

REPUBLIQUE DU CAMEROUN  
Paix – Travail – Patrie

REGIONALE DU NORD – OUEST

DEPARTEMENTALE DU MOMO

PREFECTURE DE MBENGWI

PREFECTURE DE MBENGWI

COMMISSION DEPARTEMENTAL DE  
PASSATION DES MARCHES DE LA MOMO



REPUBLIC OF CAMEROON  
Peace – Work – Fatherland

NORTH – WEST REGIONAL

MOMO DIVISION

DIVISIONAL OFFICE MBENGWI

DIVISIONAL OFFICE MBENGWI

DIVISIONAL TENDERS BOARD  
COMMISSION MOMO

**OPEN NATIONAL INVITATION TO TENDER, EMERGENCY PROCEDURE  
N°02/ONIT/NW06/DTB/2025 OF 24/04/2025**

**FOR CONSTRUCTION/RECONSTRUCTION OF A COLLAPSED  
STRUCTURE IN MOMO DIVISION. (CONSTRUCTION OF MAIN BRIDGE  
IN ANDEK TOWN OF 18M SPAN OVER RIVER FEG IN NGIE  
SUBDIVISION) NORTH WEST REGION**

**PROJECT OWNER: DIVISIONAL DELEGATE OF PUBLIC WORKS MOMO**

**CONTRACTING AUTHORITY: THE SENIOR DIVISION OFFICER MOMO**

**TENDER'S BOARD: MOMO DIVISIONAL TENDER BOARD**

**FUNDING N°: PIB MINTP 2025**

**IMPUTATION:**



**FINANCIAL YEAR 2025**

## **CONTENT OF THE TENDER DOCUMENT (TD)**

Doc 1: Tender notice (TN) (English and French version)

Doc 2: General Rules of the Tender Document (GRTD)

Doc 3: Specific Rules of the Tender Document (SRTD)

Doc 4: The special Administrative Clause document (CCAP)

Doc 5: The Technical Specifications document (CPT)

Doc 6: Schedule of Unit Prices (BPU)

Doc 7: Schedule of the Bill of Quantities and Cost Estimates (DQE)

Doc 8: Framework of breakdown of Prices

Document No. 9: Draft Contract

Document No. 10: Model documents to be used by bidders

10.1 Model of tender letter;

10.2 Model of Bid Bond (Temporary Bank guarantee for tender);

10.3 Model of final bid bond (final bank guarantee);

10.4 Model of bank guarantee for the restitution of start-up advance;

10.5 Model of The Attestation of site visit;

10.6 Model of Information on the proposed key personnel to be deployed;

10.7 Recapitulative Model form for the company references;

10.8 Model form for power of attorney (in case of joint ventures);

10.9 Model form of agreement for joint-venture;

Document No. 11: Noting sheet for the Technical Bid;

Document No. 12: List of banking establishments and financial bodies authorised to issue bonds for public contracts.



# Document No. 1 : TENDER NOTICE





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N°02/ONIT/NW06/DTB/2025 OF 24/04/2025**

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IN ANDEK TOWN OF 18M SPAN OVER RIVER FEG IN NGIE  
SUBDIVISION, NORTH WEST REGION)**

**FUNDING: BIP MINTP 2025 Excise**

**IMPUTATION:**

**1. Subject of the invitation to tender:**

The **Senior Divisional Officer Momo (S.D.O)**; CONTRACTING AUTHORITY, initiates on behalf of the Republic of Cameroon, an Open National Invitation to tender, emergency procedure For Construction/Reconstruction of a Collapsed Structure in Momo Division. (Construction of Main Bridge in Andek Town Of 18m Span Over River Feg in Ngie Subdivision, North West Region)

**ALLOTMENT:**

The works subject to this invitation to tender, are presented in ONE lot, following the itinerary described below:

Region	Division	Structure/ Stretch of road / River	Span/ Length (ml or km)	Duration (Mois)	Phase 1 amount (ATI) FCFA active 2025	Type of intervention
NORTH- WEST	MOMO	River Feg (Main bridge in Andek town)	18	5	130,000,000	Construction of a bridge



## **2. Nature of Works:**

<b>SERIES 000</b>	<b>INSTALLATION</b>
TM001	Site installation
TM002	Supply and withdrawal of equipment
<b>SERIES 100</b>	<b>CLEANING AND LEVELLING</b>
TM101	Clearing
TM108a	Backfilling with laterite gravel from borrow pit
<b>SERIES 300</b>	<b>DRAINAGE</b>
TM304	Cleaning the riverway
TM315	Drainage Channel
<b>SERIES 400</b>	<b>ENGINEERING STRUCTURES</b>
TM407	Excavations on ordinary grounds or riverbeds
TM409c	Rubble masonry abutments $3m < h \leq 4m$
TM411	Backfilling the Excavations with Rocks around the footings
TM412	Filter materials behind the abutments (gravel, sand and pozzolana )
TM413	Backfilling adjacent to the structures
TM423a	Lean concrete dosed at $150kg/m^3$
TM423f	Reinforced concrete dosed at $400kg/m^3$ (slap)
TM423f	Reinforced concrete dosed at $450kg/m^3$ (foundations)
TM430d	Installation of IPE 500 beams
TM330c	Installation of IPE 450 beams
TM431a	Ordinary formwork
TM431b	Wooden formwork
TM433	HA25 steel or equivalent Anchored to the rock
TM438	Gargoyle
TM441	Geotechnical studies and Performance plan
<b>SERIES 500</b>	<b>SIGNALISATION AND SECURITY EQUIPMENT</b>
TM501c	Guard Rail
TM516a	Type A metallic sign board
TM528a	Wooden poles
TM528b	Reinforced concrete Poles
<b>SERIES 600</b>	<b>DIVERS</b>
TM606C	Bituminous Paint
	Maintain of circulation

## **3. PARTICIPATION AND ORIGIN OF BIDDERS:**

Participation in this invitation to tender is open to all registered and qualified companies or groups of companies based in the Republic of Cameroon.

## **4. ESTIMATED COST :**

The previewed cost of the entire work of this Open National Invitation to tender, emergency procedure is 130,000,000 FCFA (one hundred and forty million), including all taxes. And shall be executed in one phase as follows: the cost of Phase is 130,000,000 FCFA (One Hundred and Thirty Million FCFA) to be executed in 2025,

## **5. FUNDING :**

The Works on this tender are funded by the Public Investment Budget of the Ministry of Public Works (PIB MINTP 2025 Excise), for the 2025 financial year.

## **6. PERIOD OF EXECUTION :**

The entire period for execution of these Works is **5 months (five months)** calendar months. This duration starts as of the date of notification of the service order to start the Works.

## **7. ADMINISTRATION CHARGED WITH THE SIGNING OF THE CONTRACT**

After examination for the tender documents of the various bidders, and the choice of the successful bidder by the contracting authority, the contract will be signed between the latter and the contracting authority, who is the **Senior Divisional Officer for Momo Division (S.D.O.)**

## **8. TEMPORAL BID BOND (TENDER GUARANTEE) :**

9. .

The bids should be accompanied by a temporal bid bond (Bank Tender Guarantee, or a bank cheque certified), established as per the indicated Model in this tender file, by a financial institution accredited by the Ministry of Finance, and of an Amount equal to:

<b>Lot Number</b>	<b>Amount of the bid Bond in cfa F (Tender guarantee)</b>
<b>LOT N°1</b>	<b>2,600,000 FCFA</b>

To avoid being rejected, the original copy of the bid bond (Bank tender guarantee) should be produced dating less than 3 (three) months.

The temporal bid bond shall automatically be liberated within 30 (thirty days) days upon expiration of the validity of the bids for the unsuccessful bidders. In case where the bidder is awarded the contract, the temporal bid bond is liberated after the production of the final bond.

## **10. CONSULTATION OF TENDER FILE:**

The tender file can be consulted in the office of the contracting authority, at the **Divisional Office Mbengwi**

## **11. ACQUISITION OF THE TENDER FILE:**

The tender file can be obtained in the office of the contracting authority, precisely in the office of the **senior divisional office**, on presentation of a payment receipt to the public treasury, of a non-refundable purchase fee for the tender file. **108,000 (one hundred and eight thousand francs cfa) Francs CFA.**

This receipt should identify the buyer as the representative of the bidder, wishing to participate in the consultation.

## **12. PRESENTATION OF THE BIDS**

The bid documents will be presented in three envelopes as illustrated below:

The Envelope A containing administrative documents (volume 1);

The Envelope B containing technical documents (Volume 2);

The Envelope C containing financial documents (Volume 3).

All constituted documents (Envelopes A, B and C), will be put in a bigger sealed envelope bearing only the title of the Open national invitation to tender N°001.....

The various documents in each bid will be numbered in the order of the tender file and with separators of different colors other than white.



### **13. SUBMISSION OF BIDS :**

Each bid, prepared in English or French in (07) seven copies, that is (01) one original and (06) six copies noted as such, shall be forwarded to the contracting authority, notably to the **Office of the Senior Divisional officer** latest the: **16/05/2025 at 10.00am** local time bearing

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SUBDIVISION) NORTH WEST REGION**

**To be opened only during the bid-opening session ».**

### **14. ACCEPTABILITY OF BIDS :**

Bids that will be submitted after the date and time mentioned above or those that will not respect the separation model indicated in the different documents in each bid shall not be accepted.

To avoid being rejected, the required administrative documents will be imperatively produced in original or in certified true copies by the issuing service, in conformity with the stipulation rules and regulations of this tender.

These Administrative documents have a validity period of (03) three months. This validity period has to begin after the date of the launching of the tender.

### **15. OPENING OF BIDS :**

The opening of bids shall take place on the **16/05/2025 at 11:00am**, in the conference hall of the **Senior Divisional's Office**, at the senior divisional office Mbengwi premises.

The opening of bids will be done at once and in three stages:

- Stage 1: Opening of envelope A containing administrative document (volume 1),
- Stage 2: Opening of envelope B containing technical document (volume 2)
- Stage 3: Opening envelope C containing financial document (volume 3).

All the bidders can take part in this opening session or can be represented by one dully mandated person (even in case of joint venture) who has a perfect mastery of the tender file.

### **16. MAIN CRITERIA OF EVALUATION OF THE BIDS:**

#### **16-1- : ELIMINATORY CRITERIA :**

- a) Absence bid bond in the administrative file ;
- b) No purchase receipt from public Tresury
- c) No reference  $\geq 104,000,000$ frs in this domian (80%)
- d) Deadline for delivery higher than prescribed;
- e) False declaration or falsified documents ;
- f) A bid with the external envelope carrying a sign or mark leading to the identification of the bidder;
- g) Incomplete financial file;
- h) Change of quantity or unit;
- i) Suspended by MINMAP or ARMP.
- j) **Not having obtained at least seventy five percent (75%) of the essential technical criteria;**
- k) **Any bid carrying a mark identifying the bidder.**

**16-2: Essential criteria:**

The technical bids will be evaluated according to the following ten (10) main criteria:

- a. Key personnel of the enterprise on **three (03)** criteria;
- b. The site equipment to be mobilized on **five (05)** criteria;
- c. The Enterprise references on **two (02)** criteria;
- d. General presentation of bids
- e. Financial capacity;
- f. Safety measures at site;
- g. Technical organization of works;
- h. Logistics;
- i. Attestation and report of site visit;
- j. Special technical clauses initiated on all pages and last page signed;
- k. Special administrative clauses filled and initiated on all pages and last page signed

**17. Duration of validity of bids:**

The bidders will be engaged by their bids during a period of ninety (90) days as from the latest date programmed for bids deposit.

**18. Awards of contract :**

The contract will be awarded to the lowest bidder, fulfilling the required administrative, technical, and financial criteria.

Only a maximum of one lot(s) awarded to a bidder for this tender.

**19. Additional information**

Additional information about technical details can be obtained at the office of the contracting authority, notably **at the secretariat of the divisional office Mbengwi.**

Done in Mbengwi the **24 AVR 2025**

Cc

- DD MINMAP MOMO
- ARMP NWR
- CHAIRPERSON DTB
- NOTICE BOARD



**The Senior Divisional Officer Momo  
(Contracting Authority)**

*Fouda Etaba Benoit Nicaise*  
Administrateur Civil Principal  
Chevalier de l'Ordre National de la Valeur



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## AVIS D'APPEL D'OFFRES, PROCEDURE URGENCE

### APPEL D'OFFRES

N° 01/AONO/NW06 /DTB/2025 DU 24/04/2025

POUR LE CONSTRUCTION / RECONSTRUCTION D'UNE STRUCTURE  
EFFONDREE DANS LA DIVISION MOMO. (CONSTRUCTION DU PONT  
PRINCIPAL DANS LA VILLE D'ANDEK DE 18 M SUR LA RIVIERE FEG DANS  
LA SUBDIVISION NGIE) REGION DU NORD-OUEST

### FINANCEMENT : BIP MINTP2025 Excise

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

Le Préfet du Départemental de la Momo, Autorité Contractante, relance pour le compte de la République du Cameroun, un appel d'offres national ouvert pour le Construction / reconstruction d'une structure effondrée dans la division Momo. (Construction du pont principal dans la ville d'Andek de 18 m sur la rivière Feg dans la subdivision Ngie) Région du Nord-Ouest

#### 2. Allotissement :

Les travaux sont repartis en UN SEUL LOT suivant les itinéraires ci - après :

Régions	Départements	Ouvrages/ Tronçons Rivières	Portée/ Longueur (ml or km)	Duration (Mois)	Coûts prévisionnel (TTC) active 2025	Type d'intervention
NORTH- WEST	MOMO	Rivière Feg	18	5	130,000,000	Travaux d'entretien routier

#### 3. Consistance des travaux :

Ces travaux comprennent les opérations suivantes :

Prix	Désignation
	<b>SERIE 000: INSTALLATIONS</b>
TM001	Installation de chantier
TM002	Amenée et Repli du matériel
	<b>SERIE 100 : NETTOYAGE ET TERRASSEMENTS</b>
TM101	Débroussaillage
TM108a	Remblai en "graveleux latéritiques" provenant d'emprunt

### 15-2 : Critères essentiels :

Les offres techniques seront notées en fonction des critères essentiels ci-après :

- a. Personnel d'encadrement de l'Entreprise sur **trois (03)** critères ;
- b. Le Matériel de chantier à mobiliser sur cinq (05) critères ;
- c. Références de l'Entreprise sur deux (02) critères.
- d. Présentation générale de l'offre ;
- e. Capacité financière ;
- f. Planification technique des travaux ;
- g. Sécurité sur le chantier ;
- h. Logistique ;
- i. Attestation et rapport de visite du site ;
- j. Cahier de clauses techniques particulières paraphé et signé à la dernière page ;
- k. Cahier de clauses administratif particulier remplis et paraphé à chaque page et signé à la dernière page.

#### l) Durée de validité des offres :

Les soumissionnaires seront engagés par leurs offres pendant une période de quatre-vingt-dix (90) jours à compter de la date limite fixée pour le dépôt des offres

#### m) Attribution du marché :

Le marché sera attribué au soumissionnaire présentant l'offre évaluée la moins disante et remplissant les critères administratifs, techniques et financiers requis.

Il peut être attribué plusieurs lots (préciser le nombre de lots en lettre et en chiffre dont un soumissionnaire peut être adjudicataire) lot (s) par soumissionnaire au titre de cet Appel d'Offres.

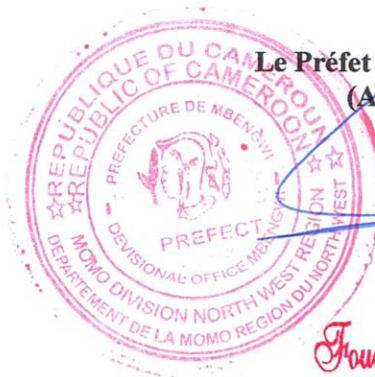
#### n) Renseignements complémentaires

Des informations supplémentaires sur les détails techniques peuvent être obtenues au bureau de l'autorité contractuelle, notamment au secrétariat du bureau de division Mbengwi.

Fait à Mbengwi le **24 AVR 2025**

Cc

- DD MINMAP MOMO
- ARMP NWR
- PRESIDENT CDPM
- AFFICHAGE
- CHR



**Le Préfet du Département de la Momo  
(Autorité Contractante)**

*Fouda Etaba Benoît Nicaise*  
Administrateur Civil Principal  
Chevalier de l'Ordre National de la Valeur



Document No. 2:  
**GENERAL REGULATIONS OF THE  
INVITATION TO TENDER**

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## **General Regulations of the invitation to tender**

### **A. General**

#### **Article 1: Scope of offer**

**The Senior Divisional Officer Momo (S.D.O)**, contracting authority, launches on behalf of the Republic of Cameroon, an open national invitation to tender **for the Construction/Reconstruction of a Collapsed Structure in Momo Division. (Construction Of Main Bridge in Andek Town Of 18m Span Over River Feg in Ngie Subdivision) North West Region**

The bidders retained, must complete the works within the required period as indicated in the specific rules of the tender document (SRTD), except there is a contrary stipulation in the special administrative document, that starts from the date of notification of the service order to start works or of that indicated in the service order.

1.1. The word « Day » in this tender document, signifies a calendar day.

#### **Article 2: Financing**

The source of funding of works in this tender document has been indicated in the (SRTD).

#### **Article 3: Fraud and corruption**

**3.1** The Contracting Authority requires of bidders and their contractors the strict respect of rules of professional ethics during the award and execution of public contracts. 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 advantage in view of influencing the action of a public official during the award or execution of a contract;
- ii. is involved in "fraudulent manoeuvres" whoever deforms or distorts facts in order to influence the award or execution of a contract;
- iii. "Collusive practices" mean any form of agreement between two or among several bidders (whether the Contracting Authority is aware or not) aimed at artificially maintaining the prices of offers at levels not corresponding with those which will result from the forces of competition;
- iv. "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;
- v. Conflict of interest shall mean any situation in which the financial or personal interest of an agent or public entity is likely to compromise transparency in the award of public contracts.

b. The Contracting Authority shall reject any award proposal if it determines that the proposed successful bidder is directly or through the intermediary of an agent, guilty of corruption or is involved in fraudulent manoeuvres, collusive or coercive practices in the award of this contract.

**3.2** The Minister Delegate at the Presidency of the Republic in charge of Public Contracts may, as a temporary measure, take a decision to ban bidding for a period not exceeding two (2) years against any bidder guilty of influence peddling, conflict of interest, insider information, fraud, corruption, or production of non-authentic documents in his offer, without prejudice to legal action that may be taken against him.

#### **Article 4: Candidates allowed to compete**

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

**4.2** Generally, the invitation to tender is addressed to all suppliers, subject to the following provisions:

- (a) a bidder (including all members of a group of enterprises and all sub-contractors to the bidder) must be from an eligible country, in accordance with the funding agreement.
- (b) a bidder (including all members of a group of enterprises and all sub-contractors to the bidder) must not be in a situation of conflict of interest.



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

- i) is or was associated in the past in an enterprise (or a subsidiary of this enterprise) which provided consultancy services for the conception, preparation of specifications and other documents used within the scope of contracts awarded for this invitation to tender; or
  - ii) presents more than one bid within the context of this invitation to tender, except authorised variants according to article 17, where need be; meanwhile, this does not prevent the participation of sub-contractors in more than one bid.
  - iii) The project owner is not a shareholder of any bidder so as to compromise the process of award of the contract.
- (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 or indirect supervisory authority of the Contracting Authority.

#### **Article 5: Supplies and ancillary services meeting the criteria of origin**

5.1 All supplies and ancillary services forming the subject of this contract must come from countries meeting the criteria of origin defined in the Special Regulations of the invitation to tender.

5.2 Within the meaning of the clause 5.1, the term "supplies" shall refer to products, raw materials, machines, equipment and industrial installations; and the term "ancillary services" shall notably refer to services such as insurance, installation, training and initial maintenance.

5.3 The term "originate" shall qualify the country where the supplies are extracted, cultivated, produced, manufactured or transformed; or the country where a manufacturing, transformation or assembly of components process results in the obtention of a commercial article whose basic characteristics are substantially different from those of its components.

#### **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 bid bound by the offer; and
- (b) furnish all the information (to complete or update the information included in the request for pre-qualification which may have changed in the case where the candidates had to pre-qualify) requested from bidders in the Special Regulations, in order to establish their ability to execute the contract; furnish all the information (or update the information included in their request for pre-qualification which may have changed) requested from the bidders in order to establish their ability to execute the contract.

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

- (i) The production of certified balance sheets and recent turnover;
- (ii) access to a credit line or availability of other financial resources;
- (iii) orders acquired and contracts awarded;
- (iv) pending litigations; and
- (v) availability of indispensable equipment.

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



- a. The bids must include all the information listed in article 6(1) above. The Special Regulations must specify the information to be furnished by the group and the information to be furnished by each member of the group;
- b. The offer and the contract must be signed in a way that is binding on all members of the group;
- c. The nature of the group (*joint or several*) 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 shall represent all the undertakings vis à vis the Contracting Authority in the execution of the contract.
- e. In case of joint co-contracting, the co-contractors shall share the sums which are paid by the Administration into a single account; on the other hand, each undertaking is paid in its own account by the Administration where it is several co-contracting.

6.3 Bidders should 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 Bidders seeking to benefit from a margin of preference must furnish all the information required to prove that they meet the eligibility criteria described in article 35 of the General Regulations.

#### **Article 7: Visit of the work site**

- 7.1. The bidder is advised to visit and inspect the site of works and its surroundings and to obtain by himself, and under his own responsibility, all the information that may be necessary for the preparation of the tender and the work execution. The costs related to the visit of the site are the responsibility of the Bidder.
- 7.2. the Contracting Authority is obliged to authorize the Bidder who so requests and his employees or agents to enter his premises and grounds for the purpose of the said visit, but only on the express condition that the Bidder, its employees and agents release the Owner, his employees and agents from any liability that may result and compensate them if necessary, and that he remains responsible for fatal or personal accidents, loss or damage to property, costs and expenses incurred as a result of this visit.
- 7.3. The Contracting Authority may organize a visit to the site of works at the time of the preparatory meeting for the preparation of the bids mentioned in article 19 of the GRIT.

#### **B. Tender File**

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

8.1 The Tender File describes the supplies forming the subject of the contract, sets the consultation procedure by suppliers and specifies the terms of the contract. Besides the addenda published in accordance with article 9 of the General Regulations of the invitation to tender, it includes the following documents:

Document No. 1	The tender notice in English and French signed by the Contracting Authority
Document No. 2	The General Regulations of the invitation to tender which has model clauses that are not to be modified;
Document No. 3	The Special Regulations of the invitation to tender containing provisions of documents No. 2 which should be completed or specified within the context of the invitation to tender concerned
Document No. 4	The Special Administrative Conditions which deal with the execution of the contract and the related payments;
Document No. 5	The technical specification
Document No. 6	The framework of Unit Price Schedule;



Document No. 7	The framework of bill of Quantities and cost estimates
Document No. 8	Framework of breakdown of unit price;
Document No. 9	Draftcontract; a. The planning of execution b. Model form for presentation of equipments, personnel, and references; c. Model of tender letter; d. Model of tender bond; e. Model of final bond; f. Model of start up advance;
Document No. 10	Models to be used by bidders;
Document No. 11	Justifications of preliminary studies to be filled by the Project Owner or Delegated Project Owner;
Document No. 12	List of first rate banking establishments and financial bodies approved by the Ministry in charge of finance authorised to issue bonds for public contracts

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 a bid in conformity with all aspects of the said file. Any deficiency may lead to a rejection of his bid.

#### **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 Contracting Authority in writing or by electronic mail (telecopy or e-mail) at the Contracting Authority's address indicated in the Special Regulations of the invitation to tender. The Contracting Authority shall reply in writing to any request for clarification received at least fourteen (14) days for national invitations to tender and twenty-one (21) days for international invitations prior to the deadline for the submission of the offers.

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

9.2 Between the publication of the tender notice including the pre-qualification phase of candidates and the opening of bids, any bidder who feels aggrieved in the public contracts award procedure may lodge a complaint to the Contracting Authority.

9.3 The complaint must be addressed to the 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 Contracting Authority not later than fourteen (14) days before the opening of bids.

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

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

10.3 In order to give bidders sufficient time to take account of the addendum in the preparation of their bids, the Contracting Authority may postpone as is necessary, the deadline for the submission of bids, in accordance with provisions of article 23.3 of the General Regulations of the invitation to tender.



**Special Regulations of the invitation to tender**

**General**

**1.1** Definition of Works: **FOR THE CONSTRUCTION/RECONSTRUCTION OF A COLLAPSED STRUCTURE IN MOMO DIVISION. (CONSTRUCTION OF MAIN BRIDGE IN ANDEK TOWN OF 18M SPAN OVER RIVER FEG IN NGIE SUBDIVISION) NORTH WEST REGION**

The works are distributed in a batch according to the itinerary or the itineraries hereafter:

Region	Division	Structure/ Stretch of road / River	Span/ Length (ml or km)	Duration (Mois)	Phase 1 amount (ATI) FCFA active 2025	Type of intervention
NORTH- WEST	MOMO	River Feg	18.00	6	130,000,000	Construction/rec onstruction of bridge

**2** **PERIOD OF EXECUTION:**

The entire period of execution of these Works is **5 months\_ (five months)** calendar months. This duration starts as of the date of notification of the service order to start the Works.

**3** **ESTIMATED COST:**

The previewed cost of the entire works of this Open National Invitation to tender is: **130,000,000 (One Hundred and thirty million) FCFA all taxes included**

**4** **FUNDING:**

The Works on this tender are funded by **PIB MINTP 2025 Excise, financial year 2025**

**5** **MAIN CRITERIA OF EVALUATION OF THE BIDS :**

**1- : ELIMINATORY CRITERIA :**

- h) Absence bid bond in the administrative file ;
- i) No purchase receipt Momo Divisional Treasury
- j) No reference  $\geq 104,000,000$ frs in this domian(80%)
- k) Deadline for delivery higher than prescribed;
- l) False declaration or falsified documents ;
- m) A bid with the external envelope carrying a sign or mark leading to the identification of the bidder;
- n) Incomplete financial file;
- o) Change of quantity or unit;
- p) Suspended by MINMAP or ARMP.
- q) Not having obtained at least seventy five percent (75%) of the essential technical criteria;
- r) Any bid carrying a mark identifying the bidder

**16-2 : Essential criteria :**

The technical bids will be evaluated according to the following ten (10) main criteria:

- l.** Key personnel of the enterprise on **three (03)** criteria ;
- m.** The site equipment to be mobilized on **five (05)** criteria ;
- n.** The Enterprise references on **two (02)** criteria;
- o.** General presentation of bids
- p.** Financial capacity;
- q.** Safety measures at site;
- r.** Technical organization of works;



- s. Logistics;
- t. Attestation and report of site visit;
- u. Special technical clauses initiated on all pages and last page signed;
- v. Special administrative clauses filled and initiated on all pages and last page signed

#### **Preparation of BIDS**

The list of documents referred to in Article 13 of the General Regulations should be completed, grouped into three volumes respectively inserted in inner envelopes and detailed as follows:

#### **Volume 1: Documents constituting the administrative file**

DOCUMENT N°	DESCRIPTION
A.1	Certified Copy of the Business Registration, not more than three months old.
A.2	Declaration of intention to tender stamped with the tariff in force (written by the bidder).
A.3	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.4	Attestation of bank account of the bidder, issued by a first rate-bank approved by the Ministry in charge of Finance or by a foreign bank the first order not more than three months.
A.5	Purchase receipt of tender file issued by public treasury
A.6	A bid bond of <b>2,600,000 FCFA</b> (Two million six hundred thousand FCFA), certified cheque or bank cheque issued by a first rate-bank approved by the Ministry in charge of Finance in conformity with COBAC conditions
A.7	An attestation of non-exclusion from Public Contracts issued by the Public contract Regulator Board (ARMP)
A.8	An Attestation of the National Social Insurance Fund stating that the bidder has met all his obligations vis a vis the Fund; the attestation should be less than three months old.
A.9	Attestation of fiscal conformity
A.10	Certified Copy of a valid taxpayers card, delivered by the chief of center of Taxes.
A.11	Plan and attestation of location of the Company

These administrative documents are valid for three (03) months. The deadline for the validity of the above administrative documents must be later than the date of the launch of the Invitation to Tender in accordance with Article 90.3 of the Decree 2018/366 of June 20, 2018 relating to the Code des Marchés Publics. In the case of a group of companies, each member of the group will produce each of the administrative documents listed above with the exception of 1.1, 1.6 to 1.14.

#### **Volume 2: Parts constituting the technical offer**

- 2.1 Site visit; the bidder will produce the following two documents:
  - The certificate of visit of the premises following the model (Exhibit 9.4) dated, sealed and signed on the honor by the tenderer (this Certification as well as the whole offer commits the tenderer who can not claim the non-knowledge of the site for possible claims);
- 2.2 The site visit report, initialed to each and signed on the last page by the bidder. This report must be documented and illustrative.
- 2.3 The declaration of honor certifying that the tenderer has not abandoned a contract during the last three years, and that he does not appear on the list of failing companies established by the Ministry of Public Procurement;
- 2.4 Personnel

The CONTRACTOR must have, or have undertaken to hire, before the beginning of the works and for the duration of the work, the necessary technical personnel necessary, namely:

#### **- A Work DIRECTOR**

One (01) Work Supervisor, minimum level Civil Engineer, with at least Five (5) years of experience in the field of road works, with at least THREE (03) projects carried out at this position (join curriculum) vitae signed by the candidates, a certified copy of the highest diploma signed by the Administrative Authority, a certificate of presentation of the original diploma, and a certificate of availability signed by the candidate); Must be in the NOCE.



- A SITE FOREMAN

One (01) Site Manager, minimum level SENIOR Technical Civil Engineer, with at least THREE (03) years of experience in the field of road works, with at least one (01) project carried out at this position (join curriculum vitae signed by the candidates, a certified copy of the highest degree signed by the Administrative Authority, a certificate of presentation of the original diploma, as well as a certificate of availability signed by the candidate);  
NB: Proposed personnel will only be considered at appraisal if the required supporting documentation, less than three months old, is provided and signed. Must be in the NOCE.

- Carpenter with CAP

**2.4 equipment**

The company will have to justify the ownership **OF AT LEAST, A TIPPER AND A 4WD VEHICLE FOR SUPERVISION**, and condition of the equipment needed to perform the work. Evidence of the equipment is the certified photocopies of the gray cards legalized by the competent departments of the Ministry of Transport or the certified photocopies of customs clearance certificates dated less than three months before the deadline for submission of bids for the rolling stock, and certified photocopies of invoices for other materials.

In case of rental, enclose a copy of the rental agreement and the certified true copies of the documents proving that the party renting the equipment owns it, with the exception of MATGENIE. These documents must be less than three months old at the deadline for submission of tenders. The list of minimum equipment to provide is as follows:

• **Equipment to be USED (owned or rented):**

- One (01) pick-up link vehicle;
- truck
- One Compactor
- One (01) pharmacy box;
- Small equipment ( machetes, spades, round shovels, wheelbarrows, pairs of gangs).

2.5 Co-contractor's references for the last five years (2017-2022) (attach the first and last pages of the registered contracts and the minutes of receipt or certificate of performance).

These references (at least THREE (03)) must demonstrate that the BIDDER has completed, during the last ten years, 2008-2017, furrowing or road construction or road rehabilitation or road opening or road construction contracts. road or road maintenance or any other road works.

**2.6 Organization, methodology and planning:**

The BIDDER must present in his tender, on pain of elimination, a technical note showing his understanding of the planned operations and a schedule of work organization.

2.7 List of ongoing projects with their execution rate.

**Volume 3: Parts constituting the financial offer**

3.1 A stamped paper submission, as per the attached template (Exhibit 10.1), signed and dated;  
3.2 The price schedule (Exhibit 6) according to the model and indicating the prices excluding VAT in figures and in letters, filled in a legible manner;

3.3 The quantitative and estimated detail of the work (Exhibit 7);

3.4 The price details (Exhibit 9.9). and the decomposition of fixed prices and construction costs.

NB: All the pieces of the initialed financial offer, in addition to the last pages must be signed, sealed and dated.

Price and tender currency

7 Market prices are firm and non-revisable.

8 The amount of the bid is denominated entirely in national currency (CFA franc).

Preparation and submission of BIDS

9 **Period of validity of tenders:**

- (a) BIDDERS remain bound by their offer for a period of ninety (90) days from the closing date for the submission of tenders, during which time the Contracting Authority will notify the firms selected
- (b) In exceptional circumstances, before the expiry of the initial period of validity of tenders, the Contracting Authority may request bidders to extend the period of validity for an additional period of time. The request and answers must be in writing. A Bidder may refuse to extend the validity of its bid without losing the bid bond. The Bidder who agrees to extend the period of validity of its bid may not modify its bid, but must extend the period



	of validity of the Bid Deposit accordingly, in accordance with the provisions of Article 17 of the General Agreement.
10	<p><b>Amount of the bid bond:</b></p> <ol style="list-style-type: none"> <li>1) Pursuant to Article 6 of the RPAO, the Bidder will provide, a bid bond, the amount specified in the Tender Notice, which will form an integral part of its bid.</li> <li>2) The bid bond will conform to the template presented in the Tender Documents. The Submission Security will remain valid for thirty (30) days beyond the original initial date of validity of the offers, or any new expiry date requested by the Employer and accepted by the Bidder, in accordance with the provisions of Article 16.2 of the SPECIAL REGULATION.</li> <li>3) Any bid not accompanied by an acceptable Bid Deposit will be rejected by the relevant Ministerial Procurement Commission as non-compliant. The Bid Deposit of a group of companies must be established in the name of a member of the group submitting the bid.</li> <li>4) Bid Cautions and bids from unsuccessful bidders will be returned within fifteen (15) days after the publication of the result of the award, with the exception of the copy intended for the organization responsible for the regulation of public markets. Tenders not withdrawn within this period are destroyed, without there being grounds for complaint.</li> <li>5) The Bid Deposit of the successful tenderer will be released as soon as the latter has signed the contract and provided the required Final Bond.</li> <li>6) The Submission Security may be seized: <ol style="list-style-type: none"> <li>(a) if the Bidder withdraws its bid during the period of validity, except in the case referred to in Article 24.2 of the RGAO</li> <li>(b) if, within the time limits provided for in Article 37 of the GMA, the successful tenderer fails to: <ol style="list-style-type: none"> <li>i. to sign the contract, or</li> <li>ii. to provide the required Final Bond.</li> </ol> </li> </ol> </li> </ol>
11	<p><b>Number of copies of the offer that must be completed and submitted:</b></p> <ol style="list-style-type: none"> <li>1) The Bidder shall prepare an original of the documents constituting the offer in one (01) copy (for each of the three volumes) clearly marked "ORIGINAL". In addition, the Bidder will submit six (06) copies (for each of the three volumes) marked "COPY". In the event of any discrepancy between the original and the copies, the original will prevail.</li> <li>2) The submission of tenders must take into account the principle of separation of administrative documents (volume 1) from the technical tender (volume 2) and the financial tender (volume 3).</li> </ol> <p>Address of the Owner to use for sending the offers: The tenders will be deposited against receipt under closed envelopes, in the services of the Client, in particular to the C hall of SDO, located in Mbengwi (to give a very precise localization of the place). Tenders must bear the following words:</p> <p style="text-align: center;"> <b>« OPEN NATIONAL INVITATION TO TENDER N° 02 /ONIT/ NW06/DTB / 2025 OF 24/04/2025 FOR THE CONSTRUCTION/RECONSTRUCTION OF A COLLAPSED STRUCTURE IN MOMO DIVISION. (CONSTRUCTION OF MAIN BRIDGE IN ANDEK TOWN OF 18M SPAN OVER RIVER FEG IN NGIE SUBDIVISION) NORTH WEST REGION»</b>  <b>FUNDING: PIBMINTP-2025</b>  <b>To be opened only during the bid-opening session ».</b> </p>
12	<p><b>Deadline and deadline for submission of tenders:</b> Tenders will be submitted by _____ (date of submission of tenders) at _____.</p> <p><b>Place, date and time of the opening of the BIDS:</b> The opening of tenders will take place on 16/05/2025 as early as 11:00am in the Conference room AT THE SENIOR DIVISIONALS OFFICE (S.D.O) MOMO. All bidders may attend this opening session or be represented by a single duly mandated person (even in case of consortium) of their choice with a perfect knowledge of the file.</p> <p><b>Evaluation and comparison of offers</b></p>
13	<p>Currency retained for conversion into a single currency: CFA franc Source of exchange rate: The Bank of Central African States (BEAC).</p> <ol style="list-style-type: none"> <li>1) Before conducting the detailed evaluation of the tenders, the Ministerial Procurement Commission will verify that each tender essentially conforms to the conditions set out in the Tender Documents.</li> <li>2) A bid that is substantially in line with the Tender File is an offer that meets all the terms, conditions, and specifications of the Bidding Documents, without any significant discrepancies or reservations. A major divergence or reservation is that which: <ol style="list-style-type: none"> <li>(i) significantly affect the scope, quality or performance of the Work;</li> <li>(ii) substantially limits, in contradiction with the Tender Documents, the Owner's rights or the Administration's obligations under the Contract; or</li> </ol> </li> </ol>

Document No. 4:  
SPECIAL ADMINISTRATIVE  
CONDITIONS (SAC)



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## Chapter I General

### Article 1: Subject of tender

The Senior Divisional Officer Momo (S.D.O), contracting authority, launches on behalf of the Republic of Cameroon, an Open National Invitation to Tender **for the Construction/Reconstruction of a Collapsed Structure in Momo Division. (Construction Of Main Bridge in Andek Town of 18m Span Over River Feg in Ngie Subdivision) North West Region**

### Article 2: Award procedure

This contract shall be awarded through OPEN NATIONAL INVITATION TO TENDER  
N° 02/ONIT/ NW06/DTB/2025 OF 24/04/2025

**FOR THE CONSTRUCTION/RECONSTRUCTION OF A COLLAPSED STRUCTURE IN MOMO DIVISION. (CONSTRUCTION OF MAIN BRIDGE IN ANDEK TOWN OF 18M SPAN OVER RIVER FEG IN NGIE SUBDIVISION) NORTH WEST REGION**

### Article 3: Definitions and duties

#### 1 General definitions:

- The Contracting Authority shall be **SENIOR DIVISIONAL OFFICER (S.D.O)**; He is the signatory and ensures the proper functioning. He ensures the preservation of originals of contract documents and the transmission of copies to ARMP through the focal point designated to this effect,
- The Project owner shall be **the DIVISIONAL DELEGATE OF PUBLIC WORKS,**
- The Contract Manager shall be **THE SUPPORT STAFF N°. 1 AT THE DIVISIONAL DELEGATION OF PUBLIC WORKS MOMO** herein after referred to as the Contract Manager. He ensures the respect of the administrative, technical, financial conditions and contractual time-limits.
- The Contract Engineer shall be **THE CHIEF OF TECHNICAL SERVICE OF PUBLIC WORK MOMO,** hereinafter referred to as the Engineer.
- The project manager shall be **STUDY ENGINEER AT THE DIVISIONAL DELEGATION.** The authority in charge with the external control of the execution of the contract shall be **the Divisional Delegate OF Public Contracts MOMO,**
- The ACCOUNTANT in charge with the payments is the **DIVISIONAL TREASURER FOR MOMO.**
- The contractor is \_\_\_\_\_,
- The competent tender's board is the **MOMO DIVISIONAL TENDER BOARD**

#### 3.1: - SECURITY

The collateral is subject to the rules applicable in this matter to government procurement, including Article 150 of Decree No. 2018/366 of 20 June 2018 on the PUBLIC CONTRACT CODE.

With a view to applying the system of collateral instituted by the abovementioned decree, are defined as:

- the contracting authority: **the s**
- Authority responsible for the liquidation of expenses for monthly accounts: **THE MAYOR WIDIKUM BOFFE COUNCIL**

The authority in charge of the clearance of expenditure the DCF MOMO;

The authority in charge of the ordering of payments: **THE DIVISIONAL DELEGATION OF PUBLIC WORKS;**

- - The paying agency is the **DIVISIONAL TREASURY MOMO;**
- - Officials competent to provide the information within the context of execution: **DIVISIONAL DELEGATION OF PUBLIC WORKS / CST/DD MINTP MOMO;**
- 

The collateral is subject to the rules applicable in this matter to the Public Contract Code of the State.

#### 3.3: - RESPONSIBILITIES OF THE PROJECT ENGINEER



The Project ENGINEER is responsible for having the work EXECUTED satisfactorily by the contractual provisions and the TECHNICAL SPECIFICATIONS of the WORKS.

It may not relieve the contractor of any of its contractual obligations, nor (except as expressly stipulated below) order any work likely to delay the execution of the works or to provoke an additional payment by the Contracting Authority, nor order any significant modification to the work to be performed. The Project ENGINEER is competent to prepare and sign technical service orders.

At the request of the CONTRACTOR or the Project ENGINEER contradictory findings may be made to fix the quantities of certain works. Such contradictory findings will be made when a work may no longer be measurable.

#### **Article 4: Language, applicable law and regulation (GAC supplemented)**

1. The language to be used shall be *[English and/or French]*.
2. The CONTRACTOR shall be bound to observe the law, regulations and ordinances in force in the Republic of Cameroon and this both within his own organization and in the execution of the contract.

If in Cameroon, the regulations, laws and administrative and fiscal measures 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**

The constituent contractual documents of this contract are in order of priority

5.1 The CONTRACTOR's bid and its annexes in all provisions not contrary to the Special Administrative Conditions (GAC) and the Special Technical Conditions (STC) referred to above;

5.2 the contract contents the following:

- The Special Administrative Conditions (SAC);
- The Technical Specifications (TS);
- The particular elements necessary for the determination of the contract price, such as, in order

of priority: the statement of all-in prices, detailed estimates,

5.3 the unit price schedule, the breakdown of all-in prices and the sub-details of unit prices,

5.4 the tender file;

5.5 the updated and approved planning of works,

5.6 The approved execution plan

5.7 The General Administrative Conditions (GAC) applicable to supplies contracts as put in force by Decree No. 033 of 13 February 2007;

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

This contract shall be governed by the following general instruments:

In the case that is not contrary to the provisions of this contract, the other party remains subject to the general texts hereafter:

6.1. Law No. 92/007 of 14 August 1992 on the Labor Code;

6.2. Law No. 96/07 of 8 April 1996 on the protection of the modified road assets and supplemented by the laws n° 98/011 of July 14, 1998 and 2004/021 of July 22, 2004;

6.3. framework law N° 096/12 of 05 August 1996 on a framework law on environmental management;

6.4. the law n° 2000/10 of July 13<sup>th</sup>, 2000 fixing the organization and the modalities of the exercise of the profession of Engineer of the Civil Engineering;

6.5. Law No. 001 of 16 April 2001 on the Mining Code, and implemented by Decree No. 2002/048 / PM of 26 March 2002;

6.6. Law No. 2007/006 of 26 December 2007 on the Financial Regime of the State;

6.7. Law No. 2017/021 of 20 December 2017 on the Budget Law of the Republic of Cameroon for the 2018 Financial Year;

6.8. Ordinance N° 2018/001 of 09 April 2018 amending and supplementing certain provisions of Law N° 2017/021 of 20 December 2017 on the Finance Law of the Republic of Cameroon for the financial year 2018;

6.9. Ordinance N° 2018/002 of 04 June 2018 amending and supplementing certain provisions of Law N° 2017/021 of 20 December 2017 on the Finance Law of the Republic of Cameroon for the financial year 2018;



- 6.10. The Mining Code
- 6.11. Decree No. 2001/048 of 23 February 2001, on the organization and functioning of the Public Procurement Regulatory Agency (ARMP);
- 6.12. Decree No. 2003/651 / PM of 16 April 2003 laying down the procedures for the application of the tax and customs regime for Government Procurement;
- 6.13. Decree No. 2005/577 of 23 February 2005 laying down the procedures for carrying out environmental impact studies;
- 6.14. Decree No. 2008/376 of 12 November 2008 on the administrative organization of the Republic of Cameroon;
- 6.15. Decree No. 2011/408 of 9 December 2011 on the organization of the Government;
- 6.16. Decree N ° 2012/075 of the 08/03/2012 leading organization of the Ministry of Public Procurement;
- 6.17. Decree N ° 2012/076 of 08/03/2012 amending and supplementing certain provisions of Decree N ° 2001/048 of 23 February 2001 on the creation, organization and functioning of the Agency for the Regulation of Public Procurement;
- 6.18. Decree N ° 2013/271 of 05 August 2013 amending and supplementing certain provisions of Decree N ° 2012/074 of 08 March 2012 on the creation, organization and functioning of Procurement Commissions;
- 6.19. Decree No. 2013/334 of 13 September 2013 on the organization of the Ministry of Public Works;
- 6.20. Decree No. 2014/0611 / PM of 24 March 2014, setting the conditions for the recourse and application of labor-based approaches;
- 6.21. Decree No. 2018/190 of March 02, 2018 amending and supplementing certain provisions of Decree No. 2011/408 of December 9, 2011 on the organization of the Government;
- 6.22. Decree No. 2018/1991 of 02 March 2018 on the redevelopment of the Government;
- 6.23. Decree No. 2018/366 of 20 June 2018 on the Public Procurement Code;
- 6.24. Law N ° 2004/017 of 22 July 2004 on the orientation of Decentralization;
- 6.25. Law N ° 2004/018 laying down the general rules applicable to the municipalities;
- 6.26. Order No. 093 / CAB / PM of 5 November 2002 fixing the amounts of the bid bond and the cost of purchasing the Bidding Documents;
- 6.27. Order No. 070 / MINEP of April 20, 2005 setting out the different categories of operations whose realization is subject to the environmental impact study;
- 6.28. Order No. 033 / CAB / PM of 13 February 2007 putting into effect the General Conditions of Contract (CCAG) applicable to public contracts;
- 6.29. Order No. 07 / MINTP of 16 October 2012, containing terms and conditions specifying the technical conditions and procedures for the exercise of powers transferred by the State to the Communes in the field of road maintenance work;
- 6.30. Circular No. 004 / CAB / PM of 30 December 2005 on the application of the Public Procurement Code;
- 6.31. Circular No. 003 / CAB / PM of 18 April 2008 on compliance with the rules governing the award, execution and control of public contracts;
- 6.32. Circular No. 002 / CAB / PM of 31 January 2011 on improving the performance of the Public Procurement system;
- 6.33. Circular No. 003 / CAB / PM of January 31, 2011 specifying how to manage changes in the economic conditions of public markets;
- 6.34. Circular No. 001 / CAB / PR of 19 June 2012 on the awarding and control of the execution of public contracts;
- 6.35. Circular N ° 001 / C / MINFI of January 2<sup>nd</sup>, 2018 concerning the execution of the financial laws, the follow-up and the control of the execution of the Budget of the State, the Enterprises and Public Institutions, the local authorities decentralized and other funded agencies for FY 2018;
- 6.36. Circular-letter No. 0005 / LC / MINMAP / CAB of July 3, 2018 specifying the transitional measures to be observed following the signature and publication of Decree No. 2018/366 of June 20, 2018 on the Public Procurement Code;
- 6.37. Letter No. 00908 / MINTP / DR dated 1997 from the Ministry of Public Works issuing guidelines for the consideration of environmental impacts in road maintenance;
- 6.38. the technical standards in force in Cameroon;



21.4.1 Pursuant to the provisions of Article 47 of Decree No. 2018/366 of 20 June 2018 establishing the Public CONTRACT Code, a copy of the provisional and final BILLS will be sent to the Minister for PUBLIC Contracts. Only the final BILL will be subject to the approval of the DIVISIONAL Delegate of Public CONTRACT territorially competent, before its transmission to the Paying Agency.

**Article 22: Interest on overdue payments**

Any default interest is paid by statement of the sums due in accordance with the provisions of Articles 166 and 167 of Decree No. 2018/366 of 20 June 2018 on the Public CONTRACT Code.

**Article 23: Penalties for delays**

**23.1 Penalties for delay of work:**

23.1.1 If the other party fails to have completed all the works within the specified time, it will be applied, after prior notice, penalties of delay in accordance with the provisions of Article 168 of Decree No. 2018 / 366 of June 20, 2018 relating to the Public CONTRACT Code :

- 1 / 2000<sup>th</sup> of the total amount of the Contract per calendar day of delay from the first (1<sup>st</sup>) to the thirtieth (30<sup>th</sup>) day.

- 1 / 1000<sup>th</sup> of the total amount of the Contract per calendar day of delay beyond the thirtieth (30<sup>th</sup>) day.

In the event of an extension of time by the Employer at the request of the company, except in cases of force majeure, expenses relating to the services of the Control Mission will be borne by the company.

**23.2 Penalty for late delivery of contractual documents:**

- THE CONTRACTOR representative: 3,000F / day late beyond fifteen (15) days from the date of notification of the start-up service order;

- Co-contractor's home address: 3,000F / day late beyond fifteen (15) days from the date of notification of the start-up service order;

- Staff and Equipment List: 5,000F / d over fifteen (15) days from the date of notification of the start-up service order;

- Insurances: 5000F / day late beyond fifteen (15) days from notification of the Seed Service Order.

- Final Bond: 5,000F / d over twenty (20) days from notification of the Seed Service Order;

- Execution Program: 15,000F / d over thirty (30) days from the notification of the start-up service order.

**23.3 Penalties for failure to perform:**

- No filling of the construction log found during visits: 3 000F / visit

- Unavailability of the site log during visits: 5,000 / visit.

23.4 Cumulative penalties may not exceed ten per cent (10%) of the TTC amount of the contract In accordance with Article 169 of Decree No. 2018/366 of 20 June 2018 on the Public CONTRACT Code.

23.5 A rate greater than ten percent (10%) may result in the termination of the contract In accordance with Article 182 of Decree No. 2018/366 of 20 June 2018 on the Public CONTRACT Code.

23.6 It is the responsibility of the Co-contractor to collect, as and when the works are carried out, the supporting documents of a possible file for the submission of penalties.



23.7 The delivery of penalties may be pronounced by the PROJECT OWNER only after 47avourable opinion of the Government CONTRACT Regulatory Agency.

23.8 No bonus is provided in case of advance on the contractual period.

#### **ARTICLE 24 REGULATION IN THE CASE OF A GROUPING**

24.1 Direct payments from contractors are envisaged provided that the agent or the contracting party has agreed to the amounts to be paid in this way.

#### **ARTICLE 25 FINAL BILLS**

After completion of the work and within a maximum of 45 days after the date of provisional acceptance, the CONTRACTOR will establish on the basis of conflicting findings, the draft final BILLS of the work actually EXECUTED, which summarizes the total amount of sums he can claim from does the work as a whole.

The final draft bill is presented by the CONTRACTR to the verification of the project manager, the engineer's visa, the Chief of Service's visa and the approval of the contracting authority.

This final draft bill, once accepted or rectified by the CONTRACT MANAGER becomes final settlement. It is used for the establishment of the deposit for balance of the CONTRACT, established under the same conditions as those defined above for the establishment of monthly statements.

#### **ARTICLE 26 GENERAL AND DEFINITIVE BILLS**

26.1 The general and final BILLS at the end of the contract will be signed by the PROJECT OWNER.

26.2 After the acceptance of the works, the Project ENGINEER draws up the general and definitive BILLS of the contract, which is signed by the Contractor on the one hand, the Engineer, the CONTRACTMANAGER and the PROJECT OWNER.

This count includes:

- the final BILL,
- the deposit for balance,
- the summary of the DISCOUNTS.

The amount of the general count is equal to the result of this last recapitulation.

26.2 The signature of the general and definitive BILLS without reservation by the CONTRACTOR, binds the parties definitively and terminates the contract, except with regard to default interest, possibly the revision or discounting of the prices, which are settled by the Member States. Dues, not included in the amount of the contract.

#### **ARTICLE 27: - TAX AND CUSTOMS REGIME**

27.1 This contract is subject, in the field of taxation, to the regulations in force in the Republic of Cameroon.

27.2 This contract is concluded inclusive of all taxes, in accordance with the decree n ° 2003/651 / PM of April 16<sup>th</sup>, 2003 fixing the modalities of application of the fiscal and customs regime of the public CONTRACTS.

## **ARTICLE 28: - Stamp duty and registration of contracts**

28.1 Seven (7) original copies of this contract shall be stamped and registered by the care and expense of the CONTRACTOR, in accordance with the regulations in force.

28.2 After registration, it will be returned to the PROJECT Owner, five (05) original copies for ventilation

28.3 Failure to register within the prescribed deadlines will result in penalties provided for by the General Tax Code.

## **Chapter III Execution of services**

### **Article 29: Time limit of the contract**

29.1 This deadline of this contract shall run from the date of notification of the Administrative Order to start execution and is of \_\_\_\_\_ calendar months

### **Article 30: Role and responsibilities of the contractor**

30.1 The CONTRACTOR acknowledges having read and verified the volume and nature of the work to be EXECUTED. It cannot claim any omission or underestimation of the CONTRACT to make claims of any nature whatsoever.

30.2 The contractor shall be held responsible for any damage to the road, residents or vehicles resulting from the use of working methods that do not comply with this contract, in particular the use of fire for weeding of any nature whatsoever is formally prohibited.

30.3 The CONTRACTOR is obliged to set up a specific signage for any obstacle created on the day carriage because of the work (temporary deposit of materials before loading). It is strictly forbidden to leave a night obstacle on pavement and paved shoulders, even if reported. Failure to comply with these safety rules will result in penalties as defined in section 14 of this SCC.

30.4 The CONTRACTOR must comply with the environmental protection regulations in force in the Republic of Cameroon, and in particular the framework law n ° 096/12 of 05 August 1996 on the management of the environment and the letter n ° 00908 / MINTP / DR dated 1997 of the Minister of Public Works publishing the Guidelines for the consideration of environmental impacts in road maintenance. In particular, he must comply with the CPT's requirements in this respect.

30.5 The CONTRACTOR may not evade the confirmation decided by the PROJECT OWNER without breaking the market due to his wrongdoing and subjecting himself to the sanctions provided for by the regulations in force.

## **ARTICLE 32: - INSURANCE OF WORKS AND CIVIL RESPONSIBILITIES**

32.1 The CONTRACTOR must prove that he holds a "civil liability" insurance policy, for damages of any kind caused to third parties:

- (a) by his salaried staff working at work;
- (b) by the equipment he uses;
- c) because of the work.

32.2 In addition, the site must be covered for all the work of an "all risk building site" insurance issued by a company approved by the competent authority. The costs inherent in this insurance are borne by the CONTRACTOR.



32.3 No regulations except the start-up loan shall be made without presentation of a certificate from one company proving that the CONTRACTOR has paid in full the premiums or contributions relating to the works concerned.

32.4 The CONTRACTOR shall have a period of fifteen (15) days from the date of notification of the service order to commence work to present a certificate from an insurance company proving that it has been fully paid premiums or contributions relating to the work for this contract. After this period, the contract may be terminated.

### **ARTICLE 33: - CONSISTENCY OF WORK**

33.1 The works are defined in the CPT, the price schedule and the estimated detail and generally include:

#### **SERIE 000: INSTALLATIONS**

Site Installation

Bring & Folding of Equipment

Project Launching and sensitization

#### **SERIE 100: CLEANING AND EARTH MOVEMENTS**

Clearing of Vegetation

Ordinary cut and throw

Lateritic fill from borrow pit

Construction of the Platform

Grading/Compaction

Creations of earth ditches and divergents with grader

Wearing Course in Lateritic Gravel

Bulldozing

33.2 Services not provided for, due to accidents or whose complexity requires means not defined in the above documents will be performed by the company at the express request of the PROJECT OWNER by order of service. Any service EXECUTED without an order for service will not be paid by the PROJECT OWNER.

33.3 Prior to the commencement of all work, the contractor and the Project Manager shall proceed to a measure of the length of the lot and an identification of the work with marking on the roadway every hundred (100) meters. This will be the subject of a report signed by both parties.

33.4 Environmental protection

The CONTRACTOR will be required to comply with the laws governing the protection of the environment in force in the Republic of Cameroon and in particular the law n ° 096/12 of 05 August 1996 on the framework law on the management of the environment and the Letter No. 00908 / MINTP / DR dated 1997 from the Minister of Public Works publishing the Guidelines for the consideration of environmental impacts in road maintenance.

In particular, he must comply with the provisions of the CCTP (chapter V) in this respect.

### **ARTICLE 34: - DOCUMENTS TO BE PROVIDED BY THE COCONTRACTOR**

#### **34.1 WORK EXECUTION PROGRAMME**

34.1.1 Within a period of five (05) days from the notification of the service order to start the work of each pass, the CONTRACTOR will submit to the validation of the CONTRACT Engineer, after approval of the Project Manager, and in six (06) copies a execution PROGRAMME of the works

after a detailed visit of the site, accompanied by the Project Manager. The project manager has two (02) DAYS for the visa or rejection of the project, the CONTRACT Engineer also has three (03) days for validation or rejection. The rejects should focus on the corrections to the execution PROGRAMME to be unique at each level of validation.

34.1.2 This execution PROGRAMME will include:

- The CV of the Site ENGINEER and the copy of his diploma;
- The organization of the company to carry out the work of each workshop;
- The quantitative survey and the location of all the essential tasks to be EXECUTED, so as to obtain a better level of service and good visibility after the works;
- A temporary signage plan for the site during the execution of the work.

## **ARTICLE 35: - ORGANIZATION AND SAFETY OF SITE**

### **35.1 SECURITY OF WORKSITE**

#### **35.1.1 Construction Identification Signs**

The identification or WORKS announcement signs will be placed at the beginning and at the end of each section, and must be put in place within a maximum of one month after the service order to start the work.

#### **35.1.2 Signalisation of work**

35.1.2.1 The work SIGNALISATION shall be in accordance with the temporary signalling plan validated in the execution PROGRAMME. It is carried out under the control of the Project Manager by the contractor, the latter having to support the supply and installation of signs and signalling devices, unless otherwise stipulated in the contract.

35.1.2.2 The contractor shall be personally liable for all direct or indirect consequences of a lack of signalling or the maintenance of temporary structures necessary for the maintenance of traffic.

35.1.2.3 All costs incurred by site-specific road signs are the responsibility of the Contractor. The latter will remain alone and fully responsible for all accidents or damage caused to third parties, during the execution of the work due to his equipment or errors and omissions concerning the signalling.

#### **35.1.3 Night work, holidays and Sundays.**

The works cannot continue neither at night, nor on Sundays, nor holidays without the prior written authorization of the CONTRACT Engineer.

## **ARTICLE 37: - SUBCONTRACTING**

It is not allowed to use subcontracting.

## **Chapter IV : Acceptance**

### **Article 41: Provisionnel acceptance**

## **ARTICLE 41: - ACCEPTANCE**

The provisional acceptance of the works will be granted at the end of the execution of these works.

### **41.1- OPERATIONS PRIOR TO ACCEPTANCE**



41.1.1 At the end of the works, the CONTRACTOR will make the request in writing to the Project ENGINEER with a copy to the CONTRACT MANAGER.

41.1.2 Within a period of seven (07) days from the date of submission of the request for acceptance, a prior visit will be organized by the Project Manager, with the participation of the CONTRACT Engineer, in the presence of the contractor.

This visit includes among other things:

- the qualitative and quantitative recognition of the work carried out;
- the possible finding of non-performance of the services provided for in the contract;
- the findings relating to the completion of the works;
- The route diagram of the executed works.

41.1.2 These operations are the subject of a report drawn up on the spot and signed by the Engineer, the Project Manager and countersigned by the contractor.

41.1.3 At the end of this pre-acceptance inspection, the Project Manager may specify the reserves to be lifted and the corresponding works to be carried out before the provisional acceptance date that the CONTRACT MANAGER will fix in agreement with the Engineer and the Contractor. Project manager.

#### **41.2- ACCEPTANCE COMMISSION**

41.2.1 The ACCEPTANCE commission shall consist of the following members:

1. The CONTRACTING AUTHORITY or his representative: President;
2. The CONTRACT MANAGER, Member;
3. The CONTRACT Engineer, Rapporteur;
4. The DIVISIONAL Delegate of MINMAP or his representative, Observer.

41.2.3 The aforementioned members and the contractor are summoned, by mail from the CONTRACT MANAGER, with a copy to the Representative of the PROJECT OWNER, to take part in the ACCEPTANCE VISIT, at least seven (07) days before the date of the ACCEPTANCE.

The absence of the CONTRACTOR is equivalent to the unreserved acceptance of the conclusions of the commission of receipt.

41.2.4 The Commission, under the direction of the President, after visiting the site, examines the report or the minutes of the operations prior to the reception and pronounces or not the provisional acceptance of the works.

This will be the subject of the minutes of provisional acceptance signed forthwith by all present members of the commission.

41.2.5 The provisional acceptance report shall fix the date of completion of the work.

41.2.6 In the event that the works cannot be received, notification is made to the contractor, by way of service order signed by the PROJECT OWNER, omissions, imperfections or defects noted that make it impossible to receive. This Service Order gives notice to the contractor to complete the incomplete works or to remedy imperfections and defects in a specified period, without prejudice to the application of the provisions of Article 77 of the GCC.

When the contractor considers that the works are completed, he must again ask the PROJECT MANAGER, provisional acceptance. After the period indicated in the service order, the CONTRACT MANAGER may have another contractor perform, in accordance with the regulations in force, the execution of the necessary works, the damages, costs, risks and perils of the CONTRACTOR.

41.2.7 If the ACCEPTANCE Committee does not meet within fifteen (15) days of the favorable report



prior to receipt, the CONTRACTOR cannot be held responsible for the consequences of this delay on the quality of the work EXECUTED.

41.2.8 At the end and after the acceptance of the works, the CONTRACT MANAGER will deliver to the CONTRACTOR, at his request, the certificate of completion.

#### **ARTICLE 42: - DOCUMENTS TO BE PROVIDED**

A SITE logbook will be kept by the Contractor and made available to the Project Manager and his representatives.

The CONTRACTOR may record incidents or observations that may give rise to a claim on its part.

The SITE logbook will be signed by both the Project Manager and the Site FOREMAN at each site visit.

For any claims of the CONTRACTOR, only events or documents mentioned in due time may be reported to the SITE logbook.

#### **ARTICLE 43: - WARRANTY PERIOD AND MAINTENANCE DURING THE GUARANTEE PERIOD**

##### **43.1 Guarantee period**

The period of guarantee is one year at from the date of provisional acceptance and concern only the hydraulic structures put in place.

##### **43.2 Maintenance during guarantee period on hydraulic structures.**

#### **Article 44: Final acceptance**

The procedure is the same as that of the provisional acceptance of works, after expiration of the period of guarantee. The acceptance commission will make sure the hydraulic structure continue to function well.

### **Chapter V**

#### **SUNDRY PROVISIONS**

##### **Article 45: Termination of the contract**

The contract may be terminated ipso jure by the Contracting Authority, as provided for in Title V, Chapter I, Section II, Sub-Section I of Decree No. 2018/366 of June 20, 2018 relating to the Public CONTRACT Code and also in the conditions set out in sections 74, 75 and 76 of the TS (Works), including any of the following:

- death of the contractor. In this case, the PROJECT OWNER may, if necessary, authorize the acceptance of the proposals submitted by the rights holders for the continuation of the services;
- bankruptcy of the holder of the contract. In this case, the PROJECT OWNER may accept, if applicable, proposals that may be submitted by the creditors for the continuation of the services;
- judicial liquidation, if the co-contractor of the Administration is not authorized by the court to continue the operation of his business;
- in the case of subcontracting, subcontracting or subcommand without prior authorization from the Contracting Authority or the Delegated Contracting Authority;
- failure of the Administration's co-contractor duly noted and notified to the latter by the Contracting Authority to the Delegated Contracting Authority;
- non-compliance with labour legislation or regulations;
- significant variation in prices under the conditions defined by the general administrative clauses, following the modification of the economic conditions or the initial quantities of the contract;
- fraudulent manoeuvres and corruption duly noted.
- The contract may also be terminated in the following cases:
  - Delay of more than thirty (30) calendar days in the execution of a service order or unjustified termination of the work of more than seven (07) calendar days;
  - Accumulated penalties exceeding 10% of the T.T.C. amount of works;
  - Refusal of resumption of poorly executed work;



- Failure of the contracting partner.

**Article 46: Case of force majeure**

46.1 Cases of force majeure shall be recorded in accordance with the provisions of Section 75 of the GCC.

46.2 It is the responsibility of the Contracting Authority to assess the nature of force majeure and the evidence provided by the CONTRACTOR.

**Article 47: Disagreements and disputes**

Any dispute or dispute arising between the contracting parties shall be the subject of an attempt at a friendly settlement.

In the absence of amicable settlement, any dispute arising from the contract will be brought before the competent Cameroonian jurisdiction, in accordance with the provisions of Article 187 of Decree No. 2018/366 of 20 June 2018 on the PUBLIC CONTRACT CODE.

**Article 48: Production and dissemination of this contract**

48.1 The drafting and formatting of the documents constituting the contract is done by the PROJECT OWNER.

48.2 The edition of this contract, in twenty (20) copies subscribed, is the responsibility of the PROJECT OWNER.

**Article 49 and last: Entry into force of the contract**

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

The means of compaction that the contractor intends to use must be adapted to the different natures of earth found during earth movements. Works can only begin once the contractor must have brought on the site all the necessary equipment for the execution of task at hand. A new layer can only be executed after the preceding layer has been accepted by the project manager after verification of the compactness. This compactness should be at least greater than the agreed minimum from laboratory testing.

The optimum water content for compaction termed OPM is computed in the lab and the in situ material should be brought to the required OPM water content ( $\pm 2\%$ ) by watering or by drying by scarification.

The fill is methodically compacted till obtaining 95% OPM at 30cm beneath the surface.

The verification of the compactness is done using a membrane densitometer for each layer of fill. A measure should be done every 1000m<sup>2</sup>.

Drill tests will be realised to determine the number of passages by the compactor to obtain the required compactness.

### **Grading compaction**

This task is executed on platforms which are still stable but whose surface present some deformations.

It does not include the creation of gutters and offshoots.

This task consists in the elimination of free and non-cohesive materials.

The scarification of the surface to a depth between 10cm and 20cm and eventually up till the bottom of gullies.

After scarification the surface is watered, mixed, graded, and compacted till obtaining the proper drainage profile.

The obtained profile is first compacted with a vibrating roller compactor (at least an equipment of Class V2 minimum) for the initial passes and then with a heavy tire compactor (class P2 equipment minimum). The use of mouton compactor is forbidden for this task.

Small surfaces which cannot be compacted with the above methods can be compacted using small vibrating cylinders or manual vibrating plates.

The equipment used for this task must be approved by the project manager.

The compaction will be function of the type of material. The required number of passages for proper compaction will be determined by drill tests on homogenous areas (class PQ2 equipment minimum).

The in-situ density will be measured every 200m and compared to the reference proctor density which will be determined from test samples collected every 5km or at every notable change on the nature of the soil. The compactness will be deemed satisfactory if it reaches 95% of the Modified Proctor density.

The transversal grade will be controlled either with a water level, a template form or a level.

The profile of the platform after construction should not deviate from the template form by more than 2cm.

### **Wearing course**

The task is executed after the task: construction of the platform.

The characteristics of the material to be used as wearing course are as follows:

- |                          |                              |
|--------------------------|------------------------------|
| • Maximum size of grains | D max = 31,5 mm              |
| • Plastic Index          | IP < 25                      |
| • % passing thru 10mm    | 65 à 100                     |
| • % passing thru 5mm     | 45 à 85                      |
| • passing thru 2mm       | 30 à 38                      |
| • % of fines             | f < 30                       |
| • Max dry density        | $\gamma_d$ max > 1,8 tonnes. |



- CBR >30

Every 1000m<sup>3</sup> of wearing course, the following test must be done :

- 2 Atterberg limits,
- 2 granulometric analysis,
- 2 Modified proctor test
- 1 CBR test.

All materials which have fail the test must be immediately evacuated from the project site.

The wearing course will be placed on a mean road wideness of 6m and must conform to the prescribes shape profile for the given section and will have a thickness of 15cm measure after compacting.

During the execution, the material used must be brought to the Optimum Modified Proctor water content ( $\pm 2\%$ ). That is by watering of the material is too dry or scarifying and spreading if the material is too wet.

The compaction of the wearing course will be deemed satisfactory if the density measured in-situ gives a value at least equal to 95% of the Modified Proctor Density for at least 90% of the tested samples.

Drill tests will be carried out to determine the required number of passes with a roller compactor to obtain these results.

One density measurement will be done every 200m with a membrane densitometer.

The thickness of the wearing course will be measured every 500m. no thickness smaller than the required standard will be tolerated.

All the necessary tests are done at the expense of the contractor. The contractor could use her own equipment or contract the services of an authorized laboratory.

In cases where, for a given road section, 20% of the results fail the test then the works must be redone.

In cases where, for a given section, the measured wearing course thickness is less than 15cm, then the surface must be re-scarified, additional material brought in and compacted up till the required compactness

#### **Setting-out tolerances**

The tolerances for the setting out of the culvert is as follows:

- 5cm for level
- 10cm for plan

Furthermore, the offset between neighbouring elements should not be more than 10mm

### **A.4. MATERIALS CONSTITUTING THE CONCRETE**

#### **A.4.1 Aggregates.**

All aggregate sites will be stored in compartments designed to this effect. Only aggregate authorized on the site are the following;

- 0/5 Crushed gravel
- Crushed gravel 5/15
- Crushed gravel 15/25
- Natural sand or crushing /5 (proportion of items retained on the sieve of 5mm must be less than 10%)

#### **A.4.2. Gravel**

They shall be obtained from a variety of quarries including river deposits, manual or machine crushed, chosen by the Contractor and approved by the Supervisor. They should be clean



(constituents eliminated through settling should be less than 2%) and their grading will be 5 to 15mm and 15 to 25mm suited to various use. If deemed necessary, it shall be washed before use. Gravel particles of less 5mm retained in each of the above grades should not exceed 10% by weight.

Gravel shall be free from dirt, clay or any organic matter which should be less than 1.5% and if deemed necessary, it should be washed before use as indicated by the supervisor.

#### **A.4.4. Sands**

Sands will have the characteristics specified in the tables relating to the type-approval tests. Sands will be fine, granular and crunching on hand, not sticking. They will get rid of any part earthy or limestone, of various waste, debris and wood.

The nature and origin of sand remains a subject to the controller's approval. The sand component should be more than 75% and the very fine constituents eliminated by settling should be less than 5%. The sand should pass a standard sieve and must be of high quality and free from dirt, clay or any organic matter and if deemed necessary, it should be washed before use.

➤ For mortar mixes the recommended standard sieve size is 2 to 2.8mm

➤ For plaster mortar mixes the recommended standard sieve size is 2mm □ For mass concrete mixes the recommended standard sieve is 5mm □ For reinforced concrete mixes the recommended standard sieve is 5mm.

#### **A.4.4. Cement.**

The cement will be CPA 45 or 45CPJ artificial Portland cements 215.425 standard P.15.402. They will be delivered on site paper bagged six layers. Any wet cement or having been altered by the humidity will be dismissed and removed immediately from the site.

They shall be Ordinary Portland Cement, CPJ 45 manufactured only by CEMENCAM or any other national cement factory, obtained from an approved bulk cement supplier. The bulk supplier must have not kept the cement in stock for more than two weeks. The contractor shall not stock cement on the site for more than three months. The cement must be stacked on 10cm wooden surface in a well ventilated store that is dry and warm, free from moisture. The quality and state of cement shall be verified by the supervising engineer before use. The use of imported cement is strictly prohibited. The contractor will inform the work of the constitution of its supplies.

Conflicting samples will be carried out on each batch and submitted at the expense of the contractor to the tests prescribed by the standard P.15.401 of the AFNOR in a certified laboratory. Lots that do not possess characteristics required will have to be removed from the stock intended for work and evacuated from the site.

BaGTC must be in good condition at the time of their installation on the site and retained areas covered, perfectly dry and an area of isolated boards of ten centimeter ground (10cm) to a minimum.

#### **A.4.5. Water.**

The water used for construction purpose should be clean and free from any impurities which can affect the quality of the mixed materials. It should therefore be fit for drinking and the mix ratio should range between 0.4 and 0. by weight and context.

#### **A.4.6. Steel**

All frames or metal mesh implemented in concrete shall conform to the specifications of the 91 BAEL. The steel will have the characteristics of the standard French 45.001AFNOR. steels used on site will be the grade Fe E24 for mild steel and Fe E40 for high yield steels. The bars will be cut to the shear.

Bending will be cold, either manually or mechanically and diameter or greater than 42mm, provided that it is made use of control device in avoiding overheating and following the opinion of the representative of the control.

Diameter of cores used for bending will be consistent with the BAEL 91 rules and the approval certificates. The provisions of anchorage will be normal elbows 45° to return of square or double



anchor elbow. Used steels will be degreased and free of scale. Bars with defects detrimental to their mechanical resistance, such as delamination, crack or chapped skin, will not be accepted. The reinforcements will be shaped to provide exactly the lengths and the forms provided by the drawings of the company.

Assembly of the frames must be on the workshop of the site, but in a form of beam after implementation of the cheeks ever.

Coverings of reinforcement to the shuttering walls will be 2.5cm for concrete in elevation. Coverings of reinforcement to the shuttering walls will be 4cm for foundation concrete. Coverings of reinforcement in concrete forms will be obtained using precast concrete spacers or plastic spacers that dimension will be adapted to the result to get.

The concrete spacers include chevelus of attachment to the frame. Ligatures and mounting bars will be sufficient to avoid any distortion of assembly frame, both during the manipulation at the pouring of concrete.

In case of doubt on the quality of steels supplied on site, the employer or a representative of the contractor or, where applicable, the designated contractor may request, the responsibility of the company, to tests on samples taken on site. The tests will be carried out by an approved body. For reinforcement of floor joists, all provisions will be taken to maintain the bars in the vicinity of support in a good position. Employment in sufficient number of cross-sectional distributions will prevent this possible effect. Recoveries shall conform to the requirements of the 91 BAEL. Reinforcement with no-adherent rust traces will be vigorously brushed before implementation in concrete forms. Shaped or not reinforcement will be stored on some planks and not on the ground. The reinforcements will be supplied in minimum length of 12metres. The reinforcement iron rods to be used will be mild or high yield steel. No use of recycled and rusted reinforcement rods is permissible. **A.4.6. wood**

Wood for formwork: type white wood or equivalent

Wood for scaffold: type hard wood, moabi, mouvingui, frake or equivalent.

## **A.5. THE CONCRETE.**

### **A.5.1 Quality of Concrete.**

Fifteen (15) days later after the opening of the construction site, and before any execution, the contractor shall submit to the National Laboratory "LABOGENIE" Civil Engineering or any other laboratory authorized by the control for approval, a composition of all concrete and mortars to be implemented, taking account of the materials delivered to the site.

All concrete used in the foundations (lean concrete, mass concrete, stressed and pre-stressed....) will be executed with the CPJ 45 cement. The composition of concrete implementation will be defined by

an analysis of composition of FAURY, VALLETTA, DE DREUX or BOLOMAY methods, carried out by the National Laboratory of Civil Engineering. The contractor shall bear the costs of new composition in laboratory studies. All concrete for reinforced concrete must meet the conditions of required resistance. The requirements are the following. -Characteristic of 28 days compressive strength; 20 bars

-Resistance to traction at 28 days; 22 bars.

In case these values are not obtained, the company will produce a supporting calculation note of security works concerned in accordance with the rules BAEL 91. Otherwise, it will request the demolition of the concerned works or their strengthening.

### **A.5.2 Manufacture of concrete and mortar.**

The manufacture of concrete will be conducted by a central concrete to weight determination. Whatever the manufacturing process used, the products obtained shall be homogeneous and perfectly coated aggregates of binders. The duration of mixing to be sufficient to achieve the result intended; once this is achieved, the mixing should not be extended.



The contractor will have any, realize a liquid concrete, given the decrease in resistance caused by excess water. The implementation of dry concrete will be facilitated by the compulsory use of the vibrator.

A sample of concrete taken directly in a waste will have to form a regular ball after quick reciprocating in the palm of the hand and detach easily from the latter without dirt. Testing the cone may be imposed. The water/cement ratio will be determined by the moisture of aggregates.

#### **Concrete:**

Concrete works shall be of 4 types:

- i. Lean concrete for foundation works where indicated shall be PC 150kg/m<sup>4</sup> and 75mm thick.
- ii. Mass concrete for floor works; All concrete in floor construction shall be 80mm/150mm thick and dosage of PC400kg/m<sup>4</sup>
- iii. Reinforced concrete for works above ground level and not submerged for beams, slabs, lintel, columns and pillar works shall be PC450kg/m<sup>4</sup> with thickness as shown on the construction drawings.

Reinforced concrete for underground and submerged structure works including; beams, slabs and pillar works: All reinforced concrete work dosage in these locations shall be PC400kg/m<sup>4</sup> Underground concrete works shall be mixed with waterproof additives (Super Zaikalite-1kg powder imported) in recommended manufacturer's dosage.

#### **Mortar:**

Mortar shall be a mixture of 250 (two hundred and fifty) kilogrammes of cement per cubic metre of dry sand.

If the M250 mortar is more than 20 (twenty) millimeters thick, micro-concrete mixed with 400 (three hundred) kilogrammes of cement whose composition shall first of all be submitted for the Supervisor's approval shall be used. (Use mortar mixes for various structural components works as specified in project consulting documents available in the procurement unit of PNDP).

#### **A.5.4. Implementation of concrete.**

Concrete will be implemented as their manufacture; storage in containers requiring an addition of water at the time of employment is strictly prohibited concrete will be always carefully vibrated by cylindrical needles.

Reinforcement nodes will be willing to allow a good implementation of the concrete on the height of the considered work. The company will take all provisions to ensure an altimeter and a correct fixation of the steel to avoid their displacement during casting. Similarly, it will add all bar mounts and ligatures for correct maintenance of the works (sheaths, tubes, pipes, boxes, cleats, preframes. etc) taken by itself or other bodies of state in concrete forms.

The implementation of concrete will be made to the right of the beams and the sails. Before casting of a recovery, the former concrete will be carefully disposed of all gravât the jet of air compressed, transplanted to overhang or project outboard gravels and eliminate milt, then washed if necessary, resumption of concrete additives used according to the sheet fact of the product. No r resumption of concrete will be made in the visible parts of the works.

Stripping of the works will be carried out when the concrete will have acquired sufficient strength.

#### **A.5.4. Test of Convenience.**

It will be executed on the site before the start of the work, a concrete witness to each "workshop" of concrete. Workshop of concrete, consider a set determined position fixed or movable one site to another and which is served by a determined team fixtures. The minimum number of tubes subjected to test is 9.



- The cleaning and the guarding of the project site
- Providing and installation of 02 project sign boards very visible and displayed on positions indicated by the project manager. These site signboards shall be according to the model provided in the annexes.
- Necessary measures for the respect of legal/lawful provisions relating to hygiene and safety on site. (Installation of a latrine, provision of drinkable water, provision of a first aid box equipped with products such as: aspirin, nivaquine, adhesive plaster, bétadine, bands, compress, alcohol...);
- Provisional access roads to the project site;
- A storeroom on site;
- A site office, where the site book, the building plans will be available permanently throughout all realization of works;
- An office or room of at least of 8 m<sup>2</sup> equipped with a table office and two chairs reserved with the Project superintendent;
- A meetings room for the building site which can receive at least 5 people equipped with a table, two benches of 1.5 m, a display board for plans and planning placed permanently. Receptacles to receive waste are to be installed near the various installations. These receptacles are to be emptied periodically and waste to be deposited in a vat for recovery or a dump (pit). This pit must be located at least 150m installations and in the event of presence of river with at least 150m. At the end of work, the pit is to be filled with ground up to the level of the original ground.

## **1 Preparatory works**

### **1/1 Bush clearing**

The site shall be cleared of all grass to a height of not more than 5cm.

### **1/2 Debris/Cleaning of water run way.**

The section to receive the structure and its surroundings shall be cleaned and free from all debris, mud, excess soil and others for easy flow of water through the bridge.

### **1 /4 Installation of the work site.**

The installation of the site shall be done on a section agreed between the contractor and the Control Engineer together with the areas for stockpiling materials. The site shall be fenced with local materials and signboard mounted by the contractor. Access to the site shall be prohibited to the public. The contractor shall be responsible for the total security of the site.

### **1/4 Implantation**

The contractor shall indicate the implantation of the structure according to the plans. This implantation shall be done in accordance with the Control Engineer. The contractor shall be responsible for errors of levels and alignments that were not signalled earlier.

### **1 /5 Excavation**

All trenches for foundation footings shall be excavated according to the plans. The foundation trenches shall be sunk to the good soil as indicated by soil studies and agreed by the Control Engineer. The trenches shall be shaped accordingly.

### **1/6 Backfilling**

All backfilling, where necessary shall be done with well-drained lateritic soil and compacted in layers of 20 cm successively.

## **2/ Foundation**

### **2/1 Blinding Concrete**

A blinding concrete of 5 cm thick and a concrete mix of 150 kg of cement (CPA 425) per m<sup>4</sup> shall be cast at the base of the hardcore.

### **2/4 Reinforced Concrete foundation footings**

- The foundation footings shall be cast with R.C. of 450 kg of cement (CPA425) per m<sup>4</sup>.

Document No. 6:  
UNIT PRICE SCHEDULE



TM119	<b>Bulldozing</b> TM119 prices remunerates under the general conditions provided for in the contract per kilometer (km), the opening, with a Bulldozer, of existing and none existing road of a width of at least six metres (6m) <b>The kilometre at:</b>	km	
	<b>SERIE 300 : DRAINAGE</b>		
TM301	<b>Cleaning of culverts (<math>\varnothing \leq 1.5m</math>) and scuppers (<math>H \leq 1.5m</math>)</b> This price remunerates under the general conditions provided for in the market, per UNIT (U), the cleaning of culverts ( $\varnothing \leq 1.5m$ ) and scuppers ( $H \leq 1.5m$ ). This price includes in particular: manual dredging and cleaning of the structure and the upstream and downstream beds over a minimum distance of 5 meters in order to restore the flow of water; storage of cleaning and cleaning products in a place approved by the Project Manager; verification of the longitudinal slope of ditches and outlets compatible with complete discharge of water; all constraints related to compliance with environmental requirements; and all other subsections. <b>Unit at:</b>	U	
TM302	<b>Cleaning of culverts (<math>\varnothing &gt; 1.5m</math>)</b> This price remunerates under the general conditions provided for in the market, per UNIT (U), the cleaning of nozzles ( $\varnothing > 1.5m$ ). This price includes in particular: • clearing and cleaning of the culvert and the upstream and downstream beds over a minimum distance of 5 meters in order to restore the flow of water; • storage of cleaning and cleaning products in a place approved by the Project Manager; • all constraints related to compliance with environmental requirements; • and all other subsections. <b>The Unit at:</b>	U	
TM303	<b>Opening River bed</b> This price remunerates under the general conditions provided for in the market, per SQUARE METER (m <sup>2</sup> ), the manual clearing of the river bed which consists of cleaning and restoring the beds of the rivers in order to ensure a better flow of water. This price includes in particular: • weeding, deforestation, removal of any obstacle preventing the proper flow of water, their transport and their deposit in a place approved by the Project Manager regardless of the distance; • all constraints related to compliance with environmental requirements; • and all other subsections. <b>The Square Meter at:</b>	M <sup>2</sup>	
TM307	<b>Supply and installation of metallic culverts <math>\varnothing 800</math> mm</b> The TM307 prices remunerate under the general conditions provided for in the market, per LINEAR METER (ml), the supply and installation of metal nozzles. These prices include: • the supply and transport to the site of the nozzle elements including all the accessories and small equipment necessary for the assembly and installation of the nozzle; • possible removal of deteriorated nozzle elements; • installation and staking of the structure; • the possible establishment of a temporary diversion; • the execution of excavations in the field of all kinds and the evacuation of the products of the excavations to a place approved by the Project Manager; • laying out the laying bed, possibly including the supply and on-site transport of filler materials, regardless of the distance; • assembly and placement of nozzles; • application of the anti-corrosion coating; • the realization of the technical block (supply of material and implementation) up to $\varnothing/2 + 10$ cm at least, ( $\varnothing$ being the diameter of the nozzle), above the upper generatrix of the nozzle; • all installation constraints (exhausting, pumping, shoring) and taking into account the differential settlements of the structure; • any cleaning of the openings upstream and downstream of the nozzles in order to ensure perfect flow; • all constraints related to traffic conditions and compliance with environmental requirements;	ml	



	<ul style="list-style-type: none"> <li>• The connection of the technical block to the existing roadway with slopes of less than 4%;</li> <li>• and all other subjections.</li> </ul> <p><b>The linear meter at:</b></p>		
	<p><b>Culvert head</b>  The TM310 prices remunerate under the general conditions provided for in the market, per UNIT (U), the construction of nozzle heads in masonry or reinforced concrete.  These prices include:  For masonry nozzle heads:</p> <ul style="list-style-type: none"> <li>• the supply and transport on site of all the materials (rubble stone, cement, sand, gravel, etc.) and equipment necessary for the execution of the masonry,</li> <li>• setting up and staking out the structure,</li> <li>• the execution of the excavations, whatever the nature of the ground, the transport and the deposit of the products of excavations in a place indicated by the Project Manager, whatever the distance,</li> <li>• the manufacture of the mortar dosed with 400 kg of cement per cubic meter and the careful implementation of the masonry including wedging, adjustment, moistening of the rubble, shaping of the joints by repointing,</li> <li>• backfilling, compacting, restoration of the surroundings,</li> <li>• all constraints related to traffic conditions and compliance with environmental requirements,</li> <li>• And all other subjections.</li> </ul> <p>For reinforced concrete nozzle heads:</p> <ul style="list-style-type: none"> <li>• the supply and transport to the site of all the materials and equipment necessary for the manufacture of concrete and its implementation,</li> <li>• setting up and staking out the structure,</li> <li>• the execution of the excavations, whatever the nature of the ground, the transport and the deposit of the products of excavations in a place indicated by the Project Manager, whatever the distance,</li> <li>• the formwork and reinforcement of the structure,</li> <li>• formulation and manufacture of concrete according to technical requirements,</li> <li>• the implementation of concrete, vibration, treatment and possible adjustment of surfaces,</li> <li>• stripping, painting buried surfaces with bitumen, backfilling, compacting, restoring the surroundings,</li> <li>• all constraints related to traffic conditions and compliance with environmental requirements,</li> <li>• and all other subjections.</li> </ul> <p><b>The unit at:</b></p>		

<b>TM003</b>	<p><b>Project Launching and sensitization</b>  This item remunerates in the general conditions of this contract at a lump sum price (LS). The aim of this item is to involve the local population and other stakeholders in the project. Considering the sociopolitical climate this item could help facilitate the execution of the project.  This price includes:</p> <ul style="list-style-type: none"> <li>- At least two gathering of the project stakeholders with the beneficiaries of the project where information on the project could be exchanged;</li> <li>- At least two representatives of the local population;</li> <li>- Sensitization of the gathering on the project, governance etc</li> <li>- Food and drinks;</li> <li>- Any other relevant facilitation</li> </ul> <p><b>The lump sum at:</b></p>	<b>LS</b>	
<b>SERIES 100 : CLEARING AND EARTH WORKS</b>			
<b>TM101</b>	<p><b>Brush Clearing</b>  This price compensates in the general conditions provided for in the contract, at a <b>SQUARE METER (m2)</b>, the brushcutting which consists of cleaning the ground and cutting all the woody plants, and the shrubs inside the off-platform right-of-way. <b>This task is normally performed manually; it may be mechanically, at the request of the Project Manager, in areas of low population density or in the event of particular difficulties.</b></p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• clearing, grubbing up of grasses, brush, plantations inside the off-platform right-of-way;</li> <li>• the felling and cutting of trees whose diameter is less than or equal to 20 cm;</li> <li>• pruning of trees outside the right-of-way;</li> <li>• the collection, removal, transport and evacuation of cutting products and their storage outside the right-of-way in a place approved by the Project Manager;</li> <li>• removal of cleaning products from ditches, loading, transport whatever the distance, unloading and provisional or final storage in a place approved by the Project Manager;</li> <li>• all possible compensation for residents;</li> <li>• any restrictions linked to compliance with environmental regulations;</li> <li>• and all other subjects.</li> </ul> <p><b>The Square Meter at:</b></p>	<b>M²</b>	



TM103	<p><b>Tree felling</b></p> <p>This price compensates in the general conditions provided for in the contract, at UNITE (U), the felling of single trees.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• the cutting of any tree with a diameter greater than fifty (&gt; 50) cm;</li> <li>• the cutting of the trunks, the evacuation of all the products resulting from the cutting in a place approved by the Project manager;</li> <li>• all possible compensation for residents;</li> <li>• any restrictions linked to compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul> <p><b>The Unit at:</b></p>	U	
TM108	<p><b>Backfill from borrow pits</b></p> <p>The TM108 prices remunerate in the general conditions provided for in the contract, per CUBIC METER (m3), the backfill with materials (to be defined), originating from borrowing.</p> <p>These prices include:</p> <ul style="list-style-type: none"> <li>• the preparation of borrow places, the opening and maintenance of accesses and traffic lanes within the scope of the operation;</li> <li>• any costs of expropriation or compensation;</li> <li>• the opening of borrowings including clearing, cutting down trees, removing topsoil and discovery;</li> <li>• the extraction of materials, their storage or recovery from possible stocks;</li> <li>• transport of materials on the job over a distance not exceeding 5000 meters;</li> <li>• spreading of materials in layers compatible with the compacting means;</li> <li>• compaction and all processing constraints;</li> <li>• restoration of borrow places;</li> <li>• any restrictions linked to compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul> <p><b>THE CUBIC METRE AT</b></p>	M3	
TM108a	<p><b>Backfill in "lateritic gravels" from borrow pits</b></p> <p>This price compensates in the general conditions provided for in the contract, at the CUBIC METER (m3), the purges.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• extraction of poorly maintained materials;</li> <li>• loading, transport whatever the distance and unloading at the drop-off locations approved by the Project Manager;</li> <li>• backfilling the excavation with borrowing materials of good characteristics as defined at prices TM108, for the reconstruction of the initial level of the platform by compacting in layers of 20 cm maximum;</li> <li>• any restrictions linked to traffic conditions and compliance with environmental regulations;</li> <li>• and all other subjects.</li> </ul> <p>NB: This price applies to quantities less than or equal to 100 m3 per drain point; beyond this, the cut and fill prices will be taken into account.</p> <p><b>The Cubic Meter at:</b></p>	M3	
	<b>SERIE 300 : DRAINAGE</b>		
TM304	<b>Cleaning of the river bed</b>		
TM314	<p><b>Riprap</b></p> <p>This price compensates in the general conditions provided for in the contract, per METER CUBE (m3), the supply and installation of riprap.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• the supply and transportation on the job of rock blocks of a unit weight defined by the Contracting Authority, regardless of the distance;</li> <li>• excavations necessary for the placement of rockfill;</li> <li>• the installation and adjustment of the blocks in order to ensure the stability and sustainability of the structure;</li> <li>• any restrictions linked to traffic conditions and compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul> <p><b>The Cubic Meter at:</b></p>	M3	

TM315	<p><b>Weepholes (barbican)</b></p> <p>This price compensates in the general conditions provided for in the contract, at UNIT (U), the supply and installation of barbican in PVC pipe (Diameter to be defined by the Contracting Authority) for drainage of the materials located behind the abutments, retaining walls, or masonry.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• supply and transport on the job of PVC pipes;</li> <li>• the implementation of the Barbicans;</li> <li>• And all subject to execution.</li> </ul> <p><b>The Unit at:</b></p>	U	
	<b>SERIE 400 : ENGINEERING STRUCTURES</b>		
TM407	<p><b>Excavations in ordinary terrain or in a river bed</b></p> <p>This price compensates in the general conditions provided for in the Contracts, <b>per METER CUBE (m3)</b>, the execution of excavations for foundations in soft ground (not requiring the use of rock breaker, compressor or explosives) or in bed of river.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• excavation and extraction of materials from soft ground;</li> <li>• shoring, shielding, protection and possible supports;</li> <li>• any cofferdams and temporary embankments;</li> <li>• depletion, pumping for the dry execution of works;</li> <li>• the preparation of the excavation bottom and its compaction;</li> <li>• loading of extraction materials, transport whatever the distance, unloading at the place of reuse or final deposit approved by the Project Manager;</li> <li>• any restrictions linked to environmental regulations;</li> <li>• and all other subjects.</li> </ul> <p><b>The Cubic Meter at:</b></p>	M3	
TM409	<p><b>Abutment in stone masonry</b></p> <p>The TM409 prices compensate under the general conditions provided for in the contract, at UNIT (U), the construction of abutments in stone masonry according to the approved execution plans and in accordance with the instructions of the Project Manager. These prices include:</p> <ul style="list-style-type: none"> <li>• the establishment of structures;</li> <li>• the possible deviation of the watercourse;</li> <li>• possible deviation from the route;</li> <li>• earthworks and drying up of excavations;</li> <li>• the construction of masonry foundations, after removal of existing and unnecessary foundations, logs or buried materials of any kind;</li> <li>• the supply and transportation on the job of all materials and equipment necessary for the construction of masonry abutments;</li> <li>• the manufacture of the mortar at the prescribed dosage and the careful implementation of the masonry including the setting, adjustment, moistening of the rubble;</li> <li>• shaping of joints by repointing;</li> <li>• any restrictions linked to traffic conditions and compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul>		
TM409d	<p><b>Abutment in stone masonry 5m &lt;h≤ 6m</b></p> <p><b>The Unit at:</b></p>	U	
TM412	<p><b>Filtrirg materials behind the abutments</b></p> <p>This price compensates in the general conditions provided for in the contractt, <b>per METER CUBE (m3)</b>, the supply and implementation of the filtering materials behind the abutments. These materials will be approved by the Project Manager. The draining masks will consist of a stack of materials with a thickness of fifty centimeters (50 cm); they will be placed over the entire width of the abutment.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• on-site supply, including transport regardless of the distance,</li> <li>• the implementation of filtering materials including all working constraints in narrow widths;</li> <li>• any restrictions linked to compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul> <p><b>The cubic meter at:</b></p>	M3	



TM413	<p>Embankment contiguous to the structure</p> <p>This price compensates in the general conditions provided for in the contract, per METER CUBE (m<sup>3</sup>), the supply and implementation of the materials selected and approved by the Project Manager, necessary for the embankments adjacent to the works. These materials will be used in successive layers of 10 to 15 cm. They will be executed in such a way that they do not exert asymmetrical thrusts on the structures which would be harmful to them.</p> <p>The compaction will be done by manual machines (checkers, vibrating plates, self-propelled cylinders). The connection of the road profile with speed bump created by the contiguous embankments must not have slopes &gt; 4%.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• the supply and transportation to the work site, whatever the distance, of backfill material obtained from borrowed material or the reuse of cuttings;</li> <li>• the implementation, possible watering, methodical compaction by successive layers including all subsections of implementation in small quantities, or use of material with low yield;</li> <li>• protection against water of all kinds during the execution of embankments;</li> <li>• adjustment of slope slopes;</li> <li>• any restrictions linked to compliance with environmental regulations;</li> <li>• and all other subjects.</li> </ul> <p><b>The Cubic Meter at:</b></p>		
TM416b	<p>Demolition of existing structure</p> <p><b>The Cubic Meter at:</b></p>		
TM419	<p>Stone masonry</p> <p>This price compensates in the general conditions provided for in the contract, per METER CUBE (m<sup>3</sup>), the installation of masonry of rubble intended for the repair of various works (nozzle heads or scuppers, abutment or pier of bridges, masonry walls, etc.) or the construction of masonry walls. This price includes:</p> <ul style="list-style-type: none"> <li>• the preparation of the parts to be repaired (the possible demolition of part of the existing structure or of its whole being remunerated elsewhere);</li> <li>• the supply of materials (including the extraction, size and selection of rubble stones), and their transportation on the job regardless of the distance;</li> <li>• any earthworks, including excavations of all kinds of land;</li> <li>• the manufacture of the mortar at the prescribed dosage and the careful implementation of the masonry including the setting, adjustment, moistening of the rubble;</li> <li>• shaping of joints by grouting;</li> <li>• backfilling, compaction, restoration of surrounding areas;</li> <li>• any restrictions linked to traffic conditions and compliance with environmental regulations;</li> <li>• and all other suggestion.</li> </ul> <p><b>The Cubic Meter at:</b></p>		
TM423	<p><b>Concretes</b></p> <p>The TM423 prices compensate under the general conditions provided for in the contract, per CUBE METER (m<sup>3</sup>), the manufacture and use of concrete, according to a dosage given in kg of cement per cubic meter of concrete;</p> <p>These prices include:</p> <ul style="list-style-type: none"> <li>• surface preparation, the possible demolition of part of the existing structure or of its whole being remunerated elsewhere;</li> <li>• the supply and transport on the job of all the materials necessary for the manufacture of concrete and their implementation regardless of the distance;</li> <li>• earthworks including excavations of all kinds of land;</li> <li>• formwork if applicable;</li> <li>• the formulation and manufacture of concrete according to the technical prescriptions including all the storage constraints of the components;</li> <li>• the use of concrete, the treatment and any leveling of surfaces;</li> <li>• formwork removal, backfilling, compaction, restoration of surrounding areas;</li> <li>• any restrictions linked to compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul>		
TM423a	<p>lean concrete dosed at 150 kg / m<sup>3</sup></p> <p>The cubic meter at:</p>		
TM423e	<p>Reinforced concrete 350 kg/m<sup>3</sup></p> <p>The cubic meter at::</p>		
TM423f	<p>Reinforced concrete dosed at 400 kg/m<sup>3</sup></p> <p>The cubic meter at:</p>		
TM430	<p><b>Replacement of IPE beams 450</b></p>		



	<p>The TM430 prices remunerate under the general conditions provided for in the market, per LINEAR METER (ml), the replacement of heavily corroded IPE metal beams (nearly 50%), deformed or broken.</p> <p>These prices include in particular:</p> <ul style="list-style-type: none"> <li>• the removal of defective IPE beams, any demolitions, transport whatever the distance and their deposit at the place indicated by the Client;</li> <li>• the supply and transport to the site of the new IPE beams, the supply and installation of the devices for fixing the beams to the header in accordance with the technical requirements as well as the supply of adequate assembly equipment;</li> <li>• the installation of new IPE beams on the supports in accordance with the technical requirements, including their protection against rust and all constraints,</li> <li>• all constraints of wedging, adjustment, implementation of concrete to seal the connection of the elements, the supply and welding of the metal spacers,</li> <li>• all constraints related to traffic conditions and compliance with environmental requirements;</li> <li>• and all other subjections.</li> </ul> <p><b>The linear meter at :</b></p>		
TM431c	<p><b>Formwork</b></p> <p>The TM431 prices remunerate under the general conditions provided for in the market, per SQUARE METER (m2), the supply and installation of ordinary or neat formwork. This operation consists of forming the various surfaces when necessary before concreting. The formwork will be of robust construction because it is called upon to support, as the case may be, the thrust of the fresh concrete or the weight of the construction until the debending of the structure.</p> <p>These prices include in particular:</p> <ul style="list-style-type: none"> <li>• the supply on site and the implementation of the props, hangers, scaffolding, temporary supports necessary for the shoring of all parts of the work, including assembly, adjustment and maintenance;</li> <li>• preparation, construction, maintenance of any excavations and temporary backfill, for arches, temporary props and removal of backfill at the end of the work;</li> <li>• the supply and installation of any elements intended to emphasize the architectural aspect (case of neat formwork);</li> <li>• the supply and implementation of formwork removal products, formwork removal (except permanent formwork), dismantling of props, hangers, scaffolding;</li> <li>• all constraints related to traffic conditions and compliance with environmental requirements;</li> <li>• and all other subjections.</li> </ul> <p><b>The square metre at :</b></p>		
TM432	<p><b>Scaffolding</b></p> <p>This price compensates in the general conditions provided for in the contract, the PACKAGE / STRUCTURE (FT / OU), the supply and installation of scaffolding for the entire structure. This task consists of the supply and use of an adequate means used to repair the undersides of the decks, the beams and the upper parts of the abutments or piers.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• the supply, installation, stalling and adjustments, dismantling and folding of the scaffolding;</li> <li>• any restrictions linked to traffic conditions and compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul> <p><b>The Lump sum at:</b></p>	LS	
TM438	<p><b>Drainage pipes</b></p> <p>This price compensates in the general conditions provided for in the contract, at UNITE (U), the supply and installation of drainage pipes in Ø100 PVC pipe for the evacuation of water from the deck.</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• the supply and transportation to the work site of all the planned items;</li> <li>• laying and fixing of Ø100 PVC pipes;</li> <li>• the implementation of gargoyles;</li> <li>• any restrictions linked to traffic conditions and compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul> <p><b>The unit at:</b></p>	U	
TM441	<p><b>Geotechnical and execution studies</b></p> <p>This price compensates in the general conditions provided for in the contract, the PACKAGE (FT), the geotechnical and technical studies:</p> <p>This price includes:</p> <ul style="list-style-type: none"> <li>• Geotechnical studies to be carried out on the right of the structure to be built, to determine the depth of scour and in particular the following reconnaissance: pressuremeter or light penetrometer drilling, concrete formulation, laboratory tests (particle size analyzes, water content, etc.).</li> <li>• Hydraulic and hydrological studies;</li> <li>• Technical execution studies, among others: calculation notes, execution plans, etc.</li> </ul> <p>NB: This price is paid after validation of the report.</p>		



TM531	Indicator signs This price compensates in the general conditions provided for in the contract, per unit, the supply and installation of the signboards. The Unit at:	U	
TM606	<b>Paintings on the structure elements</b> The TM606 prices remunerate under the general conditions provided for in the contract, per SQUARE METER (m2), applying paint to the works. These prices include: <ul style="list-style-type: none"> <li>• preparing the surfaces to be painted;</li> <li>• the supply and transportation on the job of all the necessary materials and equipment;</li> <li>• the use of different layers of paint;</li> <li>• any restrictions linked to traffic conditions and compliance with environmental regulations;</li> <li>• and all other suggestions.</li> </ul>		
TM606a	Anticorrosive paint The Square Meter at:	m <sup>2</sup>	
TM606b	Oil painting The Square Meter at:	m <sup>2</sup>	
TM606c	Bituminous Paint The square metre at:	M <sup>2</sup>	

Document No. 7:  
BILL OF QUANTITIES AND  
COST ESTIMATES



**BILL OF QUANTITIES AND COST ESTIMATE FOR CONSTRUCTION/RECONSTRUCTION OF A COLLAPSED STRUCTURE IN MOMO DIVISION. (CONSTRUCTION OF MAIN BRIDGE IN ANDEK TOWN OF 18M SPAN OVER RIVER FEG IN NGIE SUBDIVISION) NORTH WEST REGION**

River: FEG

Road: COMMUNAL ROAD

Length: 18 ml

Hight: 4m<h≤ 5 ml

Type of Engineering structure: Permanent Bridge

PRICE No	DESCRIPTION	UNIT	Q'TY	UP	AMOUNT
SERIES 000	INSTALLATION				
TM001	Site installation	Ft	1		
TM002	Supply and withdrawal of equipment	Ft	1		
	<b>Sub Total Installation</b>				
SERIES 100	CLEANING AND LEVELLING				
TM101	Clearing	m <sup>2</sup>	500		
TM108a	Backfilling with laterite gravel from borrowed pith	m <sup>3</sup>	800		
	<b>Sub Total Cleaning and Levelling</b>				
SERIES 300	DRAINAGE				
TM304	Cleaning the river way	m <sup>3</sup>	399		
TM315	Drainage channel	u	30		
	<b>Sub Total Drainage</b>				
SERIES 400	ENGINEERING STRUCTURES				
TM407	Excavations on ordinary grounds or riverbeds	m <sup>3</sup>	576.52		
TM409c	Rubble masonry abutments 3m<h≤ 4 m	u	2		
TM411	Backfilling the Excavations with Rocks round the footings	m <sup>3</sup>	105.5		
TM412	Filter materials behind the abutments ( gravel,sand and puzzolana )	m <sup>3</sup>	192.72		
TM413	Backfilling adjacent the structures	m <sup>3</sup>	535.25		
TM423a	Lean concrete dosed at 150kg/m <sup>3</sup>	m <sup>3</sup>	9.82		
TM423f	Reinforced concrete dosed at 400kg/m <sup>3</sup> (Pile cap and slap)	m <sup>3</sup>	32.50		
TM423f	Reinforced concrete dosed at 450kg/m <sup>3</sup> (foundations and piles)	m <sup>3</sup>	96.57		
TM430d	Installation of IPE 500 beams	ml	36.00		
TM330c	Installation of IPE 450 beams	ml	24		
TM431a	Ordinary formwork	m <sup>2</sup>	108		
TM431b	Wooden formwork	m <sup>2</sup>	150.0		
TM433	HA25 steel or equivalent Anchored to the rock	U	40		
TM438	Gargoyle	U	30		
TM441	Geotechnical studies and Performance plan	ff	1		
	Rehabilitation of the centre stone support if after verification of the strength and is good . If not good TM423f should be applied	ff	1		
	<b>Sub total Engineering Structures</b>				
SERIES 500	SIGNALISATION AND SECURITY EQUIPMENT				
TM501c	Guard Rail	ml	36		
TM516a	Type A metallic sign board	u	2		
TM528a	Wooden poles	u	8		
TM528b	Reinforced concrete Poles	u	8		
	<b>Sub total Signalisation and Security Equipment</b>				
SERIES 600	DIVERS				
TM606a	Anti-corrosive paint	m <sup>2</sup>	8.50		
TM606b	Oil paint	m <sup>2</sup>	8.50		
TM606c	Bituminous Paint	m <sup>2</sup>	150.20		
	maintained ci	ff	1.00		
	<b>Sub total Divers</b>				
<b>TOTAL WITHOUT TAXES</b>					
VAT 19.25%					
AIR 2.20%					
<b>TOTAL (TTC)</b>					
<b>NET TO BE PAID</b>					

CLOSED THE PRESENT ESTIMATE AT SOME OF:.....