	300 kg	For parts of unreinforced or lightly reinforced structures	23 MPa 2,05 MPa	0,55
Grade 3 concrete (BQ3)	350 kg	For works or parts of works in reinforced concrete	27 MPa 2,32	0,55

The dose of cement indicated in the table cannot be reduced even if the test strengths exceed the prescribed values.

a) Consistency

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

b) Composition

The study of the composition of the 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 in good time to respect the contractual execution deadline.
The Co-contractor has fifteen (15) working days from notification of the contract to present the composition of the concrete.
The Project Manager will formulate its observations or give its approval within seven (07) working days from the date of receipt of the Co-Contractor's proposals.
Following approval by the Project Manager of the proposed concrete compositions, the Co-contractor will carry out mixture tests for each quality of concrete indicated. The tests must correspond to the manufacturing conditions on the site.
The Co-contractor will only apply mixtures approved by the Project Manager.

B205.2. Mortars

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

M400: Mortar with 400 kg of cement per cubic meter of sand. It will be used to produce the coatings for the facings seen from the works (slabs covering manhole covers, superstructure work).

M500 : Mortar with 500 kg of cement per cubic meter of sand added with Sika N1 product following dosage prescribed by the manufacturer and subject to approval by the Project Manager. This mortar will be used for the waterproof interior coatings of the works.

M600 : Mortar dosed at 600 kg of cement per cubic meter of sand. It will be used for all sealing (metal profile descent rungs, etc.) and for the repointing of masonry riprap.

The mortars will be manufactured mechanically or exceptionally, manually for very small quantities. The manufacturing equipment must ensure the same dosage guarantees as for concrete.
Any mortar that has started to set or has dried out will be rejected and must not be mixed with fresh mortar.

B205.3 Concrete control

The Co-contractor is responsible for carrying out the study tests and the suitability tests in good time to respect its contractual obligations relating to execution deadlines regardless of the results of said tests.
The test pieces will be made in approved molds. The transport of the suitability and information test specimens to the control laboratory will be carried out by the Co-contractor.
The concrete will be checked according to the services in the table below:

Concrete Class	Number of test pieces to collect	Compression	Frequency of Traction tests	Consistency of fresh concrete
BQ2 300 kg	Per day of concreting - cylinders	2 attempts at 7 days	2 attempts at 7 days	1 per ½ day of concreting
	6 prisms	4attempts at 28 days	4 attempts at 28 days	
BQ3 350 kg	Per day of concreting 10 cylinders	3 tests at 3 days 2 tests at 7 days	3 tests at 3 days 2 tests at 7 days	1 per ½ day of concreting
	10 prisms (at the request of the Engineer)	5 trials at 7 days	5 trials at 28 days	

Works or parts of works, for which the tests thus carried out would reveal resistances 15% lower than the required resistances, will be refused.

ARTICLE B207 – COMPACTING AND WASTING WATER

The supply of water is the responsibility of the Co-contractor. The proportion of dissolved or suspended materials in the compaction water must be sufficiently low so that it does not cause a reduction in the qualities of the roadway earthworks.
The water used for both mixing and compacting must have the physical and chemical properties set by the standard defined in the requirements of fascicle 65 of the C.C.T.G. It must not exceed a temperature of 30°C and must not contain more than 2 g of dissolved salt per liter.
Questionable water will be subjected to chemical analysis by the Co-contractor and at the expense of the Co-contractor.

ARTICLE B207 – STEEL FOR REINFORCED CONCRETE REINFORCEMENTS

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

Fe400 high adhesion steels complying 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 steel intended for the work, the Co-contractor will provide certificates indicating the results of tests undergone by the materials. If test results are not available, the Project Manager may refuse its use. The steels will be securely attached in bundles. The bundles must be clearly marked with the supplier, quality, delivery date and length, diameter and number of bars.
Reinforced concrete steels will be stored on supports above ground and will be protected against rust, oil and other harmful influences.

ARTICLE B208 – PROFILES AND MISCELLANEOUS STEEL

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

ARTICLE B209 – FORMWORK

The formwork will be made of metal elements, wood or any other equivalent material. They will be subject to approval by the Project Manager.
The formwork for slabs, slabs and walls which will remain visible will be smooth, ensuring smooth and regular surfaces. They will comply with the requirements of fascicle 65 of the C.C.T.G.

ARTICLE B211 – SHAPING REINFORCEMENT FOR REINFORCED CONCRETE

The conditions of use of the reinforcements must comply with the requirements of fascicle 4, title 1 of the C.C.T.G.
Article 21 of fascicle 65 of the C.C.T. is supplemented as follows:
When it is necessary to constitute a reinforcement with several bars, the joints are distributed over a certain length such that, in a section, there are at least 2/3 of the continuous bars, it being admitted that the overlap of the reinforcements at Improved adhesion will comply with the requirements of the reinforced concrete rules in force.
Immediately before installation, the steels will be clean and rust-free. The reinforcements will be well fixed so that there is no risk of movement during the pouring of the concrete. Are forbidden:
the deliberate folding and unfolding of the frames,
Assembly of reinforcements by welding.

ARTICLE B212 – FILL MATERIALS

B212.1 – General information

The materials used in backfill must have the following characteristics:
Plant element content less than 1%;
Grain size: no elements greater than 100 mm;
Plasticity index: less than or equal to 40;
Bearing capacity: the immediate CBR bearing index (natural W) must be greater than or equal to 10 for compaction at 95% of O.P.M. The CBR bearing index is measured after 04 days of imbibition;
Linear swelling: less than 3%.
It is the responsibility of the Co-contractor to carry out at its own expense all geotechnical studies on the soils in place and on the borrow sites for which it has researched. The geotechnical studies which may be made available to the Co-contractor by the project manager are given for information purposes only.
With regard to soils whose water content, at the time of implementation, is too high to allow obtaining the minimum admissible compactness indicated in article B328 of this CCTP, the Co-contractor will take all 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 carried out up to the height of the highest water with sand or any other equivalent material in order to accelerate the consolidation of the soil in place and to constitute a draining layer allowing the water circulation. The draining material must not contain more than 10% fine elements. This provision is not valid for embankments serving as dikes for which the materials must be submitted for approval to the Control Engineer.

B212.2 – Materials for embankment bodies

The embankment bodies will be made with materials from the excavated material (topsoil and micaceous earth excluded). In the event of poor quality or insufficiency, materials from the best loans approved by the Project Manager will be used, in accordance with articles B212.1, B325 and B326 of this document.

B212.3 – Basic form

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 spoil or the existing road surface.
The thickness of the bottom of the form is considered to be equal to 30 cm. The materials constituting this base must meet the following characteristics unless otherwise granted by the Project Manager:

Organic matter content:	< 2 %
Granulometry :	150 mm maximum
Percentages of fines:	< 40 %
Atterberg Limits:	liquidity limit < 60 plasticity index < 40
Index bearing CBR (measured after 4 days of imbibition):	CBR > 10 for a dry density corresponding to 95% of the O.P.M.
Linear swelling:	tolerance 2% maximum

In the event that the natural terrain does not have these characteristics, the Co-contractor would be required to create a subgrade meeting these standards.
The remuneration for the presentation of the background 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 road body structures will be finalized in agreement with the Project Manager before the start of the work.
The foundation layer will be executed:

- in lateritic gravel having an I.P. less than 30 and a CBR greater than 35
- in natural bass reconstituted according to proposals making it possible to obtain an I.P. lower than 30 and a CBR higher than 35.

The base layer will be executed:

- gravelly lateritic reconstituted according to the characteristics defined above.

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

	FOUNDATIONS	BASE				TESTS
CBR after 4 days of imbibition and a dry density corresponding to 95% OPM	≥ 30	≥ 60				1/1000 m²
Percentage of fines (elements at 0.08 mm)	≤ 35	≤ 30				1/1000 m²
Plasticity index	≤ 30	≤ 25				1/500 m²
Swelling	≤ 2 %	≤ 2 %				1/1000 m²
Proctor density	≥ 1,9	≥ 1,9				1/500 m²
Organic matter content	≤ 2 %	≤ 1 %				1/2000 m²
Simple compression resistance - Rc (3 days of air cure, 4 days of imbibition) - Rc (7 days of air treatment)		T1 5 5	T2 5 15	T3 7 20	T4 7 20	 1/2000 m² 1/2000 m²
Tensile strength (7 days of air curing)	/	1	1	15	15	1/1000 m²
Granulometry Sieve – % passing	0,08 mm 35 % maxi	(see LADN 1987) 0,08 mm 35 % maxi				1/1000 m²
Shape – Angularity % elements such as G/E < 1.58	/	/				1/2000 m²
Sand equivalent						1/1000 m² 1/1000 m²

ARTICLE B214 – MATERIALS FOR IMPREGNATION OF BASE COAT, ATTACHMENT COAT AND PAVEMENT COATING

The binders used will comply with the requirements of fascicle No. 24 of the C.C.T.G. "Supply of hydrocarbon binders used in the construction and maintenance of roadways.

The aggregates used will comply with the requirements of fascicle No. 23 of the C.C.T.G. "Road aggregates".

ARTICLE B215 – MATERIALS FOR FILLING UNDER FOUNDATION

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 healthy and meet the following characteristics:

Plant element content less than 1%.

Grain size: no elements greater than 100 mm.

Plasticity index: less than or equal to 40.

Bearing capacity: the immediate CBR bearing index (natural W) must be greater than or equal to 10 for compaction at 95% of the O.P.M.

Linear swelling less than 3%.

ARTICLE B216 – MATERIALS FOR FILTERING DEVICES

The materials for the filter layers proposed under the canals and structures will be made up of all-mineral materials screened from rivers or approved quarries. The materials will be freed from 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 filter materials such as ENKADRAIN SK 20 or similar.

Article B 216.16.1 SABLE

The sand constituting the filter must be clean, healthy and durable and not contain significant quantities of platelets or needles. Their particle size curve must correspond to the following table:

THUMB (mm)	PASSING BY	
	Maxi	Mini
4,000	8	0
2,000	10	0
1,000	20	3
0,500	50	10
0,250	90	50
0,125	100	85
0,063	100	96

Article B 216.16.2 GRAVEL

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

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

(D 15 gravel/D 85 sand) included 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 intends to use for the filter.

Article B 216.16.3 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.

Article B 216.16.4 BARBECUES

The barbicans are made of PVC with a diameter of 25.4 mm. They will be applied for the drainage of filters (rectangular channels and dal ots). The length of the pipes is equal to the thickness of the wall increased by half the thickness of the filter layer.

ARTICLE B217 – SEALING DEVICES

Seals for scuppers and rectangular channels must have the following characteristics:

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

ARTICLE B218 – CONCRETE PIPES

The concrete pipes must meet the French standards specified in fascicle 70 of the C.C.T.G. They will be made of reinforced concrete of the collar type with rubber, series 135 A.

ARTICLE B219 – PVC PIPES

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

ARTICLE B220 – ROAD FONTS

Manhole covers, drain grilles etc. located in the right-of-way of the roadway will be made of graphic cast iron unalloyed spheroidal, class 400.

ARTICLE 221 – RIPRAP

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

ARTICLE B222 – ROAD PAINTING

The products used for 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 – WATER REPELLENTS

The buried concrete facings will be covered either with a deacidified tar, a hot bitumen, or a non-acidic bitumen emulsion.

ARTICLE B300 – MODE OF EXECUTION OF PRELIMINARY WORK – EARTHWORKS – ROADWAYS

ARTICLE B301 – GENERAL PROVISIONS

B301.1 General

The Co-contractor will take all necessary measures to avoid accidents of any kind which 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 letters will be placed at the main entrances to the site.

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

All precautions will be taken by the Co-contractor and at its expense to maintain traffic safely on the routes covered by the work. He will submit for approval to the Project Manager the arrangements he plans to take for the establishment of diversions and the maintenance of all routes used to ensure traffic during the duration of the work.

B301.2 - Water evacuation

The Co-contractor must, under his responsibility, organize his site in such a way as to get rid of water of all kinds, to maintain flows and to take all useful measures so that they are not detrimental to the temporary works necessary for evacuation. runoff 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 depletion if it is likely to cause disruption to neighboring 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 concession companies and services concerned in order to examine with them in good time the conditions for moving or protecting the works.

The project owner will provide all the information in his possession but will not be held responsible for errors, omissions or modifications concerning the presence and implementation of existing networks. The execution studies and network travel costs are the responsibility of the Co-contractor.

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

ARTICLE B302 – IMPLANTATION GENERALE

Before any work begins, the Co-contractor will mark the road axes and demarcate the rights-of-way in order to carry out the demolition of the existing works after agreement from the Project Manager.

B303.2 – Basic picketing

After preparation of the platform and before any start of the earthworks, the Co-contractor will establish the base points of the main picket (implantation of the axes) based on the data of the implementation plan of the tender file and the polygonal, which he will have previously verified.

This solidly founded installation in the form of a truncated pyramid with a square base 0.50 m high, carrying a sealed concrete iron rod at its axis, will then be verified in a contradictory manner. Each terminal will bear the characteristic number of the point it represents.

The Co-contractor remains responsible for this implementation and will bear all unnecessary work that would result from poor implementation, both before and after verification thereof.

B302.3 – Surveying of natural terrain – Additional picketing

When the main staking 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 cross-sections and wherever works forming part of its services must be carried out. The survey must include side points every 5 m maximum on the cross sections, spaced at most thirty (30) meters apart.

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

After the execution of the general staking, the Co-contractor will carry out the leveling of these points, linked to the general leveling of Cameroon. He must fix solid side markers along the route and as many as are necessary for the proper execution of the work.

The Co-contractor must agree to any verification that the Project Manager decides to carry out. He will make available to the Project Manager the equipment, devices and authorized personnel to carry out these control operations.

B302.3 – Conservation of picketing

The Co-contractor is required to ensure the conservation of the picket and leveling points, to restore or replace them if necessary either in their initial 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 – 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 corresponding elements from the site, to a location approved by the Project Manager. On the instructions of the inspection engineer, certain trees may be retained as long as they do not constitute an obstacle to the execution of the work.

ARTICLE B312 – VIDES

All natural or artificial cavities such as wells, cesspools, septic tanks, locations of stumps located in the area of the works will be drained 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 ROADS

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

ARTICLE B314 – DEMOLITION

The Co-contractor will carry out the demolition of the damaged reinforced concrete as well as the evacuation of all the corresponding elements from the site, to a location approved by the Project Manager.

ARTICLE B315 – DECHARGES

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

At the public landfill in agreement with the Project Manager and the Town Hall,

In a location specified by the Project Manager on the municipal territory,

In a location proposed by the Co-contractor with the agreement of the Project Manager

The excavated material placed in permanent storage will be equalized and leveled following the instructions of the Project Manager.

ARTICLE B320 – EARTHWORKS

ARTICLE B321 – STRIPPING OF TOP SOIL

The co-contractor will strip the topsoil in the area of the unstripped earthen areas, including the following operations:

Extraction and loading

Transport and storage in places approved by the Project Manager for reuse for planting operations

ARTICLE B322 – LAND MOVEMENTS

The Co-contractor will submit a land movement project for approval by the Project Manager within fifteen (15) days from the start date of the work.

This project must particularly indicate the deposition areas, the transport distances, the volumes of earth transported and the quality of the materials, defined by geotechnical tests carried out by the Co-contractor.

ARTICLE B323 – PURGING POOR LANDS

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

The zones and depth will be established on site jointly between the contractor and the project manager. The land will be removed from the site under the same conditions as the demolition products.

ARTICLE B324 – REQUIREMENTS APPLICABLE TO EARTHWORKS

B324.1 – General indications

Excavation will be carried out 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 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 trenching, channels and temporary works in good time.

Rainwater or runoff will be directed away from the site by arrangements that do not cause any disturbance to local residents or existing installations.

The Co-contractor must obtain approval from the Project Manager for the procedure guaranteeing the preparation of excavation funds under embankments in accordance with article B326. The excavation of the excavated material will only be carried out after full completion of the embankment.

Excavated material not reused as backfill due to its poor quality will be disposed of at the public landfill or in places approved by the Project Manager.

B324.2 – Different categories of spoil

Excavated material is classified into five categories:

1time category : Waste for purges	This category includes subgrade materials having an Ip > 10 and a CBR > 10.
2th Category : Reusable rubble in embankments	This category includes subgrade materials with an Ip < 40 and a CBR < 10.
3th category : Non-reusable rubble in embankments	This category includes subgrade materials with an Ip> 40 and a CBR < 10.
4th category : Reusable rubble in the body of the roadway	This category includes subgrade materials with an Ip < 35 and a CBR < 40 (foundation)
5th category : rock spoil	Materials that cannot be rippled by a 270HP tractor fall into this category.

Noticed:

The Co-contractor may only carry out excavation in rocky terrain with the prior agreement of the Project Manager. The surrounding soft ground will then be sufficiently cleared to allow a precise assessment of the volumes of rock spoil to be taken into account. A contradictory attachment must be drawn up before any start of execution.

B324.3 – Excavation method

Excavation in soft ground

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

If purging is necessary, excavations will be carried out up to the depth set by the Project Manager. The theoretical level of the excavated material will be made up by adding good soil which will be placed as stated in article B326 below for the embankments.

Excavations in rocky terrain

Near the constructions, the excavation in rocky terrain will be carried out using a pneumatic hammer. The theoretical profile slope will be made up by adding fine rock cuttings.

ARTICLE B325- CAREERS AND LOANS

In the only case where the Co-contractor is obliged to resort to borrowing materials, due to a lack of reusable rubble in embankments, the operation of the quarries and borrowing sites may only begin after written authorization. of the Project Manager. This authorization may be withdrawn at any time if the Project Manager considers that the exploited deposit no longer produces materials of satisfactory quality.

The Co-contractor cannot therefore claim any compensation. It is specified that, if the quarries and loans prove insufficient or if the quality of the materials is such that the Project Manager has to refuse them, the Co-contractor will do his part to search for new quarries.

The materials from these new quarries will be subject to approval by 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 established requirements and the necessary quantities at its own expense.

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

the opening and development of access trails;

clearing and deforestation, removing undesirable topsoil or covering material and depositing it outside the limits of the loan;

the restoration of the premises after exploitation of the quarry.

Drainage of the borrow chambers 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 EMPLOYMENT EARTHWORKS

B 326.1 – Different categories of embankments

Embankments are classified into four categories:

- Category 1:	Compacted embankments (IP < 40 and CBR > 10)
- Category	Embankments in flood-prone areas or swamps (IP < 40 and CBR > 10) with the interposition of a draining layer

2:	
- Category 3:	Backfill for subgrade layer (IP < 40 and CBR > 15)
- Category 4:	Backfill placed in storage (IP > 40 and CBR < 5).

B 326.2 – Origins of materials

The materials used in the constitution of the embankments will come either from the spoil or from the quarries or borrow areas proposed by the Co-contractor and approved by the Project Manager.

B 326.3 – Preparation of land under embankments

Additional compaction preparation is carried out, if necessary, over the entire width of the embankment area.

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 modified Optimum Proctor over a thickness of at least 25 cm.

Under the embankments, digging and plowing to 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 exceeded 20%, hanging steps would be made arranged in accordance with the opinion of the Control Engineer.

The preparation of the land under embankment will be received before backfilling. In the event of water entering 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 Control Engineer.

B326.4 – Method of carrying out backfill

Backfills on ordinary ground must comply with the specifications of article B212.1. They will be leveled over their entire width for the execution of the embankments (or half possibly), in layers having a slope of

2%, on which the earth-moving and transport equipment having been assigned to their execution will circulate so 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 embankment up to the dimensions provided by the plans and profiles.

The profile of the slopes will be obtained by the excess backfill method, the dressing must be careful so that neither haunches nor irregularities appear.

The embankments must be compacted to 90% of the O.P.N. (Proctor Normal Optimum).

The work must be carried out in such a way that after settling or compression, the indicated profiles are produced to the tolerances set 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 1% higher than the optimal 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 embankments implemented

	Categories 1 and 2	Category 3
Particle size, modified proctor, plasticity index, in-place density and water content.	1 attempt for 500 m³	1 attempt for 250 m³
Identification and CBR	1 test per 1,000 m³	1 attempt for 500 m³

ARTICLE B 327 – TOLERANCES ON EARTHWORKS

The tolerances for execution of earthworks are thus fixed:

Earthworks	Shape profiles	Talus	Profile under subgrade layer
Excavation on ordinary ground	+ or – 2 cm	+ or – 10 cm	+ or – 5 cm
Excavations in rocky terrain	+ or – 4 cm	+ or – 20 cm	+ or – 10 cm
Embankments	+ or – 2 cm	+ or – 5 cm	+ or – 5 cm

The theoretical slopes of the embankments are as follows:

in 1/3 rubble (1 from the base for 3 in height);

in 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 with a view to the results of the soil tests.

ARTICLE B 328 – COMPACTION

Unless a specific exemption is granted or prescribed by the Project Manager, the embankments will be methodically compacted by layers of maximum thickness, measured after compaction, of 25 cm thick. Each layer will be received before the execution of the next one. The method of carrying out the compaction will be subject to the approval of the Project Manager.

All the machines that the Co-contractor intends to use will appear on the list of equipment which will be attached to the offer. This list will mention the technical characteristics of the machines. Before any start of execution, the Co-contractor will calibrate its compaction equipment, the Project Manager will check the results of this operation.

The water content of the soil before implementation on the site must be able to be recognized in a regular, continuous and safe manner. Compaction will be checked daily and at any request from the Project Manager.

The approved materials which constitute the layers leveled at unloading must be homogenized and scarified. If necessary, the motorgrader and the harrow. The materials will be brought within the water content range necessary to obtain the prescribed dry density taking into account the necessary compaction energy (site test diagram), if they are too dry, the materials will be watered with regularly before and during compaction operations. On the contrary, if the materials prove to be too humid, the Co-contractor may bring them back to an acceptable content by prior desiccation activated by mechanical aeration, harrowing or plowing. Failing this, the construction site will be stopped due to the company's failure to accept the condition of opening a new loan deemed satisfactory. In any case, these floors will only be implemented with the agreement of the Project Manager who may prescribe their evaluation 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

implemented are in the conditions necessary to obtain satisfactory compaction without the Co-contractor being able to consider himself justified in claiming any compensation whatsoever for immobilization.
It is expressly specified that 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 optimal water content to within plus or minus 2%. Evaporation must be taken into account, which is significant in the dry season.

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

	Mini	Tolerance(10% measurement)
- Soil receiving backfill	90 % OPM	88 % OPM
- Embankment bodies	90 % OPM	88 % OPM
- Last layer of backfill (subgrade layer thick. 30cm)	95 % OPM	92 % OPM
- Foundation layer	90 % OPM	95 % OPM
- Base layer	95 % OPM	96 % OPM

In the event of deterioration due to the settlement of the embankments or the insufficiency of their characteristics, the Co-contractor cannot in any way take action against the Project Owner and must take over the deteriorated areas at its own expense.

ARTICLE B 329 – ADJUSTMENT OF PLATFORMS

After earthworks, the platforms and embankments must be adjusted and cleaned within the work area.
All measures will be taken to ensure the evacuation of runoff water without gullying and without harming riverside properties.

ARTICLE B 330 – ROADS (PLATFORM)

ARTICLE B 331 – FINISHING THE FOUNDATIONS

After compaction, the profile of the platform, shoulders and surroundings will be adjusted so as not to reveal a difference greater than 2 cm under the four meter rule.
The Contractor will request in writing from the Project Manager acceptance 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 as an indication. It is up to the Co-contractor to have all 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 Control Engineer of the earthworks platform, the Co-contractor will apply the layer of materials over the entire width of the platform and to the minimum required thickness, in layers of 15 cm d minimum thickness and 25 cm maximum thickness depending on the grain size.
The in situ compaction water content must not exceed by two points the optimal water content given by the modified Proctor test.
Compaction will be carried out so as to obtain an in situ dry density at least equal to 97% of the maximum density given by the modified Proctor test. It will be carried out with a tire roller, padfoot or vibrating roller.
The Project Manager will also carry out checks of the prescribed minimum thicknesses. These checks may be carried out at the density measurement locations in place or at different locations designated by the Project Manager.
The minimum thicknesses of the layer must be respected at all points; the altimeter tolerance is plus or minus 2cm in relation to the project coast. If these minimum thicknesses and the prescribed altimeter tolerance were not respected, the Co-contractor would be required to rework the section concerned at its own expense, either by supplying materials or by excavating the materials. In both cases, it will be necessary to scarify the layer and recompact it.
The Co-contractor will take all measures to avoid lamination.

ARTICLE B 333 – EXECUTION OF THE BASE LAYER

B 333.1 – Cement-enhanced selected laterite base course

Not applicable

B 333. 2 - Crushed gravel base layer

After receipt of the foundation layer by the Project Manager, the Co-contractor will apply the base layer in layers of 10cm minimum and 15cm maximum after compaction.
The materials used will be fully crushed 0/31.5 gravel, the characteristics of which are defined in article B334.
The compaction rate in place must be greater than or equal to 98% of 0.P.M. for 90% of the measurements. The remainder will in all cases be greater than 97% of the O.P.M.
The Project Manager will carry out checks on the thickness of the base coat. These checks may be carried out at the locations of density measurements in place or other locations designated by it.
The minimum thickness of the base layer must be respected at all points. The altimeter tolerance is plus or minus 1 cm compared to the project coast. If the minimum thickness and the prescribed altimeter tolerance were not respected, the Co-contractor would be required to rework the section concerned at its own expense. In both cases it will be necessary 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 an in situ dry density greater than 98% of the O.P.M., taking into account the compaction means that it must implement. and characteristics of the base layer materials.
Whatever the water content obtained, the Co-contractor will take all measures to avoid any segregation of materials during their supply, installation and compaction. 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 – Gravel-bitumen base layer

Not applicable

B 333.4 – Base layer in natural lateritic gravel

After receipt of the foundation layer by the Project Manager, the Co-contractor will proceed with the implementation of the base layer in layers with a thickness after compaction of 10 cm minimum and 20 cm maximum, in accordance with the requirements of the section B213.

The Project Manager will carry out checks of the prescribed minimum thickness of the base coat. These checks may be carried out at the locations of density measurements in place or other locations designated by it. The minimum thickness of the base layer must be respected at all points.
The altimeter tolerance is plus or minus 2 cm in relation to the project coast. If this minimum thickness and the prescribed altimeter tolerances were not respected, the Co-contractor would be required to rework the section concerned at its own expense. The same applies in the event of non-compliance with the requirements regarding dosage, CBR, compactness, lamination or cracking other than shrinkage. In these cases, it will be necessary to scarify the base layer, add cement, mix and compact it.
The Co-contractor must take all measures to ensure a good connection between the base layer and the foundation layer. In the event of mixing in situ, it will ensure that it penetrates the underlying layer by 1 to 2 cm.
All precautionary measures must be taken by the Co-contractor and at its expense, to take into account the curing constraints of the selected natural materials and the maintenance of circulation.

Transport and spreading of the material

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

Preliminary compaction

The layer of materials thus spread will receive preliminary compaction or pre-compaction intended to allow the circulation of machinery.

Compaction

It is specifically reminded that all compaction operations must be started immediately after mixing and completed before the cement sets, in any case, within three hours of mixing. To this end, the Co-contractor must have sufficient number and type of compaction equipment to obtain, within the above-mentioned times, the prescribed dry density of the mixture. If for whatever reasons the compaction operations are not completed in good time or the prescribed density has not been achieved, the Co-contractor must, at its own expense, evacuate 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 to set, the Co-contractor must carry out 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, compaction of the closures of the superficial parts will be carried out, preferably this operation will be done with a tire roller.

Resumption of construction

Whenever the stabilization operation is resumed after the end of the setting time (therefore at least at each resumption of the working day), the mixing operations must be preceded by a drawing of the terminal part already executed, until the elimination of any material which, by the very nature of the work, does not present the characteristics of homogeneity and hardness specific to soil – cement. All measures will be taken to avoid lamination.

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Immediately after finishing the compaction of the stabilized material, the bonding layer 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 Breakdown:

Grave lateritic: 100%

ARTICLE B 334 - CONTROL TESTS FOR IMPLEMENTATION OF THE FOUNDATION LAYER AND THE BASE LAYER

The road surface implementation control tests are recorded in the table below:

Nature of the work	Nature of the test	Required results	Number of tests to be carried out
Compaction of the subgrade	Compactness in place	Greater than or equal to 97% of the dry density of O.P.M*.	1 every 250 m²
Compaction on sidewalk right-of-way	Compactness in place	≥ 97% of the dry density of OPM*	1 every 500 m²
Compaction of the base layer	Compactness in place	Greater than or equal to 98% of the dry density of OPM*	1 every 250 m²
Controlling the quantity of base layer materials	Thickness	Thickness installed must not be less than more than 1 cm compared to theoretical thickness indicated on plans or defined by the Engineer	1 every 250 m²
Implementation of the impregnation layer or the bonding layer	Binder dosage	Authorized deviation from the theoretical dosage must not exceed more or less 0,05 kg/m²	
Runtime Tolerance	Viagraphe	80% of 10mm penetration values	1 longitudinal per track

* for at least 90% of the measurements carried out.

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

ARTICLE B 340 – ROAD AND SIDEWALK SURFACES

The road surface will consist of the implementation of concrete pavers dosed at 400kg/m3 (12 to 15 centimeters) on the roadway.
The Contractor will submit for approval to the Project Manager the list of small equipment he intends to use for the execution of the coverings.

The Contractor must:
determine the locations of deposits of intermediate materials if necessary, taking into account a minimum of brush clearing,
make drainage arrangements to avoid transport of aggregates by water,
avoid storing paving stones on the pedestrian crossing,

ARTICLE B 341 – MODE OF EXECUTION OF CONCRETE PAVER COATINGS

Implementation

Before the implementation of the layer of sand with a thickness of 5cm, grain size 0/5 centimeters, the Contractor will request, in writing, the authorization of the Representative of the Project Manager who will judge the state of the layer basic, in particular, its closure and its degree of humidity. If this proves to be excessive and if it is recognized that the base layer cannot regain an acceptable degree of humidity by simple superficial evaporation, the Holder must scarify and aerate it to bring it back to a satisfactory water content. . Restoration and new compaction will then be carried out, all this additional work being the sole responsibility and expense of the Holder.

After the implementation of the layer of sand with a thickness of 5 (five) centimeters, the Holder will aesthetically arrange the paving stones over the entire width of the roadway while respecting the slope of 2.5%. The joint mortar with a relative thickness of 2 centimeters dosed at 400 kilograms per cubic meter should fill the gaps between the pavers.

ARTICLE B 341 – MODE OF EXECUTION OF MULTILAYER COATINGS

Surface coatings will be carried out in accordance with the requirements of the C.C.T.G., booklet N-26 "Execution of surface coatings".

a) Dosage :

-Bi-couche

1st layer: 10 L/m² of 6/10 or 8/12 gravel
1,100 kg/m² de cut-back 400/600
2nd layer: 7 L/m² of 4/6 or 4/8 gravel
0,900 kg/m² de cut-back 400/600

- Tri-layer

1st layer: 12 L/m² of 10/14 or 12/18 gravel
1,200 kg/m² de cut-back 400/600
2nd layer: 10 L/m² of 6/10 or 8/12 gravel
1,000 kg/m² de cut-back 400/600
3rd layer: 6 L/m² of 4/6 or 4/8 gravel
8,800 kg/m² de cut-back 400/600

- Single layer

8 L/m² of 6/10 or 8/12
1, 00 kg/m² de cut-back 400/600.

b) Implementation

- The surface coating will only be carried out after the impregnating binder of the base layer or the bonding layer has completely dried.
- The binder will be placed using an all-binder spreader with multiple jets, equipped with a tank of at least 3000 l.
- Repeat spreading of binder will be done with strips of kraft paper to avoid "closets".
- The binder will be spread in one go over the entire width of the roadway to be covered at a minimum temperature of 125°C.
- The regularity of the spreading of the binder will be checked. The spreading speed will be regular and around 5 km per hour.
- The time interval between spreading the binder and spreading the aggregate must not exceed 5 minutes.

Under no circumstances should a part of the roadway where the binder has been spread be abandoned by cessation of work without having received all of the covering material. The regularity of the spreading of gravel will be checked in accordance with the indications in the table below:

Rolling will be carried out immediately after gravelling. It will be carried out using a compactor
with tires of at least 1.5 tonnes per wheel. The tires are uniformly inflated to a pressure of between 4 and 5 bars. The compaction speed should not be greater than 6 km per hour.

After opening to traffic, the discharge will be regularly eliminated by mechanical sweeping.

c) Tests and checks on the implementation of coatings

The required tests, controls, processes and results are given in the table below:

Test of implementation of surface coatings

NATURE OF TESTS	RESULTS REQUIRED			NUMBER OF TESTS
BINDER DOSAGE	Each control operation will include 4 measurements in the same transverse profile carried out using sheet metal test pieces. The regularity of the spreading will be evaluated according to the daily value R=D-d/d+d in which "d" is the maximum dosage and "d" the minimum dosage observed in the profile. This value will be less than 20.			At the request of the inspection engineer.
AGGREGATE DOSAGE	Each control operation will include 3 measurements in the same transverse profile. The gravel will be isolated in rigid sheet metal frames of 0.25 m side then collected and weighed by 10% plus or minus the theoretical quantities to be spread.			At the request of the inspection engineer.
	NATURE OF THE BINDER	TEMPERATURE STOCK	TEMPERATURE REPANDAGE	At the request of the control engineer
	Cut-back (0/1)		60°C	

	Cut-back (400/600)	70 – 80 60 - 70	125°C 130°C	
	Emulsions		Temperature aue 11°C	

ARTICLE B342 – DENSE COATINGS

Aggregates:

The granulation of the construction material will fall into the following reference zone: (given for information only)

sweetness (mm)	0,08	0,20	0,315	1	2	4	6	10
% Passerby	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 fraction 0/6.3 of the reconstituted mixture will be at least equal to 60, on fraction 0/4 of the sand; the sand equivalent will be greater than 40.

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

The binder content must be in the range 5.5 to 6.5 for bituminous concretes and 3.5 to 4.5 for bitumen gravels.

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 penetration of 60/70 or 80/100.

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

Typical formulas for dense asphalt:

The Contractor will formulate the composition of the dense mix that he plans to use. This composition must correspond to the requirements of the table below: (given for information only)

GRANNULATS	ENVELOPED COMPOSITIONS	SHAPE – MEDIUM TYPE
Proportion of 6/10 or 8/12%	30 – 35	30
Proportion of 4/6 or 4/8%	15 – 20	20
Proportion of contribution %	48 – 55	48
Filler contribution %	1 – 3	2
Particle size % passing		
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 m2/Kg	8,7 – 14,7	2012,8
Equivalent of sand of fraction 0/6	> 60	> 6
Durete Los Angeles	<< 35	<< 35
Shape Flattening coefficient)	Satisfactory	
VIALIT adhesive	Satisfactory	< 25
BITUMEN		
Hardness	60/70	60/70
MELANGE		
% B.B.	2,3 – 3,0	2,6
Wealth module % G.B.	3,0 – 3,9	3,75
Bitumen content % B.B.	5,5 – 6,5	6,2
Filler/bitumen ratio %	1,1 – 1,4	1,2
Bitumen content G.B.	3,2 – 4,2	3,7
PERFORMANCE ANTICIPABLES		
4.1 – DURIEZ or (LCPC)		
Rc DURIEZ at 18 °C 1+7 days air (bars) G.B.	50 – 100	65
B.B.	60 – 20120	80
Rapport Rc/Rc % G.B. – B.B.	0,65 – 0,85	0,70
Apparent density T/m3 G.B. – B.B.	2,25 – 2,45	2,30
Compactness % G.B.	88 – 94	> 90
BB	90 – 96	>> 92
4.2. MARSHALL		
Stability at 60° Kg/cm2 G.B.	700 – 1000	>> 850
B.B	800 – 1200	1000
Fluage in 1/10 mm G.B.	2,20 – 2,35	< 2,30
B.B.	2,25 – 2,45	< 2,35

Apparent density T/m3 G.B. – B.B.	2,20 – 2,50	>> 2,35
Compactness % G.B.	91 – 95	> 93
B.B.	92 – 96	> 94
Residual voids % G.B. – B.B.	12 – 4	8

ARTICLE B343 – CONTROL OF 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 marked by metal points leveled at the level of the roadway and indicated by a circular mark of white paint 0.10 m in diameter with a profile number corresponding to the project.

a) Profile a long

No point on the axis of the finished roadway must deviate by more than 1cm more or less from 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 circle and not by means of a semi-circle applied successively to the right part and the left part.

When the width of the roadway no longer allows the use of the template, the check will be done using a level.

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

c) Thickness

This check will be carried out by three surveys in the different layers on the same cross section, a survey in the axis of the roadway 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 no case may the thickness achieved be less than the thickness prescribed or defined by the Project Manager.

If the average thickness of the section is less than 0.25 cm and less than 1 cm, a price reduction will be applied.

Beyond this, the Co-contractor must implement an additional at least compensating layer whose thickness cannot be less than 3 cm.

ARTICLE B344 – CONTROL TERMS

The checks referred to in the table in 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 installation of the surface layer.

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

ARTICLE B345 – OBLIGATION OF THE CONTRACTOR WITH RESPECT TO CONTROL

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

ARTICLE B346 – POSSIBLE LOSS OF VALUE FOR NON-COMPLIANCE WITH TECHNICAL CLAUSES

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

If after having given the order to carry out a new adjustment, the Project Manager notices, 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 sampling having given satisfactory results:

by 0.1% difference in the dosage of the binder, 1% reduction on the price of m^2 implemented with maximum 5 %,

by 0.1% difference in the dosage of filler to sand, 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 – MODE OF EXECUTION OF RIVER WATER SANITATION WORK

ARTICLE B401 – INDICATIONS GENERALES

The water purification network will be built before the construction of the road bodies, surfacing and sidewalks.

The Co-contractor must check all the dimensions and indications of the plans which will be provided to him and ensure their concordance on the different plans and drawings.

Before opening the trenches, the Co-contractor will mark the installation axes with all stakes and chairs. 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 to the depth indicated on the longitudinal profile, increased by the height of the bedding for circular pipes and the thickness of the slab for gutters and scuppers; the bottom of the excavation, made of a material conforming to article B212.3 and 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 from the area of the trench the materials which constitute the covering as well as those of the foundation, without shaking or damaging the neighboring parts.

The materials will be sorted cleanly and deposited parallel to the trench so that they cannot mix or be transported to the deposit sites. As they are extracted, the excavated material will be put on hold before being reused as embankment.

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

The width of the trench must be sufficient in all respects to make it easy to place the culverts there, to make the structures and joints there and to carry out the backfill properly. The width of the trench will be at least equal to that of the structure or the external diameter of the pipe increased by 30 cm on either side.

Unless the ground is sandy, the bottom of the trenches will be leveled at least 15 cm below the level provided for the lower external generator of the nozzle. This thickness will be replaced by a bedding made of sand containing less than 12% of particles less than 1/10And of mm. The bedding will be leveled following the slope of the project. The surface will be well dressed 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 provided in the walls and bottom of the trenches.
In flood-prone terrain, the maximum length of excavations which can remain open before backfilling is set at 100 m; in ordinary terrain this length is 200 m.
Any depth of the excavation bottom due to the company will be carefully backfilled and packed in successive layers with materials conforming to articles B212 and B326, at the expense of the Co-contractor.
During the execution of the earthworks, the Co-contractor must take all necessary measures in accordance with the rules of the art to ensure the proper completion of the work, in particular, he will:
rock removal or any other provision allowing the fragmentation or loosening of rocky or very hard terrain,
exhausts, shoring, shielding, comfort work of all kinds to ensure both the safety of personnel and the possibility of correctly carrying out the planned works.
devices allowing the good conservation of structures and pipes.
all constraints are the responsibility of the Co-contractor, even if they are not explicitly mentioned in the contract documents.
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 approval of any provision that he deems unsuitable or dangerous.

ARTICLE B412-EXECUTION OF TRENCHES USING MECHANICAL MACHINERY

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

ARTICLE B413 – SHORING AND SHIELDING

The contractor must, if necessary, support the excavations by all means, in order to avoid all risks of landslides and to ensure the safety of personnel in accordance with the rules in force.
In the case of loose soils or likely to become fluid during the work, the retaining must be contiguous. In other cases, gaps can be left between the retaining elements in contact with the ground. However, these intervals cannot exceed twice the average width of these elements.

ARTICLE B414 – DRAINAGE UNDER PIPE AND STRUCTURES

When it is necessary to consolidate the land and the bed for laying pipes and structures due to the instability of the soil, the Contractor is required to carry out the desired drainage following the rules of the art at the using drains placed under the pipe or structure, all of which is surrounded by a sufficient thickness of gravel or suitable materials. The execution of concrete cleaning slabs, to ensure very precise leveling, or distribution scuppers to consolidate pipes or structures in loose terrain, may be imposed by the Control Engineer.

ARTICLE B415-FILLING OF TRENCHES

When the Project Manager has recognized that the tests of the pipes (see article B423) are satisfactory and that the slopes planned for the project have been respected, he will authorize the Co-contractor to proceed with backfilling the trenches, with category 1 backfill (see article 326). The backfilling of the trench, up to a uniform height of 15 cm above the upper outer generatrix of the pipe, will be carried out manually with caution, with the earth from the excavated of any elements likely to damage the pipe or with any other suitable material approved by the Project Manager (sand, loam or plant soil removed from stones, gravel, plant debris, etc.) that the Co-contractor is required to supply in cases where the excavated material from the trenches is not suitable .
This first layer of backfill, called wedging backfill, will be carefully rammed to ensure effective wedging of the pipe. Beyond this first layer, backfilling can continue using mechanical equipment.
The maximum thickness of 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 could occur around the backfilled trenches and which would be the consequence of the work. He must carry out maintenance operations and comply without delay with the instructions of the Project Manager.

ARTICLE B416 – KEEPING THE WORK OUT OF WATER

Excavation operations for drains and opening of excavations for structures risk encountering the water table. The organization of the work will be done from downstream to upstream in order to use the parts of drains and structures already created for the evacuation of excess water. The contractor is required to carry out all earthworks and construction completely dry.
In addition to maintaining surface flows outside the site, this will involve drawing down the water table.
The contractor must implement all necessary equipment such as horizontal drains, filters, suction pipes, pumps, etc.
The bottom of the excavations must have the same characteristics as the shaped bottom defined in article B212.3.
Drawdown work is included in the earthworks costs

ARTICLE B417 – IMPLEMENTATION OF FILTERING DEVICES

After the execution of earthworks below the water table level, filters will be placed
in place in accordance with the requirements of article B216.
- Horizontal filters
The filters are composed of a 10 cm layer of draining sand topped with a BIDIM U 24 type geotextile.
or similar and a layer of gravel 25 cm thick.
- Vertical filters
The vertical filters will be made of filter materials such as ENKADRAIN SK 20 or similar used in accordance with the manufacturer's instructions.

ARTICLE B420-DRAINAGE NETWORKS

ARTICLE B421 – INSTALLATION OF PIPELINES AND THEIR ACCESSORIES

B421.1 General

Pipe handling and storage

The handling of pipes of all types must be done with the greatest precautions. The pipes are placed gently on the ground or at the bottom of the trench and it is advisable to avoid rolling them on stones or rocky ground without first having made rolling paths using planks.
Any pipe that a wrong operation would have dropped from any height must be considered suspect and can only be installed after a new check.
The pipes must be temporarily stored on the site on a flat area. Wooden blocks 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 rails will be provided.
Regarding PVC pipes, all precautions must be taken to protect them from direct sunlight.

Examination of pipes before installation

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

Pipe cutting

Depending on the installation requirements, the Co-contractor has the option of cutting the pipes. Every precaution must be taken to ensure that the operation is only carried out when absolutely necessary and as infrequently as possible.
Cutting must be done with sharp tools or with chainsaws or saws, so as to obtain clean cuts.
The drop will always be 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 connection to the neighboring pipe a joint as solid as with a bot ordinary.

Laying pipes in trenches

After receipt of the excavation funds by the Project Manager, the pipes will be carefully lowered into the trench and presented well in line with each other, facilitating their alignment by means of temporary wedges made of packed clods of earth or corners. in wood. Temporary blocking using 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 installed from downstream, and unless otherwise prescribed by the Project Manager, the socket, when it exists, will always be directed upstream.
At each work stoppage, the ends of the pipes being installed will be sealed to prevent the introduction of foreign bodies. It is prohibited to take advantage of the clearance of the assemblies to offset the successive pipe elements by an angular value greater than that allowed by the manufacturer. Unless special provisions are approved by the Project Manager, the laying of the pipes in trenches will be carried out in such a way as to ensure, after backfilling, an earth cover with a minimum height of 70 cm above the outer upper generatrix of the pipe. when placed under the sidewalk and 1 m under the roadway.

Method – Assembly – Installation of joints

Before installation, the male and female ends will be cleaned. Before fitting, the joints and 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 expansion or withdrawal of the pipes.

Pipe laying tolerance

The collectors must be made in accordance with the "water line" sides of the execution project with a tolerance on the dimensions measured at each consecutive inspection manhole:
For slopes greater than 0.003 m/m, the execution tolerance in relation to the project dimension 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 controlled with the same tolerances as above.

The buffer slopes will be positioned in relation to the roadway or natural terrain with a tolerance of
± 0,5 cm.

B421.2 – Special requirements relating to the laying of concrete pipes

Not applicable

ARTICLE B422 – INSPECTION MANholes AND Drains

These works will be executed in accordance with the approved detailed plan. They must resist earth pressure, loads and overloads to which they will be subjected in service. In addition, they must ensure excellent waterproofing. For this purpose, a waterproof coating or M500 mortar with added SICA product or similar will be applied inside the manholes on the walls and slab.
The works will be made of reinforced concrete or very carefully vibrated poured concrete. The thicknesses will not be less than 10cm at any point. The Co-contractor may, however, propose any other construction technique for which it can justify the guarantees of stability and watertightness.
The interior surfaces will be smooth and waterproof. The connection of the pipes to the concrete structures will be carried out in such a way as to allow adhesion to the walls.
The foundation concretes which are poured on rocks must be carefully vibrated so that penetration is good and ensures a perfect bond. The inspection manholes located under the roadways will be made entirely of reinforced concrete.
Inspection manholes located under sidewalks or off the roadway, 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 inspection manholes comprising a cunette of height equal to the radius of the pipe on which they will be built, and two areas inclined at 10 connecting to the walls of the manhole. The PVC collector will pass completely through the manhole. The cunette will be obtained by cutting the upper half of the pipe, over the entire width of the manhole. This arrangement ensures perfect continuity of the "water line".
In the event that inspection manholes are provided for the rainwater network, this cunette will be obtained by a carefully smoothed concrete shape to which the inlet and outlet pipes are connected.

The manhole closure buffer frames will be sealed with M600 cement mortar, in the crowning rebate of the manhole, so as to allow careful connection at the level of the roadway or sidewalk.
The cells of the cast iron buffers will receive a concrete filling with asphatic or hydraulic binder, watered at the level of the ribs. The surfaces of the cells perfectly cleaned with the filling.
The composition and implementation of concrete and mortars will be carried out in accordance with the requirements of article B205.
The drains will be equipped with grids with a cast iron frame type PAM RE 30H6FD or similar with a breaking strength greater than 30,000 daN/cm².
Two types of drains are planned:
Low type for connection to surface network or buried network, under roadway crossing, height h = 0.50 m
High type for connection to buried network with road crossing of height h = 1.20 m.

ARTICLE B423 – PIPE TESTS

Not applicable

ARTICLE B424 – GENERAL TEST OF BURIED SANITATION NETWORKS

Not applicable

ARTICLE B425 – CONSTRUCTION OF CHANNELS AND SCUTTERS

Concrete gutters as well as culverts for road crossings, discharge structures and discharge structures will be executed in accordance with the detailed plan and the requirements of this CCTP relating to the construction of concrete structures.

The interior facings of the structures, slabs and walls will receive a waterproof coating (addition of water repellent) perfectly dressed and smoothed. No defects harmful to the proper flow of water will be tolerated.

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 to the pipes and structures. The expenses resulting from this work are only borne by the Co-contractor if the defects observed arise from the materials or products supplied or the implementation.
The Co-contractor is required to carry out, at its own expense, the replacements and repairs prescribed by the Project Owner, after formal notice remains without effect.
The obligations thus imposed will extend if necessary, until the works have been put into final acceptance.

ARTICLE B 500 – MODE OF EXECUTION OF ARTWORKS

Not applicable.

ARTICLE B502-MANUFACTURING AND TRANSPORTING CONCRETES

Fabrication

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,
Sable,
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 with a view to later adding water is prohibited.
The proportion of water introduced into the mixture will be measured either using special devices included in concrete mixers or mixers, or using containers of defined capacity. Unless otherwise prescribed by the Project Manager, the manufacturing equipment must be able to dose the aggregates, binder and water at 5% respectively.
Volumetric dosers 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 approval by the Project Manager. The manual manufacture of concrete may 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, during transport, excessive evaporation as well as the intrusion of foreign bodies. When the descent of the concrete is greater than 1.50 m, metal chutes will be used.

ARTICLE B503-IMPLEMENTATION AND HARDENING OF CONCRETES

Implementation of concrete

For the implementation of concrete, the Co-contractor will need the agreement of the Project Manager who will give his approval or instructions as quickly as possible taking into account the nature of this work.
The concrete will be implemented as soon as possible after manufacturing after agreement with the Project Manager. Concrete which is not in place within 60 minutes after the introduction of water into the concrete mixer, which is dried out or which has started to set, will be rejected.
The concrete will be placed in exhausted enclosures; from which any danger of washing will have been eliminated. The installation of the clean concrete will be completed by damage. Quality concrete will be vibrated throughout the mass.

Vibration of concrete

Only high frequency vibrations will be approved, from 9000 to 20,000 cycles per minute. The finishing of the slabs and slabs will be carried out by surface vibration.

Resumption of concreting

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

Concrete cure

The concrete will be kept away from the sun from the moment it begins to set. Its cure by humidification must begin as soon as it has completely set, it is no longer likely to be altered by water running over its surface.

The curing of current concrete 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 the amount of sunshine.

If necessary, the Co-contractor will have doormats, mats and canvases for the protection of free surfaces. The free surfaces of quality concrete will be protected by benches, mats or canvases. The protections and formwork will be kept flowing, day and night by permanent mechanical watering. The curing of the concrete will consist of maintaining it under a line of 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-SIDINGS

The exterior facings not seen will be kept as they have been stripped. They must be uniform in color, no nest of stones must be visible.

The 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 Co-contractor is required to carry out the work completely dry. Where the concrete is placed directly on the earthen excavation base, this will be previously leveled, compacted, cleaned and protected against water or deterioration and will be received by the Control Engineer.

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

B 505.2 – Layer of clean concrete

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

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

B505.3 – Formwork

The formwork must be sufficiently strong to resist any deformation after placing the concrete, waterproof, and must comply with the specifications of CCTG booklet No. 65.

The use of wires through concrete will be prohibited. Only specially designed bolts with easily detachable cones will be permitted.

All parts to be inserted into the concrete must be firmly fixed. Spaces may be reserved for the subsequent sealing of bolts at the approval of the Project Manager. Just before the concrete is placed, the formworks will be thoroughly cleaned and completely wetted on the inside.

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

Stripping requires the prior approval of the Project Manager and will be the entire responsibility of the Co-contr

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 Co-contractor must take all necessary measures to keep the concrete as fresh 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 doormats, mats or canvases. The protections and formwork will be kept flowing, day and night by permanent mechanical watering. The curing of the concrete will consist of maintaining it under a line of 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 up to a compressive strength of 13 MPA. Chemicals will only be applied for curing after approval by the Control Engineer.

The passage of means of transport over fresh concrete will only be authorized after the concrete has sufficiently hardened.

B 505.5 – Finishing of concrete surfaces

Concrete surfaces that do not remain visible will be regular. Any nests of stones will be transplanted and prepared with mortar or Epoxy resins to a depth of 3 cm before backfilling the works.

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

B 505.6 – Tolerances

Tolerances for concrete construction will be as follows:

Implantation deviation	10 mm
Deviation from the prescribed coast	10 mm
Deviation in unseen surfaces	20 mm / 3 m
Deviation in viewed surfaces	10mm / 3 m
Deviation of dimensions of cross sections	+ the 10 mm and – the 5 mm.

Works that do not meet accepted tolerances will be refused, demolished and the debris disposed of in landfills.

B 505.7 – Opening to be reserved in the walls

The connections of the tertiary and quaternary sewerage channels will be carried out 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 the structures and sewerage channels 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 held in the correct position during the pouring of concrete.

ARTICLE B 600 – MODE OF EXECUTION OF SPECIAL ARRANGEMENTS

ARTICLE B 601 – SAFETY DEVICE FOR PEDESTRIAN

Around intersections and on each side of pedestrian crossings, the traffic flow of metal barriers made of galvanized steel tube ofØ 60mm; fixed in concrete pads spaced 2.00 m apart in straight alignment and 1.50 m in curves. The height of the barriers will be 0.90 m. The barriers will be fixed on the blocks using a plate anchored on the block and must be removable.

ARTICLE B602-ANTI PARKING DEVICE

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

ARTICLE B 603 – SAFETY RAILS

They will be standard GS2 and GS4 types in galvanized steel.
The planning tolerance of the front face "execution side" of the sliding elements is plus or minus 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 the final covering directly above the slide will be 70 cm with a tolerance of more than 5 cm and less than 10 cm. After assembly, fine adjustment will ensure the parallelism of the sliding elements in relation to the roadway.
The supports will be made of galvanized cast steel (type UAP100, UPM100 or C100x 50 x 25 x 5) 1.50 m long and will be beaten after checking their verticality as well as that of the bell guiding device.
In the event of refusal to drive before the head of the support has reached the imposed dimension, if the plug is at least equal to 50 cm and after agreement from the Project Owner, the contractor may cut the support to the imposed dimension and drill.
If the plug is less than 50 cm, the contractor will have to tear off the support, pierce the obstacle then restart the sinking or carry out an excavation and sink the support into a foundation block with fine blocking sand previously implemented in this excavation .
The torn supports may only be reused after agreement with the Client or his representative.
The Client may require, at the contractor's expense, the replacement of supports which, after sinking, present defects such as bending, tearing, buckling or buckling. The sliding elements must be assembled in such a way that taken in the direction of traffic, their end covers the origin of the next element. The bolt heads must be placed on the front "traffic side" face of the sliding elements.

ARTICLE B 604 – BODY GUARD

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

ARTICLE B 605 - TRENCHES FOR CABLES AND SCABBARDS

The trenches will be carried out over the entire network created or moved (including the necessary connection sections) or at the request of the Engineer for specific problems.
The minimum depths for laying the pipes will be 0.80 m from the finished ground. The width of the trench should be as small as possible. Please note that the length of the open trench cannot exceed 200 m and that the trenches must not remain open for more than ten (10) days.
The Co-contractor must:
Obtain timely agreements from interested services or administrations for problems affecting traffic, trench opening, etc.
Ensure site safety and signage;
It will be planned for the construction of the trench:
Opening the trench on any terrain, including rock,
Straightening the bottom of the excavation free of any roughness that could damage the cable protection sheaths,
The possible spread including all labor and supply constraints,
The establishment of bridges for pedestrians and cars,
The installation of drainage pipes or clearance of gutters for the evacuation of water, the exhaustion of water,
Repair of any damage caused to pipes, structures and third party properties,
Protection of existing structures, pipes and pipelines,
A layer of sand or sifted earth 10 cm thick spread on the bottom of the trench before laying the cable,
After installation, the cable or sheath will be covered with sand or fine earth with a thickness of 10 cm topped with backfill compacted in successive layers.
Under the roadway, compacted gravel will be used.
It is provided :
A warning device to be installed above the cable and 0.40 m from the finished floor,
Mechanical shelling,
Removal of excess debris,
The temporary repair of the ground and maintenance until the definitive repair,
Cleaning the construction site.

ARTICLE B 607- SHEATHS – FLEXIBLE SHEATHS

The electrical cables will be laid under a PVC sheathØ 110 mm at a depth of 1 m and under a flexible sheath ofØ 60 between the draft and anchoring chamber according to the standard plans and the indications of the Control Engineer.

ARTICLE B 607 – WARNING MESH

The warning device will be a protective mesh, placed in the trenches above the cables and sheaths.
It will be made of resistant polyvinyl chloride (PVC) reinforced by two longitudinal polypropylene strips of a color appropriate to the pipe and 0.30 m wide.

ARTICLE B 608- DRAWING CHAMBER

The drawing chambers will be of such a size that a man can work there pulling a cable or making a connection box.
The ends of the sheaths leading to the chambers must be leveled at the level of their interior surface and the joint between the sheath and the chamber must be sealed with cement.

The lid handling handles will be retractable and their housing will allow the insertion of a removal hook. The retracted position, the exterior surface of the cover will be free of rough edges.
All chambers will be prefabricated or cast in place and will have standardized dimensions. The rooms will be located outside the areas where vehicles are supposed to drive or park.
If this is not possible, they must be designed to support the load of larger vehicles.

ARTICLE B610 – BORDERS

They will be prefabricated or cast in place in concrete dosed at 350 kg of cement per m3 and will be placed on a 200 kg concrete base with a minimum thickness of 10 cm and comprising a vertical return intended to support the curb on the sidewalk side.
The altitude tolerance will be 1 cm compared to the prescribed level: the alignment will be strictly respected to plus or minus 1 cm per 10 m.
The contractor will take all measures to avoid any movement of the edges during the construction of the roadways and in particular during the compaction of the foundation and base layers.

ARTICLE B 700 - HORIZONTAL SIGNAGE

Not applicable

ARTICLE B 701 - QUALITY AND TESTING OF CONSTITUENT MATERIALS

Not applicable

ARTICLE B 702 – GENERAL REQUIREMENTS ON SUPPLIES

Not applicable

ARTICLE B 703 – MANUFACTURING PROCESSES AND CONTROL

Not applicable

ARTICLE B 704 - CONSISTENCY OF WORK

Not applicable

ARTICLE B 705 - CONSISTENCY OF WORK

Not applicable

ARTICLE B 708 - MARKINGS ON ROADS

Not applicable

ARTICLE B 709 – CLEANING WORK

Not applicable

ARTICLE B 710 - MODE OF EXECUTION OF WORK

Not applicable

ARTICLE B 711 – CONDITIONS D'EXECUTION

Not applicable

ARTICLE B 800 – NETWORK MOVEMENT EXECUTION MODE

ARTICLE B 801 – GENERAL

The networks located in the right-of-way of the roadways must be moved to the right-of-way of the sidewalks or protected in accordance with the standards of the concessionary services (CDE – AES/SONEL – CAMTEL – etc.)
The network relocation plans provided in the APD files are given for information only and must be verified and possibly supplemented by the Co-contractor who must also provide the network relocation projects and execution plans.
It is up to the company to take the necessary measures so that the details of approval of these plans are integrated into the planning 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 local constructions and ensure the connection of local residents during the duration of the work.

ARTICLE B 802 – RECOGNITION TRENCHES

The search for existing networks will be carried out using reconnaissance trenches carried out manually at the expense of the company.
All precautions must be taken to avoid damaging the networks.

ARTICLE B 803 – EXECUTION OF WORK

The work will be carried out in accordance with the technical requirements imposed by the concessionary services and controlled by the latter's applicants assigned to the Project Manager.
Cables and water pipes located under the existing retained roadway will not be moved or protected.
Cables and pipes with a diameter less than or equal to 200 mm under new roadway (widening or new lanes) will be left in place and protected by a concrete load distribution slab.
A distribution pipe will be placed under each sidewalk (PVC□ 20120 to 160 mm) to ensure connection to 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, who will ensure the control and reception of the works.
The works must be carried out by companies approved by the concessionaires or by the concessionaires themselves (bidders must inquire with the concessionaires to take into account the conditions of execution of the work in the prices).
The backfilling of excavations, trenches, road repairs, leveling and cleaning of the surrounding areas are the responsibility of the Co-contractor, in accordance with the requirements of this CCTP.
The operating and commissioning tests are the responsibility of the Co-contractor, and will be carried out in accordance with the requirements of the concessionary services.

ARTICLE B 900 – MODE D'EXECUTION DES PLANTATIONS

Not applicable

ARTICLE B 901 – ORIGIN AND QUALITY OF TREES AND SHRUBS

Not applicable

ARTICLE B 902 – MODE OF EXECUTION OF WORK

Not applicable

ARTICLE B903 – ENGAZONNEMENT

Article B 900.3.1 PLACEMENT OF PLANT SOIL

The topsoil used will first be broken very finely, carefully purged of stones, roots and moistened herbs before spreading.
As it spreads, it will be beaten with a flat lady or rolled with a light cylinder.
The thickness of the topsoil is 10 cm minimum. The execution tolerance is plus or minus 5 cm compared to the theoretical profile.
The placement of topsoil will be carried out outside of rainy periods.

Article B 900.3.2 ENGAZONNEMENT

The embankments and road platforms that have been leveled but not paved must be grassed.
The sowing period and the choice of grains will be subject to the approval of the Control Engineer.
Seeding will be done on previously loosened soil to a thickness of 10 cm and the spreading of the grains must be regular and in sufficient quantity to obtain suitable vegetation. After the
spreading, the earth will be leveled and firmed with a beater.
The contractor will be required to re-seed areas where the grass has not emerged as soon as possible.

ARTICLE B 904 – CLEANING

As the work is completed, the contractor must clean the roads, squares, alleys, in all cases where the work has contaminated the surfaces.

ARTICLE B905- WARRANTY AND MAINTENANCE

Article B 900.5.1 WARRANTY

The Contractor undertakes to guarantee the capture of all the trees. During a guarantee period set at one year,
The Contractor will replace at his expense any plantations which perish or whose recovery is defective, at
The exclusion of those destroyed following shocks or accidents caused by people outside the
The company.

Article B 900.5.2 MAINTENANCE

The Contractor will maintain the trees and shrubs for one year. Maintenance operations will include:
- The size necessary to give the trees the natural shape and reach;
- Disbudding, possible weeding and the fight against cryptogamic diseases and parasites.
- Maintenance around trees by hoeing or plowing as frequently as possible;
- Watering, application of fertilizers and manure;
- Cleaning of surfaces and disposal of waste.

Regarding watering, the Contractor will be responsible for supplying and transporting water.

ARTICLE B907 - PAVING

a) Layer of sand

It is a 5 cm thick layer made of clean fine sand.

b) Paving paving stones

The pavers in question are of the self-locking type. They must be vibrated and compacted during manufacturing and respect the following mechanical characteristics:
Compressive strength: 29 MPa for those used on the motorable section and 25 MPa at least for the bending section;
Bending tensile strength: 5 MPa for the vehicle section and 3 MPa for the pedestrian section.
These characteristics must be previously proven by the contractor through tests carried out by a specialized laboratory 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 above-mentioned mechanical characteristics.
The shapes, colors and patterns to be created will be approved in advance by the Project Manager.
The blocking of the paving stones is done using clean fine sand while the laying bed 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 – DEVELOPMENT OF THE EXISTING CLAMP

Not applicable

ARTICLE B908 - SIGNAGE

This is the vertical signage to be applied:
ƒ at the entrances
ƒ at the intersection of the pedestrian and vehicle sections.
The patterns and materials to be used will be approved in advance by the Project Manager.

ARTICLE B909 – PLOTS AND CONCRETE

The concrete will be dosed at 300 kg/m3. Each pedestal 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 decided by the Project Manager.

ARTICLE B1000 – ENVIRONMENTAL GUIDELINES

Context

Road maintenance work and 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 environmental impacts, because 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 developed in 1996 Law No. 96/12 of August 5, 1996 relating to the framework law relating to environmental management. This law sets the general legal framework

for environmental management in Cameroon and specifies in its chapter 2And, 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 significant modifications that construction and maintenance work on urban roads are likely to produce, the Ministry of Housing and Urban Development has developed specific environmental clauses to be implemented. implemented during the execution of projects respond to calls for tenders falling within its competence.
In this perspective, companies which, through the maintenance work on urban roads launched by the MINHDU, must now respect the clauses published below if they are retained.

1) SITE INSTALLATION

The provisions mentioned below must be observed, as appropriate.
The Co-contractor must, for environmental protection purposes, 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 homes.
The site's internal regulations must specifically mention:
Safety rules;
Prohibition of alcohol consumption during working hours;
Raising staff awareness of the danger of STDs/AIDS;
Respect for the habits and customs of local populations;
Information and awareness sessions must be held regularly and the regulations must be visibly displayed in the various facilities.
Choose the location of its deposits (quarries, borrow pits) and material deposits so as not to cause harmful disturbances to the environment,
Take all necessary measures to avoid accidental pollution of water or soil during the work.

Receptacles to receive waste must be installed near the various facilities. These receptacles must be emptied periodically and the waste placed in a landfill. Toxic waste must be recovered separately and treated separately according to established standards.
The machine washing areas must also be concreted with a sump for recovering oils and greases. This maintenance area must have a slope towards the sump and towards the inside of the platform in order to avoid the flow of polluting products towards the uncoated floors.
The storage areas for hydrocarbons for refueling, the storage area for binders and hydrocarbons for coating must be concreted and include protection devices to avoid the accidental spilling of these products and contamination of the soil. Absorbent products must be stored nearby and all equipment and safety measures in place.
Used oils should be stored in drums in a secure location while awaiting recovery for recycling purposes; batteries and oil filters should be stored in waterproof containers, eventually destined for a recycling center,
The site should provide adequate water drainage over its entire surface area.
At the end of the work, the Co-contractor will carry out all the work necessary to restore the premises.
After the equipment has been removed, a report recording the restoration of the site must be drawn up and attached to the Report of acceptance of the work.

2. CLEARANCE OF RIGHT-OF-RIGHTS

Clearing consists of cutting, without uprooting, all vegetation (grass, trees, shrubs) growing in the immediate vicinity of the traffic surface: shoulders, ditches and embankment crests;
It is prohibited to use the grader to clear the shoulders unless it involves repairing the shoulders. Clearing must be carried out manually; this task requires so-called labor-intensive techniques (HIMO);
All trees and branches overhanging the surrounding area and threatening to fall onto the roadway 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 in order to facilitate the flow of water and allow regular inspections of the structure.
All plant waste will be carefully removed from shoulders, ditches or structures and evacuated to designated areas allowing them to be burned safely. Burning on site is strictly prohibited.
The Co-contractor must take all necessary precautions to avoid causing any damage to local residents, water pipes, telephone lines, electrical lines, etc.

3. BORROWINGS AND DEPOSITS

The following criteria must be respected for opening a career:
Distance from the site at least 30 m from the road;
Distance from the site at least 100 m from a body of water;
Distance from the site at least 100 m from homes;
Preference to be given to non-cultivated and non-forested areas;
Preference to be given to areas of gentle slopes.
The Co-contractor must submit to the project manager the list of sites it intends to exploit as well as a redevelopment plan for each site, indicating the work to be carried out for the rehabilitation of the exploited sites.
He will only be able to begin operating work on borrow pits and quarries after receiving written authorization from the project manager.
During the execution of the work, the Co-contractor will ensure:
That the storage areas for covering materials not usable for the purposes of the work are chosen so as not to hinder the normal flow of water;
To the conservation of the plantations delimiting the quarry;
The maintenance of access roads;
Noise attenuation, protection from neighboring homes;

The installation of all the signs necessary for the smooth running of the work;
Regular cleaning of the surface of paved roads in the absence of a device for cleaning truck wheels and machinery;
That all measures are taken so that runoff water can flow normally outside the right-of-way of the planned road without causing damage to neighboring properties;
That 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 during the operation of quarries for maintenance work on paved roads, a device for cleaning the wheels of trucks and machines is installed in order to avoid dirt on the road surface.
The work to be carried out for the rehabilitation of the sites mentioned above will include, among others:
Leveling the cover materials and then leveling the topsoil to facilitate water percolation and avoid erosion;
Restoration of previous natural flows;
Removing the dilapidated appearance of the site by distributing and hiding the large blocks;
The development of guard ditches to prevent erosion of regal land;
The withdrawal of all equipment, machinery and materials, the demolition of any installation and the removal of all waste and rubble and their storage at an approved location.
After the sites have been prepared in accordance with the requirements, a report will be drawn up and attached to that of reception.
As soon as a borrow pit or 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 TRANSPORT OF MATERIALS AND EQUIPMENT

For all transport of materials and equipment, whatever they may be, the Co-contractor must comply with the regulations in force, concerning the restrictions imposed on the weights and dimensions of machines and convoys using the public network and in particular:
Environmental protection measures (loss of materials during transport, dust, etc.) Take all necessary measures to limit the speed of vehicles on the site;
Installation of signage and flag bearers.
Regularly water traffic routes in populated areas;
Plan diversions via existing tracks and roads.

5. DEPOSITS AND MAINTENANCE OF THE WEARING COAT

The Co-contractor must place the materials to be used at regular intervals in areas that do not prevent the normal flow of water.
In order to guarantee safe circulation, the company must only deposit quantities that can be used the same day (all piles must be sorted at the end of the day).
The Co-contractor must, after scarifying the roadway, supplying materials and reshaping the materials with the grader:
Proceed with watering and compacting the roadway;
Organize the distribution of piles on one side of the road at a time over limited distances;
Proceed to adjust as you go;
Install adequate mobile signage;
Regulate through traffic by flag bearers;
Avoid the accumulation of lateral banks on the shoulders and ditches;
Restore the drainage system and access to riverside homes;
Remove excess soil from the ditches, place and level the land outside the right-of-way in places that do not obstruct the normal flow of water.

6. MISCELLANEOUS REPROFILES

The Co-contractor must, after scarifying the roadway and reshaping the materials with a grader, water and compact the roadway. He must :
Avoid the accumulation of lateral banks on the shoulders and in ditches;
Restore the drainage system and access to riverside homes;
Make passes with the grader until the corrugated metal disappears;
Execute passes with the grader while avoiding the creation of cords;
Remove loose stones and place them outside the road right-of-way in locations that do not obstruct the normal flow of water;
Install signage on machinery, flag, rotating beacon;
Install adequate mobile signage before the construction site;
Regulate traffic by flag bearers.

7. MAINTENANCE OF THE SHOULDERS OF COATED ROADS

The Co-contractor must:
Plan an installation in relation to the volume of work (see site installation);
Intervene on unpaved shoulders as soon as the degradation reaches more than 3 cm;
Bring the materials necessary for reloading, spread them and compact them after watering;
Organize the distribution of piles on one side of the road over restricted distances;
Proceed to adjust as you go;
Restore the water evacuation system from the platform by adjusting the shoulders;
Remove excess materials in the ditches, deposit and level the land outside the right-of-way in places that do not hinder the normal flow of water;
Put in place adequate signage;
Regulate through traffic by flag bearers;
Avoid the accumulation of lateral banks on the shoulders and ditches.

8. PARTIAL USES USING VARIOUS MATERIALS

The Co-contractor must take the same measures as in the site installation chapter. He must :
Determine the locations of material deposits taking into account a minimum of brushing;

Make drainage arrangements to prevent the aggregates from being washed away by water;
Regularly remove loose gravel rejects;
Put in place adequate signage;
Take safety measures for asphalting 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 demonstrations;
At the end of the work, the Co-contractor will do what is necessary to restore the premises (removal of all its equipment, machinery and materials), in order to restore the site to its initial state;
After the equipment has been removed, a report recording the restoration of the site must be drawn up and attached to the work acceptance report.

9. CONTROL OF VEGETATION AT THE LEVEL OF THE SLOPES, SHOULDERS, DITCH WALLS.

Clearing consists of cutting, without uprooting, all vegetation (grass, trees, shrubs) growing in the immediate vicinity of the traffic surface: shoulders, ditches, embankments and embankment crests; 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 disposed of in designated areas in a suitable location away from any habitation. 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 watering pump to prevent any possible spread of fire in the vicinity of the site.

It is prohibited to use the grader to clear the shoulders. Clearing must be carried out manually. This task is labor intensive work.

10. MANUAL OR MECHANICAL MAINTENANCE OF PITS.

The Co-contractor must:
Clean the ditch manually or mechanically to restore the initial size;
Leave the roots of the vegetation intact unless they present a threat to the structure;
Carry out diverging ditches according to the instructions of the project manager if the section of the ditch is insufficient. The cleaning products must be set to a low thickness and in areas that do not require clearing and outside residential areas.

11. FIGHT AGAINST DITCH EROSION

The Co-contractor must:
Carry out work to re-stabilize ditches and shoulders as well as the water speed limitation device following the directives of the project manager;
Ensure site safety and report work adequately;
Ensure that the materials deposited do not obstruct the normal circulation of water;
Clear the roadway of ditch repair materials to avoid congestion;
Reconstruct the shoulders;
Improve the resistance of the soil by masonry or lined ditches following the instructions of the project manager;
Ensure that all excess materials are removed and disposed of in an approved location without obstructing the normal flow of water.

12. MAINTENANCE OF SANITATION WORKS

(Fight against silting and erosion)

The storage of materials and equipment necessary for the work must be done in areas outside homes. The Co-contractor must:
Clear all solid products obstructing the works;
Place gabions in high current areas;
Reinforce the banks with riprap, gabions, masonry riprap;
Reinforce the bank fill soil;
Adequately signal work near the edge of the roadway;
Carry out the work preferably before the rainy season.
At the end of the work, remove all rubble and waste outside the area and to a location authorized by the project manager.

13. MAINTAINING CIRCULATION

During the work, the Co-contractor is required to ensure traffic in conditions of sufficient safety, and take into account environmental protection measures (dust, noise, etc.).
The public traffic diversion routes must be submitted to the project manager for approval before any work is carried out. If any property is destroyed, the company must compensate the people affected.
After the work, the company must return the route of the deviations to its initial state as much as possible, and in particular scarify the route in order to decompact the soil and reestablish 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 should be collected from them. The project manager will be able, with the help of a local NGO, to raise awareness among populations about 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 the following:
has. Is punishable 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 who has:
- carried out, without an impact study, a project requiring an impact study;
- carried out a project that does not comply with the criteria, standards and measures set out for the impact study;
- prevented the carrying out of the controls and analyzes provided for by the said law and/or its implementing texts;

b. Is punishable 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 the soil 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 penalty amount is doubled.

vs. Is punishable 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 two only, any person who operates an installation or uses a movable object in contravention of the provisions of the said law. In the event of a repeat offense, the maximum penalty amount is doubled.

d. Without prejudice to the prerogatives recognized by the public prosecutor, judicial police officers with general competence, sworn agents of the administration in charge of the environment or other administrations concerned are responsible for research, observation and prosecution in repression of infringements of the provisions of this law and its implementing texts.

A company violating or having contravened the law arising during road works will be excluded for a period of one year from the right to tender.

Any violations of the requirements duly notified to the company by the project manager must be corrected. The resumption of work or additional work resulting from non-compliance with the clauses is the responsibility of the Co-contractor.

ARTICLE B1100 – GUIDELINES FOR THE USE OF STABILIZING PRODUCTS

SOURCE OF MATERIALS

Stabilizing products are highly concentrated chemicals with high stabilizing power.

The co-contractor must possibly comply with the list of stabilizing products approved by the Ministry of Public Works for additional information.

MODE D'EXECUTION

IV.1 - HEAVY REPROFILING WITH STABILIZER WITHOUT SUPPLY OF MATERIALS FROM THE EXISTING PAVEMENT

When the existing roadway is sufficiently wide and does not require additional earthworks, the Co-contractor will carry out heavy reprofiling with roadway stabilizer using a grader fitted with a ripper so as to restore a cross-sectional profile in accordance with the standard plans . This reprofiling will be carried out following the rules of the art (laying the materials in a bead, watering with the Stabilizing water mixture, adjustment then compacting) so as not to lose any materials. The minimum compactness required is 95% of the OPM.

An in-situ density measurement will be carried out every 200 meters. The Proctor reference density will be measured on a sample taken every 5 km or at each notable change in the nature of the material in the existing wearing course.

IV.1.2 - Description of the work

This task consists of reshaping the existing roadway platform.

This operation also includes the total weeding of the trafficable surface and the immediate edges of the shoulders, developed ditches and ridges.

Before any work begins, the quantities of work to be carried out per section will be measured contradictorily and as precisely as possible, whatever the method of execution adopted. All waste, polluted or annoying materials will be disposed of in storage.

IV.1.3 - Method of execution of the work

The scarification of the roadway will be systematically carried out mechanically using a scarifier mounted on a grader or other suitable earthmoving machine, to a thickness of 15 cm and at least to the bottom of the existing gullies.

Once the scarification has been carried out, the Co-contractor will adjust the roadway and evacuate all the overgrown topsoil from the base, so that after watering and compaction, the roadway presents a profile respecting the standard cross-sectional profile defined in this document. case.

The Co-contractor will water and compact the roadway. The watering and dosage of the stabilizer will be defined by homogeneous zone in order to obtain maximum compactness where the dry density will be 95% of the OPM.

Compaction will be carried out depending on the type of equipment used and the nature of the materials spread. The number of passes will be defined by the creation of test boards. The profile after compaction must follow the standard cross section defined in this file.

The materials used by the Co-contractor for scarification, spreading, watering and compaction must be subject to approval by the MOE.

The transverse slope of the platform will be controlled using templates and a water level, possibly, when great precision is sought, by levellers adjustable in height from points transferred transversely outside the extent of the works and previously listed in altimetry.

The profile of the roadway after reprofiling and compaction must not have a deviation greater than 2 cm from the standard cross-sectional profile of this contract.

Any materials that may have fallen into the ditches must be disposed of in storage, after work, outside the road right-of-way.

If there are no natural low points that can allow the proper evacuation of runoff water, retention basins or catch basins will be created in appropriate locations.

IV.1.4 – Methodology and sequence of tasks.

Scarify at least 15 cm over the entire planned width of the layer to be stabilized;

First watering with addition of stabilizer (30% of the quantity planned per m^2) ;

Rolling up the 15 cm of scarified and moistened materials on the shoulders of the roadway;

Scarification of the bottom of the form, watering with a very light addition of stabilizer to improve the bearing capacity of the supporting soil (10 to 20% of the quantity planned per m^2) ;

Adjustment of the bottom of the form and compaction to 90% of the OPM defined on the material in place;

Second watering with addition of stabilizer (30% of the quantity planned per m^2) on materials placed in cord before adjusting the roadway;

Third watering with addition of stabilizer (30% of the quantity planned per m^2) ;

Very serious mixing with the grader or better with the pulvimixter;

First setting with formatting;

First light compaction to allow temporary circulation;

Wait one or two days, if the site allows it, to obtain good diffusion of the stabilizer and contact with as many clay particles as possible;

Resumption of final implementation, verification of the water content provided for in the OPM, addition if necessary of ordinary water (without stabilizer), additional mixing, adjustment;
Final compaction until obtaining at least 95% of the OPM over the entire wearing course of the roadway and compact the shoulders if possible at least 90% of the OPM;
Fine adjustment and closure of the surface with a few passes of the compactor;
Permanent opening of traffic;
Maintain surface humidity for approximately two weeks. This recommendation must be respected, especially when there is strong sunlight and intense surface evaporation.

IV.2 - HEAVY REPROFILING WITH STABILIZER WITH ADDITION OF MATERIALS FROM THE EXISTING PAVEMENT

The characteristics of the materials intended for heavy reprofiling with stabilizer have been defined in article 4. Heavy reprofiling will be carried out over a minimum width of six (6) meters on the surface, to a thickness of 15 cm measured after compaction on a setting. form to the stabilizer. The cross section must correspond to that specified for the platform.

Implementation will be done at the optimum Proctor Modified water content plus or minus two (2) points. The Co-contractor will take the necessary measures to humidify or aerate the material so as to obtain the required water content. Particular attention must be paid to the dosage of the stabilizer.

The compactness required for the wearing course is set at 95% of the Proctor Modified dry density. A test board will be produced to determine the compaction workshop and the number of passes necessary to achieve the required compactness.

At least one in-situ density measurement will be carried out using a membrane densitometer every 200 meters. The thickness of the stabilized layer will also be measured with the addition of materials every 500 meters. No thickness less than 0.15 meters will be tolerated.

The MOE reserves the right to use its own means or to call on an approved laboratory to carry out all the verification tests it deems necessary. If on a given section, these tests give more than 20% out-of-specification results, the Co-contractor will resume compaction. And if a measurement of the thickness of the stabilized layer with addition of materials gives a result less than 0.15 meters the corresponding section will be scarified, reloaded and compacted again until the thickness and compactness are obtained required.

In either case, all verification costs will be charged to the Co-contractor.

IV.2.1 - Description of the work

This task consists of a mechanical intervention of scarification and compaction with stabilizer of the platform and the implementation of materials previously treated with stabilizer of the wearing course.

IV.2.2 - Method of execution of the work

The scarification of the roadway will be carried out mechanically using a scarifier mounted on a grader or other suitable earthmoving machine, to a thickness of 15 cm and at least to the bottom of the existing gullies.

Once the scarification has been carried out, the Co-contractor will adjust the roadway and evacuate all the overgrown topsoil from the base, so that after watering and compaction, the roadway has a profile respecting the standard cross-section profile defined in this document. case.

The Co-contractor will water (water + stabilizer) and compact the roadway. Watering will be defined by homogeneous zone in order to obtain maximum compactness where the dry density will be 95% of the OPM.

Compaction will be carried out depending on the type of equipment used and the nature of the materials spread. The number of passes will be defined by the creation of test boards. The profile after compaction must follow the standard cross-section profile defined in this file.

The equipment used by the Co-contractor for scarification, spreading, watering and compaction must be subject to approval by the MOE.

The transverse slope of the platform will be controlled using templates and a water level possibly, when greater precision is sought, by levels adjustable in height from points transferred transversely outside the extent of the works and previously listed in altimetry.

The profile of the roadway after reprofiling and compaction must not have a deviation greater than 2 cm compared to the standard cross-sectional profile of this contract.

Any materials that may have fallen into the ditches must be disposed of in storage, after work, outside the road right-of-way.

IV.2.3 – Methodology and sequence of tasks.
Scarification of the bottom of the form, watering with a very light addition of stabilizer to improve the bearing capacity of the supporting soil (10 to 20% of the quantity planned per m^2) ;
Adjustment of the bottom of the form and compaction to 90% of the OPM defined on the material in place;
Contribution of materials which, if possible, have already been partially moistened to the borrowing sites;
Second watering with addition of stabilizer (30% of the quantity planned per m^2) on the materials before adjusting the roadway (70% if the first watering was not done on the borrow site);
First mixing either with the grader or with a pulvimixer;
Third watering with addition of stabilizer (30% of the quantity planned per m^2) ;
Second very serious mixing to obtain maximum homogenization;
First setting with formatting;
First light compaction to allow temporary circulation;
Wait one or two days, if the site allows it, to obtain good diffusion of the stabilizer and contact with as many clay particles as possible;

Resumption of final implementation, verification of the water content provided for in the OPM, addition if necessary of ordinary water (without stabilizer), additional mixing, adjustment;
Final compaction until obtaining at least 95% of the OPM over the entire wearing course of the roadway and compact the shoulders if possible at least 90% of the OPM;
Fine adjustment and closure of the surface with a few passes of the compactor;
Permanent opening of traffic;
Maintain surface humidity for approximately two weeks. This recommendation must be respected, especially when there is strong sunlight and intense surface evaporation.

IV.2.4 – Preparation of materials at the borrowing site

This method is far preferable if the exploitation of the loan allows it. In this case, we prepare a platform of approximately 50 cm. After stripping and before stacking with a Bulldozer by half width to reduce the pushing distance and to a thickness not exceeding approximately 25 cm, we moisten the soil with a WATER and stabilizer mixture (we will spread approximately 40% of the planned quantity of stabilizer) . This already pre-moistened material which will be handled several times (stacking, loading, unloading, spreading) will therefore undergo pre-mixing which will allow better distribution of the stabilizer in the mass of the filler material and will also facilitate the implementation and the compaction.

Document No. 6:Schedule of unit prices

Three coats surface dressing of atogolah road leading to Atogolah road leading to atogolah Field /supply of culvert rings of diameter 800 and 1000 for the maintenance of council roads in Bamenda I sub division - Mezam Division - North West Region

Length = 945 m cariage way = 7 m Width of entire road = 10 m

N°	DESIGNATION	U	QTE	UP IN FIGURE	UP IN WORDS
100	PRELIMINARY WORKS				
101	Site installation, mobilization and demobilization of equipment	ft	1		
102	Execution program	ft	1		
	Sub total 100				
	ROAD SIDES WORKS				
103	Stumbling,trimming of top soil including disposal	m^2	6000		
104	Grass clearing	m^2	6450		
105	felling of tree (diameter 150 cm)	unit	5		
	Sub total 100				
200	EARTH WORKS				
201	Opening of road and shaping of platform with gutters/offshoots	m^2	6450		
202	Scacrification of earth existing road surface and molding of platform with ditches and outlets	m^2	9450		
	Sub total 200				
300	ROAD SURFACE				
301	Foundation layer with natural lateritic gravel (thickness of 10cm)	m^3	350		
302	Base course in crushed aggregates 0/31.5 (thickness of 10cm)	m^3	350		
303	Bitumen layer for protection of the base layer	m^2	1200		
304	Triple superficial coating	m^2	1200		
	Sub total 300				
500	DRIANAGE WORKS				
401	putting in place of reinfocred concrete Ring culvert diameter 1000	ml	10		

402	supply of reinfocred concrete Ring culvert diameter 1000	ml	30		
403	supply of reinfocred concrete Ring culvert diameter 800	ml	6		
404	Reinforced concrete gutters of rectangular section 0,50x (0,50≤h≤70)	ml	200		
405	Reinforced gutter slabs of width= 50cm thickness = 15 cm)	ml	50		
406	R.C Ring culvert heads for diameter 1000 mm	U	2		
407	R.C Ring culvert heads for diameter 800 mm	U	2		
408	Bordure de trottoir de type T2	U	300		
	Sub total 500				
500	DISPLACEMENT OF NETWORK				
501	Displacement of CAM water	ls	1		
502	Displacement of ENEO	ls	1		
503	Alignment of trees and grass for beautification	ls	0		
	Sub total 500				

Document No. 7:BILL OF QUANTITIES AND COST ESTIMATES

Three coats surface dressing of atogolah road leading to Atogolah road leading to atogolah field/supply of culvert rings of diameter 800 and 1000 for the maintenance of council roads in Bamenda I sub division - Mezam Division - North West Region

Length = 945 m cariage way = 7 m Width of entire road = 10 m

N°	DESIGNATION	U	QTE	UP	TOTAL AMOUNT.
100	PRELIMINARY WORKS				
101	Site installation, mobilization and demobilization of equipment	ft	1		
102	Execution program	ft	1		
	Sub total 100				
	ROAD SIDES WORKS				
103	Stumbling,trimming of top soil including disposal	m^2	6000		
104	Grass clearing	m^2	6450		
105	felling of tree (diameter 150 cm)	unit	5		
	Sub total 100				
200	EARTH WORKS				
201	Opening of road and shaping of platform with gutters/offshoots	m^2	6450		
202	Scacrification of earth existing road surface and molding of platform with ditches and outlets	m^2	9450		
	Sub total 200				
300	ROAD SURFACE				
301	Foundation layer with natural lateritic gravel (thickness of 10cm)	m^3	350		
302	Base course in crushed aggregates 0/31.5 (thickness of 10cm)	m^3	350		
303	Bitumen layer for protection of the base layer	m^2	1200		
304	Triple superficial coating	m^2	1200		
	Sub total 300				
500	DRIANAGE WORKS				

401	putting in place of reinfocred concrete Ring culvert diameter 1000	ml	10		
402	supply of reinfocred concrete Ring culvert diameter 1000	ml	30		
403	supply of reinfocred concrete Ring culvert diameter 800	ml	6		
404	Reinforced concrete gutters of rectangular section 0,50x (0,50≤h≤70)	ml	200		
405	Reinforced gutter slabs of width= 50cm thickness = 15 cm)	ml	50		
406	R.C Ring culvert heads for diameter 1000 mm	U	2		
407	R.C Ring culvert heads for diameter 800 mm	U	2		
408	Bordure de trottoir de type T2	U	300		
	Sub total 500				
500	DISPLACEMENT OF NETWORK				
501	Displacement of CAM water	ls	1		
502	Displacement of ENEO	ls	1		
503	Alignment of trees and grass for beautification	ls	0		
	Sub total 500				
	TOTAL WITHOUT TAX				
	TVA 19.25%				
	AIR 2.20 OR 5.5%				
	NET PAYMENT				
	TOTAL WITH TAX				

Document No. 8 Schedule of sub-detail of prices

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

Document No. 9: Model Contract

REPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie

MINISTERE DE LA DECENTRALISATION ET DU DEVELOPMENT LOCALE

REGION DU NORD-OUEST

DEPARTMENT DE LA MEZAM
COMMUNE DE BAMENDA I

Tel: 677 177 974 / 6 99 29 83 69
P.O BOX 4152
Website:bda1council.org
Email : infobda1council@gmail.com
support@bda1council.com

REPUBLIC OF CAMEROON
Peace-Work-Fatherland

MINISTRY OF DECENTRALISATION AND LOCAL DEVELOPMENT

NORTH WEST REGION

MEZAM DIVISION

BAMENDA I COUNCIL

Tel: 677 177 974 / 6 99 29 83 69
P.O BOX 4152
Website:bda1council.org
Email : infobda1council@gmail.com
support@bda1council.com

CONTRACT No_____ JO/MINDDEVEL/BIC/BICITB/2024 OF 2024
Awarded after OPEN NATIONAL INVITATION TO TENDER N° 06/ONIT/MINDDEVEL/BIC/ BICITB /MEZAM/NWR /2024 OF 08/02/2024
Project Owner [*Indicate name and full address]*

HOLDER : [*indicate name and full address of holder*]

P.O. Box_____, Tel:_____Fax: _____

Business Registry No._____at
Taxpayer's No._____

SUBJECT : *Execution of* _____*works;*
*Lot No.*_____*; Network*_____

PLACE :Region_____

EXECUTION DEADLINE :_____(_____) months

AMOUNT IN CFA F:

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

FINANCING : [*indicate the source of financing*]

BUDGET HEAD : [*to be completed*]

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

Between:

The Government of the Republic of Cameroon, represented by_____ hereinafter referred to the "Contracting Authority"

On the one hand,

And

_____(enterprise)
P.O. Box_____Tel:_____Fax:_____
Business Registry No. _____
Taxpayer's No. _____

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

On the other hand,

Agree on the following:

Summary

Part I: Special Administrative Conditions (SAC)

Part II: Special Technical Conditions (STC)

Part III: Schedule of Unit Prices (SUP)

Part IV: Details or Estimates

Page_____ and last of Contract No._____ C or JO/CA/TB/0000
Awarded after Invitation to Tender [*specify references of Invitation to Tender*]

With _____,

For the execution of _____*works*
*Lot No.*_____; _____*Network*

Section No.	Road No.	Itinerary	Length (km)

EXECUTION DEADLINE_____ (_____) months

Amount of Contract in CFA F:

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

Read and accepted by the Contractor **(place of signature)**_____**(date)**
Signature of Contracting Authority **(place of signature)**_____**(date)**
Registration

Document No. 10:
Models to be used by bidders

TABLE OF MODELS

1: Model tender (bid letter)

I, the undersigned_____[*indcate the name and Capacity of signatory*]

Representing the _____company or enterprise or group with head office at_____ registered in the trade register of_____ under the number (No)_____

Having taken cognisance of all the documents featured or mentioned in the Tender File including the addendum (addenda): the Invitation to Tender *[recall the subject of the Invitation to Tender]*

- After having personally taken account of the situation of the site and evaluated from my point of view and under my responsibility, the nature and difficulty of the works to be carried out;
- Hereby submit, bearing my signature, the schedule of unit prices as well as the quotations in accordance with the structure featuring in the Tender File.
- Submit and commit myself to execute the works in accordance with the Tender File, in return for the prices which I myself established for each type of structure which prices reveal the amount of the Tender No. _____ at _____[*in figures and words*] CFA francs exclusive of VAT and at _____CFA francs Inclusive of all Taxes. [*In figures and words*].
- I pledge to execute the works within a deadline of .....months.
- I pledge to maintain my bid for [*indcate duration of validity, in principle 90 days for national invitations to tender 120 days for international invitations to tender*] from the deadline of submission of bids.
- Rebates and the modalities of application of the said rebates shall be the following (in Case of the possibility of award of several lots).

The Project Owner shall pay the sums due for this Contract by crediting account No..... opened in.....Bank.....Branch

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

Done at..... on.....

Signature of.....

in the Capacity of.....duly authorised to sign the bids on behalf of.....

2: MODEL BID BOND

Addressed to *[indcate the Contracting Authority and his address]* "Contracting Authority"

Whereas the undertaking _____ hereinafter referred to as the "bidder" has submitted his bid on _____for *[recall the subject of the Invitation to Tender]*, hereinafter referred to as "the bid" and to which must be attached a bid bond equivalent to *[indicate the amount]* CFA francs.

We_____ *[name and address of the bank]*, represented by _____*[names of signatories]*, hereinafter referred to as "the bank" hereby guarantee payment to the Contracting Authority of the maximum sum of *[indicate the amount]* CFA francs, that the bank pledges to pay in full to the Contracting Authority, binding itself, its successors and assignees.

The conditions of this commitment are as follows:

If the bidder retires his bid during the validity period provided for in the Tender File;
Or
If the bidder, having been notified of the award of the Contract by the Contracting Authority during the validity period:

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

We pledge to pay to the [Contracting Authority] an amount up to the maximum of the sum referred to above upon reception of the his first written request, without the Contracting Authority having to justify his request, given, however, that in his request the Contracting Authority shall note that he is due the amount he is claiming because one or the other or both of the above condition(s) has (have) been fulfilled and he shall specify which condition(s) took effect.

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

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

*Signed and authentiCAted by the bank at*_____, *on*_____

[Bank's signature]

3: Model final bond

Bank:
Reference of the bond: No_____

Addressed to *[Indcate the Project Owner and his address]* Cameroon, hereinafter referred to as the "Project Owner"

Whereas _____ *[name and address of Contractor]*, hereafter referred to as "the Contractor", has committed himself, in execution of the Contract referred to as "the Contract", to Carry out *[indicate the nature of the works]*.

Whereas it is stated in the Contract that the Contractor shall entrust to the Project Owner a final bond of an amount equal *to [indicate the percentage between 2 and 5%]* of the amount of the corresponding portion of the Contract, as guarantee of the execution of his full obligations in accordance with the terms of the Contract,

Whereas we have agreed to issue the Contractor this guarantee,

We, _____ *[name and address of bank]*
represented by_____ *[name of signatories]*,
hereinafter referred to as "the bank", commit ourselves to pay the Project Owner, within a maximum deadline of eight (8) weeks, upon the simple written request declaring that the Contractor has not satisfied his Contractual commitments within the meaning of the Contract, without being able to defer the payment nor raise any contests for whatever reason, any sum up to the sum of _____ *[in figures and words]* .

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

This final bond shall enter into force upon signature and notification of the Contract. It shall be released within a deadline of *[indcate the deadline]* from the date of the provisional acceptance of the works.

After this date, the bond shall be baseless and should be returned to us without the express request on our part.

Any request for payment made by the Project Owner by virtue of this guarantee should be done by registered mail with acknowledgement of receipt to reach the bank during the period of validity of this commitment.

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

Signed and authenticated by the bank at _____ *on* _____

[Signature of the bank]

4: Model of performance bond (Retention fund)

Bank: _____
Reference of the bond: No_____

Addressed to *[Indcate the Project Owner]*
[Address of Contracting Authority]

Hereinafter referred to as "the Project Owner"

Whereas_____ *name and address of Supplier]* hereinafter referred to "the Contractor", pledged, in execution of the Contract, to Carry out the works of *[indicate the subject of the works]*

Whereas it is stipulated in the Contract that the retention fund fixed at *[percentage below 10 % to be specified]* of the amount of the Contract may be replaced by a joint guarantee,

Whereas we have agreed to provide the Contractor with this guarantee,
We,_____ *[name and address of the bank]*,
Represented by _____ *[names of signatories]* and hereinafter referred to as "the bank",

Hence, we hereby affirm that on behalf of the Contractor, we guarantee and are responsible to the Project Owner for a maximum amount of_____
[in figures and letters] corresponding to *[percentage below 10 % to be specified]* of the Contract price.

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

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

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

Any request for payment made by the Project Owner by virtue of this bond should be done by registered mail with acknowledgement of receipt to reach the bank during the period of validity of this commitment.
This bond shall, for purposes of its interpretation and execution, be subject to Cameroon law. Cameroon courts shall be the only jurisdictions competent to rule on this pledge and its consequences.

*Signed and authenticated by the bank at*_____ *on* _____

[Signature of the bank]

5: Model of start-off advance bond

Bank: reference, address_____

We, the undersigned, (bank, address) hereby declare by the present to guarantee on behalf of_____ [*the holder*] to the benefit of the Project Owner [*address of the Project Owner]*
(the beneficiary)

The payment, without contest and upon receipt of the first written request by the beneficiary, declaring that_____[*the holder*] has not fulfilled his obligations relating to the reimbursement of the start-off advance according to the terms of Contract No._____ of _____ relating to _____ works [*indcate the subject of the works, the references of the Invitation to Tender and the lot, if possible*] of the total sum corresponding to to the advance of [*twenty (20) %*] of the amount inclusive of all taxes of Contract No. _____, payable upon notification of the corresponding Administrative Order that is, _____CFA francs.

This bond shall enter into force and shall take effect upon reception of the respective parts of this advance into the accounts of_____ [*the holder*] opened in the_____ bank under No. _____.

This bond shall remain in force up till the reimbursement of the advance in accordance with the SAC. However, the amount of the bond shall be proportionately reduced on the progressive reimbursement of the advance.

The applicable law and jurisdiction shall be those of the Republic of Cameroon.

*Signed and authenticated by the bank at*_____ *on* _____

[*Signature of the bank]*

6: MODEL ATTESTATION OF SITE VISIT

I the undersigned Mr./Mrs./Miss..... *(Name)*

Director Manager Engineer of the Company :.....*(Name of Enterprise)*,

Confirm having actually visited the site for the structure relative to the;

OPEN NATIONAL INVITATION TO TENDER

N°06/ONIT/ MINDDEVEL/B1C /BICITB/B1SD/MEZAM/NWR/2024 OF 08/02/2024 FOR THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA, MEZAM DIVISION, OF THE NORTH WEST REGION.

I, the interested contractor declare:

- To have carried out a thorough study of the site taking into consideration all the constraints relative to the execution of job with respect to norms.
- To establish my unit price schedules taking into account the difficulties of the site relative to the execution of the works and shall in no account ask the Contracting Authority for any increase of unit price.

In Testimony Whereof, this present **ATTESTATION OF SITE VISIT** is established and issued to serve the purpose it deserves.

THE CONTRACTOR_____

SIGN_____

DATE_____

(COMPANY STAMP)

. 7; **Model Declaration of Intention to Tender**

I the under signed _____ (name)

Nationality_____Function_____(manager or director etc) of the

_____(enterprise) acknowledged having received the_____

_____(Tender File or Request for Quotation) No_____

. _____ (reference) of _____ (date)

For The

_____(subject)

And hereby declare my intention to tender for the aforementioned project.

DONE IN_____

BY_____

ON_____

SIGN_____

8: MODEL COMMITMENT OF AVAILABILITY

SUBJECT: COMMITMENT OF AVAILABILITY

I, the undersigned,,,

HOLDER OF A,,, AND NATIONAL

IDENTITY CARD NO,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, ISSUED ON,,,,,,,,,,,,,,,,,,,,,,

AT,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, TEL ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,IS COMMITTED AND

AVAILABLE TO WORK AS ,,

WITH,,,COMPANY IF AWARDED THE

CONTRACT FOR,,THIS IS IN RESPONSE

TO TENDER NO,,OF,,,,,,,,,,,,,,,,,,,,,FOR

THE ,,

DONE IN ,,,,,,,,,,,,,,,,,,,,,ON,,,,,,,,,,,,,,,,,,,,,,,,,,,

BY,,,

SIGN,,

9: MODEL TABLE OF EQUIPMENT:

LIST OF EQUIPMENT AND MATERIAL AVAILABLE FOR THE WORK

SN	DESIGNATION *Description & frame (châssis) number*	MARK *&(Horse Power if vehicle)*	REGISTRATION NUMBER *(if vehicle)*	QUANTITY	STATUS *(Hired or owned)*
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
`11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
etc					

I the undersigned, _____ holder of National Identity Card N° _____ issued on _____ at _____ being Managing Director of this Company called _____ testifies that the above information is correct and commit myself to present any of the above equipment and tools at any given time requested.

As well any of them must be present at the site before and during each phase at any given moment required or requested by the Authorities in charge of the project I am tendering for.

NOTE: For equipment, whether owned or hired I must certify justified documents (leased, cartegresse etc) with the Tariff in force as spelt-out in the Tender File

Signature of Managing Director, name, date and Enterprise stamp

10-Model Report of site visit

I-INTRODUCTION

TENDER N° (*with project title*).....
.....
.....
NAME OF COMPANY.....
DATE:.....TIME:.....

II) COMMENTARY:

II-1) Nature of the project site.....

II-2) Accessibility to the project site: .....

II-3) Vegetation (trees, shrubs etc).....

II-4) Topography of the site.....

III) AVAILABILITY OF SERVICES (water, electricity, etc)

IV) AVAILABILITY OF CONSTRUCTIONAL MATERIAL (stones, sand, gravel, wood etc)

V) DIFFICULTIES: .....
.....
.....

V) CONCLUSION.....
.....

Signature of Managing Director, name, date and Enterprise stamp

ANNEX No. 6: Framework of schedule

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

ANNEX 7: EVALUATION GRID

FOR THE CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD AND SUPPLY OF CULVET RINGS OF DIAMETER 800 AND 1000 FOR THE MAINTENANCE OF COUNCIL ROADS IN BAMENDA I COUNCIL AREA,

ADMINISTRATIVE DOCUMENTS

DOC N°	DESCRIPTION	NO	YES
A.1	Certified Copy of the Business Registration, not older than three months.		
A.2	Declaration of intention to tender stamped with the tariff in force (see sample document).		
A.3	Certificate of non-bankruptcy established by the Court of 1st instance or the Chamber Commerce, Industry and Trade of the place of residence of the bidder, not older than three (03) months.		
A.4	Attestation of bank account of the bidder, issued by a first rate-bank approved by the Ministry in charge of Finance or by a foreign bank the first order not older than three months.		
A.5	Purchase receipt of Tender File issued by Bamenda I council treasury of 80,000 FCFA		
A.6	A bid bond of **1,400,000 FCFA** (one millions hundred thousands FCFA) issued by a first rate-bank approved by the Ministry in charge of Finance in conformity with COBAC conditions		
A.7	An attestation of non-exclusion from Public Contracts issued by the Public Contract Regulatory Board (ARMP)		
A.8	An Attestation of the National Social Insurance Fund stating that the bidder has met all his obligations vis a vis the Fund; the attestation should be valid within the specified time		
A.9	A valid Certificate of imposition certified by the chief of center for taxation		
A.10	Business License (photocopy certified by the chief of center of Taxes, not more than three months).		
A.11	Certified Copy of a valid taxpayers card, delivered by the chief of center of Taxes.		
A.12	A Clearance Certificate signed by the chief of Centre of Taxes that the bidder has met all the statutory declarations in issues of taxes in the current financial year; this certificate should not be more than three months old.		
A 13	Plan and attestation of site location of the enterprise		
A 14	Power of attorney if necessary		
A 15	Group agreement if need be		
	TOTAL ADMINISTRATIVE SCORE	/	/
	PERCNTAGE (%) OF ADMINISTRATIVE SCORE (TOTAL /) % SCORE =		

The second Internal Envelope shall be labeled **<<ENVELOPE B: TECHNICAL DOCUMENT FOR THE** CONSTRUCTION OF A THREE COAT SURFACE DRESSING OF ATOGOLAH ROAD LEADING TO ATOGOLAH FIELD **>>** and shall contain the following:

<< As per the Circular Letter N0 000005/LC/MINMAP/CAB of 26/12/2023 on Implementation of Categorization of Enterprises, only Categorized Enterprises who submit certified true copy of Attestation of Categorization are exempted from submitting in their Technical Files, related supporting documents relative to the turnover, the references, own minimum technical and logistical means, permanent staff and head office location>>

B.1	General presentation of the Tender Files	NO	YES
- Document spirally bound			
- Table of content page			
- Colour sheets separation			

-page numbering			
- neatness and clarity of documents			
- Presentation of documents in the order given in this tender file			
B.2	**LIST OF REFERENCES OF THE ENTERPRISE IN SIMILAR JOBS**		
.2.1	List of references of the enterprise in similar jobs justified by certified Contracts (first and last pages) and certified minutes of acceptance or attestation of clearances of works executed. Minimum acceptable: **02** Contracts realized in the domain of road construction works over the past 05 years		
	1st Reference		
	2nd reference		
B.3	**QUALIFICATION AND EXPERIENCE OF SUPERVISORY STAFF**		
.3.1	**works supervisor (at least Bachelor Degree or equivalent certificate) in civil or rural Engineering**		
	Qualification of the works supervisor: (Bachelor Degree certificate in Civil Engineering (BAC +3)		
	Professional experience of the project engineer ≥ 05 years (signed CV)		
	- CV signed by the candidate,		
	- A certified copy of the technical diploma		
	- An Attestation of presentation of original of the technical diploma		
	- An attestation of availability signed by the candidate		
	- Certified copy of ID card		
.3.2	**Site foreman(Civil Engineering Senior Technician)**		
	Qualification of the Site foreman: (Senior Technician certificate in Civil Engineering (BAC +2 or equivalent certificate)		
	Professional experience of the Site foreman ≥ 03 years (signed CV) - CV signed by the candidate,		
	- A certified copy of the technical diploma		
	- An attestation of availability signed by the candidate		
	- Certified copy of ID card		
.3.3	**technical personnel**		
3.3.1	01 TOPOGRAPHER(at least BAC +2)with 3 years professional experience in road construction (CV, certified ID Card and Technical Diploma)		
3.3.2	01 Geotechnical Engineer (at least BAC +2)with 3 years professional experience in road construction (**CV, certified ID Card and Technical Diploma)**		
B.4	**TECHNICAL PROPOSALS**		
.4.1	Organigram of the project (Specify names of the personnel handling the various functions)		
.4.2	Logical sequence for the execution of the task		
.4.3	Quality control method		
.4.4	Environmental protection measures		
.4.5	Security and safety at the site		
.4.6	Duration of execution in respect with the Tender File		
.4.7	Attestation of site visit signed by the Contractor		
.4.8	Comprehensive report of site visit signed by the company administrator and justified by photos		
B.5	**LOGISTICS (Equipment put aside for this project)**		
.5.1	Prove of ownership or rental of a pick-up or other van		
.5.2	Prove of ownership or rental of a dump truck		
.5.3	Prove of ownership or rental of a water tanker		

.5.4	Prove of ownership or rental of a Concrete mixer		
.5.5	Prove of ownership or rental of a bulldozer		
.5.6	Prove of ownership or rental of a compacting machine		
.5.7	Prove of ownership or rental of a binder spreader		
.5.8	Minimum small kits, laboratory/topography equipments: Wheelbarrows, shovels, pickaxes, **balance, proctor mold, membrane densitometer,** distant meter etc.		
B.6	**FINANCIAL CAPACITY**		
.6.1	An attestation of financial capacity (solvency) of the enterprise issued by a 1st class bank located in any area in Cameroon and approved by the Ministry of Finance and respect COBAC conditions.		
B.7	Special Technical Clauses initialed in all the pages and last page signed		
B.8	Special Administrative Clauses completed and initialed in all the pages and last page signed		
	TOTAL TECHNICAL SCORE		
	PERCNTAGE (%) OF TECHNICAL SCORE (TOTAL /) % SCORE =		
	OBSERVATION		

ENVELOPE C- FINANCIAL FILE

).	**DESIGNATION.**		
	A submission letter, signed, dated and franked		
!	Completed and signed frame work of unit prices.		
;	Signed Bills of quantities and cost estimates indicating the total amount without taxes (HT) and with taxes (TTC)		
	Sub details of unit prices initialed in all pages and last page signed		
	TOTAL OF FINANCIAL SCORE OF EVALUATION GRID		
	PERCNTAGE (%) OF FINANCIAL SCORE OF EVALUATION GRID (TOTAL /) % SCORE =		
	GRAND SCORE OF EVALUATION OF CRITERIA (/) % =		
	OBSERVATION		

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

C. Eliminatory criteria

1. Absence or insufficient Bid Bond;
2. Non respect of 48 hours given for absence or non conformity of an element in the Administrative File
3. False declaration or falsified documents;
4. A bid with the external envelope carrying a sign or mark leading to the identification of the bidder;
5. Non-compliance with model bid Bond
6. Incomplete bids
7. Absence of a quantified unit price;
8. Non respect of **75%** of essential criteria;
9. Financial capacity below 50% of the estimated cost
10. Change of a quantity in the Financial File

D. Essential criteria

As per the Circular Letter N0 000005/LC/MINMAP/CAB of 26/12/2023 on Implementation of Categorization of Enterprises, only Categorized Enterprises who submit the certified true copy of Attestation of Categorization are exempted from submitting in their Technical Files, related supporting documents relative to the turnover, the references, own minimum technical and logistical means, permanent staff and head office location.

1. General presentation of tenders
2. Financial capacity
3. References of the company in similar achievements;

4. Quality of the personnel;
5. Technical organization of the works;
6. Safety measures on the site;
7. Logistics;
8. Attestation and report of site visit signed by the Contractor;
9. Special Technical Clauses initialed in all the pages and signed at the last page;

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

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

Document No.11: Preliminary studies

[To be systematically filled by the Project Owner based on the nature of services to be executed and according to the specifications of Point 5.a of Circular No. 003/CAB/PM of 18th April 2008 relating to the respect of rules governing the award, execution and control of Public Contracts]

Note on preliminary studies

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

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

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

Justification of preliminary studies

1. Attach the preliminary studies.
2. Indicate
   - 2.1. The date studies were carried out;
   - 2.2. The name of the public or private Project Manager
   - 2.3. References of the Contract, if Private Manager carried it out;
   - 2.4. If maintenance works
     - 2.4.1 Description of the studies;
     - 2.4.2 Attach the outline of the itinerary bringing out readings of degradations as well as the approved programming documents.
     - 2.4.3
   - 2.5 Opening and Grading or new works
     - 2.5.1 Are quantities in the quotations the same as those of the studies?
     - 2.5.2 Description of studies: Draft Preliminary Study, Detailed Preliminary Study;
     - 2.5.3 Attach the said studies.

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

I- BANKS

1. Afriland First Bank
2. Banque Atlantique
3. Banque Camerounaise des petites et moyennes entreprises (BC-PME)
4. Banque Gabonaise pour le Financement International (BGFI BANK)
5. Banque International du Cameroun pour l'Epargne et le Crédit (BICEC)
6. Bank of Africa Cameroon (BOA Cameroun)
7. CITI Bank Cameroun
8. Commercial Bank of Cameroon (CBC)
9. Ecobank Cameroun (ECOBANK)
10. National Financial Credit Bank (NFC)
11. Société Camerounaise de Banque au Cameroun (SCB-Cameroun)
12. Société Générale de Banque au Cameroun(SGC)
13. Standard Chartered Bank Cameroon (SCBC)
14. Union Bank of Cameroon(UBC)
15. United Bank for Africa(UBA)

II- Insurance companies

16. Activa Insurance
17. Zenithe Insurance SA BP Douala
18. Aréa Assurances S.A
19. Atlantique Asssurances S.A
20. Beneficial General Insurance S.A
21. Chanas Assurances S.A
22. CPA S.A
23. Nsia Assurancs S.A
24. Pro Assur S.A
25. SAAR S.A
26. Saham Assurances S.A