

REPUBLIC OF CAMEROON  
Peace - Work - Fatherland  
MINISTRY OF DECENTRALISATION AND LOCAL  
DEVELOPMENT  
NORTH WEST REGION  
BOYO DIVISION  
BELO SUB DIVISION  
BELO COUNCIL  
PO BOX 2082

REF NO : ...../MINDDEVELL/NWR/BC/SG/CDO/2025



Together for  
development

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REPUBLIQUE DU CAMEROUN  
Paix - Travail - Patrie  
MINISTÈRE DE LA  
DÉCENTRALISATION ET DU  
DEVELOPPEMENT LOCAL  
REGION DU NORD - OUEST  
DÉPARTEMENT DE BOYO  
ARRONDISSEMENT DE BELO  
COMMUNE DE BELO

## BELO COUNCIL INTERNAL TENDERS BOARD (BCITB)

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### OPEN NATIONAL INVITATION TO TENDER

#### OPEN NATIONAL INVITATION TO TENDER BY EMERGENCY PROCEDURE

No\_\_14/ONIT/BC/BCITB/2025 OF 03/09/2025

FOR THE CONSTRUCTION OF THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN  
BELO MUNICIPALITY, BOYO DIVISION OF THE NORTH-WEST REGION.

Lot	Subject	Locality	PROJECT AMOUNT	Bid Bond FCFA	Tender Fee FCFA
1	Construction of a bridge over River Anyouh linking Fetongle and Njonghitin in Mbessa.	ANYOUH - MBESSA	42,000,000 FCFA	840,000 FCFA	70,000 FCFA
2	Construction of a bridge over River Fekumkwak linking Tinikum and Njonghitin in Mbessa.	TINIKUM - MBESSA	37,000,000 FCFA	740,000 FCFA	60,000 FCFA
3	Construction of a bridge over River Bulum linking Bulom and Belo.	BULOM - BELO	30,939.884 FCFA	618,798 FCFA	50,000 FCFA

IMPUTATION .....budget head FEICOM 2025 - 4% SPECIAL COUNCIL RESERVES .....  
authorisation.....

# INVITATION AND REQUIREMENTS TO TENDER

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**DOCUMENT N° 1**

**TENDER NOTICE**

The tender notice in English and French furnishes information which the potential candidates may need to present any bid. Besides the essential information contained in the Tender File, it must indicate any important criteria used for the qualification of candidates.

The information contained therein must be in accordance with that of the rest of the Tender File and in particular with that featuring in the Special Regulations of the Invitation to Tender.



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## TENDER NOTICE

**OPEN NATIONAL INVITATION TO TENDER BY EMERGENCY PROCEDURE**  
**No\_\_14/ONIT/BC/BCITB/2025 OF OF 03/09/2025 FOR THE CONSTRUCTION OF**  
**THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN BELO MUNICIPALITY, BOYO DIVISION**  
**OF THE NORTH-WEST REGION.**

Funding: FEICOM 2025 – 4% Council Reserves

### 1. Subject of the Invitation to Tender

Within the framework of the letter referenced from the Ministry of Decentralisation and Local Development (MINDDEVLL) to the Mayor of Belo Council concerning the execution of bridges in the municipality under the 4% Council Reserved Fund, the Contracting Authority — the Mayor of Belo Council — hereby launches an **OPEN NATIONAL INVITATION TO TENDER by EMERGENCY PROCEDURE** for: The construction of three (03) bridges (Lot 1, Lot 2, Lot 3) in Belo Municipality, Boyo Division, North-West Region.

### 2. Nature of the Works

The works to be executed are as follows:

- Lot 1: Construction of a bridge over River Anyouh linking Fetongle and Njonghitin in Mbessa.
- Lot 2: Construction of a bridge over River Fekumwak linking Tinikum and Njonghitin in Mbessa.
- Lot 3: Construction of a bridge over River Bulum linking Bulom and Belo.

The works for each lot shall consist of:

- Cleaning the bed of the watercourse;
- Excavations and riprap;
- Construction of reinforced concrete footing and stone masonry abutments;
- Rafts, ambes, and deck works;
- Mixed guardrails and markers;
- Application of epoxy coatings and anti-rust paint;
- Drainage works.

In general, the works include:

LOT 1

N°	DESCRIPTION
LOT 100	SITE INSTALLATION
200	ROAD DIVIATION AND BRIDGE ACCESS
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES (SPAN=7.0M WIDTH=6.0M; HEIGHT=4.5M)
Lot 400	ENVIRONMENTAL MITIGATION MEASURES

#### LOT 2

N°	DESCRIPTION
LOT 100	SITE INSTALLATION
200	ROAD DIVIATION AND BRIDGE ACCESS
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES (SPAN=6.0M WIDTH=6.0M; HEIGHT=4.5M)
Lot 400	ENVIRONMENTAL MITIGATION MEASURES

#### LOT 3

N°	DESCRIPTION
LOT 100	SITE INSTALLATION
200	ROAD DIVIATION AND BRIDGE ACCESS
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES (SPAN=5.0M WIDTH=6.0M; HEIGHT=3.5M)
Lot 400	ENVIRONMENTAL MITIGATION MEASURES

### 3. Execution Deadline

The maximum execution deadline provided by the Project Owner / Contracting Authority for each lot forming the subject of this invitation to tender is four calendar (04) months, as from the date of notification of the contractor by the control engineer to start work.

### 4. Lots

The works are divided into three (03) lots.

### 5. Estimated Cost

The estimated cost after preliminary studies stands at:

- Lot 1: 42,000,000 (Forty-two million) FCFA, all taxes inclusive;
- Lot 2: 37,000,000 (Thirty-seven million) FCFA, all taxes inclusive;



- **Lot 3:** 30,939,884 (Thirty million nine hundred and thirty-nine thousand eight hundred and eighty-four) FCFA, all taxes inclusive.

## 6. Participation and Origin

Participation is opened under the same conditions to all Cameroonian Companies and business concerns that have proven experience in the field of building construction and civil engineering in general and who are not in a period of suspension by the authority in charge of public contracts.

## 7. Financing

The said works shall be financed as per the convention signed between FEICOM and Belo Council assigned to the Mayor BELO Council as Authorising Officer with the budgets of **4% Council Reserved Funds at FEICOM 2025** Reference 0000284/L/MINDDEVEL/SG/DPDS/CP-RLA/CEA3

## 8. Bid Bond

Each bidder must include in his/her administrative documents, a bid bond that respects the models of this tender file, issued by a first-rate banking establishment approved by the Ministry in charge of finance, (see list in document No. 10 of this tender file), of an amount

- **Lot 1:** 840,000 (eight hundred and forty thousand) FCFA;
- **Lot 2:** 740,000 (seven hundred and forty thousand) FCFA;
- **Lot 3:** 618,798 (six hundred and eighteen thousand seven hundred and ninety eight) FCFA.

valid for thirty (30) days as from the date of validity of the offers. Bid bonds for unsuccessful bidders shall be withdrawn not later than fifteen (15) days after the award of the contract and those of successful bidders shall be retained until the required performance guarantee for good execution is provided.

## 9. Consultation of Tender File

The tender file may be consulted during working hours at the Mayor's Secretariat of the BELO council and tel: 670 14 21 20,

## 10. Acquisition of Tender File

The tender file may be obtained from the **SIGAMP Office, Belo Council**, upon presentation of a non-refundable treasury receipt (payable at the Treasury of Belo Council), as follows:

- **Lot 1:** 70,000 (seventy thousand) FCFA;
- **Lot 2:** 60,000 (sixty thousand) FCFA;
- **Lot 3:** 50,000 (fifty thousand) FCFA.

The receipt must identify the payer as representing the company wishing to participate, and indicate the intended lot.

## 11. Submission of Bids

Each bid drafted in English or French shall be signed by the bidder or by a duly authorized representative and presented in **seven (07) copies** including the original and six (06) copies marked as such. These shall be submitted in one sealed pack containing three (3) envelopes; (A: Administrative file, B: Technical file, C: Financial file). The sealed pack shall bear no information on the enterprise, and

should reach the BELO Council, Contracts Award Service, not later than 27/09/2025 and should carry the inscription:

## OPEN NATIONAL INVITATION TO TENDER BY EMERGENCY PROCEDURE

No. 14/ONIT/BC/BCITB/2025 of 03/09/2025

FOR THE CONSTRUCTION OF THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN BELO MUNICIPALITY,  
BOYO DIVISION, NORTH-WEST REGION

Indicate the Lot

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

In case of any ambiguities or differences, only the original shall be considered authentic.

### 12. Admissibility of Bids

Under penalty of being rejected, only originals or true copies certified by the issuing service or administrative authorities must imperatively be produced in accordance with the Special Regulations of the invitation to tender.

They must obligatorily be not 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 opening of the bids in one phase shall be done on 27/09/2025 at 11p.m. prompt in the conference hall of the BELO council by the competent tender board. Only bidders may attend or be duly represented by a person of their choice, who has full knowledge of the file and mandated in that capacity.

### 14. Evaluation criteria

The evaluation of bids shall be carried out in three stages:

- 1<sup>st</sup> Stage: verification of the conformity of each administrative document;
- 2<sup>nd</sup> Stage: Evaluation technical bids;
- 3<sup>rd</sup> Stage: Analyses of Financial bids.

The criteria of evaluation shall be as follows:

#### 14.1-Eliminatory criteria

Eliminatory criteria fix the minimum conditions to be fulfilled to be admitted for evaluation according to the essential criteria. The non-respect of these criteria leads to the rejection of the bid made by the bidder.

They refer especially to:

- ◆ Absence of bid bond
- ◆ False declaration or forged document
- ◆ Non compliance with major technical specifications (to be listed)
- ◆ Non-respect of X essential criteria (X being greater than or equal to 75%)
- ◆ Absence of quantified unit price)
- ◆ Non compliance with the model bid
- ◆ Categorisation.

#### 14.2. Main Qualification criteria:

Essential criteria are those that are primordial or key in the judgment of the technical and financial capacity of candidates to execute the works forming the subject of the invitation to tender. They must be determined in relation to the nature and content of the works to be executed.

Indicatively, the criteria related to the qualification of candidates will be on:



- ◆ Financial situation;
- ◆ Experience;
- ◆ Personnel;
- ◆ Equipment.

#### 15. Award

The contract shall be awarded to the bidder whose bid is compliant with the tender file and presents the **lowest evaluated bid** with **satisfactory technical quality**, in accordance with Article 33 of the Public Contracts Code.

Bidders can bid for all but will only be awarded two

#### 16. Validity of Bids

The bidders shall remain committed to their offers during a period of (ninety) 90 days from the deadline set for the submission of bids.

#### 17. Complementary Information

Complementary technical information may be obtained every day during working hours from the BELO Council, Contracts Award Service, Tel: 670 14 21 20

The Mayor  
Belo Council

#### Copies to:

- ARMP
- Chairpersons of BCITB
- Notice Boards

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COMMUNE DE BELO

## AVIS DE CONSULTATION

### AVIS D'APPEL D'OFFRES NATIONAL OUVERT

N° 014/AGNO/BC/CIPM/2025 DU 19/08/2025  
POUR LA CONSTRUCTION DE TROIS (03) PONTS (LOT 1, LOT 2, LOT 3) DANS LA  
COMMUNE DE BELO, DÉPARTEMENT DU BOYO, RÉGION DU NORD-OUEST.

Financement : FEICOM 2025 – 4 % Réserves Communales

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

Dans le cadre de la lettre de référence du Ministère de la Décentralisation et du Développement Local (MINDDEVEL) adressée au Maire de la Commune de Belo relative à l'exécution des ponts dans la municipalité sur le Fonds de Réserves Communales de 4 %, l'Autorité Contractante — le Maire de la Commune de Belo — lance par le présent un Appel d'Offres National Ouvert pour : La construction de trois (03) ponts (Lot 1, Lot 2, Lot 3) dans la Commune de Belo, Département du Boyo, Région du Nord-Ouest.

#### 2. Nature des Travaux

Les travaux à exécuter sont les suivants :

- Lot 1 : Construction d'un pont sur la rivière Anyouh reliant Fetongle et Njonghitin à Mbessa ;
- Lot 2 : Construction d'un pont sur la rivière Fekumkwak reliant Tinikum et Njonghitin à Mbessa ;
- Lot 3 : Construction d'un pont sur la rivière Bulom reliant Bulom et Belo.

Les travaux de chaque lot comprennent :

- Curage du lit du cours d'eau ;
- Fouilles et enrochements ;
- Construction de semelles en béton armé et culées en maçonnerie de pierres ;
- Radier, chevêtres et tablier ;
- Garde-corps mixtes et balises ;
- Application de revêtements époxy et peintures antirouille ;
- Ouvrages de drainage.

De manière générale, les travaux incluent :

#### LOT 1

N°	DESCRIPTION
LOT 100	INSTALLATION DU CHANTIER
LOT 200	DÉVIATION DE LA ROUTE ET ACCÈS AU PONT
LOT 300	CONSTRUCTION DU PONT ET DE SES ACCESSOIRES (PORTÉE = 7,0 m ; LARGEUR = 6,0 m ; HAUTEUR = 4,5 m)
LOT 400	MESURES D'ATTÉNUATION ENVIRONNEMENTALE

#### LOT 2

N°	DESCRIPTION
LOT 100	INSTALLATION DU CHANTIER
LOT 200	DÉVIATION DE LA ROUTE ET ACCÈS AU PONT
LOT 300	CONSTRUCTION DU PONT ET DE SES ACCESSOIRES (PORTÉE = 6,0 m ; LARGEUR = 6,0 m ; HAUTEUR = 4,5 m)
LOT 400	MESURES D'ATTÉNUATION ENVIRONNEMENTALE

#### LOT 3

N°	DESCRIPTION
LOT 100	INSTALLATION DU CHANTIER
LOT 200	DÉVIATION DE LA ROUTE ET ACCÈS AU PONT
LOT 300	CONSTRUCTION DU PONT ET DE SES ACCESSOIRES (PORTÉE = 5,0 m ; LARGEUR = 6,0 m ; HAUTEUR = 3,5 m)
LOT 400	MESURES D'ATTÉNUATION ENVIRONNEMENTALE

#### 3. Délai d'Exécution

Le délai maximum d'exécution prévu par le Maître d'Ouvrage / Autorité Contractante pour chaque lot objet du présent appel d'offres est de **quatre (04) mois calendaires**, à compter de la date de notification de l'ordre de service de commencer les travaux par l'ingénieur de contrôle.

#### 4. Allotissement

Les travaux sont répartis en trois (03) lots.

#### 5. Coût Prévisionnel

Le coût prévisionnel établi après études est de :

- Lot 1 : 42 000 000 (quarante-deux millions) FCFA TTC ;
- Lot 2 : 37 000 000 (trente-sept millions) FCFA TTC ;
- Lot 3 : 30 939 884 (trente millions neuf cent trente-neuf mille huit cent quatre-vingt-quatre) FCFA TTC.



## 6. Participation et Origine

La participation est ouverte, à égalité de conditions, à toutes les entreprises de droit camerounais justifiant d'une expérience avérée dans le domaine du bâtiment et du génie civil en général, et n'étant pas en période de suspension par l'autorité en charge des marchés publics.

## 7.

### Financement

Lesdits travaux seront financés par la convention signée entre le **FEICOM** et la **Commune de Belo**, imputée au budget des **Fonds de Réserves Communales de 4 % gérés au FEICOM – Exercice 2025**, et délégués à l'Ordonnateur, le Maire de Belo. Reference 0000284/L/MINDDEVEL/SG/DPDS/CP-RLA/CEA3

## 8. Cautionnement Provisoire

Chaque soumissionnaire devra joindre à ses pièces administratives un **cautionnement provisoire** conforme au modèle du dossier d'appel d'offres, délivré par un établissement bancaire de premier ordre agréé par le Ministère chargé des finances (voir liste en pièce n°10 du DAO), d'un montant de :

- Lot 1 : 840 000 (huit cent quarante mille) FCFA ;
- Lot 2 : 740 000 (sept cent quarante mille) FCFA ;
- Lot 3 : 618 798 (six cent dix-huit mille sept cent quatre-vingt-dix-huit) FCFA.

Valable pendant **trente (30) jours** à compter de la date de validité des offres. Les cautions des soumissionnaires non retenus seront libérées au plus tard quinze (15) jours après l'attribution du marché. Celles des adjudicataires seront conservées jusqu'à constitution du cautionnement définitif de bonne exécution.

## 9. Consultation du DAO

Le dossier d'appel d'offres peut être consulté aux heures ouvrables au **Secrétariat du Maire de la Commune de Belo**, Tél : 670 14 21 20.

## 10. Acquisition du DAO

Le dossier d'appel d'offres peut être obtenu au **Bureau SIGAMP de la Commune de Belo**, sur présentation d'un reçu de versement non remboursable payable à la Trésorerie de Belo, aux montants suivants :

- Lot 1 : 70 000 (soixante-dix mille) FCFA ;
- Lot 2 : 60 000 (soixante mille) FCFA ;
- Lot 3 : 50 000 (cinquante mille) FCFA.

Le reçu devra identifier le payeur comme représentant l'entreprise souhaitant participer et préciser le lot choisi.

## 11. Présentation et Dépôt des Offres

Chaque offre rédigée en anglais ou en français, signée par le soumissionnaire ou son représentant dûment habilité, sera présentée en sept (07) exemplaires dont un original et six (06) copies marquées comme telles.

Elles seront regroupées dans une enveloppe cachetée unique comprenant trois sous-enveloppes :

- A : Pièces administratives ;



- B : Offre technique ;
- C : Offre financière.

L'enveloppe ne portera aucune mention permettant d'identifier l'entreprise et sera déposée au **Service des Marchés de la Commune de Belo**, au plus tard le \_\_\_\_\_, portant la mention :

#### **APPEL D'OFFRES NATIONAL OUVERT**

N° 014/AONO/C.BELO/CIPM/2025 du ....08/2025

RELATIF À LA CONSTRUCTION DE TROIS (03) PONTS (LOT 1, LOT 2, LOT 3) DANS LA COMMUNE DE BELO, DÉPARTEMENT DU BOYO, RÉGION DU NORD-OUEST

Indiquer le Lot

**« À N'OUVRIR QU'EN SÉANCE DE DÉPÔUILLEMENT »**

En cas d'ambiguïté ou de divergence, seul l'original fera foi.

#### **12. Recevabilité des Offres**

Sous peine de rejet, seules les copies certifiées conformes par l'autorité compétente ou les originaux des documents administratifs exigés devront être produits conformément au Règlement Particulier de l'Appel d'Offres.

Ces pièces devront dater de moins de **trois (03) mois** à la date limite de dépôt des offres ou avoir été établies après la signature de l'avis d'appel d'offres.

Toute offre non conforme aux prescriptions du DAO sera déclarée irrecevable, notamment en cas d'absence de caution provisoire émise par une banque de premier ordre agréée par le Ministre des Finances.

#### **13. Ouverture des Plis**

L'ouverture des plis en **une seule phase** aura lieu le \_\_\_\_\_ à 11 heures précises, dans la salle des conférences de la Commune de Belo, par la Commission Interne de Passation des Marchés compétente.

Seuls les soumissionnaires peuvent y assister ou s'y faire représenter par une personne dûment mandatée et ayant une parfaite connaissance du dossier.

#### **14. Critères d'Évaluation**

L'évaluation des offres se fera en trois étapes :

- 1ère étape : Vérification de la conformité des pièces administratives ;
- 2ème étape : Évaluation des offres techniques ;
- 3ème étape : Analyse des offres financières.

##### **14.1 Critères éliminatoires :**

- Absence de caution provisoire ;
- Fausse déclaration ou pièces falsifiées ;
- Non-conformité aux spécifications techniques majeures ;
- Non-respect d'au moins un critère essentiel ;
- Absence de prix unitaire quantifié ;
- Non-conformité au modèle de soumission.

##### **14.2 Critères essentiels de qualification :**

- Situation financière ;
- Expérience ;
- Personnel ;
- Matériel.

#### 15. Attribution

Le marché sera attribué au soumissionnaire dont l'offre est conforme au DAO et présentant le **prix évalué le plus bas** avec une qualité technique jugée satisfaisante, conformément à l'article 33 du Code des Marchés Publics.

#### 16. Validité des Offres

Les soumissionnaires demeureront engagés par leurs offres pendant une durée de **quatre-vingt-dix (90) jours** à compter de la date limite fixée pour le dépôt des plis.

#### 17. Renseignements Complémentaires

Des renseignements techniques complémentaires peuvent être obtenus aux heures ouvrables auprès du **Service des Marchés de la Commune de Belo**, Tél : 670 14 21 20.

Le Maire,  
Commune de Belo

#### Copies :

- ARMP
- Présidents de la CIPM/BELO
- Tableau d’Affichage

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## DOCUMENT N°2

# GENERAL REGULATIONS OF THE INVITATION TO TENDER

### Note on the General Rules of the Invitation to Tender

The aim of document No. 3 is to provide bidders with the information they may need to prepare their bids in conformity with the conditions laid down by the rules and regulations in force.

It also gives information regarding the submission of bids, the opening of bids, and the evaluation of bids and the award of the contract.

This document contains standard articles that are not to be modified.



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## GENERAL RULES OF THE INVITATION TO TENDER

### A. General

#### Article 1: Scope of the tender

- 1.1 The the Mayor of the BELO COUNCIL hereinafter referred to as the Contracting Authority, hereby launches an invitation to tender for the construction of the works described in the Consultation File. The name and identification number which formed the subject of the invitation to tender feature in the Special Regulations of the invitation to tender. Hereafter reference is made to it under the term "works".
- 1.2 The bidder retained or the successful bidder must complete the works within the time- limit indicated in the Special Regulations and which time-limit runs from the date of notification of the Administrative Order.
- 1.3 In thisTender File, the terms "Contracting Authority" and Delegated Contracting Authority" are interchangeable and 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 Authorityrequires of bidders and contractors the strict respect of rules of professional ethics during the award and execution of thiscontract. By virtue of this principle, the Contracting Authority:

- a) Defines, within the context of this clause, the following expressions in the following manner:
  - i) Shall be guilty of "corruption" whoever offers, gives, requests or accepts any gifts in view of influencing the action of a public official during the award or execution of thiscontract;
  - ii) Is involved in "fraudulent manoeuvres" whoever deforms or distorts facts in order to influence the award or execution of thiscontract;
  - iii) "collusive practices" mean any form of agreement between two or among several bidders (whether the Contracting Authorityis aware or not) aimed at artificially maintaining the prices of offers at levels not corresponding with those which will result from the forces of competition;
  - iv) And "coercive practices" mean any form of harm against persons or their property or threats against them in order to influence their action during the award or execution of a contract.
- b) Will reject any award proposal if he determines that the proposed successful bidder is directly or through the intermediary of an agent, guilty of corruption or is involved in fraudulent manoeuvres, collusive or coercive practices for the award of thiscontract.

#### Article 4: Candidates allowed to Compete:

- (a) A bidder (including all members of a group of enterprises and all sub-contractors to the bidder) must not be in a situation of conflict of interest.

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

- i) is associated or was associated in the past with an enterprise (or a subsidiary of thisenterprise) which provided consultancy services for the conception, preparation of specifications and other documents used within the scope of Contracts awarded for this invitation to tender; or
  - ii) Presents more than one offer within the context of invitation to tender, except authorised variants according to article 18, where need be; meanwhile, thisdoes not prevent the participation of sub-contractors in more than one offer.
- (c) The bidder must not have been excluded from bidding for public Contracts.
  - (d) A Cameroonian public enterprise may participate in the consultation if it can demonstrate that it is (i) Legally and financially autonomous, (ii) managed according to commercial laws and (iii) not under the



direct supervisory authority of the Delegated Contracting Authority, Delegated Contracting Authority or his/her immediate collaborators.

**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 this 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 offer, bidders must:

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

(b) Update the information included in their request for pre-qualification which may have changed (or provide this information, in case of open invitation to tender).

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

(i) Access to a credit line or availability of other sources of funding; considering the scope of the services, the production of recent balance sheets and turnovers may be required;

(ii) Orders acquired and Contracts awarded;

(iii) Pending litigations; and

(iv) Availability of indispensable equipment.

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

(a) The offer must include all the information listed in article 6(1) above;

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

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

(d) The member of the group designated as the representative will represent all the undertakings Vis à Vis the Contracting Authority with regard to the execution of the Contract.

(e) In case of joint-contracting, the co-contractors shall share the sums which are paid by the Delegated Contracting Authority into a single account; on the other hand, each undertaking is paid in its own account by the Contracting Authority where it is several co-contracting.

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

**6.4** National bidders and groups of national bidders requesting to benefit from the margin of preference whose percentage is set at ten percent (10%) must furnish all the necessary information to prove that they satisfy the eligibility criteria set in article 32 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 works site and its environs and obtain by himself and under his/her own responsibility, all the information which may be necessary for the preparation of the offer and the execution of the works. The related cost of the visit of the site shall be borne by the bidder.

**7.2** The Delegated Contracting Authority shall authorise the bidder and his/her employees or agents to enter the premises and the land for the said visit but only on the express condition that the bidder, his/her employees and agents free the Delegated Contracting Authority, his/her employees and agents of any responsibility that may ensue and indemnify them if necessary and that they shall remain

responsible for any deadly or corporal accident, loss of material damages, costs and fees incurred from this visit.

7.3 The Delegated Contracting Authority may organise a visit of the site of the works during the preparatory meeting to establishing the offers mentioned in article 19 of the General Regulations of the invitation to tender.

## **B. Tender File**

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

8.1 The Tender file describes 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:

1. Letter of Invitation to Tender
2. The Tender Notice;
3. The General Regulations of the invitation to tender;
4. The Special Regulations of the invitation to tender;
5. The Special Administrative Conditions;
6. The Special Technical Conditions;
7. The Schedule of Unit Prices
8. The; Bill of Quantities and Estimates
9. The Sub Details of Unit Prices;
10. The Model of Contract
11. The Model Forms

Annex No. 1: Model tender

Annex No. 2: Model Bid Bond

Annex No. 3: Model of Performance Bond (Retention Fund)

Annex No. 4: Declaration Form

Annex No. 5: Model of Start-Off Advance Bond

Annex No. 6: Sub-Unit Price Detail

Annex No.7: Model of Commitment of Availability

Annex No. 8: Model References of The Enterprise

Annex No. 9: Model Equipment List.

Annex No.10: Key Staff

Annex No: 11 Site Visit Report

12. List of banking establishments and financial bodies approved by the Ministry in charge of finance authorised to issue bonds.

13. The Plans

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

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

9.1 Any bidder who wants to obtain clarifications on the Tender File may request them from the Delegated Contracting Authority in writing or by electronic mail (fax or e-mail) at the Delegated Contracting Authority's address indicated in the Special Regulations of the invitation to tender. The



Delegated Contracting Authority replies in writing to any request for clarification received at least fourteen (14) days prior to the deadline for the submission of offers.

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

9.2 Between the publication of the tender notice and the opening of bids, any bidder who feels aggrieved in the public Contracts award procedure may lodge a complaint to the Delegated Contracting Authority.

9.3 The complaint must be addressed to the Delegated Contracting Authority or Delegated Contracting Authority with copies to the body in charge of the regulation of public Contracts and the chairperson of the Tenders Board.

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

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

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

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

10.2 Any published addendum shall be an integral part of the Tender File, in accordance with article 8.1 of the General Regulations of the invitation to tender and must be communicated in writing or made known to all bidders who bought the Tender File. The latter must acknowledge receipt of the addenda in writing to the Delegated Contracting Authority.

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

### C Preparation of offers

#### Article 11: Tender costs

The candidate shall bear the costs related to the preparation and presentation of his/her offer and the Delegated Contracting Authority shall in no case be responsible for these costs nor pay for them whatever the evolution or outcome of the invitation to tender procedure.

#### Article 12: Language of offer

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

#### Article 13: Constituent documents of the offer

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

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

It includes:

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



- ii) The bid bond established in accordance with the provisions of article 17 of the General Regulations of the invitation to tender;
- iii) the written confirmation empowering the signatory of the offer to commit the bidder, in accordance with the provisions of article 6(1) the General Regulations of invitation to tender.

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

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

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

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

The Special Conditions of the invitation to tender specifies the constituent elements of the technical offer of 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, sub-contracting, attestation of visit of the site, where necessary, etc).

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

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

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

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

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

1. The signed and dated original offer 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.

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

13.2. If in accordance with the provisions of the Special Regulations of Invitation to Tender, the bidders present offers 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: Offer price**

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

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

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

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



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

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

15.1 The amount of the offer shall be entirely made in the national currency (CFA franc). The amount of the offer, unit prices of the price schedule and the prices of the bill of quantities and estimates are completely made in the CFA francs.

#### **Article 16: Validity of offers**

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

16.2 Under exceptional circumstances, the Delegated Contracting Authority may seek the approval of bidders to extend the validity time-limit. The request and the responses that will be given shall be written 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/her offer without losing his/her bid bond. A bidder who consents to an extension shall not be asked to modify his/her offer nor shall he be authorised to do so.

16.3 Where the contract does not include a price revision clause and that the period of validity of offers is extended for more than sixty (60) days, the amounts payable to the bidder retained shall be updated by application of the formula featuring in the request for extension that the Delegated Contracting Authority addressed to bidders. The updating period shall run from the date of notification of the contract or the Administrative Order for start of execution of works by the retained bidder, as specified in the Special Administrative Conditions. The effect of updating shall not be taken into account for purposes of evaluation.

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

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

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

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

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

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

17.6 The bid bond may be seized:

- a) If the bidder withdraws his/her offer during the period of validity;
- b) If the retained bidder:
  - i) Fails in his/her obligation to register the contract in application of article 37 of the General Regulations;
  - ii) Fails in his/her obligation to furnish the required final bond in application of article 38 of the General Regulations.



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

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

18.2 Except in the case mentioned in article 18(3) below, bidders wishing to offer technical variants must first assess the basic solution of the Delegated Contracting Authority as described in the Tender File and furnish in addition all the information which the Delegated Contracting Authority needs for a complete evaluation of the proposed variant, including the plans, calculations, technical specifications, sub-details of prices and proposed construction methods and all other useful information. If necessary, the Delegated Contracting Authority will examine only the technical variants of the bidder whose offer conforming to 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 according to their own merit in accordance with the provisions of article 31(2) (g) of the General Regulations.

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

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

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

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

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

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

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

20.1 The bidder shall prepare an original of the constituent documents described in article 13 of the General Regulations in a volume clearly indicated "ORIGINAL". 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 offer must be typed or written in indelible ink (photocopies shall be accepted in the case of copies) and shall be signed by the person(s) duly empowered to sign on behalf of the bidder, in accordance with article 6(1a) or 6(2c) of the General Regulations, as the case may be. All the pages of the offer containing alterations or changes must be initialled by the signatory (ies) of the offer.

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



#### D. SUBMISSION OF OFFERS

##### Article 21: Sealing and marking of offers

21.1 The bidder shall seal the original and each copy of the offer 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) Shall be addressed to the Delegated Contracting Authority at the address indicated in the Special Regulations;
- b) Shall bear the name and identification number of the project as indicated in the Special Regulations and bear the inscription "TO BE OPENED ONLY ON THE DAY AND AT THE TIME FIXED FOR THE OPENING OF BIDS" 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 Delegated Contracting Authority to return the sealed offer if it is late in accordance with article 23 of the General Regulations and to meet the provisions of article 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 Delegated Contracting Authority shall not be responsible if the offer is misplaced or opened prematurely.

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

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

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

##### Article 23: Late offers

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

##### Article 24: Modification, substitution and withdrawal of offers

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

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



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

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

#### **E. Opening of envelopes and evaluation of offers**

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

25.1 The competent Tenders Board shall open the envelopes in a single phase 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 offer shall be returned to the bidder unopened. Withdrawal shall be allowed only if the corresponding notification contains a valid empowerment of the signatory to request this withdrawal and if this notification is read to the hearing of everyone. Then the envelopes marked "Replacement offer" are opened and announced to the hearing of everyone and the new corresponding offer substituted for the preceding one which will be sent to the bidder concerned unopened. The replacement of the offer shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the replacement and read to the hearing of everyone. Lastly, the envelopes marked "modification" shall be opened and their contents read to the hearing of everyone with the corresponding offer. The modification of the offer shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the modification and read to the hearing of everyone. Only offers which were opened and announced to the hearing of everyone during the opening of bids shall then be evaluated.

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

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

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

25.6 At the end of each bid-opening session, the chairperson of the Tenders Board immediately hands over to the focal point designated by ARMP an initialled copy of the offers presented by bidders.

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

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



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

**Article 26: Confidential character of the procedure**

- 26.1 No information relating to the examination, clarification, evaluation and comparison of offers and verification of the qualification of the bidders and the recommendation for the award shall be given neither to bidders nor to any person concerned with the said procedure before the announcement of the award.
- 26.2 Any attempt by a bidder to influence the Evaluation sub-committee of bids or the Delegated Contracting Authority in his/her award decision may cause the rejection of his/her offer.
- 26.3 Notwithstanding the provisions of paragraph 26.2, between the opening of bids and the award of the contract, if a bidder wishes to enter into contact with the Delegated Contracting Authority with reasons having to do with his/her offer may do so in writing.

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

- 27.1 To ease the examination, evaluation and comparison of offers, the chairperson of the Tenders Board may, if he desires, request any bidder to give clarifications on his/her offer. This request for clarification and the response given are formulated in writing but no change on the amount or content of the offer is sought, offered or authorised, except it is necessary to confirm the correction of calculation errors discovered by the Evaluation Sub-committee during the evaluation in accordance with the provisions of article 29 of the General Regulations.
- 27.2 Subject to the provisions of paragraph 1 above, bidders shall not contact members of the Tenders Board and the Evaluation Sub-committee for questions related to their offers, between the opening of envelopes and the award of the contract.

**Article 28: Determination of Conformity of offers**

- 28.1 The Evaluation sub-committee shall carry out a detailed examination of offers to determine if they are complete, if the required guarantees are furnished, if the documents were correctly signed and if generally the offers are in proper order.
- 28.2 The Evaluation sub-committee shall determine if the offer is essentially in conformity with the conditions fixed in the Tender File based on the content without recourse to external elements of proof.
- 28.3 An offer that conforms to the Tender File shall essentially be an offer that respects all the terms, conditions and specifications of the Tender File, without substantial divergence or reservation. A substantial divergence or reservation is that
- i) which substantially limits the scope, quality or realisation of the works;
  - ii) which substantially limits and is not in conformity with the Tender File, the rights of the Delegated Contracting Authority or the obligations of the bidder in relation to the contract; or
  - iii) whose correction would unjustly affect the competitiveness of the other bidders who presented offers that essentially conformed with the Tender File.
- 28.4 If an offer is essentially not in conformity it shall be rejected by the competent Tenders Board and shall not eventually be rendered in conformity.
- 28.5 The Delegated Contracting Authority reserves the right to accept or reject any modification, divergence or reservation. Modifications, divergences, variants and other factors which are beyond the requirements of the Tender File shall not be considered during the evaluation of offers.

**Article 29: Qualification of the bidder**

- The Evaluation sub-committee shall ensure that the successful bidder because having an offer substantially in conformity with the provisions of the Tender File, fulfils the qualification criteria



stipulated in article 6 of the Special Regulations. It is essential to avoid any arbitrariness in determining qualification.

#### **Article 30: Correction of errors**

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

- (a) where there is an incoherence between the unit price and the total obtained by multiplying the unit price by the quantity, the unit price being authentic, the total price shall be corrected, unless the Evaluation sub-committee judges that it is a gross error of decimal point in the unit price in which case the total price as presented shall be authentic and the unit price corrected.
- (b) if the total obtained by addition or subtraction of the totals is not exact, the sub totals shall be considered authentic and the total corrected.
- (c) Where there is a difference between the price indicated in letters and in figures, the amount in letters shall be considered authentic, unless the amount is linked to an arithmetical error confirmed by the sub-detail of the said price, in which case the amount in figures shall prevail subject to paragraphs (a) and (b) above.

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

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

#### **Article 31: Evaluation of financial offers**

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

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

- a) By correcting any possible error in accordance with the provisions of article 30.2 of the General Regulations;
- b) By excluding projected sums and where necessary provisions for the unforeseen occurrences featuring in the bill of quantities and estimates but by adding the amount of works done under State supervision where they are 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 the Special Regulations and the Technical Specifications, the proposed technical variants, if they are permitted, shall be evaluated according to their own merit and independently of the fact that the bidder offered or not a price for the technical solution specified by the Delegated Contracting Authority in the Special Regulations.

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



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

32.4 If the offer judged the lowest bid is considered abnormally low or strongly unbalanced in relation to the estimates of the Delegated Contracting Authority, the Evaluation sub-committee may, from the sub-details of prices furnished by the bidder for any element or all the elements of the bill of quantities and estimates, verify if these prices are compatible with the construction methods and proposed calendar. In the case where the justifications presented by the bidder are not satisfactory to it, the Delegated Contracting Authority may reject the offer.

#### **Article 32: Preference granted national bidders**

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

### **F. Award of the contract**

#### **Article 33: Award**

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

34.2 If, according to article 13(2) of the General Regulations, the invitation to tender comprises several lots, the lowest offer shall be determined by evaluating this contract with other lots to be awarded concurrently, by taking into account the rebates offered by the bidders in the case of more than one lot, as well as their financial situation at the time of award.

#### **Article 34: The right by the Delegated Contracting Authority to declare an invitation to tender unsuccessful or cancel a procedure**

The Delegated or Contracting Authority reserves the right to cancel a procedure of invitation to tender after the authorisation of the Delegated Contracting Authority where the offers have been opened or to declare an invitation to tender unsuccessful after the advice of the competent Tenders Board, without any claims being entertained.

#### **Article 35: Notification of the award of the contract**

Before the expiry of the validity of the offers set in the Special Regulations, the Delegated Contracting Authority shall notify the successful bidder by telecopy confirmed by registered mail or by any other means that his/her offer was retained. This letter will indicate the amount the Delegated Contracting Authority will pay the contractor to execute the works and the execution time-limit.

#### **Article 36: Publication of results of award and petitions**

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

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

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

36.4 In case of petition, it should be addressed to the Public Contracts Authority, with copies to the body in charge of the regulation of public Contracts, the Delegated Contracting Authority or

Delegated Contracting Authority and the chairperson of the Tenders Board. It must take place within a maximum deadline of five (5) working days after the publication of the results.

#### **Article 37: Signing of the contract**

37.1 After publication of the results, the draft contract subscribed by the successful bidder is submitted to the Tenders Board and the competent Specialised Contracts Control Board, where need be for approval.

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

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

#### **Article 38: Final Bond**

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

38.2 The bond whose rate varies between 2 and 5 percent of the amount of the contract may be replaced by a guarantee from a banking establishment approved according to the instruments in force with the Delegated Contracting Authority as beneficiary or by a joint or several guarantee.

38.3 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.

38.4 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

**THE SPECIAL REGULATIONS OF  
THE INVITATION TO TENDER**

## THE SPECIAL REGULATIONS OF THE INVITATION TO TENDER (SRIT)

### Note on the Special Regulations of the Invitation to Tender

The aim of Document No. 4 is to help the Projected Owner or Delegated Project Owner and/or Contracting Authority to furnish specific information corresponding to the clauses of the General Regulations featuring in Document No. 2. This information must be established for each contract.

The Contracting Authority must specify in the Special Regulations the information and conditions specific to its situation, to the contract award process, to applicable rules concerning the amount and currency of the bid and to the criteria that will be used to evaluate the bids. During the preparation of this document, particular attention must be paid to the following aspects:

- a) Information which specify and complete the clauses of Document No. 2 must be included;
- b) Amendments and/or possible addenda to the clauses of Document No. 2, determined by conditions specific to the tender under consideration must also be included.

This document must be filled by the Contracting Authority before the publication of the tender file. The following provisions which are specific to works forming the subject of the call for tender, complete or specify the provisions of the General Regulations of the invitation to tender.

In case of conflict, the following provisions take precedence over the General Regulations of the invitation to tender. The figures of the first column refer to the corresponding article in the General Regulations of the invitation to tender. The provisions of the General Regulations of the invitation to tender not repeated in the Special Regulations shall remain applicable.

### A) INTRODUCTION

#### ARTICLE 1: Definition of Works:

Within the framework of the Funding allocated for this project, the Mayor of BELO COUNCIL hereby launches an open national invitation to tender document for the construction of the Anyouh bridge in mbessa fondom

#### ARTICLE 2: Execution Deadline

The maximum completion period of the works to the state of provisional reception is four (04) months from the date of notification of the service order to start work

#### ARTICLE 3: Source of funding

The works which form the subject of this OPEN NATIONAL INVITATION TO TENDER by EMERGENCY PROCEDURE shall be financed by the FEICOM 2025 4% special reserves for councils, allocated to the MAYOR of BELO COUNCIL the authorizing officer.

#### Article 4: Consistency of the bids

The bid shall include a file for:

#### Envelope A: Administrative documents

It shall consist of the following documents, stapled and arranged in the following order.

1. An undertaking by the bidder (declaration to tender), stamped, dated and signed by the bidder or group representative in conformity with the model attached.
2. An attestation of non-bankruptcy not older than 03 months, issued by the chamber of commerce or court of competent jurisdiction of the place of residence of the bidder.
3. An attestation of domiciliation: Bank account in the name of the enterprise issued by a bank or any first-order credit institution approved by the Minister in charge of finance.
4. Bid security (bank guarantee) of Lot 1: 840,000 (eight hundred and forty thousand) FCFA; Lot 2: 740,000 (seven hundred and forty) FCFA; Lot 3: 618,798 (six hundred and eighteen



thousand seven hundred and ninety eight) FCFA, from a bank accredited by MINEFI and recognised by COBAC (Bank caution)/CIDEF

5. Treasury Receipt showing the payment of the tender fee of Lot 1: 70,000 (seventy thousand) FCFA; Lot 2: 60,000 (sixty thousand) FCFA; Lot 3: 50,000 (fifty thousand) FCFA.as stipulated in the tender notice.
6. An attestation of CNPS: current certificate from the National Social Insurance Fund (CNPS) certifying that the bidder has effectively paid his/her social contributions.
7. Certificate of non exclusion attesting that the bidder is not the subject of a temporary or permanent exclusion from Public Contracts, not older that three (03) months issued by ARMP.
8. A certificate of fiscal conformity certifying that the bidder owes no taxes signed by the director or the head of taxcenter..
9. A valid copy of Tax payer's card.
10. A certified copy of certificate of incorporation.
11. Attestation of site visit signed by the Contractor
12. Group agreement as the case may be.
13. Power of attorney as the case may be signed by a notary.
14. The Special Administrative Conditions (SAC/CCAP), initialled on each page and signed, dated and stamped on the last page
15. Plan of localization, signed by the contractor
16. Categorisation

**N.B:**

Absence of the following documents shall result to out right rejection

- ✓ Receipt for the purchase of tender file
- ✓ Bid bond

- All bids not containing all the documents listed above or not in conformity with the models shall be simply rejected.

**N.B:** All documents shall be originals as requested or certified true copies legalised by competent services or that which issued them and must not be more than three (03) months old.

The documents shall be arranged in the order listed above and separated from each other by colour separators. *Any document with double certification shall not be accepted.*

**Envelope B: TECHNICAL FILE**

It shall contain the documents cited below and placed in the following order:

N°	DOCUMENT	OPERATION REQUESTED	AUTHENTICATION
B1	Equipment list	It shall show clearly the means at the disposal of the enterprise to carry out the job (list of equipment and tools)	Attach certified copies of title deeds, receipts, etc. These equipments and tools must be present at the site before and during each phase
B2	Personnel list	It shall contain: • Works Supervisor: at least a Civil Engineer with at least 05 years' experience • Foreman: at least a Senior Civil Engineering technician or HND with atleast 5yrs experience in the domain of Construction. • Other personnel	Attach for each person a CV signed and dated, as well as a certified copy of certificate. (all key personnel must present a commitment of availability duly signed and must present a certified copy of a valid national identity card
B3	Organisation of works/ methodology	In conformity with article 7 below, it shall show clearly the organisation of the enterprise ( methodology of	Date, signature and stamp of bidder at the end of document



		execution, work schedule, site installation, supply of materials, etc)	
B4	Sub-contracting	Information on the sub-contractor (equipment, personnel, references, etc)	Date and signature of sub-contractor. (only 30% of the contract may be sub-contracted)
B5	Attestation of site visit	Attestation of visit to the site where the works are to be carried out. A site visit report signed by the Authorising Officer. (see attached format)	Dated and signed by the Authorising Officer
B6	References of the enterprise.	List of similar jobs executed in the last three (03) years by the enterprise and or other civil engineering works realised. (see attached format)	Amount of works, copies of (1 <sup>st</sup> and last pages) and minutes of final reception for all giant works executed before 2024 and minutes of provisional reception for 2024 projects.
B7	Financial capability	Attestation of pre-financing delivered by a banking institution recognised by MINFI/COBAC	Date and signature of bank Manager in charge.
B8	Technical specifications	Provided in tender file.	Initialled on every page and Signed and stamped on the last page

#### ENVELOPE C: FINANCIAL OFFER

No	DOCUMENT	OPERATION REQUESTED	AUTHENTICATION
C1	The tender (Application letter)	Format to be completed and tender amount inserted.	Signature, date and stamp of bidder. A Fiscal stamp of 1500 FCFA.
C2	Unit Price Elaboration	Format to be completed showing detail breakdown of prices.	Initials on each page, all pages stamped.
C3	Bill of Quantities and Cost Estimates	Format to be completed.	Initials on each page, dated, signature on the last page, all pages stamped.
C4	The Sub detail of unit prices	Format to be completed showing the unit prices.	Initials on each page and signature on last page, all pages stamped with enterprise function stamp.

All these documents are to be arranged in the above order and separated with colour separators other than white.

**Note:** Plans supplied with tender file should not be submitted.

#### **Building materials, materials, supplies equipment and authorised services**

The taxes and duties on the importation of materials for execution of works shall be in conformity with the legislation of the Republic of Cameroon.

#### **Article 5 : Main qualification criteria of bidders**

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

- General presentation of the tender files;
- References of the company in similar achievements;
- Quality of the personnel requested;
- Attestation and report of site visit;
- Technical organization of the works;
- Equipments put aside for this project;
- Special Technical Clauses initialled in all the pages and signed, stamped and dated on the last page ;
- Special Administrative Clauses completed and initialled in all the pages and signed, stamped and dated on the last page ;

- Safety measures on the site.
- Pre-financial capability

Any offer that shall not respect (75%) of the above criteria shall simply be eliminated.

- 5.2 Bidders shall remain bound by their bids for a period of ninety (90) days from date of opening of the bids

#### ARTICLE 6: OBLIGATIONS AND CONDITIONS TO TENDER

- 6.1 Any bid that does not respect any of the conditions for tendering shall not be received.
- 6.2 The bidders shall submit seven (07) copies with one (01) original and six (06) copies (indicated on them as such) of his/her bids drafted in English or French at the Service for infrastructural Contracts at the BELO COUNCIL against a receipt **on or before the 27/09/2025 at 11:00a.m prompt.** No bid shall be received after this time and date.
- 6.3 After submission no bids shall be withdrawn, modified or corrected for any reason. This condition shall apply before and after the submission date.

#### ARTICLE 7: THE BIDDING DOCUMENTS

- 7.1 The documents that make up this tender are as follows:

1. The Tender Notice;
2. The General Regulations of the invitation to tender;
3. The Special Regulations of the invitation to tender;
4. The Special Administrative Conditions;
5. The Special Technical Conditions;
6. The Schedule of Unit Prices
7. The; Bill of Quantities and Estimates
8. The Sub Details of Unit Prices;
9. The Model of Contract
10. The Model Forms

Annex No. 1: Model tender

Annex No. 2: Model Bid Bond

Annex No. 3: Model of Performance Bond (Retention Fund)

Annex No. 4: Declaration Form

Annex No. 5: Model of Start-Off Advance Bond

Annex No. 6: Sub-Unit Price Detail

Annex No. 7: Model of Commitment of Availability

Annex No. 8: Model References of The Enterprise

Annex No. 9: Model Equipment List.

Annex No. 10: Key Staff

Annex No. 11 Site Visit Report

11. List of banking establishments and financial bodies approved by the Ministry in charge of finance authorised to issue bonds.

12. The Plans

#### ARTICLE 8: AMENDMENT OF BIDDING DOCUMENTS

- 8.1 At any time prior to the deadline for submission of bids, the Council Tenders Board, may modify the bidding documents for any reasons, whether at its own initiative, at the request of the Contracting Authority or in response to a clarification requested by a prospective bidder.



- 8.2 All prospective bidders that have received the bidding documents will be notified of all amendments in writing or be contacted by telephone to do so and all such modifications will be considered as an integral part of their bidding documents.
- 8.3 In order to allow prospective bidders reasonable time in which to take the amendment into account in preparing their bids, the CouncilTenders Board at its discretion, may extend the deadline for the submission of bids if there were any such amendments.

#### ARTICLE 9: CALCULATION OF PRICES

- 9.1 The amount shall be calculated on the bases of variable prices.  
The bidder shall fill, in letters and in figures, the unit prices in the price enclosure slip and the unit prices are to be multiplied by the quantities given in order to obtain the amount of his/her offer for each item.
- 9.2 The price enclosure slip must be completed. Any price lacking on this form shall be considered as follows:
- The corresponding price on the bill of quantities and costs estimates;
  - The highest corresponding price furnished by the bidder technically qualified, if it exist in the same lot,
  - The average of all the prices of bidders in the same lot if the bidder is the only qualified one.
- 9.3 The bidder shall express the prices in the PES and BQCE in francs CFA excluding taxes before adding the taxes to the BQCE only.  
The prices on the PES shall have priority over those of the BQCE and PE. They shall serve as the bases of calculation of the bidding amount.  
The eventual calculation errors shall be corrected by the Sub Committee for Analysis and the amount altered if necessary without any complaints from the bidder.

#### ARTICLE 10: PRESENTATION OF BIDS

##### a. Signature of bids – Power of Attorney

10.1.A All the signatures and initials needed for the tender and indicated in this article must be those of the bidder himself or his/her representative duly mandated.

10.1.B If the bidder is a group of enterprises, each group member or representative must sign the bidding documents such that the result shall be a joint offer.

The group shall choose a common representative who shall receive Service Orders and carry out all transactions in the name of the group.

##### b. Presentation of bids

The bid shall be presented in seven (07) copies (one (01) original and six (06) copies) marked as such and put inside three (03) sealed envelopes comprising the following:

All these documents are to be arranged in the above order and separated with colour separators.

Note: Plans supplied with tender file should not be submitted.

##### c. SUBMISSION OF OFFERS AND OPENING OF BIDS

Envelopes A, B, and C are to be sealed and each envelope shall be marked "ADMINISTRATIVE DOCUMENTS, TECHNICAL OFFER or FINANCIAL OFFER" as the case may be. The three envelopes shall be placed in a fourth envelope, sealed and shall carry the following inscriptions:

**< OPEN NATIONAL INVITATION TO TENDER BY EMERGENCY PROCEDURE  
No 014/ONIT/BC/BCITB/2025 OF 03/09/2025 FOR THE CONSTRUCTION OF  
BRIDGE OVER RIVER ANYOUH LINKING FETONGLE AND NJONGHITIN IN MBESSA  
BELO SUB DIVISION, BOYO DIVISION OF THE NORTH-WEST REGION, >**

Indicate the lot

**(TO BE OPENED ONLY DURING THE BIDS OPENING SESSION)**

All bids shall be deposited at the Service of Contracts of infrastructures at the BELO COUNCIL against a receipt according to the schedule in the tender notice. In the case where the envelope shall not



be sealed or without the inscription on it, the administration shall decline all responsibility for misdirection or premature opening. Any bid opened prematurely shall be rejected and returned to the bidder.

#### **ARTICLE 11: TECHNICAL PROPOSALS**

Proposals for different variants can be accepted from the bidder but the bidder has the obligation of costing the variant in the tender file.

#### **ARTICLE 12: BID BOND**

The bidder shall furnish a bid bond (provisional caution) of Lot 1: 840,000 (eight hundred and forty thousand) FCFA; Lot 2: 740,000 (seven hundred and forty) FCFA; Lot 3: 618,798 (six hundred and eighteen thousand seven hundred and ninety eight) FCFA from a banking institution of the first order accredited by the Ministry in charge of Finance according to the criteria of COBAC.

#### **ARTICLE 13: TENDER**

Each bidder shall tender following the conditions laid down in this tender file.

#### **ARTICLE 14: CURRENCY**

The unit prices shall be calculated in Francs CFA, and furnish in figures and words without taxes, while the total amount shall be calculated without taxes and then with taxes according to the BQCE. The currency that shall be used for payment shall be the FCFA.

#### **ARTICLE 15: PAYMENT MODALITIES**

The contractor shall be paid upon presentation of monthly instalments "Décomptes" established from attachments signed by Project Manager and visa by the Delegated Contracting Authority showing the work progress, presented by the Contract Engineer and countersigned by the Contract Manager (Authorising Officer) and the Contractor.

#### **ARTICLE 16: IMPORTATION OF MATERIALS**

The taxes and duties on the importation of materials for execution of works shall be in conformity with the legislation of the Republic of Cameroon.

#### **ARTICLE 17: VERIFICATION OF BIDS**

13.1 The administration has a period of one (01) month to examine the bids and make its choice. It shall eventually rectify, as indicated in article 5.3, the bidding amount without any objection from the bidder.

13.2 At the request of the tender board, the bidder shall furnish in writing, within seven (07) calendar days, any information necessary for the examination of his/her bid or concerning errors and omissions noted.

13.3 The tender board reserves the right to convoke the bidder at his/her expenditure for complementary explanations. Any errors discovered by the tender board shall be rectified as follows:

13.3.1 Where there exist a difference between the amount in figures and the amount in letters, the amount in letters shall be taken as correct;

13.3.2 Where there exist a difference between a unit price and the amount obtained by the product of unit price and the quantity, the unit price shall be taken, except the tender board estimates that it is an error of decimal point, in which case the amount is taken and the unit price corrected.

13.3.3 The sub-committee for the evaluation of bids, whose president shall be designated by the Delegated Contracting Authority, shall be constituted during the bid opening session.

#### **ARTICLE 18: VALIDITY OF BIDS**

The bidder shall be bound by his/her bid for a period of ninety (90) days from the day of submission of bids. If at the end of this period the Jobbing Order is not notified to the bidder, he can withdraw his/her bid or accept the extension of duration on the written request of the administration.



## ARTICLE 19: OPENING/EVALUATION OF BIDS AND CHOICE OF CONTRACTOR:

The opening of bids shall take place on the date and place prescribed in the tender file. Envelopes received from prospective bidders shall be opened at once and evaluated in two stages.

### 19.1 OPENING OF ENVELOPES (A) (B) and (C) (FIRST STAGE)

#### • OPENING/EXAMINATION OF ENVELOPE (A):

(Administrative documents) shall be opened in public and the conformity of the documents shall be verified. The administrative documents must be complete, valid and authentic. The bid bond must conform to the format submitted. Only bids with documents that meet these requirements shall have their other envelopes evaluated.

#### ADMINISTRATIVE DOCUMENTS.

DOCUMENT N°	DESCRIPTION
A.1	Declaration of intention to tender stamped with the tariff in force (written by the bidder).
A.2	Certificate of non-bankruptcy established by the Court of 1st instance or the Chamber of Commerce, Industry and Trade of the place of residence of the bidder, not more than three (03) months.
A.3	Attestation of bank account of the bidder, issued by a first rate-bank approved by the Ministry in charge of Finance or by a foreign bank the first order not more than three months.
A.4	Purchase receipt of tender file issued by Belo Municipal treasury Lot 1: 70,000 (seventy thousand) FCFA; Lot 2: 60,000 (sixty thousand) FCFA; Lot 3: 50,000 (fifty thousand) FCFA.
A.5	A bid bond of Lot 1: 840,000 (eight hundred and forty thousand) FCFA; Lot 2: 740,000 (seven hundred and forty thousand) FCFA; Lot 3: 618,798 (six hundred and eighteen thousand seven hundred and ninety eight) FCFA issued by a first rate-bank approved by the Ministry in charge of Finance in conformity with COBAC conditions
A.6	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 less than three months old.
A.7	An attestation of non-exclusion from Public Contracts issued by the Public contract Regulatory Board (ARMP)
A.8	A certificate of fiscal conformity certifying that the bidder owes no taxes signed by the director or the head of taxcenter.
A.9	Certified Copy of a valid taxpayers card, delivered by the chief of center of Taxes.
A.10	A certified copy of certificate of incorporation
A.11	An Attestation of site visit signed by the contractor
A.12	Group agreement as the case may be.
A.13	Power of attorney authorizing signatory to engage the enterprise in the Tender
A.14	The Special Administrative Conditions (SAC/CCAP), initialed on each page and signed, dated and stamped on the last page
A.15	Plan of localization of the enterprise
A.16	Categorization

#### • OPENING/EXAMINATION OF ENVELOPE (B)

(Technical Offer) shall be opened in public to determine whether the file is complete with the authenticity of documents checked and whether the documents are legalised by the competent services concerned and placed in the recommended order.

#### • OPENING/EXAMINATION OF ENVELOPE (C)

(Financial Offer) shall be opened in public but evaluated only for bids that have sailed through the first two steps.

Bid amounts shall be read out in public as inscribed in the financial offer of the bidder.

**NB:** Copies of the financial offer shall along side the Administrative and Technical offers, be handed to a Sub-Technical committee for verification and evaluation of the Technical and Financial Offers.

The bidder shall do everything to facilitate the job of the Sub-Technical committee for Analysis by using Coloured separators, Title pages and summaries where necessary and presentation of documents according to the order given in the tender file.

## 19.2 EVALUATION OF TECHNICAL OFFER

All lots carry the same evaluation guides

<b>BELO COUNCIL</b>			
<b>TECHNICAL ANALYSIS</b>			
<b>FOR THE FOR THE CONSTRUCTION OF THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN BELO MUNICIPALITY, BOYO DIVISION OF THE NORTH-WEST REGION.</b>			
1	<b>PRESIDENT:</b>		
2	<b>SECRETARY:</b>		
3	<b>MEMBER:</b>		
4	<b>PROJECT OWNER:</b>		
TENDER No: .....OF .....			
<b>CONTRACTORS:</b>			
A)			
B)			
C)			
Eliminatory Criteria (See evaluation of administrative files)			
<b>Designation</b>		<b>BIDDERS</b>	
		<b>A</b>	<b>B</b>
		<b>C</b>	
		<b>EVALUATION (Yes or No)</b>	
<b>a. General presentation of bids</b>			
a1	Presence of all documents		
a2	Properly bind		
a3	Separators in colour apart from white		
a4	Order prescribed respected		
a5	Table of content page		
a6	Colour sheets separation apart from white		
<b>TOTAL a</b>		/6	/6
<b>b. The company references</b>		<b>EVALUATION (Yes or No)</b>	
References of the company in civil construction or similar works for the past Five years			
b1	Atleast a cumulative Certified copy of contracts above 50 million (1 <sup>st</sup> and last page) and PV of provisional reception for projects executed within the last five yrs (pluri annual projects accepted)		
b2	Atleast a cumulative Certified copy of similar contracts below 400 million and more than 50 million (1 <sup>st</sup> and last page) and PV of provisional reception within the last five yrs (pluri annual contracts accepted)		
b3	Atleast 01 Certified copy of contract atleast 30 million (1 <sup>st</sup> and last page) and PV of provisional reception.		
<b>TOTAL b</b>		/3	/3
<b>c. Equipment</b>		<b>EVALUATION (Yes or No)</b>	
c1	Proof of ownership or hire of a liason vehicle (Pick up 4 x 4 or van) (Hired or owned)		



c2	Proof of ownership or hire of a truck of atleast 20 tonnes capacity			
c3	Proof of ownership or hire of a front head loader or similiar equipment			
	<b>TOTA 2</b>	<b>/3</b>	<b>/3</b>	<b>/3</b>
	<b>d. Personnel of the Enterprise</b>	<b>EVALUATION (Yes or No)</b>		
	<b>Works Engineer: Civil Engineer or Bachelor in Civil Engineering with atleast 05 yrs of experience .</b>			
d1	Certified copy of valid national identity card			
d2	Diploma of work Engineer certified			
d3	CV signed and dated by works Engineer			
D4	Attestation of availability dully signed by bearer and dated			
	<b>Site foreman: Senior Civil Engineering technician or HND with atleast ≥ 03 yrs experience</b>			
D5	Certified copy of valid national identity card			
D6	Certified copy of certificate of Foreman			
D7	CV signed and dated by site foreman			
D8	Attestation of availability dully signed by bearer and dated			
	<b>Chief carpenter: Atleast CAP in wood work/joinery atleast three years</b>			
d9	Certified copy of valid national identity card			
d10	Certified copy of diploma			
d11	Cv signed and dated			
d12	Attestation of availability dully signed by bearer and dated			
	<b>TOTAL d</b>	<b>/12</b>	<b>/12</b>	<b>/12</b>
	<b>e) Technical Proposals</b>	<b>EVALUATION (Yes or No)</b>		
e1	Attestation of site visit			
e2	Site visit report duely signed by the Contractor			
e3	Detailed technical note and proposals			
	<b>TOTAL e</b>	<b>/3</b>	<b>/3</b>	<b>/3</b>
	<b>f) The methodology of intervention and execution of work</b>	<b>EVALUATION (Yes or No)</b>		
f1	Site organisation in teams or options			
f2	Description of the socio - environment measures for site protection			
f3	Dispositions prevued for the securisation of personnel and and other ussers			
f4	Use of local manpower			
f5	CCTP dully initialled and dated on each page and signed on the last page			
	<b>TOTAL f</b>	<b>/5</b>	<b>/5</b>	<b>/5</b>
	<b>g. Planning of execution of works</b>	<b>EVALUATION (Yes or No)</b>		
g1	Manpower deployment plan			

g2	Material deployment plan			
g3	Organisational chart of the enterprise			
	<b>TOTAL g</b>	/3	/3	/3
	<b>I. Pre-financing</b>	<b>EVALUATION (Yes or No)</b>		
h1	Attestation of credibility shall be at least 55% of the bid price			
	<b>TOTAL</b>	/1	/1	/1
	<b>GRAND TOTAL</b>	/36	/36	/36
<b>NB:</b> The minimal technical acceptable mark is 75% of the technical mark, i.e. All bids having less than 75/100 of the technical marks shall be eliminated.				
<b>Resolution:</b>				
<b>IV</b>	<b>FINANCIAL ANALYSIS</b>	<b>EVALUATION</b>		
		<b>A</b>	<b>B</b>	<b>C</b>
1	Unit Price Schedule			
2	Bill of Quantities and Cost Estimate			
3	Sub Detail of prices			
4	Bidder's Financial Offer			
<b>NB)</b> The non-existence or laxity noticed at the study of prices and Arithmetic errors shall be corrected by the Technical Sub Committee with respect to the invitation to Tender				
<b>FINAL RESOLUTION OF THE EVALUATION COMMISSION (use the corrected offer)</b>				

### 19.3: EVALUATION OF FINANCIAL OFFER:

Careful study shall be carried out on the details of prices, unit prices, the bill of quantities and cost estimates presented to make sure the bidder did study the prices and has not made an arithmetic error to arrive at his/her final contract amount. The prices on the PES shall have priority over those of the BQCE and PE. They shall serve as the bases of calculation of the bidding amount.

The eventual calculation errors shall be corrected by the Sub Committee for Analysis and the amount altered if necessary, without any complaints from the bidder. Any laxity noticed at the study of prices shall lead to the disqualification of the bid.

### 20.3: CHOICE OF CONTRACTOR (CRITERIA OF AWARDED CONTRACT):

According to article 33(1) (a) of the Public Contract Code, the contract shall be awarded to the meritorious and lowest bidder, careful study must be carried out on the details of prices, unit prices, the bill of quantities and cost estimates presented to make sure the bidder did study the prices and has not made an arithmetic error to arrive at his/her final contract amount. A bidder can tender for all but can only be awarded 2

### ARTICLE 21: PROCEDURE OF AWARD OF CONTRACT

The results from this tender shall be prepared, awarded and executed according to the rules and procedures defined by the legislation in force for Public Contracts.

21.1 The winner shall be notified through his/her official address or public media. He shall in five (05) days fulfil the formalities related to the awards, especially to submit seven (07) copies of



the proposed contract that he/she has completed and signed, to the office of the Delegated Contracting Authority for final signature.

- 21.2 In the case where the enterprise does not fulfil these conditions, his/her choice shall simply be annulled without further notice and the next contender shall be called in for replacement.

Once the Delegated Contracting Authority has signed the contract, the contractor shall be notified with immediate effect. He has three (03) days to contact the Authorising Officer for the beginning of execution of works following notification of the Service Order to start work by the Project Manager. Failure to respect the date line shall call for withdrawal and eventual cancellation of contract.

- 21.3 The present contract can be cancelled outright in the cases provided for by Decree 2018-366 of 20 June 2018 in the Public Contracts Code.

Document N° 4

**SPECIAL ADMINISTRATIVE  
CONDITIONS (SAC)**



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## THE SPECIAL ADMINISTRATIVE CONDITIONS (SAC)

### CHAPTER I: GENERAL

#### Article 1: Subject of contract

The subject of the contract must be in consonance with article 1 of the GAC relating to the scope of application.

The subject of this contract shall be for the construction of THE CONSTRUCTION OF THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN BELO MUNICIPALITY, BOYO DIVISION OF THE NORTH-WEST

#### Article 2: Contract award procedure.

This contract shall be awarded by, OPEN NATIONAL INVITATION TO TENDER BY EMERGENCY PROCEDURE No\_\_01/ONIT/BC/BCITB/2025 OF \_\_\_\_/08/2025 FOR THE CONSTRUCTION OF THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN BELO MUNICIPALITY, BOYO DIVISION OF THE NORTH-WEST REGION.

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

##### 3.1 General definitions (cf. Code)

- The Contracting Authority shall be: The Mayor of BELO COUNCIL. He awards the contract, ensures the preservation of originals of said contract documents and the transmission of copies to the Ministry in charge of Public Contracts and to the body in charge of regulation.
- The Project Owner is the Mayor of BELO COUNCIL. He represents the beneficiary administration of the works.
- The authority in charge of the effective execution of the works: the Ministry in charge of Public Contracts.
- The Attributions of Contract Manager are devolved on the Council Development Officer of BELO COUNCIL who on the basis of the works' attachment, signs and liquidates the payments.
- The Contract Engineer shall be The Divisional Delegate of Public Works BOYO hereinafter referred to as the Engineer.
- The Project Manager shall be SG Belo Council
- The contractor shall be.....

##### 3.2 Security

This contract may be used as security subject to any form of transfer of the debt.

In this case:

- The authority in charge of ordering payment shall be: The Mayor of BELO COUNCIL.
- The authority in charge of the clearance of expenditures shall be the General Manager of FEICOM
- The body or official in charge of payment shall be Accountant of FEICOM
- The official competent to furnish information within the context of execution of this contract shall be the Mayor of BELO COUNCIL.
- The Attributions of the Project Manager is to the Divisional Delegate of Public Works BOYO in charge of control and supervision of the works, who examines, verifies, testifies and approves the quality and quantity of all works executed. In consequence, he is qualified to prescribe all the dispositions that he judges necessary and confirms all the works well done. He works in collaboration with the Contract Manager.

#### Article 4: Language, applicable law and regulation

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



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

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

#### **Article 5: Constituent documents of the contract (Article 4 of GAC)**

The constituent contractual documents of this contract are in order of priority: *(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) here under;
- 3) The Special Administrative Conditions (SAC);
- 4) The Special Technical Conditions (STC);
- 5) The particular elements necessary for the determination of the contract price, such as, in order of priority: the unit price schedule, the statement of all-in prices, detailed estimates, the breakdown of all-in prices and the sub-details of unit prices;
- 6) Plans, calculation notes, trial documents, geotechnical documents
- 7) The General Administrative Conditions applicable on MiNEE contracts that went into effect by Order No. 033/CAB/PM of 13 February 2007;
- 8) The General Technical Condition(s) applicable on the services forming the subject of the contract

#### **Article 6: General instruments in force**

This contract shall be governed by the following general instruments:

- The special General Administrative Clauses (CCLS);
- The law N° 96/12 of 05 August 1996 on the management of environment;
- The texts governing the trade;
- Decree n° 2001/048 of 23 February 2001 relating to the setting up, Organization and

functioning of the Public Contracts Regulation Agency ARMP.

- Decree n° 2003/65/PM of 16 April 2003 to lay down the procedure for implementing the tax and customs system applicable to public contracts;
- Order N°22/CAB/PM of 02 February 2011 to lay down conditions for the recruitment of

individual consultants;

- Order N°23/CAB/PM of 02 February 2011 to lay down conditions for the implementation of request for quotation;
- Circular No. 004/CAB/PM of 30 December 2005 relating to the application of the Public

Contracts Code;

- Circular No. 003/CAB/PM of 18 April 2008 relating to the observance of the rules governing the award; execution and control of Public Contracts;
- Circular No. 002/CAB/PM of January 31, 2011 on the improvement of the performance of

the Public Contracts system;

- Circular No. 003/CAB/PM of January 31, 2011 defining the conditions for the management

of the changes of the economic conditions of Public Contracts;

- Decree N°2012/075 of 08 march 2012 to organize the Ministry of Public Contracts;

- Decree N°2012/076 of 08 march 2012 to amend and supplement certain provisions of decree N°2001/048 of 23 February 2001 relating to the creation, organization and functioning of the Public Contracts Regulatory Agency(ARMP);
- Circular N°001/CAB/PR of 19 June 2012 on the award, the control of execution of public contracts;
- The circular No 00013995.C/MINFI of 31 DEC 2024 Bearing instructions relating to the implementation of the finance laws, the monitoring and control of the execution of the budgets of the state and other public entities for the 2025 fiscal year
- Unified Technical Documents (DTU) for building works;
- The CCTP;
- The Norms in force in the Republic of Cameroon;
- Order No 00002/MINEPDED of 08th February 2016 stating the format of terms of reference and the content of an Environmental Impact Notice (EIN).
- Other texts specific to contracting fields
- Legal framework governing COLEPS
  - Decree No. 2018/366 of 20 June 2018 to institute the Public Contracts Code, article 122 of which provides for the dematerialisation of procedures
  - Decree No. 2018/001/PM of 5 January 2018 creating a dematerialisation platform for public Contracts and setting its rules of use
  - Decree No. 2018/001/PM of 5 January 2018 to lay down conditions and procedures for the electronic award of Public Contracts in Cameroon
  - Order No. 0101/A/MINMAP/CAD of May 2, 2018 to implement the character for the use of the Public Contracts dematerialisation platform
  - Order No. 002/A/MINMAP/CAB of 18 January 2019 establishing the thresholds and the types of contracts that may be awarded electronically for the 0019 financial year ;
  - Order No. 0003/MINMAP/CAB of 18 January 2019 establishing the list of acts and documents to be published mandatorily on the public procurement dematerialization platform for the 2019 financial year

**Article 7: Communication (Articles 6 and 10 supplemented)**

7.1. 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 province 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

- 7.2. The contractor shall address all written notifications or correspondences to the Project Manager 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 Major Impediment 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 defects which could appear on structures during the guarantee period and not related to normal usage shall be signed by the Project Owner upon the proposal of the Contract Engineer and notified to the contractor by the Contract Engineer, with copies to the Contracting Authority.
- 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 *The contract has 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 [to be specified].

#### **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 Seven (7) days to notify his opinion in writing with a copy sent to the Contract Manager. Beyond this time-limit, the staff list shall be considered as approved.
- 10.3 Any unilateral modification on the supervisory staff made in the technical bid prior to and during the works shall be a reason for termination of the contract as mentioned in article 45 below or the application of penalties [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 contractor.

#### 11.2 Performance bond

The retention fund shall be set at 10 % of the amount of the contract, inclusive of all taxes. The return or release of the retention fund or security shall be done within one month after final acceptance by release issued by the Project Owner upon request by the contractor.

#### 11.3 Guarantee of start-off advance

##### 11.3.1 Request for the start-off advance

At the express request of the contractor, a start-off advance not exceeding 20% of the contract ATI may be granted. This advance shall be 100% guaranteed by a first-rank banking institution based in Cameroon and approved by the Ministry in charge of Finance. The bond shall be drafted according to the model enclosed in Appendix.

##### 11.3.2 Refund of the start-off advance

The start-off advance shall be refunded by deducting 30% of the amount of each payment on account right from the first account of the contract. It must be entirely refunded by the time the amount of work reaches 80% of the value of the contract. Whatever the case, refund must be over one month to the end of the duration of the contract.

##### 11.3.3 Release of bond

As the start-off advance is refunded, the delegated Contracting Authority shall release the corresponding bid bond if the contractor requests it.

### 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 and non revisable.

- 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 (where applicable)

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

The prices of this contract shall be firm and non-reviewable

[Comply with Circular No. 003/CAB/PM of 31 January 2011]

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

The prices of this contract shall be firm and non-reviewable

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

**17.1** The percentage of works under State supervision shall be 2 % of the amount of the contract and its additional clauses, where applicable.

**17.2** In the case where the contractor was 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 10% 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 and lump sum

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

**19.1** NOT APPLICABLE

**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 shall grant a start-off advance of 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 (5<sup>th</sup>) of the month following the month of the services, the contractor shall hand over to the Project Manager two draft provisional monthly detailed accounts in seven copies (one detailed account exclusive of VAT and the other inclusive of taxes), according to the agreed model and establishing the total amount of the sums to which he may lay claim as a result of the execution of the contract since the start of the contract.

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

- 80.75-2.2%/5% paid directly into the account of the contractor;
- 2.2 % paid to the public treasury as AIR 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.

The contractor shall be paid on accounts drawn up by applying the prices of the unit price list to works actually carried out.

**- Record of works carried out:**

At the end of every month, the contractor and the Project Manager shall draw a joint statement summarizing and setting the quantities achieved and recorded for each heading of the Price list during the month and which may give right to payment.

**- Monthly account**

Not later than the fifth (5<sup>th</sup>) of the month following the month when the work was carried out, the contractor shall furnish to the Project Manager seven (07) copies of the provisional monthly accounts.

**- End of work account**

After completion of works and within fifteen (15) days following the date of acceptance, the contractor shall, from the joint records, draw the draft final account of works actually carried out which shall sum up the amounts that he can claim as payment for the works executed.

The draft final account shall be submitted by the contractor for verification and approval by the Project Manager.

Once approved by the Project Manager, the draft final account shall become the final account. It shall serve for making out the final payment to settle the contract drawn up under the same conditions as those defined below relating to drawing of monthly accounts.

**- General and final account**



At the end of the period of guarantee relating to the structures which gives rise to final acceptance of works, the Project Manager shall draw up the general and final account which shall be countersigned by the contractor and the Contracting Authority. This account whose model shall be provided by the Contracting Authority at his convenience shall comprise:

- the final account;
- the final payment;
- the summary of monthly accounts.

Signing of the general and final account without reserve by the contractor shall definitely bind the parties and put an end to the contract, except for issues concerning default interests.

- **Payment of works :**

Payment shall be done by the General Manager of FEICOM after receiving accounts drawn up by the Contract Engineer and signed by the Mayor bearing the visa of the Service of Follow up of Projects and investments of FEICOM upon presentation of an account drawn up by the contracting partners in two (02) copies including the stamped original copy.

Each request for payment shall include the following documents:

**A. Common documents**

1. The Mayor's payment request addressed to the General Manager of FEICOM,
2. The Funding agreement between the General Manager of FEICOM and the Municipality within the framework of the project for which payment is requested;
3. FEICOM's Notice of Approval to the Company's contract;
4. The original contract (s), the jobbing order or the purchase recorded for the start off advance or the first bill and the photocopy of the contract for the following ones,
5. The original copy of the registered receipt for the start off advance or the first bill and photocopies for the others;
6. The Tax Notice,
7. The report of work executed, for partial provisional acceptance, general provisional acceptance or final acceptance of works signed by at least two-thirds (2/3) of the members of the commission including the President,
8. The bill (start off advance or partial or final or holdback) stamped and signed by all the stakeholders (the contractor, the project manager, the contract Engineer and Manager, and liquidated on the back by the Project Owner),
9. The validated attestation of non-indebtedness,
10. The valid original copy of the attestation of Bank Account (not more than three months),
11. The original copy of the certificate of non-exclusion from Public Contracts (only for purchase);
12. A photocopy of the company's civil liability insurance including the photocopy of all site risk insurance (only for works of contractors) - **Except holdback**,
13. A photocopy of the final bond - **Except holdback**,
14. The delivery note signed by the contractor and the vote holder, or delivery note or the attestation of service signed by the Manager or the vote holder, or the attachments signed by the appointed members in accordance with the contractual provisions,
15. A photocopy of the warranty certificate of at least six months for the equipment requiring maintenance,

**B. Documents specific to request for the start-off advance payment;**

- 1 The original copy of the start-off advance deposit or **Guarantee of start-off advance**
- 2 Notice of approval of the plan of works Execution,

3 The plan of Works Execution.

C. Documents specific to request for payment of bill No 1;

- 1 The Service order to start works,
- 2 The project Managers Activity report.

D. Documents specific to request for partial payments;

- 1 The detailed works Execution or services rendered stamped and signed by the contractor, the Project Manager or the contract Engineer;
- 2 The Minutes of works executed.

E. Documents specific to request for final bill payment requests;

- 1 The final detailed works Execution or services rendered stamped and signed by the contractor, the Project Manager or the contract Engineer;
- 2 The As-Built plans of the infrastructures (for works contractors) and the final inspection report (the Project Managers),
- 3 The original copy of the general provisional acceptance or technical acceptance of works report.

F. Documents specific to the payment requests of holdback;

- 1 The original copy of the final acceptance of works report.
- 2 The original copy of the certificate of release of retention signed by the Project Owner,

- **Default interests**

Default interests shall be paid by statement of the amounts owed.

- **Currency**

The currency of the tender and payment shall be the CFA Franc.

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

Documents specific to request for the start-off advance payment;

- a. The original copy of the start-off advance deposit,
- b. Notice of approval of the plan of works Execution,
- c. The plan of Works Execution.

**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. 2004/275 of 24 September 2004 to institute the Public Contracts Code.

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

**A. Penalties for delay**

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

- d. One two thousandth (1/2000<sup>th</sup>) of the initial contract amount all taxes inclusive per calendarday of delay from the first to the 30<sup>th</sup> day beyond the contractual time-limit;
- e. One thousandth (1/1000<sup>th</sup>) of the initial amount of the contract inclusive of all taxes per calendarday beyond the 30<sup>th</sup> day.

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

**B. Specific penalties [amount to be indicated]**



23.3 Independently of penalties for overruns 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:

- Representative of the Co-contractor: 10,000F/d of delay beyond fifteen (15) days from the date of notification of the start-up Service Order;
- Home of the Co-contractor: 10,000F/d late beyond fifteen (15) days from the date of notification of the start-up Service Order;
- List of personnel and equipment: 20,000F/d late beyond fifteen (15) days from the date of notification of the start-up Service Order;
- Insurance: 20,000F/d of delay beyond fifteen (15) days from the notification of the start-up Service Order.
- Final deposit: 20,000F/d of delay beyond twenty (20) days from the notification of the Start-up Service Order;
- Execution schedule: 50,000F/d late beyond thirty (30) days from notification of the start-up Service Order.

NB: If the the lateness is caused by the contractor.

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

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

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

25.1 After completion of the works and within a maximum time-limit of 30 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. The draft shall be forwarded to the Project Manager, after the date of provisional acceptance for examination.

25.2 The Project Manager has a deadline of two weeks to notify the corrected and approved draft to the Project Manager.

25.3 The contractor has a maximum of one month to return the signed final detailed account.

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

26.1 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 after a period of one month 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 a maximum of one month to return the 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;
  - i) Duties and taxes of entry into Cameroonian territory (customs duties, VAT, computer tax);
  - ii) Council dues and taxes ;
  - iii) 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 mean 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 project shall consist in THE CONSTRUCTION OF THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN BELO MUNICIPALITY, BOYO DIVISION OF THE NORTH-WEST REGION.

**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: *four (04) months*.

31.2 This time-limit shall run from the date of notification of the Administrative Order to commence execution of the works [*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 four (04) copies at the beginning of each week.

**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 Project 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 or Rural liabilities (article 45 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)**

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



a) Within a minimum deadline of *thirty (30) days* from the date of notification of the Administrative Order to commence execution, the contractor shall submit *six (6) copies* for the approval of *Contract Manager after the endorsement of the Project Manager and the Contract Engineer* 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 reception with:

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

The contractor has eight (8) days to present a new draft. The Contract Manager or the Project Manager and Contract Engineer 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 reception.

Prior to the start of the work, the execution of works programme shall have received the notice of Approval of FEICOM solicited by the company, care of the Contracting Authority. The Notice of Approval or rejection of execution programme, shall be carried out within time limits not exceeding twenty (20) calendar days with effect from the date of submission to FEICOM of the Execution programme approved by the service Head and the Contract Engineer.

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 30 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 *[fifteen (15) days]* to examine and make known his observations. The contractor then has a deadline of *[eight 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 one month 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 15 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 30 % of the initial amount of the contract and its additional clauses.

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

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

39.2 The Contract Manager has a deadline of 07 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)**

The use of explosives shall only be accepted with authorisation from the Ministry concerned.

### **CHAPTER IV: ACCEPTANCE**

#### **Article 42: Provisional acceptance (article 67 of the GAC)**

Prior to the provisional acceptance, the contractor shall request in writing from the Project Manager, the organization of a technical visit required before acceptance.

This visit shall include, among others, the following operations:

- Controlling the quality and quantity of the structures constructed;
- Carrying out trials provided for by the Special technical conditions;
- Recording the possible non-execution of works provided for under the contract;
- Recording the folding up of the installations and cleaning of the project site;
- Recording the completion of works;
- Recording the quantities of works actually executed.

These operations shall give rise to a report drawn up on the spot, signed by the Project Manager and countersigned by the contractor.

Following this pre-acceptance visit, the Project Manager may indicate the reserves to be lifted and the corresponding works to be carried out before the date of provisional acceptance which he shall fix in agreement with the contractor.

42.1 Tests included in the operations prior to acceptance shall include the geotechnical studies of the soil for the foundation of the building

42.2 Possible ascertainment of the folding up of the site installations and the restitution of the site as was [insert and modify if applicable];

42.3 The Acceptance Commission shall comprise the following members indicatively:



i. The Mayor of BELO Council. (Project Owner);	Chairman
ii. The General Manager of FEICOM or his representative;	Member;
iii. The Service Head for Follow up of Projects and Investments of FEICOM NORTH-WEST Agency	Member
iv. The DD/MINTP/BOYO DIVISION (Contract Engineer)	Secretary
v. The Contract Manger (CDO BELO Council)	Member
vi. The DIVISIONAL Delegate of MINMAP BOYO;	Observer
vii. The Project Manager SG BELO COUNCIL	Member
viii. The Contractor or his representative	Member

The contractor shall be convened to the acceptance by mail at least 10 days prior to the acceptance. He is bound to attend (or be represented).

He takes part in the acceptance as an observer. His absence is equivalent to acceptance without reservation of the conclusion of the Acceptance Commission.

After the visit of the site, the Commission shall examine the minutes of the preliminary operations to the acceptance and shall proceed to provisional acceptance of the works if there is need.

The visit for provisional acceptance shall be the subject of minutes of provisional acceptance signed on the spot by all the members of the Commission.

The minutes of the provisional acceptance report shall specify or set the date of completion of the works.

42.4 There is no provision for partial acceptance.

42.5 The guarantee period commences from the date of provisional acceptance of the said project.

#### **Article 43: Documents to be furnished after execution (article 68 of the GAC)**

43.1 At the completion of the works and within 30 days after the provisional reception, the contractor shall provide all working documents including proof of origin of material used and the network plan with all associated geographical coordinates.

43.2 A penalty of 30% of the guarantee retention shall be retained in the event where the contractor fails to comply with 43.1 above.

#### **Article 44: Guarantee period (article 70 of the GAC)**

The guarantee period shall be one (1) year to run from the date of the provisional acceptance of the works.

#### **Article 45: Final acceptance (article 72 of the GAC)**

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

45.2 The Project Manager shall be member of the commission.

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

### **CHAPTER V: SUNDRY PROVISIONS**

#### **Article 46: Termination of the contract (article 182 of the GAC)**

The contract may be terminated as provided for in Decree No. 2018/366 of 20/06/2018, instituting the Public Contracts Code.

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

- Persistent non payment for services.

**Article 47: Case of Major Impediment (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;
- War in the area of execution of the job;
- Flood: decennial flood frequency.

**Article 48: Disagreements and disputes (article 79 of the GAC)**

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

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

**Article 49: Production and dissemination of this contract**

*[Seven (07)]* copies of this contract shall be produced at the cost of the contractor and furnished to the Contract Manager.

**Article 50 and last: Entry into force of the contract**

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



## **DOCUMENT NO. 5**

# **THE SPECIAL TECHNICAL CONDITIONS**

## **THE SPECIAL TECHNICAL CONDITIONS (STC)**

### **GENERALITIES**

The contractor in charge of this execution must make careful studies of the working drawings. Visit the site and bring up points not understood to the site supervisor for a clarification before making shop drawings and before setting out is carried out.

He will proceed to a careful study of the project and make observations and furnished modifications to the Architect before commencement of work. All supplementary tasks must be verified and signed by the supervisor. Careful studies must be done before commencement of foundation.

# SPECIAL TECHNICAL SPECIFICATIONS

1. GENERALITIES
2. PREPARATORY WORKS
3. ORIGIN, QUALITY AND PREPARATION OF MATERIALS
4. MODE OF EXECUTION OF THE VARIOUS TASKS

All the 3 lots are identical and so possesses the same mode of execution

## - LOT 1

N°	DESCRIPTION
LOT 100	SITE INSTALLATION
101	Site installation
102	Mobilisation and demobilisation of equipment
103	Studies
104	Execution program and Asbuilt plan of works
	SUB TOTAL LOT 100
200	ROAD DIVIATION AND BRIDGE ACCESS
201	Demolition of the existing bridge
202	Road deviation and construction of a temporal bridge
203	Opening of access bridge access on both sides
	SUB TOTAL LOT 300
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES (SPAN=7.0M WIDTH=6.0M; HEIGHT=4.5M)
301	Setting out of bridge
302	Excavation of foundation
303	Lean Concrete for abutment footing (dosage 400kg/m <sup>3</sup> )
304	Reinforced concrete footing (dosage 400kg/m <sup>3</sup> )
305	Stone Masonry abutment wall and wing walls including weep holes
306	Stone pitching hard core at foundation base at 40cm
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m <sup>3</sup> ) including drainage pipes
310	Metallic safety barriers on bridge (Guard rails) including signalisation painting
311	Wooden protection poles at all entrances of bridge
312	Reinforced concrete lateral curbs (dosage 350kg/m <sup>3</sup> )
313	Reinforced concrete beam sitting (dosage 350kg/m <sup>3</sup> )
314	Reinforced concrete transition slab (dosage 350kg/m <sup>3</sup> )
315	Backfilling of bridge abutments and wing walls with material from borrow pit
316	Cleaning of the water track (curage) (5m from both the inlet and outlet of the bridge)
	SUB TOTAL LOT 400
Lot 400	ENVIRONMENTAL MITIGATION MEASURES
401	Planting of vetiver grass on all backfilled flanks of the bridge.
402	Metallic sign boards and labelling type AB
403	Set up, train, and render functional Operations & Maintenance committees
404	Metallic funders information plate 20x40cm

## LOT 2

N°	DESCRIPTION
LOT 100	SITE INSTALLATION
101	Site installation
102	Mobilisation and demobilisation of equipment



- 103 Studies
- 104 Execution program and Asbuilt plan of works
- SUB TOTAL LOT 100

200 ROAD DIVIATION AND BRIDGE ACCESS

- 201 Demolition of the existing bridge
- 202 Road deviation and construction of a temporal bridge
- 203 Opening of access bridge access on both sides
- SUB TOTAL LOT 300

LOT 300 CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=6.0M WIDTH=6.0M;  
HEIGHT=4.5M)

- 301 Setting out of bridge
- 302 Excavation of foundation
- 303 Lean Concrete for abutment footing (dosage 400kg/m3)
- 304 Reinforced concrete footing (dosage 400kg/m3)
- 305 Stone Masonry abutment wall and wing walls including weep holes
- 306 Stone pitching hard core at foundation base at 40cm
- 309 Reinforced concrete for crosing beams and carriageway (dosage 350kg/m3)  
including drainage pipes
- 310 Metallic safety barriers on bridge(Guard rails) including signalisation painting
- 311 Wooden protection poles at all entrances of bridge
- 312 Reinforced concrete lateral curbs(dosage 350kg/m3)
- 313 Reinforced concrete beam sitting(dosage 350kg/m3)
- 314 Reinforced concrete transition slab(dosage 350kg/m3)
- 315 Backfilling of bridge abutments and wing walls with material from borrow pit
- 316 Cleaning of the water trach (curage) (5m from both the inlet and outlet of the  
bridge)
- SUB TOTAL LOT 400

Lot 400 ENVIRONMENTAL MITIGATION MEASURES

- 401 Planting of vetiver grass on all backfilled flanks of the bridge.
- 402 Metallic sign boards and labelling type AB
- 403 Set up, train, and render functional Operations & Maintenance committees
- 404 Metallic funders information plate 20x40cm

LOT 3

N°	DESCRIPTION
LOT 100	SITE INSTALLATION

- 101 Site installation
- 102 Mobilisation and demobilisation of equipment
- 103 Studies
- 104 Execution program and Asbuilt plan of works
- SUB TOTAL LOT 100

200 ROAD DIVIATION AND BRIDGE ACCESS

- 201 Demolition of the existing bridge
- 202 Road deviation and construction of a temporal bridge
- 203 Opening of access bridge access on both sides
- SUB TOTAL LOT 300

LOT 300 CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=5.0M WIDTH=6.0M;  
HEIGHT=3.5M)

- 301 Setting out of bridge
- 302 Excavation of foundation
- 303 Lean Concrete for abutment footing (dosage 400kg/m3)
- 304 Reinforced concrete footing (dosage 400kg/m3)
- 305 Stone Masonry abutment wall and wing walls including weep holes
- 306 Stone pitching hard core at foundation base at 40cm

- 309 Reinforced concrete for crossing beams and carriageway (dosage 350kg/m<sup>3</sup>) including drainage pipes
- 310 Metallic safety barriers on bridge(Guard rails) including signalisation painting
- 311 Wooden protection poles at all entrances of bridge
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- 313 Reinforced concrete beam sitting(dosage 350kg/m<sup>3</sup>)
- 314 Reinforced concrete transition slab(dosage 350kg/m<sup>3</sup>)
- 315 Backfilling of bridge abutments and wing walls with material from borrow pit
- 316 Cleaning of the water track (curage) (5m from both the inlet and outlet of the bridge)

SUB TOTAL LOT 400

Lot 400

#### ENVIRONMENTAL MITIGATION MEASURES

- 401 Planting of vetiver grass on all backfilled flanks of the bridge.
- 402 Metallic sign boards and labelling type AB
- 403 Set up, train, and render functional Operations & Maintenance committees
- 404 Metallic funders information plate 20x40cm

**1 – GENERALITIES:** This present special technical specifications concerns **Lot 1:** Construction of a bridge over River Anyouh linking Fetongle and Njonghitin in Mbessa. **Lot 2:** Construction of a bridge over River Fekumkwak linking Tinikum and Njonghitin in Mbessa. **Lot 3:** Construction of a bridge over River Bulum linking Bulom and Belo. It is the duty of the contractor to realize the structure as per the execution plans that shall be approved by the competent authority and sample models of equipments and furniture provided by the project owner. Through the Project Engineer, the contractor shall furnish the owner of the project and other project team members within the shortest possible time with an execution plan showing clearly how he intends to run the work site. A fence in local materials shall enclose the whole work site to avoid trespassing.

**SIGN-POSTS:** The contractor shall put in place at his expense sign-posts indicating work in conformity with the plans put at his disposal by the authority that signed the contract.

**Hygiene and safety:** The contractor shall ensure total hygiene and security of the site by constructing a temporal pit latrine and putting up a temporal fence around the project site if that be the case.

The contractor shall be responsible for the protection of the structures before final reception. He shall be equally responsible for all tools and materials present at the work site. He shall seek an insurance policy to cover theft and fire incidence.

The contractor shall take all preventive measures against accidents. The owner of the project reserves the right to intervene in case of any emergency without necessary interfering with the responsibilities of the contractor.

The contractor shall verify all dimensions on the plans. For execution no dimension shall be measured with a scale rule from the plans. The contractor shall check in-situ the possibility of translating the dimensions on plans to the structure before work begins. He shall refer to the Project Engineer in case of any doubt. He shall not on his own modify anything on the structure and shall inform the Project Engineer of any changes that he considers necessary.

All modifications accepted by the contractor shall be accomplished in a specified duration and at his cost without modification of the contract amount. The owner of the project shall have the right to the final choice in case of any modification.

**2 - PREPARATORY WORKS – SETTING OUT:** These works concern the clearing of the site and evacuation of the rubbles to the public discharge, the clearing and leveling of the site where necessary. The setting out will be in respect to the technical plans.

The setting out profile boards will be at least 1, 20 m from the outside axes, this to facilitate trenching and other earthworks and good circulation. The commencement of excavation will be accepted by the Project Engineer without checking the conformity of the setting.



The minimal depth of the excavation trenches shall be of as will be specified by the geotechnical studies to be carried out by the contractor before the commencement of works to precise the soil bearing capacity.

Where there is black cotton soil or soil with low bearing capacity at the bottom of the trench, the contractor shall continue excavation up to a depth as will be approved by the Project Engineer. The excavations will be done manually or mechanically and no concrete or mortar shall be laid on the bottom of the trench without the acceptance of the trench bottom of excavation by the Project Engineer.

The descriptive notice completes or confirms the indications on the execution plans. In the case of contradictions between the plans and the descriptive notice, the project team shall be contacted for examination, elaboration and conclusion.

These technical specifications have as objective the definition of the consistence of works to be executed in accordance with the plans and according to technical norms for the construction of classroom buildings.

**ORIGIN, QUALITY AND PREPARATION OF MATERIALS:** The fine and coarse aggregates may either be from the river or quarry crushed and must be approved by the Project Engineer before any use on the site. The sand (0/5) shall have very fine elements settlement of less than 4%. The gravels (5/15 and 15/25) shall be clean and well graded with very fine elements settlement of less than 2%. The cement shall be CPA 325 class from CEMENCAM or from an approved factory.

The reinforcement steel for reinforced concrete shall be of type HA FeE400 for the main reinforcement steel rods and round-smooth RL E235 for the stirrup rings. Any fill material for the foundation and the surroundings structures shall have no particle dimension above 50mm and with plasticity index of less than 35. Fill materials shall also be free from organic elements and shall have a good granularity grading. No black vegetable soil shall be accepted for backfilling.

Stones for masonry works shall be of basalt, gneiss or granite type, be esthetical and should be gotten from the quarry or deposits approved by the Project Engineer with dimension sizes of not less than 20cm.

#### 1) CONCRETE:

-**Ordinary concrete:** specifically lean concrete shall be 5cm thick and laid all round the excavated foundation trenches before the stone/block work is carried out and dosed at 150kg/m<sup>3</sup>.

- **Concrete for the Raft:** shall be 15cm thick laid on the entire floor of the bridge between the 02 abutments and dosed at 350kg/m<sup>3</sup> over the entire surface.

NB: The inlet to the bridge shall be excavated at a depth of 60cm below the natural soil and concreted along the width of the bridge between the wings at 01m to the 02 abutments so as to resist the scouring by water upfront. The raft will receive a longitudinal slope of 2%, slopping towards the outlet of the bridge (flow of water).

-**Reinforced concrete:** shall be specifically for the footings, beams seatings and the slab of the bridge, kerbs and pillars of the mixt guard rails and their mixture shall be in a proportion of 350kg/m<sup>3</sup>.

NB: All concrete works should be properly cured (i.e. water three times a day for seven days)

#### NOTE: Reinforcement Schedule.

Nº	STRUCTURE	SIZES	Trans versal RODS	Longit udina RODS	STIRRUP	CONCRET E DOSAGE	TYPE
		Nos	φ	Torsφ	Spacings		
1	Footing		10mm	8mm	20cm	350kg/m <sup>3</sup>	Fe-E-400
3	Beam seating		12mm	10mm	20cm	400kg/m <sup>3</sup>	Fe-E-400
4	Bridge slab	4	12mm	10mm	15cm	400kg/m <sup>3</sup>	Fe-E-400
5	Bridge raft	4	8mm	8mm	20cm	350kg/m <sup>3</sup>	Fe-E-400
	Kerb		8mm	8mm	20cm	350kg/m <sup>3</sup>	Fe-E-400
	Pillars guard rails		8mm	8mm	20cm	350kg/m <sup>3</sup>	Fe-E-400



NB: All rods should preferably be imported

#### **Aggregate**

- **Sand:** Will be free from oxide, organic material of animals or plant origin. Sieving shall vary from vary from 0.16 – 5mm. It shall be a mix of river and crushed sand mixed to the proportion as designed.

- **Gravel:** shall consist of natural and homogeneous materials or crushed stones. Tiny layer of grave (dust) shall be removed by sieving, blowing or washing. It shall a mix of 5/15 and 15/25

#### **Water:**

- To be used for the mixture mortar, concrete and washing of aggregates. Shall be clean and free from impurities ; meaning potable water.

#### **Cement:**

To be used mostly for cement mortar, all concrete mixtures shall satisfy the general conditions laid down by regulation in force. It will be type CPA325 Portland cement and shall not show any trace of uneven mixture. Storage on the building site shall be done on a dry and ventilated floor. Any stock presenting an unsatisfactory pulverulent condition will be discarded and cleared away within four (04) days.

#### **Rods:**

shall be mild steel reinforcement, Tor or Steel in accordance with the R/C &3 rules. The steel shall be perfectly clean without any trace of rust, non-adhesive to paint or grease.

#### **Shuttering:**

hard wood, to bear without any noticeable distortion, the load and pressure of concrete, the effect of vibration and weight of workers involved in setting it up.

#### **MASONRY:**

**Stones-**shall be as specified above

#### **Wood – Material:**

The wood must be pure and should not have nodes, foreign bodies or fractures due to sawing. This shall be locally sawn eucalyptus.

### **MODE OF EXECUTION OF THE VARIOUS TASKS**

#### **1) TR001.1 - Site installation**

##### **Description of works**

These works consist of the mobilization of materials and personnel, the realization of geotechnical and technical studies for the project as well as the performance program and final report, the construction of a hut for site meeting, Etc...

#### **2) TR001.2- Project information sign post**

##### **Description of works**

This consist of fabricating information boards in wood, the supply to the sites at the extremes of the various roads and eventually at the post of works (bridge) so as to furnish the populations with all information concerning the project.

The boards will carry the following information:

North-West Region *****	Republic of Cameroon Peace-Work-Fatherland *****
Project name	FOR THE FOR THE CONSTRUCTION OF THREE (03) BRIDGES (LOT 1, LOT 2, LOT 3) IN BELO MUNICIPALITY, BOYO DIVISION OF THE NORTH-WEST REGION. LOT.....
Owner of the project	Mayor BELO COUNCIL
Funding body	FEICOM



Contracts manager	CDO BELO Council
Project Engineer	Div. Del. P. Works-BOYO
Project manager	SG BELO COUNCIL
Duration of the contract	Four (04) months
Contractor	

### 3) TM002 - Mobilization and folding up of equipment

#### Description of works

This task consists of the mobilization of equipment to the site through a loader and at the end of the works the folding up of the equipment by same means and the realization of all the works necessary to re-establish the lieu to their initial state.

### 4) 101 - BUSH CLEARING

#### Description of works

These works consist of removing vegetation and cleaning the edges of the road as well as on its immediate surroundings, felling trees and/ or trimming tree branches obstructing visibility, etc.

#### Mode of execution of works

This consists of clearing all vegetation at a width of two meters form the outer edge of the gutter and scraping and discarding vegetative soil from the road surface. These are labour intensive works carried out by groups of workers recruited from the community and equipped with the necessary tools to carry out the job.

### 5) 103 - Setting out of the structure

#### Description of works

This consists of carrying out activities geared at positioning the bridge at the coordinates such that the its axis will aligned with that of the access road from the both sides. Also the characteristics of the structure as designed should be respected.

#### Mode of execution of works

This consists of using pegs and lines and with the help of a levels position the bridge such it should be at right angle relative to the road with the wing walls at 45 degrees relative to the road or front walls of the bridge. Equally, the position of the areas to be excavated for the abutment including the working space should be materialized. As such the length and span of the bridge as well as the wing walls, the front wall and the abutment as a whole will be positioned. After the excavation these parameters will be verified firs before the bridge works proper starts

So done, the following data will be verified before the excavation

#### a. For lot 1

S/N	Item to verify	Expected result	Person responsible	Person to approve
1	Setting out	Respect of specifications	Works Manager enterprise	Project Manager – DDMINTP-BOYO
2	Alignment of axis	aligned		
3	Distance in to in between the 2 footings	5.6m		
4	Distance in to in between the 2 front walls of the abutments	06 m		
5	Footings (front wall and wing walls)			
5.1	Width	2.00m		
5.2	Thickness	50cm		
6	Length of the wing walls			
6.1	Upstream	5,0m		
6.2	Downstream	5.0m		
7	Stone masonry (front wall and wing walls)			
S/N	Item to verify	Expected result	Person responsible	Person to approve
7.1	Big base of stone masonry			

	part of the abutment and wings (down i.e. in contact with footing)	1.8m	Works Manager enterprise	Project Manager – DDMINTP-BOYO
7.2	Small base of stone masonry part of the abutment and wings (top i.e. beam seating support)	1.1m		
7.3	Height of the stone masonry abutment + wings (same height) <b>No difference in the heights of the front wall and wing walls will be tolerated</b>	3.50 m		
8	Deck of the bridge			
8.1	Beam seating in L form (RC) – horizontal part			
8.1.1	Thickness of the base of the beam seating	25cm		
8.1.2	Thickness shock absorbers on base beam seating	05cm		
8.1.3	Height of the vertical part of the beam seating	$5+50+25=80\text{cm}$		
8.1.4	Thickness slab	25cm		
8.2	Beams			
8.2.1	Height beam	50cm		
8.2.2	Height rib beam			
9	Fittings			
9.1	Kerb base=20cm, height=10cm	20x10cm		
9.2	Guard rails			
9.2.1	RC pillars spaced at 1m	10cmx10cm		
9.2.2	Iron tubes	Diam. 60mm		
10	Expected height of the bridge from the footing	$3.00+0.5+0.05+0.50+0.25=4.30\text{m}$		
11	Expected span of the bridge	7m		
12	Expected length of the bridge (span+thickness vertical parts of the beam seatings)	$6+1.0=7.00\text{m}$		
13	Expected carriage way of the bridge (width slab-widths of kerbs)	5.4m		
14	Width of slab of the bridge	6.0m		

b. For lot 2

S/N	Item to verify	Expected result	Person responsible	Person to approve
1	Setting out	Respect of specifications aligned		
2	Alignment of axis			
3	Distance in to in between the 2 footings	5.6m		
4	Distance in to in between the 2 front walls of the abutments	06 m		
5	Footings (front wall and wing walls)			
5.1	Width	2.00m		
5.2	Thickness	50cm		



6	Length of the wing walls		Works Manager enterprise	Project Manager – DDMINTP-BOYO
6.1	Upstream	5.0m		
6.2	Downstream	5.0m		
7	Stone masonry (front wall and wing walls)		Works Manager enterprise	Project Manager – DDMINTP-BOYO
S/N	Item to verify	Expected result		
7.1	Big base of stone masonry part of the abutment and wings (down i.e. in contact with footing)	1.8m		
7.2	Small base of stone masonry part of the abutment and wings (top i.e. beam seating support)	1.1m	Works Manager enterprise	Project Manager – DDMINTP-BOYO
7.3	Height of the stone masonry abutment + wings (same height) No difference in the heights of the front wall and wing walls will be tolerated	3.50 m		
8	Deck of the bridge			
8.1	Beam seating in L form (RC) – horizontal part			
8.1.1	Thickness of the base of the beam seating	25cm		
8.1.2	Thickness shock absorbers on base beam seating	05cm		
8.1.3	Height of the vertical part of the beam seating	5+50+25=80cm		
8.1.4	Thickness slab	25cm		
8.2	Beams			
8.2.1	Height beam	50cm		
8.2.2	Height rib beam			
9	Fittings			
9.1	Kerb base=20cm, height=10cm	20x10cm		
9.2	Guard rails			
9.2.1	RC pillars spaced at 1m	10cmx10cm		
9.2.2	Iron tubes	Diam. 60mm		
10	Expected height of the bridge from the footing	3.00+0.5+0.05+0.50+0.25=4.30m		
11	Expected span of the bridge	7m		
12	Expected length of the bridge (span+thickness vertical parts of the beam seatings)	6+1.0=7.00m		
13	Expected carriage way of the bridge (width slab-widths of kerbs)	5.4m		
14	Width of slab of the bridge	6.0m		

c. For lot 3

S/N	Item to verify	Expected result	Person responsible	Person to approve
1	Setting out	Respect of specifications		
2	Alignment of axis	aligned		

3	Distance in to in between the 2 footings	4.6m	Works Manager enterprise	Project Manager – DDMINTP-BOYO
4	Distance in to in between the 2 front walls of the abutments	05 m		
5	Footings (front wall and wing walls)			
5.1	Width	2.00m		
5.2	Thickness	50cm		
6	Length of the wing walls			
6.1	Upstream	5.0m		
6.2	Downstream	5.0m		
7	Stone masonry (front wall and wing walls)		Works Manager enterprise	Project Manager – DDMINTP-BOYO
S/N	Item to verify	Expected result		
7.1	Big base of stone masonry part of the abutment and wings (down i.e. in contact with footing)	1.8m		
7.2	Small base of stone masonry part of the abutment and wings (top i.e. beam seating support)	1.1m		
7.3	Height of the stone masonry abutment + wings (same height) No difference in the heights of the front wall and wing walls will be tolerated	3.50 m		
8	Deck of the bridge			
8.1	Beam seating in L form (RC) – horizontal part			
8.1.1	Thickness of the base of the beam seating	25cm		
8.1.2	Thickness shock absorbers on base beam seating	05cm		
8.1.3	Height of the vertical part of the beam seating	5+50+25=80cm		
8.1.4	Thickness slab	25cm		
8.2	Beams			
8.2.1	Height beam	50cm		
8.2.2	Height rib beam			
9	Fittings			
9.1	Kerb base=20cm, height=10cm	20x10cm		
9.2	Guard rails			
9.2.1	RC pillars spaced at 1m	10cmx10cm		
9.2.2	Iron tubes	Diam. 60mm		
10	Expected height of the bridge from the footing	3.00+0.5+0.05+0.50+0.25=4.30m		
11	Expected span of the bridge	6m		
12	Expected length of the bridge (span+thickness vertical parts of the beam seatings)	5+1.0=6.00m		
13	Expected carriage way of the bridge (width slab-widths of			



	kerbs)	5.4m		
14	Width of slab of the bridge	6.0m		

NB: These works, and this, at every stage must be received by the Contract Engineer before the next phase can continue

#### 6) 203.1 - Excavation in ordinary terrain for the abutments and for the deviation of the existing river bed

##### Description of works

This consists of digging to free the space set for the construction of the bridge. The various parameters set out will be respected in the excavation. Also the depth of the foundation as per the results of geotechnical studies should be respected i.e. 1.6m from the bed of the river

##### Mode of execution of works

This consists of excavating in ordinary terrain for the abutments and for the deviation of the existing river bed and also for the creation of a bed off stream to deviate the existing stream to join the main bed Length=50m, width=1m depth=1m.

NB: The excavation must be received by the Project Manager before the next phase can continue

#### 7) 205 - 207 Backfilling of the bridge and filling and resurfacing of the accesses to the bridge

##### Description of works

This involves realization of the technical bloc and the linking to the existing carriage way (road) These works shall be executed mechanically and manually with material extracted from a borrow pit approved by the project manager. The soil used for the fill shall present the following characteristics:

- CBR at 95% of OPM after four days of immersion  $\geq 40$
- Maximum dry density at 95% OPM (T/M<sup>3</sup>)  $\geq 1,8$
- Plasticity index(IP)  $\leq 25$
- Percentage of fine grains<0.08mm F  $5 \leq F \leq 30$
- Module of plasticity F.IP  $< 500$
- Linear inflation %  $< 1$
- Maximum diameter of grains mm 40
- % passing through a sieve of 10mm  $< 10$  35 - 90
- % passing through a sieve of 5mm  $< 5$  20 - 60
- Residue at a sieve of 2mm  $> 2$  10 - 40

The selected material from the borrow pit shall be laid on a trench and plat form previously shaped and compacted at a dry density of at least 90% OPM. The material shall be laid in horizontal layers of 20cm thick and having a water content equal to that of OPM before compaction ( $\pm 2\%$ ).

The fill is compacted methodically up to 95% of the dry density of OPM. The rate of compaction shall be verified in -situ with a membrane densitometer at every 1000m<sup>2</sup>. A sample compaction test shall be carried out to determine of passes necessary to obtain the required compaction rate.

#### 8) 305 - Stone masonry

##### Description of works

This consists of realizing the parts of the bridge with well-shaped and assembled stones according to the esthetic and type of the structure (form, dimension of stones, joints, Etc...) while respecting the works of arts

The mortar will be dosed at three hundred and fifty (350) kg of cement per m3 of sand.

The visible faces of the stones masonry should be regular. The minimum height of the shaped stones should not be less than fifteen (15) cm.

The finishing of the external joints will be realized with done with mortar M450

#### Mode of execution of works

This consists of

#### Mode of execution of works

These works shall be done exclusively manually (shaping of stones, humidification, elevation, bonding, pointing)

- 9) 309a, 309b, 309c and 309d - Lean concrete dosed at 150Kg/m<sup>3</sup>, Mass concrete dosed at 350Kg/m<sup>3</sup>, Reinforced concrete dosed at 400Kg/m<sup>3</sup> and Reinforced concrete dosed at 350Kg/m<sup>2</sup> for the bridge's raft

#### Description of works

These works consist of the supply and putting in place of concrete 150Kg/m<sup>3</sup> for the lean concrete, at 350Kg/m<sup>3</sup> for the mass concrete and 400Kg/m<sup>3</sup> for the reinforced concrete.

The concretes A.400 for the reinforced concrete must have a minimum compression resistance of 270 bars at 28 days.

This task comprises notably the: supply including the transport to the site of materials ( cement, sand, gravel etc) and the tools necessary for the precast of the slabs;

- form works with planed planks;
- transport and the putting in place of the stones including all contingencies;
- execution of all contingencies related to traffic flow and to the respect of environmental prescriptions;
- and all other contingencies.

#### Coffrages - Form work

Cette opération consiste à coffrer les différentes surfaces quand cela est nécessaire avant bétonnage. Les parties d'ouvrage nécessitant un coffrage seront approuvées par le Maître d'œuvre. Les coffrages seront de construction robuste car ils sont appelés à supporter, selon le cas, la poussée du béton frais ou le poids de la construction jusqu'au décintrage de l'ouvrage.

Les différentes pièces seront assemblées de façon simple pour permettre de procéder au décoffrage sans épaufrer le béton. Cette simplicité n'autorisera toutefois aucune négligence dans la distribution des joints. Les panneaux déjà employés, seront voilés et les bords écaillent.

Il sera utilisé pour certaines catégories de coffrages des produits de démoulage gras ou plastique. Ces produits devront être agréés par le Maître d'œuvre.

La construction des coffrages sera aussi précisée qu'il est prescrit par le CCTP, selon la catégorie, afin de préserver, entre autres, l'enrobage homogène des armatures et les démentions finales des ouvrages.

Les fixations du coffrage intérieur au béton devront être uniquement celles qui figurent sur les dessins d'exécution visés par le maître d'œuvre.

Pour maintenir les armatures à distance fixe des coffrages, on pourra employer des cales en béton (ou en tout autre matériau agréé par le Maître d'œuvre, matière plastique par exemple) dans lesquelles on aura préalablement noyé des ligatures en fil de fer. En aucun cas, aucun élément métallique ne se trouvera à une distance inférieure à l'enrobage minimal prévu pour les armatures.

#### Anti-rust paint and Oil Paint

##### Paints

The protective paints to be applied on the metal profiles previously brushed white, are of the glycerophthalic type, and must be subject to the prior approval of the Delegated Project Manager. In all cases an anti-rust undercoat of a different color will be put in place beforehand.

- 10) 901c - Mix guard rails (concrete pillars and metallic pipes)



### **Garde-corps - Mix guard rails**

This operation includes the replacement or supply and installation of Mix guard rails on the structure. This work will be defined when the development plans are drawn up. The elements of the guardrails will be installed and adjusted in alignment and altitude. It will be verified that the vertical elements are straight. The sealing of the vertical elements will be made with concrete dosed at 400kg/m<sup>3</sup> and must comply with the standard plan. The sealing of the uprights will only take place after verification by the Project Manager of the perfect alignment of the guardrail. The surfacing of the sealing concrete will be careful so that water cannot remain where the uprights are embedded. Depending on their condition, and with the approval of the Project Manager, the guardrails may receive protective anti-corrosive paint.

### **Triangular sign posts type A ou AB**

The danger signs will be placed 150m from the point at the start of the zone to be signposted in open road and 50m in the built-up area.

Prescription signs, except for certain obligatory signs which must be installed as danger signs.

The direction signs will be placed 100m from the point at the start of the zone to be reported in the case of open road and 40m in the built-up area.

Vertical signage includes retro-flexing galvanized sheet metal signs, pre-signage, location or directional signs. The location of the different panels is designated by the Delegate Project Manager. The work consists of placing signage, pre-signalling, location or directional signs along the roadway in the shoulder, in the locations provided by the project manager. The panels and their installation will comply with the technical requirements.

### **Wooden post markers**

#### **Beacons - Wooden post markers**

Les balises de virage sont des balises J1 du type 2 de section circulaire (diamètre 150 mm) de hauteur 80 cm par rapport au niveau de l'accotement. Les balises sont en fibro-ciment, en tôle émaillée ou galvanisée, en matière plastique, en béton B 300, ou en bois.

Parmi les essences de bois camerounais possédant ces caractéristiques requises, l'on peut citer : le Doussie, le Moabi, le Tali, l'Azobé, l'Iroko et le Bibinga. (voir le § 11.13 ci dessus)

Elles sont implantées sur l'accotement extérieur du virage, l'axe à un mètre du bord extérieur de la couche de roulement. L'espacement entre deux balises consécutives est égal à 10 mètres, sauf dérogation accordée par le Maître d'Œuvre Délégué. Les balises portent un dispositif rétro réfléchissant constitué par une bande de 100 mm de hauteur placée à 150 mm de la tête de la balise.

The Beacons of the bends will be beacons J1 of type 2 with a circular cross-section (diameter 150 mm), 80 cm high in relation to the shoulder of the road. The Beacons are made of fibre cement, enamelled or galvanized sheet metal, plastic, B 300 concrete or in wood.

Cameroonian woods with these required characteristics include Doussie, Moabi, Tali, Azobé, Iroko and Bibinga (see § 11.13 above). They are installed on the outside shoulder of the road or bend, with the centerline one meter from the outer edge of the bearing course. The spacing between two consecutive beacons is 10 meters, unless an exemption is granted by the contract engineer or project manager. The beacons are fitted with a retro-reflective device consisting of a 100 mm high strip placed 150 mm from the head of the beacon.

### **Weep holes**

This operation involves installing Weep holes in PVC  $\phi$  40 pipe to drain materials located behind abutments or retaining walls. In accordance with the technical specifications and drawings in the technical file, the work involves installing Weep holes in PVC  $\phi$  40 pipes.

### **Drainage pipes**



Cette opération consiste à mettre en place des gargouilles en tuyau PVC  $\phi$  100 pour l'évacuation des eaux du tablier. Les travaux consistant à placer, conformément aux prescriptions techniques et aux plans du dossier technique, des gargouilles en tuyau PVC  $\phi$  100

This operation consists of installing Drainage pipes in PVC pipe  $\phi$  100 to drain water from the deck. In accordance with the technical specifications and drawings in the technical file, the work consists of installing Drainage pipes PVC  $\phi$  100 pipe.

#### **Deviation- pedestrians crossing of the bridge**

This task is envisaged in the event that it is necessary to build and maintain temporary structures and a possible deviation road to maintain traffic to flow during construction or maintenance works.

### **SECTION 10: STONE MASONRY /PAVEMENT**

#### **10.1 Scope**

These specifications cover the construction of stone masonry /cobblestone pavements. The stone surface option is used for rural road construction where there is ready availability of rock material and is suitable for medium to high traffic densities or where sections of the road have steep longitudinal gradients. Stone surfacing may also provide appropriate surface treatments for road sections through rural villages and communities as well as market places. The stone surface can be produced using the natural shape of the stone and placing it by hand in its tightest possible positions by minimizing the size of the joints. The joint will then be filled by smaller stone and fine material. The stone surface can also be produced by cutting stone into cubic or rectangular shapes in order to ensure that they are placed a tight pattern. Cutting (or dressing) stones in this way means the final surface will be smoother than the stone using only its natural shape.

In both options the stones are laid on a prepared road sub base with a blinding layer of sand cushion about 5 cm between the stones and the road sub-base layers. The sand cushion accommodates irregularities in the stones allowing the stones to be assembled with a smooth and level riding surface. The sand cushion layer also acts as a drainage layer for any water entering between the stones and therefore requires regular outlets. The stone surface is then covered by a layer of fine gravel filling gaps between the stones and providing a smoother riding surface for traffic. The stone surface option can also be used as road base course layer for bituminous surfacing.

##### **10.1.1 Materials**

Material for constructing the stone surface consists of coarse sand, stone and gravel. The minimum required characteristic of the material are described below: Stones The stone to be used for the pavement must be clean, hard, durable, solid and free from soft material or loose pieces. Cracked and hollow stones must not be used. Stones should be cubic or rectangular in shape. The stone should not be able to be cracked under the impact of compaction equipment. Round shape stone or river stones are not recommended for this purpose. The size of the stones may vary depending on the functions of the stones or as otherwise specified in the drawings. Recommended size and shape of the stones to use for the stone surface are:

Stone for surface should be 15 cm x 25 cm, with the smallest acceptable size 10 cm x 15 cm. Stones should be cubic or rectangular shaped. Stone from a quarry should be dressed or shaped to the required shape when delivered to site. Stones for edge kerbs should ideally be 20 cm x 30 cm with the smallest acceptable size 15 cm x 25 cm. The kerbstones should be cubic or rectangular shaped. Kerbstones from a quarry should be dressed to shape when delivered. The kerb stone is crucial for holding the other stones in place.

Sand Sand for the stone surface is used to accommodate any irregularities in the shape of the stones allowing the stones to be assembled with a smooth and level riding surface. The sand is also used as a drainage medium for any water entering between the stones. The sand should be coarse sand either from river or mountain sand and must be clean, free of leaves, grass, compost, clay lumps, or dust etc. Drainage outlets from the stone bedding must be provided at regular 5 to 10 m intervals. Gravel Gravel is used to fill gaps between stones to restrain the stones' movement when under traffic load. The



gravel also acts to provide a smooth running surface in the final layer. The gravel is laid over the stone surface and will fill the gaps. The gravel for this purpose can be mountain gravel or river gravel and should be well graded. The maximum size of the gravel however should not be greater than 50 mm and must be clean, free of leaves, grass, compost, clay lumps etc.

## **10.2 Construction methods**

### **10.2.1 Work Method Step 1.**

Setting Out Set out the road cross section by setting center line peg and pegs at edge of the carriageway. The cross section should be set for every 5 m interval. Mark the finished level of the stone surface at the center line and transfer with the design cross-fall to edge pegs. The cross-fall from the center line to the edge pegs should be 4-5%.

Excavate foundation for Kerbstones. The foundation should be excavated along all surface edges. The width of the foundation should be 25-30 cm and depth should be 15-20 cm. Bed level of the foundation of both edges should be checked using a line level to ensure they are at the same level. Position Kerbstones in the excavated foundation in vertical position by keeping top level of the stone as set in the peg. The kerbstones should then be placed as tightly as possible. Back fill the kerbstones with gravel and provide compaction by hand rammer. Repeat the same process of placing kerbstones along the other edge of the yard.

### **10.2.2 Work Method Step 2;**

Blinding Course Prepare the road sub-base by shaping the sub-base to level and ensuring 4-5% camber. Compact the prepared sub-base then place and spread the blinding course layer of coarse sand of 5 cm thickness.

### **10.2.3 Work Method Step 3;**

Placing of Stones Ensure the string line is tightened at the marked levels and connected from edge pegs to centre line pegs. Place the stones on the spread sand as close together as possible. Where some stones are slightly wedge-shape it is necessary to place the wider end down onto the sand layer. The stones should be placed starting from the outside edge and then working towards the centre line of the road. Ensure the top level of the stones is at the level set by the string line. Where-ever the top level of the stone is higher than the set string line; such stones should be hammered down into the sand to level. After the large stones are placed it is important to use small stones to tighten the larger stones by inserting the small stones into gaps between the large stones. The laying of the stone surface requires skilled labour to achieve good workmanship.

### **10.2.4 Work Method Step 4;**

Surface Gravelling and Compaction to avoid movement of the stone, a thin layer of sand is spread over the stone surface and washed into the voids by water.

In order to make the stone surface water-tight and to provide a smoother surface for vehicles, the stone paving should then be covered by a thin layer (5 cm) of selected gravel. The selected gravel should contain mixture sand and coarse aggregate of grading not larger than 50 mm with a small portion of clay. The selected gravel is spread on the stone surface. Some portions of the gravel will then be filled the stones gaps to further strengthen the stability of the stones and other gravel will remain on the surface. After spreading the selected gravel, final compaction will be carried out, by 2-3 passes using a 3-5 tonnes roller. Vibration during the compaction should not be used. The compaction will level the height of the stones providing smoother surface on the carriage way. The compaction should be carried out from road edge towards the centre-line of the road.

### **10.2.5 Work Method Step 5;**

Constructing Road Shoulders Road shoulders shall be filled by using mountain gravel or laterite. Before filling, the existing shoulder should be watered. The shoulders are filled and shaped to the same level as the kerbstones. The filled material is spread to form a slope of 7-8% away from the road. Compaction is then carried out by vibrating pedestrian roller or plate compactor/vibrating tamper.



#### 10.2.6 Work Method Step 6;

Constructing Filter Drains Filter drains are constructed to drain water from the stone surface beds. The filter drains are provided at interval 5 - 10 m for both side of road shoulder. The filter drains should be constructed at the time of filling road shoulders by excavating the drain across the road shoulders in rectangular shapes of 20-30 cm wide with the invert (bottom level) of the drain the same as bottom level of the kerbstone and sloping slightly away from the road. The excavated rectangular box is then filled with broken stone and surfacing should be the same material as that of the road shoulders. Compaction can then be commenced at the time of compacting for road shoulders.

**10.2.7 Work Method Step 7; Slope Protection** The road shoulders and slopes should be protected from erosion by planting grass and turfing. The roots of the grass can help to retain the soil and stabilise the slopes and shoulders by preventing the surface soil from being washed away. Where necessary bio-engineering work methods shall be engaged as required

#### 10.3 Quality Control for Construction of Stone Surface

The construction of a cobblestone pavement includes the selection and testing of materials, preparation and placement of stone. Quality control and tests for these works include checking the suitability of the materials. Some of these tests can be carried out in the field but certain tests should be carried out in a laboratory as required by the contract.

Description/ Work Activity	Test/Check Method	When	Tools
<b>Material Stone Surface</b>			
Gravel and sand	Check the quality of the gravel and sands meets the specified requirements.	Written Certification before delivery on site	NA
Stone for surface kerbstone	<ul style="list-style-type: none"><li>✓ Check the Hardness, shape, strength, durability of the stone and kerbstones against the specified requirements.</li><li>✓ The quality control of stone used should be the same as for stone masonry work</li><li>✓ Randomly carry out visual checks on the size and shape of stone be used.</li></ul>	Written Certification before delivery on site Measuring tape and Steel hand-pick	Measuring tape and Steel hand-pick
<b>Construction of Stone Surface</b>			
Placing kerbstone	<ul style="list-style-type: none"><li>✓ Check pegs and string line are used at edges of the carriage way at 5 m intervals</li><li>✓ Check width and depth of the foundation for placing kerbstone according to the drawings</li><li>✓ Check the kerbstones are placed vertically and as close to each other as is possible.</li></ul>	During the carrying out of the kerbstone activity	Measuring tape
Placing stone surface	<ul style="list-style-type: none"><li>✓ Visually check sub base layer is compacted, cleaned and levelled</li><li>✓ Check thickness of sand bedding and uniformity of spread</li></ul>	After placing of kerbstones	Measuring tape and line level



	<ul style="list-style-type: none"> <li>✓ Check the stones are shaped (slightly dressed) for cubic or rectangular shape. size should be between 12 cm - 20 cm:</li> <li>✓ Check stones are placed as close to each other as possible.</li> <li>✓ Check gaps are filled by smaller stones</li> <li>✓ Check top levels are on an even plane</li> <li>✓ Check all the gaps between the stones are fully filled with gravel or sand.</li> </ul>		
Spread gravel	<ul style="list-style-type: none"> <li>✓ Check thickness of gravel laid on the surface</li> <li>✓ Randomly count the number of passes carried out for compaction.</li> </ul>	After placing stone surface	Measuring tape
Construction shoulders and filter drain	<ul style="list-style-type: none"> <li>✓ Check material for filter drain is in accordance with the Specification</li> <li>✓ Check the dimension and locations of the filter drains</li> <li>✓ Check quality of material used for shoulder is as per Specification</li> <li>✓ Check level of the shoulder is the same as the top level of kerbstones and slopes toward the side drain</li> <li>✓ Check the degree of compaction of the shoulder by randomly counting the number of passes during compaction.</li> </ul>	During construction of shoulders	Measuring tape, DCP
Final check for finishing work	<ul style="list-style-type: none"> <li>✓ Visual check on overall appearance :</li> <li>✓ Check all remaining material has been cleared from site</li> <li>✓ Check that all holes or side borrow are filled and levelled</li> <li>✓ Check slope protection works are completed and the surface slopes are stabilized.</li> </ul>	After completion of the work	File report

#### 10.4 Occupational Safety and Health (OSH) in the Construction of Rigid Pavement Roads and surfaces.

This section addresses the essential provision of general safety and health measures for all workers on construction and quarrying sites for the construction of rigid pavement of stone and concrete.

##### 10.4.1 Safety Measures Carry out a safety briefing for all workers before works begin.

Make sure work is organized so that each worker has enough space to carry out his or her task without endangering other workers. Make sure that all workers are aware of the need for protective clothing including footwear, eye-protection and gloves for certain construction and quarrying activities. Place warning signs or cones at each end of the work area. The warning signs should be placed 50-100 m away from the working areas. The worksite shall either be clear and safe or have warning lights on at night and protection around the site works. All equipment operators must be trained in the use of their equipment (trucks, rollers, concrete mixers, quarrying and construction hand-tools). Equipment must be maintained in good condition and workers must be aware of that safety covers should be used over moving parts on machinery. Other than authorised workers, No persons, especially children, are allowed to enter in the work area. The contractor shall not allow the use of alcohol or drugs on the work site or in the site camp.

The Contractor shall maintain a diary recording the details of any worker accidents on site and shall report these to the supervising engineer on the day of any accident.

#### **10.4.2 Drinking Water**

Clean drinking water must be available within 50 metres of all work sites and at least 2 litres should be available per worker per day. Consideration should also be given to flexible working hours to avoid working in the hottest time of the day.

#### **10.4.3 Safety Gear and Equipment**

All workers and operators must be instructed on all potential dangers or hazards of all work activities and be aware of what precautions must be taken to avoid any accidents on site. All workers and operators shall be provided with appropriate safety gear in sufficient numbers. All workers must be instructed how and when to use safety gear and all safety gear shall be replaced when unusable or lost. The Contractor shall provide the following safety gear: Safety jackets in bright "fluro" colours for all supervisors and workers working on a road that has frequent traffic Closed shoes and gloves for all workers for general road works. Note that cotton gloves need to be replaced regularly and are generally inadequate for quarrying and rock placement work. Gum boots and good quality gloves when mixing and carrying concrete. Dust masks and eye protection when working with rock and dusty aggregate fines. Note that dust masks must be replaced regularly and dusty sites should be regularly watered A working chemical fire-extinguisher shall be mounted on the site office exterior wall for easy access in an emergency

### **SECTION 11: ENVIRONMENTAL PROTECTION AND WASTE DISPOSAL**

#### **11.1 Scope**

This section covers the Environmental Protection and Waste Disposal to be exercised by the Contractor in all work on the Contract. The obligations herein do not prejudice any other clauses in this Specification.

#### **11.2 General**

The Contractor shall comply with the Statutory Regulations in force in Cameroon regarding environmental protection and waste disposal and shall liaise with the responsible national and local authorities. The Contractor shall for those of his activities which have, or are likely to have, an impact on the environment, keep records relating to: - The amount of waste and by-products generated by the activity - The economic value of the activity - The observable effects of the environment - How far, in the opinion of the Contractor, the provisions of the Statute has been complied with. The Contractor shall afford the officials of the relevant authorities free access to inspect the project site, plant, workshops and the like to check whether the provisions in the Statute are being complied with.

#### **11.3 Landscape preservation**

##### **11.3.1 General**

The Contractor shall exercise care to preserve the natural landscape and shall conduct his construction operations so as to prevent any unnecessary destruction, scarring, or defacing of the natural surroundings in the vicinity of the work. Except where clearing is required for permanent works, approved construction roads, or excavation operations, all trees, native shrubbery, and



vegetation shall be preserved and shall be protected from damage by the Contractor's construction operations and equipment. The edges of clearings and cuts through trees, shrubbery, and vegetation shall be irregularly shaped to soften the undesirable visual impact of straight lines. Movement of labour and equipment within the right-of-way and over routes provided for access to the work shall be performed in a manner to prevent damage to grazing land, crops, or property. All unnecessary destruction, scarring, damage, or defacing of the landscape resulting from the Contractor's operations shall be repaired, replanted, reseeded or otherwise corrected as directed by the Engineer, and at the Contractor's expense.

#### **11.3.2 Construction facilities**

The Contractor's workshops, office, and yard area shall be located and arranged in a manner to preserve trees and vegetation to the maximum practicable extent. On abandonment, all temporary buildings, including concrete footings and slabs, and all construction materials and debris shall be removed from the site. The area shall be regraded, as required, so that all surfaces drain naturally, blend with the natural terrain, and are left in a condition that will facilitate natural revegetation, provide for proper drainage, and prevent erosion.

#### **11.3.3 Quarries, borrow pits and storage areas etc.**

Problems with erosion in the borrow pit must be avoided, if necessary by the construction of temporary banks, but preferably by the choice of pits. When they are no longer required, all quarry sites, borrow pits and areas used for the disposal or storage of surplus materials and asphalt plants shall be reinstated by landscaping including the replacement and spreading of topsoil as directed by and to the satisfaction of the Engineer.

Erosion mitigating measures shall be given priority to ensure proper drainage, being of the great importance around human habitation, where permanent water holes might be a health risk. It must be noted that the Taking-Over Certificate will not be issued, before a proper reshaping and replanting of borrow pits has been carried out to the satisfaction of the Engineer.

### **11.4 Temporary soil erosion control**

These Works shall consist of temporary control measures as shown on the Drawings or required by the Engineer during the process of the Works, to control soil erosion and water pollution, by use of berms, dykes, silt fences, brush barriers, dams, sediment basins, filter mats, netting, gravel, mulches, grasses, slope drains, and other erosion control devices or methods. Appropriate control measures will be required to avoid emission of high concentration of sediments into wetlands, swampy areas and other particular sensitive areas. The temporary erosion control provisions shall be coordinated with permanent erosion control features to assure economical, effective and continuous erosion control throughout the period of the Works.

#### **11.4.1 Construction**

A schedule of proposed temporary (and permanent) soil erosion control Works shall be developed by the Contractor at the commencement of the Contract, in consultation with the Engineer and to his satisfaction. The Contractor shall carry out (and maintain) temporary erosion control to prevent soil erosion that will adversely affect construction operations, damage adjacent properties, or cause contamination of adjacent streams or other watercourses, lakes, ponds, swamps or other areas of water impoundment. The Contractor shall incorporate all permanent erosion control features as shown on the Drawings into the Works at the earliest practicable time as outlined in his schedule, to minimise the need for temporary erosion control measures.

### **11.5 Abatement of air pollution**

The Contractor shall comply with applicable Cameroonian laws and regulations concerning the prevention and control of air pollution. Notwithstanding the above in conduct of construction activities and operation of equipment, the Contractor shall utilise such practicable methods and devices as are



reasonably available to control, prevent, and otherwise minimise atmospheric emissions or discharges of air contaminants.

#### **11.6 Noise abatement**

The Contractor shall comply with applicable Tanzanian laws, orders, and regulations concerning the prevention, control, and abatement of excessive noise. Workers shall be sufficiently supplied with ear protection as required in the opinion of the Engineer and instructed in using them. Blasting, the use of jackhammers, pile driving, rock crushing, or other operations producing high-intensity impact noise may be performed at night only upon approval of the Engineer.

#### **11.7 Light abatement**

The Contractor shall exercise special care to direct all stationary floodlights to shine downward at an angle less than horizontal. These floodlights shall also be shielded so as not to be a nuisance to surrounding areas. No lighting shall include a residence in its direct beam. The Contractor shall be responsible for correcting lighting problems when they occur as directed by the Engineer.

#### **11.8 Preservation of historical and archeological data**

The Contractor agrees that should he or any of his employees in the performance of this contract discover evidence of possible scientific, historical, prehistorical, or archaeological data he will notify the Engineer immediately giving the location and nature of the findings. Written confirmation shall be forwarded within 2 days. The Contractor shall exercise care so as not to damage artifacts or fossils uncovered during excavation operations and shall provide such cooperation and assistance as may be necessary to preserve the findings for removal or other disposition by the Employer. Where appropriate by reason of a discovery, the Engineer may order delays in the time of performance, or changes in the work, or both. If such delays, or changes, or both, are ordered, the time of performance and contract price shall be adjusted in accordance with the applicable clauses in the Conditions of this Contract. The Contractor agrees to insert this Clause in all subcontracts which involve the performance of work on the terrain of the site.

#### **11.9 Cleanup and disposal of waste materials**

##### **11.9.1 Cleanup**

The Contractor shall, at all times, keep the construction area, including storage areas used, free from accumulations of waste materials or rubbish. All waste water and sewage from office, residential and mobile camps shall be piped to soak pits or other disposal areas constructed in accordance with local government regulations, and where and when such regulations require it the Contractor shall obtain a permit or other appropriate documentation approving the disposal methods being used. All used fuels, oils, other plant or vehicle fluids, and old tyres and tubes shall be collected to a central disposal point, on a regular basis and disposed of as specified below. All household, office, workshop and other solid waste shall be collected to a central disposal area, on a daily basis and disposed of in a manner approved by the Engineer. Servicing of plant, equipment and vehicles shall whenever possible be carried out at a workshop area. Prior to completion of the work, the Contractor shall remove from the vicinity of the work all plant facilities, buildings, rubbish, unused materials, concrete forms, and other like material, belonging to him or used under his direction during construction. All work areas shall be graded and left in a neat manner conforming to the natural appearance of the landscape as provided elsewhere in the Specifications. Any residue deposited on the ground from washing out transit mix trucks or any similar concrete operations shall be buried or cleaned up in a manner acceptable to the Engineer. In the event of the Contractor's failure to perform the above work, the work may be performed by the Employer, at the expense of the Contractor, and his surety or sureties shall be liable therefor.

##### **11.9.2 Disposal of waste material**

###### **11.9.2.1 General**

Waste materials including, but not restricted to, refuse, garbage, sanitary wastes, industrial wastes, and oil and other petroleum products, shall be disposed of by the Contractor.



Disposal of combustible materials shall be by burying, where burial of such materials is approved by the Engineer; by burning, where burning of approved materials is permitted; or by removal from the construction area. Disposal of noncombustible materials shall be by burying, where burial of such materials is approved by the Engineer, or by removal from the construction area. Waste materials removed from the construction area shall be dumped at an approved dump.

#### 11.9.2.2 Disposal of material by burying

Only materials approved by the Engineer may be buried. Burial shall be in pits the location, size and depth of which shall be approved by the Engineer. The pits shall be covered by at least 0.6 metre of earth material prior to abandonment.

#### 11.9.2.3 Disposal of material by burning

All materials to be burned shall be piled in designated burning areas in such a manner as will cause the least fire hazards. Burning shall be thorough and complete and all charred pieces remaining after burning, except for scattered small pieces, shall be removed from the construction area and disposed of as otherwise provided in this SUBLAUSE. The Contractor shall, at all times, take special precautions to prevent fire from spreading beyond the piles being burned and shall be liable for any damage caused by his burning operations. The Contractor shall have available, at all times, suitable equipment and supplies for use in preventing and suppressing fires and shall be subject to all laws and regulations locally applicable for pre-suppression, suppression, and prevention of fires.

#### 11.9.2.4 Disposal of material by removal

Material to be disposed of by removal from the construction area shall be removed from the area prior to the completion of the work under these specifications. All materials removed shall become the property of the Contractor. Materials to be disposed of by dumping shall be hauled to an approved dump. It shall be the responsibility of the Contractor to make any necessary arrangements with private parties and with local officials pertinent to locations and regulations of such dumping. Any fees for charges required to be paid for dumping of materials shall be paid by the Contractor and shall be included in the prices bid in the Bill of Materials for other items of work.

### TECHICAL PERSONNEL OF THE PROJECT

#### V.1 Description of the profile of the personnel

Shown below is the quality of administrative staff needed for the proper execution of the works:

No	Post	Qualification	Years of Experience
1	Works Director	Engr. in Civil, or Rural Engineering	At least Five years' experience in similar works
2	Foreman	HND Civil, Hydraulic or Rural Engineering	At least five years' experience in similar works
3	Geotechnician	HND Civil, Hydraulic or Rural Engineering	At least five years' experience in similar works
5	Team Heads (earth works, culverts & bridges)	HND or OND Civil, Hydraulic or Rural Engineering	At least five years' experience in similar works
7	Masons, carpenters, iron benders	Certificates of works	At least five to ten years' experience in similar works
8	General Labor		

#### **V.2 Rate of involvement of local labor**

In order to ensure the spill over of the project in the community, it is expected that all the artisan staff and general labour shall be recruited locally during the realisation of the microproject.

#### **V.2 Rate of involvement of local labour**

In order to ensure the spill over of the project in the community, it is expected that all the artisan staff and general labour shall be recruited locally during the realisation of the micro project.

#### **EQUIPMENT AND TOOLS NEEDED TO REALIZE THE PROJECT**

The following state the type of equipment needs for the wworks

TRANSPORTATION	SITE HEAVY EQUIPMENT	SITE TOOLS	TOOLS FOR OPERATIVES
At least a 7ton tipper	Concrete mixer	Dig axes	Trowel
(01) 4x4wd vehicle	Concreteneedlevibrator	Spades	Measuring tape
20 T Truck	Wheel barrows	Shovels	Protective clothing and shoes
	compactor	Cutlass, bucket,	
		Measuringtoolsetc	

### **DOCUMENT No. 6**

## **SCHEDULE OF UNIT PRICES**

#### **General remarks**

#### **Schedule of prices and detailed estimates**

1. The Schedule of prices must be taken into account by the bidder jointly with the General Regulations of the invitation to tender, the General and Special Administrative Conditions and the Technical Specifications and the plans.
2. The quantities specified in the Bill of Quantities and Estimates are estimated quantities and provisional. They shall be a common base for the evaluation of offers and the award of the contract. The base of regulations shall be the real quantities of ordered and executed works such as measured by the contractor and verified by the Project Manager and evaluated at the rate and price specified in figures in the Schedule of prices presented by the contractor in his/her offer.
3. Except otherwise stated in the contract, the prices offered by the contractor in the Schedule of prices in figures included in his/her offer must include all the construction installations, labour, supervision, building materials, mounting, maintenance, insurance, overheads and profits, taxes, duties and dues as well as coverage for general risks, commitments and other obligations implicitly specified in contract.
4. A price must be indicated for each item in the bill of quantities and estimates in figures, whether the quantities are specified or not. The cost of items for which the contractor did not indicate a price shall be considered as being covered in the bill of quantities and estimates in figures.



5. The complete cost in accordance with the provisions of the contract should be included in the items specified in the Schedule of prices and the Bill of Quantities and Estimates in figures. Where an item is not specified, the corresponding cost shall be considered as having been distributed among the other prices mentioned.
6. The general indications and the description of works and building materials are not necessarily repeated or summarized in the Schedule of prices and the Bill of Quantities and Estimates included in the Tender File. The references, explicit or implicit, to the appropriate sections of the file must be considered before giving a figure to the prices for each item of the Schedule of prices and bill of quantities and estimates in figures submitted in the offer.
7. During the evaluation of offers, possible arithmetical errors noticed in the Schedule of prices and the Bill of Quantities and Estimates will be corrected according to the provisions of article 28 of the General Regulations of the invitation to tender.
8. The method used to establish executed services in view of the regulations must be in accordance with the norms and directives mentioned in the Special Technical Conditions of the invitation to tender.

# UNIT PRICE SHEET (UPS)

Lot 1: FOR THE CONSTRUCTION OF BRIDGE OVER RIVER ANYOUH LINKING FETONGLE AND NJONGHITIN IN MBESSA BELO SUB DIVISION, BOYO DIVISION OF THE NORTH-WEST REGION..

N°	DESCRIPTION	UNIT	UNIT PRICE in figures	UNIT PRICE in words
LOT 100	SITE INSTALLATION			
101	Site installation	LS		
102	Mobilisation and demobilisation of equipment	LS		
103	Studies	LS		
104	Execution program and Asbuilt plan of works	LS		
	SUB TOTAL LOT 100			
200	ROAD DIVIATION AND BRIDGE ACCESS			
201	Demolition of the existing bridge	U		
202	Road deviation and construction of a temporal bridge	LS		
203	Opening of access bridge access on both sides	km		
	SUB TOTAL LOT 300			
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=7.0M WIDTH=6.0M; HEIGHT=4.5M)			
301	Setting out of bridge	LS		
302	Excavation of foundation	m3		
303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3		
304	Reinforced concrete footing (dosage 400kg/m3)	m3		
305	Stone Masonry abutment wall and wing walls including weep holes	m3		
306	Stone pitching hard core at foundation base at 40cm	m3		
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3		
310	Metallic safety barriers on bridge(Guard rails) including signalisation painting	ml		
311	Wooden protection poles at all entrances of bridge	n°		
312	Reinforced concrete lateral curbs(dosage 350kg/m3)	ml		
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3		



314	Reinforced concrete transition slabs(dosage 350kg/m3)	m3		
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3		
316	Cleaning of the water track (curage) (5m from both the inlet and outlet of the bridge)	ml		
	SUB TOTAL LOT 400			
Lot 400	ENVIRONMENTAL MITIGATION MEASURES			
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2		
402	Metallic sign boards and labelling type AB	LS		
403	Set up, train, and render functional Operations & Maintenance committees	LS		
404	Metallic funders information plate 20x40cm	LS		

**Lot 2: UNIT PRICE SLIP (UPS) FOR THE CONSTRUCTION OF THE FEKUMKWAK BRIDGE LINKING TINIKUM TO NJONGHITIN - MBESSA , BELO SUB DIVISION, BOYO DIVISION, NWR**

N°	DESCRIPTION	UNIT	UNIT PRICE in figures	UNIT PRICE in words
LOT 100	SITE INSTALLATION			
101	Site installation	LS		
102	Mobilisation and demobilisation of equipment	LS		
103	Studies	LS		
104	Execution program and Asbuilt plan of works	LS		
	SUB TOTAL LOT 100			
200	ROAD DIVIATION AND BRIDGE ACCESS			
201	Demolition of the existing bridge	U		
202	Road deviation and construction of a temporal bridge	LS		
203	Opening of access bridge access on both sides	km		
	SUB TOTAL LOT 300			
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=7.0M WIDTH=6.0M; HEIGHT=4.5M)			
301	Setting out of bridge	LS		
302	Excavation of foundation	m3		

303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3		
304	Reinforced concrete footing (dosage 400kg/m3)	m3		
305	Stone Masonry abutment wall and wing walls including weep holes	m3		
306	Stone pitching hard core at foundation base at 40cm	m3		
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3		
310	Metallic safety barriers on bridge(Guard rails) including signalisation painting	ml		
311	Wooden protection poles at all entrances of bridge	n°		
312	Reinforced concrete lateral curbs(dosage 350kg/m3)	ml		
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3		
314	Reinforced concrete transition slab(dosage 350kg/m3)	m3		
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3		
316	Cleaning of the water track (curage) (5m from both the inlet and outlet of the bridge)	ml		
	SUB TOTAL LOT 400			
Lot 400	ENVIRONMENTAL MITIGATION MEASURES			
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2		
402	Metallic sign boards and labelling type AB	LS		
403	Set up, train, and render functional Operations & Maintenance committees	LS		
404	Metallic funders information plate 20x40cm	LS		

**Lot 3: UNIT PRICE SLIP (UPS) FOR THE FOR THE CONSTRUCTION OF THE BULOM BRIDGE BELO SUB DIVISION BELO SUB DIVISION BOYO DIVISION NWR**

N°	DESCRIPTION	UNIT	UNIT PRICE in figures	UNIT PRICE in words
LOT 100	SITE INSTALLATION			
101	Site installation	LS		
102	Mobilisation and demobilisation of equipment	LS		



103	Studies	LS		
104	Execution program and Asbuilt plan of works	LS		
	SUB TOTAL LOT 100			
200	ROAD DIVIATION AND BRIDGE ACCESS			
201	Demolition of the existing bridge	U		
202	Road deviation and construction of a temporal bridge	LS		
203	Opening of access bridge access on both sides	km		
	SUB TOTAL LOT 300			
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=7.0M WIDTH=6.0M; HEIGHT=3.5M)			
301	Setting out of bridge	LS		
302	Excavation of foundation	m3		
303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3		
304	Reinforced concrete footing (dosage 400kg/m3)	m3		
305	Stone Masonry abutment wall and wing walls including weep holes	m3		
306	Stone pitching hard core at foundation base at 40cm	m3		
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3		
310	Metallic safety barriers on bridge(Guard rails) including signalisation painting	ml		
311	Wooden protection poles at all entrances of bridge	n°		
312	Reinforced concrete lateral curbs(dosage 350kg/m3)	ml		
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3		
314	Reinforced concrete transition slab(dosage 350kg/m3)	m3		
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3		
316	Cleaning of the water track (curage) (3m from both the inlet and outlet of the bridge)	ml		
	SUB TOTAL LOT 400			
Lot 400	ENVIRONMENTAL MITIGATION MEASURES			
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2		

402	Metallic sign boards and labelling type AB	LS		
403	Set up, train, and render functional Operations & Maintenance committees	LS		
404	Metallic funders information plate 20x40cm	LS		
	SUB TOTAL LOT 500			

## LOT 2

N°	DESCRIPTION	UNIT	UNIT PRICE in figures	UNIT PRICE in words
LOT 100	SITE INSTALLATION			
101	Site installation	LS		
102	Mobilisation and demobilisation of equipment	LS		
103	Studies	LS		
104	Execution program and Asbuilt plan of works	LS		
	SUB TOTAL LOT 100			
200	ROAD DIVIATION AND BRIDGE ACCESS			
201	Demolition of the existing bridge	U		
202	Road deviation and construction of a temporal bridge	LS		
203	Opening of access bridge access on both sides	km		
	SUB TOTAL LOT 300			
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES (SPAN=6.0M, WIDTH=6.0M; HEIGHT=3.5M)			
301	Setting out of bridge	LS		
302	Excavation of foundation	m3		
303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3		
304	Reinforced concrete footing (dosage 400kg/m3)	m3		
305	Stone Masonry abutment wall and wing walls including weep holes	m3		
306	Stone pitching hard core at foundation base at 40cm	m3		
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3		
310	Metallic safety barriers on bridge (Guard rails) including signalisation painting	ml		
311	Wooden protection poles at all entrances of bridge	n°		



312	Reinforced concrete lateral curbs(dosage 350kg/m3)	m		
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3		
314	Reinforced concrete transition slab(dosage 350kg/m3)	m3		
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3		
316	Cleaning of the water track (curage) (3m from both the inlet and outlet of the bridge)	ml		
	SUB TOTAL LOT 400			
Lot 400	ENVIRONMENTAL MITIGATION MEASURES			
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2		
402	Metallic sign boards and labelling type AB	LS		
403	Set up, train, and render functional Operations & Maintenance committees	LS		
404	Metallic funders information plate 20x40cm	LS		
	SUB TOTAL LOT 500			

LOT 3

N°	DESCRIPTION	UNIT	UNIT PRICE in figures	UNIT PRICE in words
LOT 100	SITE INSTALLATION			
101	Site installation	LS		
102	Mobilisation and demobilisation of equipment	LS		
103	Studies	LS		
104	Execution program and Asbuilt plan of works	LS		
	SUB TOTAL LOT 100			
200	ROAD DIVIATION AND BRIDGE ACCESS			
201	Demolition of the existing bridge	U		
202	Road deviation and construction of a temporal bridge	LS		
203	Opening of access bridge access on both sides	km		
	SUB TOTAL LOT 300			
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=5.0M WIDTH=6.0M; HEIGHT=3.5M)			
301	Setting out of bridge	LS		
302	Excavation of foundation	m3		

303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3		
304	Reinforced concrete footing (dosage 400kg/m3)	m3		
305	Stone Masonry abutment wall and wing walls including weep holes	m3		
306	Stone pitching hard core at foundation base at 40cm	m3		
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3		
310	Metallic safety barriers on bridge(Guard rails) including signalisation painting	ml		
311	Wooden protection poles at all entrances of bridge	n°		
312	Reinforced concrete lateral curbs(dosage 350kg/m3)	ml		
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3		
314	Reinforced concrete transition slab(dosage 350kg/m3)	m3		
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3		
316	Cleaning of the water track (curage) (3m from both the inlet and outlet of the bridge)	ml		
	SUB TOTAL LOT 400			
Lot 400	ENVIRONMENTAL MITIGATION MEASURES			
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2		
402	Metallic sign boards and labelling type AB	LS		
403	Set up, train, and render functional Operations & Maintenance committees	LS		
404	Metallic funders information plate 20x40cm	LS		
	SUB TOTAL LOT 500			



## THE BILL OF QUANTITIES AND ESTIMATES

**LOT 1: BILL OF QUANTITIES AND COST ESTIMATE FOR THE CONSTRUCTION OF BRIDGE OVER RIVER ANYOUH LINKING FETONGLE AND NJONGHITIN IN MBESSA BELO SUB DIVISION, BOYO DIVISION OF THE NORTH-WEST REGION.**

N°	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL PRICE
LOT 100	SITE INSTALLATION				
101	Site installation	LS	1.0		
102	Mobilisation and demobilisation of equipment	LS	1.0		
103	Studies	LS	1.0		
104	Execution program and Asbuilt plan of works	LS	1.0		
	SUB TOTAL LOT 100				
200	ROAD DIVIATION AND BRIDGE ACCESS				
201	Demolition of the existing bridge	U	1.0		
202	Road deviation and construction of a temporal bridge	LS	1.0		
203	Opening of access bridge access on both sides	km	0.5		
	SUB TOTAL LOT 300				
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=7.0M WIDTH=6.0M; HEIGHT=4.5M)				
301	Setting out of bridge	LS	1.0		
302	Excavation of foundation	m3	25.0		
303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3	2.0		
304	Reinforced concrete footing (dosage 400kg/m3)	m3	20.1		
305	Stone Masonry abutment wall and wing walls including weep holes	m3	220.0		
306	Stone pitching hard core at foundation base at 40cm	m3	19.0		
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3	21.0		

310	Metallic safety barriers on bridge(Guard rails) including signalisation painting	ml	14.0		
311	Wooden protection poles at all entrances of bridge	n°	8.0		
312	Reinforced concrete lateral curbs(dosage 350kg/m3)	ml	14.0		
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3	2.0		
314	Reinforced concrete transition slab(dosage 350kg/m3)	m3	2.0		
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3	133.0		
316	Cleaning of the water track (curage) (5m from both the inlet and outlet of the bridge)	ml	10.0		
	SUB TOTAL LOT 400				
Lot 400	ENVIRONMENTAL MITIGATION MEASURES				
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2	50.0		
402	Metallic sign boards and labelling type AB	LS	2.0		
403	Set up, train, and render functional Operations & Maintenance committees	LS	1.0		
404	Metallic funders information plate 20x40cm	LS	1.0		
	SUB TOTAL LOT 500				
	TOTAL WITHOUT TAXES				
	V.A.T (19.25%)	%	19.250		
	I.R (2.2%) or 5.5%	%	2.2		
	NET TO BE PAID				
	TOTAL ALL TAXES INCLUDED				

This estimates have been prepared at the sum of .....FCFA TTC

LOT 2: BILL OF QUANTITIES AND COST ESTIMATE THE CONSTRUCTION OF THE FEKUMKWAK BRIDGE LINKING TINIKUM TO NJONGHITIN - MBESSA , BELO SUB DIVISION, BOYO DIVISION, NWR.

N°	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
LOT 100	SITE INSTALLATION				
101	Site installation	LS	1.0		
102	Mobilisation and demobilisation of equipment	LS	1.0		



103	Studies	LS	1.0		
104	Execution program and Asbuilt plan of works	LS	1.0		
	SUB TOTAL LOT 100				
200	ROAD DIVIATION AND BRIDGE ACCESS				
201	Demolition of the existing bridge	U	1.0		
202	Road deviation and construction of a temporal bridge	LS	1.0		
203	Opening of access bridge access on both sides	km	0.5		
	SUB TOTAL LOT 300				
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES(SPAN=6.0M WIDTH=6.0M; HEIGHT=4.5M)				
301	Setting out of bridge	LS	1.0		
302	Excavation of foundation	m3	20.0		
303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3	2.0		
304	Reinforced concrete footing (dosage 350kg/m3)	m3	20.1		
305	Stone Masonry abutment wall and wing walls including weep holes	m3	200.0		
306	Stone pitching hard core at foundation base at 40cm	m3	18.0		
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3	16.0		
310	Metallic safety barriers on bridge(Guard rails) including signalisation painting	ml	12.0		
311	Wooden protection poles at all entrances of bridge	n°	8.0		
312	Reinforced concrete lateral curbs(dosage 350kg/m3)	ml	12.0		
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3	2.0		
314	Reinforced concrete transition slab(dosage 350kg/m3)	m3	2.0		
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3	96.9		
316	Cleaning of the water trach (curage) (5m from both the inlet and outlet of the bridge)	ml	10.0		
	SUB TOTAL LOT 400				

Lot 400	ENVIRONMENTAL MITIGATION MEASURES				
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2	50.0		
402	Metallic sign boards and labelling type AB	LS	2.0		
403	Set up, train, and render functional Operations & Maintenance committees	LS	1.0		
404	Metallic funders information plate 20x40cm	LS	1.0		
	SUB TOTAL LOT 500				
	TOTAL WITHOUT TAXES				
	V.A.T (19.25%)	%	19.250		
	I.R (2.2%) or 5.5%	%	2.2 or 5.5		
	NET TO BE PAID				
	TOTAL ALL TAXES INCLUDED				

This estimates have been prepared at the sum of .....FCFA TTC

### LOT 3

BILL OF QUANTITIES AND ESTIMATES FOR THE CONSTRUCTION OF THE BRIDGE LINKING MIFACIG TO THE MORTUARY BELO SUB DIVISION			
N°	DESCRIPTION	UNIT	QTY
LOT 100	SITE INSTALLATION		
101	Site installation	LS	1.0
102	Mobilisation and demobilisation of equipment	LS	1.0
103	Studies	LS	1.0
104	Execution program and Asbuilt plan of works	LS	1.0
	SUB TOTAL LOT 100		
200	ROAD DIVIATION AND BRIDGE ACCESS		
201	Demolition of the existing bridge	U	1.0
202	Road deviation and construction of a temporal bridge	LS	1.0
203	Opening of access bridge access on both sides	km	0.5
	SUB TOTAL LOT 300		
LOT 300	CONSTRUCTION OF BRIDGE AND ITS ACCESSORIES (SPAN=5.0M WIDTH=6.0M; HEIGHT=3.5M)		
301	Setting out of bridge	LS	1.0
302	Excavation of foundation	m3	20.0



303	Lean Concrete for abutment footing (dosage 150kg/m3)	m3	2.0
304	Reinforced concrete footing (dosage 350kg/m3)	m3	20.1
305	Stone Masonry abutment wall and wing walls including weep holes	m3	150.0
306	Stone pitching hard core at foundation base at 40cm	m3	15.0
309	Reinforced concrete for crossing beams and carriageway (dosage 350kg/m3) including drainage pipes	m3	14.0
310	Metallic safety barriers on bridge(Guard rails) including signalisation painting	ml	10.0
311	Wooden protection poles at all entrances of bridge	n°	6.0
312	Reinforced concrete lateral curbs(dosage 350kg/m3)	ml	10.0
313	Reinforced concrete beam sitting(dosage 350kg/m3)	m3	2.0
314	Reinforced concrete transition slab(dosage 350kg/m3)	m3	1.5
315	Backfilling of bridge abutments and wing walls with material from borrow pit	m3	65.0
316	Cleaning of the water track (curage) (3m from both the inlet and outlet of the bridge)	ml	6.0
	SUB TOTAL LOT 400		
Lot 400	ENVIRONMENTAL MITIGATION MEASURES		
401	Planting of vetiver grass on all backfilled flanks of the bridge.	m2	50.0
402	Metallic sign boards and labelling type AB	LS	2.0
403	Set up, train, and render functional Operations & Maintenance committees	LS	1.0
404	Metallic funders information plate 20x40cm	LS	1.0
	SUB TOTAL LOT 500		
	TOTAL WITHOUT TAXES		
	V.A.T (19.25%)	%	19.250
	I.R (2.2%) OR 5.5%	%	2.2
	NET TO BE PAID		
	TOTAL ALL TAXES INCLUDED		

# THE SUB-DETAIL OF UNIT PRICES

Designation of Works :

N° price	Daily output		Total Quantity		Duration (days)
	/ day				
WORKMANSHIP	Category	Number	Daily Salary	Days paid	Amount
	Site engineer				
	Site foreman				
	Team chiefs				
	Administrative staff				
	Driver				
	Specialised Technicians				
	Labourers				
	Total A				
OR					
MACHINES EQUIPMENT	Type	Quantity	Daily rate	Days paid	Amount
	Pickup for follow-up				
	Small equipment				
	Total B				
DIVERSES MATERIALS	Type	Quantity	Unit Price	Consumption	Amount
	*				
	Total C				
D	TOTAL DRY PRICE A+E+C				
E	General site expenses		X%	$D \times X\%$	
F	General head office expenses		Y%	$D \times Y\%$	
G	TOTALCOST PRICE			$D + E + F$	
H	Risks + benefits		Z%	$G \times Z\%$	
P	TOTAL COST PRICE WITHOUT TAXES			$G + H$	
V	SELLING UNIT PRICE WITHOUT TAXES			$P/QTE$	