

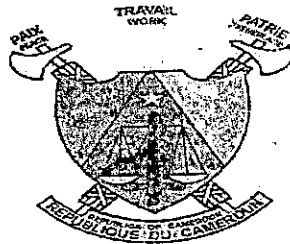
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REPUBLIQUE DU CAMEROUN  
Paix-Travail-Patrie

MINISTRE DE L' DECENTRALISATION  
ET DE LA LOCAL DEVELOPMENT

REGION DU NORD OUEST  
DEPARTMENT DE LA MOMO

COMMUNE DE WIDIKUM-Boffe



DAO

REPUBLIC OF CAMEROON  
Peace – Work – Fatherland

MINISTRY OF DECENTRALISATION  
AND LOCAL DEVELOPMENT

NORTH WEST REGION  
MOMO DIVISION

WIDIKUM-Boffe COUNCIL

## WIDIKUM-BOFFE COUNCIL INTERNAL TENDERS BOARD

\*\*\*\*\*

### OPEN NATIONAL INVITATION TO TENDER

### TENDER FILE

**TENDER FILE N° 004/ONIT/WC/ITB/2021 OF 03/06/2021  
FOR THE PURCHASE AND INSTALLATION OF SOLAR STREET  
LIGHTS IN WIDIKUM TOWN, IN WIDIKUM SUBDIVISION,  
MOMO DIVISION OF THE NORTH WEST REGION**

PROJECT OWNER: THE LORD MAYOR OF WIDIKUM COUNCIL

FINANCING: PUBLIC INVESTMENT BUDGET – MINDDEVEL 2021

AUTHORIZATION NUMBER: IVV03401  
IMPUTATION: 55 27 351 01 641660 2242 821

FINANCIAL YEAR 2021

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# **Document N°. 1**

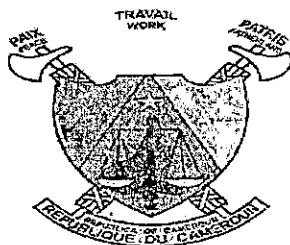
## **TENDER NOTICE**

REPUBLIQUE DU CAMEROUN  
Paix-Travail-Patrie

MINISTERE DE L' DECENTRALISATION  
ET DE LA LOCAL DEVELOPMENT

REGION DU NORD OUEST  
DEPARTMENT DE LA MOMO

COMMUNE DE WIDIKUM-Boffe



REPUBLIC OF CAMEROON  
Peace – Work – Fatherland

MINISTRY OF DECENTRALISATION  
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NORTH WEST REGION  
MOMO DIVISION

WIDIKUM-Boffe COUNCIL

## TENDER NOTICE

### OPEN NATIONAL INVITATION TO TENDER N° 04/ONIT/WC/ITB/2021 OF 03/06//2021 FOR THE PURCHASE AND INSTALLATION OF SOLAR STREET LIGHTS IN WIDIKUM TOWN, MOMO DIVISION.

**Financing: Public Investment Budget - 2021**

**1. Subject of the Invitation to Tender:**

Within the framework of 2021 Public Investment Budget, the Lord Mayor of Widikum Council, Contracting Authority, hereby launches an Open National Invitation to Tender N° 04/ONIT/WC/ITB/2021 OF 03/06/2021 for the purchase and installation of solar street lights in Widikum town, Momo Division.

**2. Nature of work:**

Work to be done consists of:

- ✓ Setting out structures,
- ✓ Site installation,
- ✓ Civil engineering works,
- ✓ Erecting and installation of solar lamps

**3. Execution deadline**

The maximum deadline provided by the Delegated Contracting Authority for the execution of the works forming the subject of this Invitation to Tender is **one hundred and twenty (120) days**.

**4. Lot**

The work is as follows: The purchase and installation of solar street lights in Widikum town single lot.

**5. Estimated cost**

The estimated cost after preliminary studies is **seventy million (70,000,000) CFAF**.

**6. Participation and origin**

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

**7. Financing**

Works which form the subject of this Invitation to Tender shall be financed by the 2021 Public Investment Budget.

#### **8. Bid bond**

Each bidder must include in his administrative documents, a bid bond issued by a first-rate banking establishment approved by the Ministry in charge of Finance and whose list is found in document N°. 12 of the Tender File, of an amount of **one million and four hundred thousand (1,400,000) CFAF** and valid for thirty (120) days beyond the date of validity of bids

#### **9. Consultation of Tender File:**

The file may be consulted during working hours at the Widikum Council, secretariat, as soon as this notice is published.

#### **10. Acquisition of Tender File:**

The file may be obtained from the Widikum Council, secretariat, as soon as this notice is published against payment of the sum of **one hundred and fifteen thousand (115,000) CFA Francs**, payable at the Widikum council Municipal Treasury, representing the cost of purchasing the Tender File.

#### **11. Submission of bids:**

Each offer drafted in English or French in 07 (seven) copies including 01 (one) original and 06 (six) copies marked as such, should reach the WIDIKUM Council, Secretariat not later than **02/07/2021 at 10:00am** local time and should carry the inscription:

**<< OPEN NATIONAL INVITATION TO TENDER N° 04/ONIT/MC/ITB/2021 OF 03/06/ 2021  
FOR THE PURCHASE AND INSTALLATION OF SOLAR STREET LIGHTS IN WIDIKUM  
SUBDIVISION, MOMO DIVISION. >>  
"To be Open only during the bid-opening session"**

#### **12. Admissibility of bids**

Under penalty of being rejected, only originals or certified true copies signed by the issuing service or administrative authorities (Governor, Senior Divisional Officer, Divisional Officers) must imperatively be produced in accordance with the Special Regulations of the Invitation to Tender. They must obligatorily not be older than three (3) months preceding the date of submission of bids or may be established after the signature of the tender notice

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

#### **13. Opening of bids:**

The bids shall be Open in a single phase. The opening of the administrative documents, the Technical and Financial offers will take place on the **02/07/2021 at 11:00am** local time, in the conference hall of the WIDIKUM Council, by its competent Tender Board Members. Only bidders may attend or be represented by duly mandated persons of their choice and having a good knowledge of their files.

#### **14. Evaluation criteria**

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

##### **A. Eliminary criteria**

1. Absence of bid bond in the administrative file;
2. Deadline for delivery higher than prescribed;
3. False declaration or falsified documents;
4. A bid with the external envelope carrying a sign or mark leading to the identification of the bidder;
5. Incomplete financial file;
6. Change of quantity or unit;
7. Non respect of 37.4/44 (85%) of essential criteria;
8. Suspended by MINMAP in 2021.

**B. Essential criteria**

- 1- General presentation of the Tender Files;
- 2- Financial capacity;
- 3- References of the company in similar achievements visa by the competent authority;
- 4- Quality of the personnel;
- 5- Technical organization of the works;
- 6- Safety measures on the site;
- 7- Logistics;
- 8- Attestation of sites visit duly signed on honour by the bidder and report of site visit with 3 pictures each;
- 9- Special Technical Clauses initialed in all the pages;
- 10-Special Administrative Clauses completed and initialed in all the pages.

**15. Award**

This evaluation will be done in a binary way (yes) or (no) with an acceptable minimum of 37.4/44(85%) of the essential criteria taken in account.

The Contract will be awarded to the bidder who would have proposed the offer with the lowest amount, in conformity with the regulations of the Tender Documents and having satisfied to 100% of the eliminatory criteria and at least 37.4/44(85%) of the essential criteria.

**16. Validity of bids**

Bidders will remain committed to their offers for One Hundred and Twenty (120) days from the deadline set for the submission of tenders.

**17. Complementary information**

Complementary technical information may be obtained during working hours from the WIDIKUM Council. .

Done at WIDIKUM on

The Mayor of WIDIKUM Council  
(The Contracting Authority)

**MAYOR**

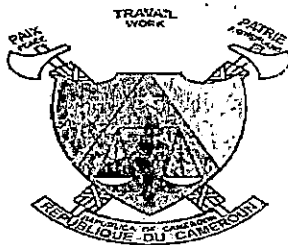
Copies:

- ARMP Bamenda
- Chairperson of TB
- Notice Board



03 JUN 2021

*Andoh Stanslous Nambu*  
MSC Management  
MBA FINANCE (University of Douala)  
ECONOMIST



## AVIS D'APPEL D'OFFRES

**AVIS D'APPEL D'OFFRES NATIONAL OUVERT N° 004/AONO/CW/CIPMM/2021 DU 003/06/2021 POUR LA FOURNITURE ET L'INSTALLATION DES LAMPADAIRES SOLAIRES DANS LA VILLE DE WIDIKUM, ARRONDISSEMENT DE WIDIKUM, DEPARTEMENT DE LA MOMO.**

**Financement : Budget d'Investissement Public 2021**

**1. Objet de l'Appel d'Offre**

Dans le cadre de l'exercice budgétaire 2021, le Maire de WIDIKUM, Autorité Contractante lance un Appel d'Offres National Ouvert pour la fourniture et l'installation des lampadaires solaires dans la ville de Widikum, Arrondissement de Widikum, Département de la Momo.

**2. Consistance des travaux**

Les travaux comprennent notamment :

- Installation de site
- Mise en place des structures
- Travaux de Génie Civil
- Fourniture et Installation des lampadaires solaires.

**3. Délais d'exécution**

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

**4. Allotissement**

Le travail est ci-après défini :

La fourniture et l'installation des lampadaires solaires dans la ville de Widikum, Département de la Momo.

**5. Coût prévisionnel**

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

**6. Participation et origine**

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

**7. Financement**

Les travaux objet du présent appel d'offres sont financés par le Budget d'Investissement Publics MINDEVEL du Cameroun de l'exercice 2021.

**8. Cautionnement provisoire**

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

établie par une Institution financière de premier ordre agréée par le Ministère chargé des finances et dont la liste figure dans la pièce 12 du DAO, d'un montant de **un million quatre cent mille (1,400,000) FCFA** et valable pendant **cent vingt (120) jours** au-delà de la date originale de validité des offres.

**9. Consultation du Dossier d'Appel d'Offres**

Le Dossier d'Appel d'Offres peut être consulté et obtenu aux heures ouvrables à la Mairie de WIDIKUM, Service de Passation des Marchés Publics dès Publication du présent avis.

**10. Acquisition du Dossier d'Appel d'Offres**

Le dossier peut être obtenu aux heures ouvrables à la Mairie de la Commune de WIDIKUM, Secrétariat dès Publication du présent avis, contre présentation d'une quittance de versement au Trésor de la commune de WIDIKUM de la somme non remboursable de **cent quenze mille (115 000) Francs CFA**.

**11. Remise des offres**

Chaque offre rédigée en français ou en anglais en sept (07) exemplaires dont un (01) original et six (06) copies marquées comme telles, devra parvenir contre récépissé à la Mairie de WIDIKUM, Service de Passation des Marchés Publics au plus tard le **02/07/2021 à 10h00**, heure locale et devra porter la mention suivante :

**«AVIS D'APPEL D'OFFRES NATIONAL OUVERT N° 04/AONO/MC/CIPMM/2021 du  
\_03/06/2021 POUR LA FOURNITURE ET L'INSTALLATION DES LAMPADAIRES SOLAIRES DANS  
LA VILLE DE WIDIKUM ARRONDISSEMENT DE WIDIKUM, DEPARTEMENT DE LA MOMO.»  
«A N'OUVRIR QU'EN SEANCE DE DEPOUILLEMENT»**

**12. Recevabilité des offres**

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

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

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

**13. Ouverture des plis**

L'ouverture des plis se fera en un temps. L'ouverture des pièces administratives et des offres techniques et financières aura lieu le **02/07/2021 à 11h00**, heure locale, dans la salle de conférence de la Mairie de WIDIKUM, par la Commission de Passation de Marchés siégeant en présence des soumissionnaires ou de leurs représentants dûment mandatés et ayant une parfaite connaissance du dossier.

**14. Critères d'évaluation**

Les offres seront évaluées selon les principaux critères suivants :

**A - Critères éliminatoires**

Il s'agit notamment:



- 1- Absence de la caution provisoire de soumission dans le dossier administrative ;
- 2- Délai d'exécution supérieur à celui prescrit (supérieur à trois mois) ;
- 3- Fausses déclarations ou pièces falsifiées;
- 4- Offres dont l'enveloppe extérieure porte des mentions permettant de reconnaître le Soumissionnaire;
- 5- Offres financière incomplète,
- 6- Le changement d'une unité ou d'une quantité dans l'offre financière ;
- 7- Le non-respect de **37.4/44(85%)** des critères essentiels ;
- 8- Suspendu par le MINMAP en 2021.

#### **B - Critères essentiels**

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

- 1- Présentation générale de l'offre ;
- 2- Capacité financière ;
- 3- Références de l'entreprise dans les réalisations similaires ;
- 4- Qualité du personnel ;
- 5- Organisation technique des travaux ;
- 6- Sécurité au chantier ;
- 7- Moyens logistiques ;
- 8- Attestation de visite de site signée sur l'honneur par le soumissionnaire. accompagnée d'un rapport de visite du site avec des 3 photos par site ;
- 9- Cahier des Clauses Techniques Particulières paraphé à chaque page ;
- 10- Cahier des Clauses Administratives Particulières complété et paraphé à chaque page.

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

#### **15. Attribution**

Cette évaluation se fera de manière purement positive (oui) ou négative (non) avec un minimum acceptable d'au moins **37.4/44(85%)** de l'ensemble des critères essentiels pris en compte.

Le marché sera attribué au soumissionnaire qui aura proposé l'offre la moins disante, conforme pour l'essentiel aux prescriptions du Dossier d'Appel d'Offres, ayant satisfait à **100%** des critères éliminatoires et au moins **37.4/44(85%)** des critères essentiels.

#### **16. Durée de validité des offres**

Les soumissionnaires restent engagés par leur offre pendant 120 jours à partir de la date limite fixée pour la remise des offres.

**17. Renseignements complémentaires**

Les renseignements complémentaires d'ordre technique peuvent être obtenus auprès de la Mairie de WIDIKUM.

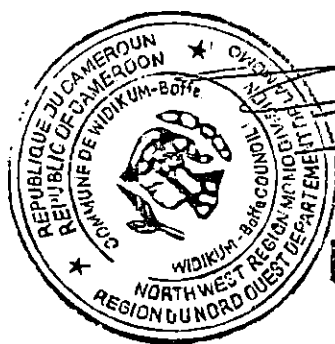
Fait à WIDIKUM, le 03 JUIN 2021

Le Maire de WIDIKUM  
(Autorité Contractante)

**MAYOR**

**Copie :**

- ARMP
- Président CPM
- Affichage.
- Chrono/archive



*Andoh Stanislaus Tamber*  
MSC Management  
MBA FINANCE (University of Douala)  
ECONOMIST

**Document N°. 2**

**GENERAL REGULATIONS OF THE  
INVITATION TO TENDER**

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## **GENERAL RULES OF THE INVITATION TO TENDER**

### **A. General**

#### **Article 1: Scope of the tender**

1.1 The Contracting Authority, The Mayor of WIDIKUM Council hereby launches an Open National Invitation to Tender N° 04/ ONIT/WC/ITB/2021 OF 04/06/2021 for the purchase and installation of solar street lights in Widikum town, Momo Division, Momo Division.

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

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

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

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

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

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

- a) The following definitions shall be admitted:
  - i) Shall be guilty of "corruption" whoever offers, gives, requests or accepts any advantage in view of influencing the action of a Public official during the award or execution of a Contract;
  - ii) Is involved in "fraudulent manoeuvres" whoever deforms or distorts facts in order to influence the award or execution of a Contract;
  - iii) "Collusive practices" shall mean any form of agreement between two or among several bidders (whether the Delegated Contracting Authority is aware or not) aimed at artificially maintaining the prices of bids at levels not corresponding to those resulting from competition;
  - iv) "Coercive practices" shall mean any form of harm against persons or their property or threats against them in order to influence their action during the award or execution of a Contract.

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

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

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

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

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

- (a) A bidder (including all members of a group of enterprises and all sub-Contractors to the bidder) must be from an eligible country, in accordance with the funding agreement.
- (b) A bidder (including all members of a group of enterprises and all sub-Contractors to the bidder) must not be in a situation of conflict of interest, subject to disqualification. A bidder shall be judged to be in a situation of conflict of interest if he:
  - i) Is or was associated in the past with an enterprise (or a subsidiary of this enterprise) which provided consultancy services for the conception, preparation of specifications and other documents used within the scope of Contracts awarded for this Invitation to Tender; or
  - ii) Presents more than one bid within the context of Invitation to Tender, except authorised variants according to article 17, where need be; meanwhile, this does not prevent the participation of sub-Contractors in more than one bid.
  - iii) The Contracting Authority or Project Owner has financial interests in the capital in a way as to compromise the transparency of the procedures of award of Public Contracts.
- (c) The bidder must not have been excluded from bidding for Public Contracts.
- (d) A Cameroonian Public enterprise may participate in the consultation if it can demonstrate that it is (i) legally and financially autonomous, (ii) managed according to commercial laws and (iii) not under the direct supervisory authority of the Contracting Authority or Project Owner.

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

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

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

#### **Article 6: Qualification of bidder**

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

- (a) submit a power of attorney making the signatory of the bid bound by the bid; and
- (b) provide all information (complete or update information included in their request for pre-qualification which may have changed in the case where the candidates took part in pre-qualification) requested of bidders in the Special Regulations of the Invitation to Tender, in order to establish their qualification to execute the Contract.

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

- (i) The production of certified balance sheets and recent turnovers;
- (ii) Access to a line of credit or availability of other financial resources;
- (iii) Orders acquired and Contracts awarded;
- (iv) Pending litigations;
- (v) Availability of indispensable equipment.

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

- (a) The bid must include all the information listed in article 6(1) above. The Special Regulations must indicate the information to be furnished by the group and that to be furnished by each member of the group;
- (b) The bid and the Contract must be signed in a way that is binding on all members of the group;
- (c) The nature of the group (joint or several) must be specified in the Special Regulations and justified with the production of a joint venture agreement in due form;
- (d) The member of the group designated as the representative will represent all the undertakings vis à vis the Project Owner and Contracting Authority with regard to the execution of the Contract;
- (e) In case of joint co-Contracting, the co-Contractors shall share the sums which are paid by the Project Owner into a single account. On the other hand, each undertaking is paid into its own account by the Project Owner where it is joint co-Contracting.

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

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

#### **Article 7: Visit of works site**

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

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

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

### **B. Tender File**

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

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

Document No. 1. The Tender Notice;

Document No. 2. The General Regulations of the Invitation to Tender;

Document No. 3. The Special Regulations of the Invitation to Tender;

Document No. 4. The Special Administrative Conditions;

Document No. 5. The Special Technical Conditions;

Document No. 6. The schedule of unit prices;

Document No. 7. The bill of quantities and estimates;

Document No. 8. The sub details of unit prices;

Document No. 9. Model documents of the Contract:

a. The execution schedule;

b. Model of forms presenting the equipment, personnel and references;

c. Model bidding letter;

d. Model bid bond;

e. Model final bond;

f. Model of bond of start-off advance;

g. Model of guarantee in replacement of the retention fund;

h. Model Contract;

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

a. Model Contract;

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

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



1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

2. The second part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

3. The third part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

4. The fourth part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

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6. The sixth part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

7. The seventh part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

8. The eighth part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

9. The ninth part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

10. The tenth part of the paper is devoted to a discussion of the general principles of the theory of the structure of the human brain.

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

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

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

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

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

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

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

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

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

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

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

### **C Preparation of bids**

#### **Article 11: Tender costs**

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

#### **Article 12: Language of bid**

The bid as well as any correspondence and any document exchanged between the bidder and the Contracting Authority shall be written in English or French. Complementary documents and the forms provided by the bidder may be written in another language on condition that a precise

translation into either English or French of the passages concerning the bid is included; in which case for reasons of interpretation, the translation shall be considered to be authentic.

#### **Article 13: Constituent documents of the bid**

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

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

It includes:

- i) all documents attesting that the bidder:
  - has subscribed to all declarations provided for by the laws and regulations in force;
  - paid all taxes, duties, contributions, fees or deductions of whatever nature;
  - is not winding up or bankrupt;
  - is not the subject of an exclusion order or forfeiture provided for by the law in force;
- ii) The bid bond established in accordance with the provisions of article 17 of the General Regulations of the Invitation to Tender;
- iii) the written confirmation empowering the signatory of the bid to commit the bidder, in accordance with the provisions of article 6(1) the General Regulations of Invitation to Tender.

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

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

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

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

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

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

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

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

###### **b.4 Commentaries (optional)**

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

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

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

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

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

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

#### **Article 14: Bid price**

- 14.1 Except otherwise stated in the Tender File, the amount of the Contract shall cover all the works described in article 1.1 of the General Regulations of the Invitation to Tender, on the basis of the price schedule and the detailed bill of quantities and estimates presented by the bidder.
- 14.2 The bidder shall fill the unit prices and totals of all items on the schedule and bill of quantities and estimates.
- 14.3 Subject to contrary provisions provided for in the Special Regulations and in the Special Administrative Conditions, all dues, taxes and fees payable by the bidder on grounds of the Contract or on any other ground, thirty (30) days prior to the submission of the bids, shall be included in the prices and in the total amount of the bid presented by the bidder.
- 14.4 If a price revision/updating clause is provided for in the Contract, the date of establishment of the initial price, as well as the price revision/updating conditions for the said price must be specified. This is with the understanding that any Contract of duration less than one (1) year shall not be subject to price revision.
- 14.5 All unit prices must be justified by sub-details established in accordance with the structure proposed in document 8 of the Tender File.

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

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

**15.2 Option A:** The amount of the bid shall be entirely made in the national currency. The amount of the bid, unit prices of the price schedule and the prices of the bill of quantities and estimates are completely made in CFA francs in the following manner:

- a) Prices shall be entirely drawn in the national currency. The bidder who intends to commit expenditures in other currencies for the execution of the works shall indicate in the annex to the bid the percentage(s) of the amount of the bid necessary to cover the needs in foreign currencies, without exceeding the maximum of the three currencies of member countries of the funding institution of the Contract.
- b) The exchange rates used by the bidder to convert his bid into the national currency shall be specified by the bidder in an annex to the bid in compliance with the specifications of the Special Regulations. These rates shall be applied for any payment within the framework of the Contract so that the retained bidder does not bear any change in the exchange rate.

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

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

- (a) The prices of inputs necessary for the works which the bidder intends to procure in the Contracting Authority's country shall be in currency of the Delegated Contracting Authority's country specified in the Special Regulations and called "national currency";
- (a) The prices of inputs necessary for works which bidder intends to procure out of the Contracting Authority's country shall be in the currency of the country of origin of the bidder or of the currency of an eligible member country widely used in international trade.

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

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

#### **Article 16: Validity of bids**

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

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

16.3 Where the Contract does not include a price revision clause and that the period of validity of bids is extended by more than One Twenty (120) days, the amounts payable to the bidder retained shall be updated by application of the related formula featuring in the request for extension that the Delegated Contracting Authority addressed to bidders.

The updating period shall run from the date of overrun of One Twenty (120) days to the date of notification of the Contract or the Administrative Order for start of execution of works by the retained bidder, as specified in the Special Administrative Conditions. The effect of updating shall not be taken into account for purposes of evaluation of bids.

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

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

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

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

17.4 The bid bonds of bidders who are not retained shall be returned within Ten (10) days after Publication of the award result.

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

17.6 The bid bond may be seized:

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

(b) if the retained bidder:

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

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

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

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

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

18.2 Except in the case mentioned in article 18(3) below, bidders wishing to offer technical variants must first assess the basic solution of the Delegated Contracting Authority as described in

the Tender File and furnish in addition all the information which the Delegated Contracting Authority needs for a complete evaluation of the proposed variant, including the plans, calculations, technical specifications, sub-details of prices and proposed construction methods and all other useful information. If necessary, the Delegated Contracting Authority will examine only the technical variants of the bidder whose bid is in compliance with the basic solution has been evaluated as the lowest bid.

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

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

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

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

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

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

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

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

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

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

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

#### **D. SUBMISSION OF BIDS**

##### **Article 21: Sealing and marking of bids**

- 21.1 The bidder shall seal the original and each copy of the bid in separate envelopes (internal envelopes) by marking on these envelopes "**ORIGINAL**" and "**COPY**", as the case may be. The envelopes shall then be placed in another envelope which will equally be sealed but which will not give any indication regarding the identity of the bidder.
- 21.2 The external and internal envelopes:
- a) should be addressed to the Delegated Contracting Authority at the address indicated in the Special Regulations;
  - b) should bear the name and identification number of the project as indicated in the Special Regulations and bear the inscription "**TO BE OPEN ONLY DURING THE BID-OPENING SESSION**" as specified in the Special Regulations.
- 21.3 The internal envelopes should equally carry the name and address of the bidder in a way as to enable the Contracting Authority return the sealed bid if it is late in accordance with article 23 and 24 of the General Regulations.
- 21.4 If the external envelope is not sealed and marked as indicated in paragraphs 21(1) and 21(2) above, the Contracting Authority shall not be responsible if the bid is misplaced or Open prematurely.

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

- 22.1 The bids must be received by the Delegated Contracting Authority at the address specified in article 21(2) of the Special Regulations not later than the date and time stated in the Special Regulations.
- 22.2 The Delegated Contracting Authority may, postpone the deadline set for the submission of the bids by publishing an addendum in accordance with the provisions of article 10 of the General Regulations. In this case, all the rights and obligations of the Delegated Contracting Authority and bidders previously governed by the initial date will henceforth be governed by the new date.

##### **Article 23: Late bids**

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

##### **Article 24: Modification, substitution and withdrawal of bids**

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



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the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

<sup>a</sup> The number of subjects who were included in each group was 10.

[illegible][illegible]

...and the fact that the *Journal of Management Studies* is a leading journal in the field of management studies, it is a great pleasure to have this special issue.

written notification. As the case may be, the envelopes must bear the inscription **"WITHDRAWAL"**, and **"REPLACEMENT BID"** or **"MODIFICATION"**.

- 24.2 Notification of modification, replacement or withdrawal of the bid by the bidder should be prepared, sealed, marked and forwarded in accordance with the provisions of article 21 of the General Regulations. Withdrawal may equally be notified by telex but should in this case be confirmed by a duly signed written notification whose date, post mark being authentic, shall not be posterior to the time-limit set for the submission of bids.
- 24.3 In application of article 24(1), bids being requested to be withdrawn by bidders shall be returned to them unopened.
- 24.4 No bid may be withdrawn during the interval between the submission of bids and the expiry of the validity of bids specified by the model tender. The withdrawal of a bid by a bidder during this interval may lead to the confiscation of the bid bond in accordance with the provisions of article 17(6) of the General Regulations.

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

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

- 25.1 The WIDIKUM Council Internal Tenders Board shall Open the envelopes in single or double phases and in the presence of the representatives of bidders who wish to attend at the date, time and address specified in the Special Regulations. Representatives of bidders shall sign a register attesting to their presence.
- 25.2 Firstly, envelopes marked **"withdrawal"** shall be Open and the contents announced to the hearing of everyone, while the envelope containing the corresponding bid shall be returned to the bidder unopened. Withdrawal shall be allowed only if the corresponding notification contains a valid empowerment of the signatory to request this withdrawal and if this notification is read to the hearing of everyone. Then the envelopes marked **"Replacement bid"** are Open and announced to the hearing of everyone and the new corresponding bid substituted for the preceding one which will be sent to the bidder concerned unopened. The replacement of the bid shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the replacement and read to the hearing of everyone. Lastly, the envelopes marked **"modification"** shall be Open and their contents read to the hearing of everyone with the corresponding bid. The modification of the bid shall only be allowed if the corresponding notification contains a valid empowerment of the signatory requesting the modification and read to the hearing of everyone. Only bids which were Open and announced to the hearing of everyone during the opening of bids shall then be evaluated.
- 25.3 All envelopes shall be Open successively and the name of the bidder announced aloud as well as the possible modification mentioned, the price offered, including any rebates [in case of opening of financial bids] and any variant, where necessary, the existence of a guarantee of the bid if it is required and any other details which the Delegated Contracting Authority deems useful to be mentioned. Only rebates and variants of bids announced to the hearing of everyone during the opening of bids shall be submitted for evaluation.

- 25.4 Bids (and modifications received in accordance with the provisions of article 24 of the General Regulations) which were not Open and read to the hearing of everyone during the bid- opening session for whatever reason, shall not be submitted for evaluation.
- 25.5 Bid- opening minutes are recorded on the spot mentioning the admissibility of bids, their administrative regularity, prices, rebates and time-limits as well as the composition of the Evaluation sub-committee. A copy of the said minutes to which is attached the attendance sheet is handed over to all the participants at the end of the session.
- 25.6 At the end of each bid- opening session, the chairperson of the Tenders Board immediately hands over to the focal point designated by the body in charge of regulation of Public Contract an initialled copy of the bids presented by bidders.
- 25.7 In case of petition as provided for by the Public Contracts Code, it should be addressed to the Minister Delegate in charge of Public Contracts with copies to the body in charge of the regulation of Public Contracts, the head of structure to which is attached the Tenders Board concerned.
- It must reach within a maximum deadline of three (3) working days after the opening of bids in the form of a letter to which is obligatorily attached a sheet of the petition form duly signed by the petitioner and possibly by the chairperson of the Tenders Board.
- The Independent Observer attaches to his report the sheet that was handed to him, including any related commentaries or observations.

#### **Article 26: Confidential nature of the procedure**

- 26.1 No information relating to the examination, clarification, evaluation and comparison of bids and verification of the qualification of the bidders and the recommendation for the award shall be given to bidders or to any person not concerned with the said procedure as long as the preferred bidder has not been made Public, subject to the disqualification of the bid of the bidder and suspension of the authors from all activities in the domain of Public Contracts.
- 26.2 Any attempt by a bidder to influence the Tenders Board or the Evaluation sub-committee of bids or the Delegated Contracting Authority in its award decision may lead to the rejection of his bid.
- 26.3 Notwithstanding the provisions of paragraph 26.2 above, between the opening of bids and the award of the Contract, if a bidder wishes to enter into contact with the Contracting Authority for reasons having to do with his bid may do so in writing.

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

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

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

**Article 28: Determination of compliance of bids**

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

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

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

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

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

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

**Article 29: Qualification of the bidder**

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

**Article 30: Correction of errors**

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

- (a) where there is an incoherence between the unit price and the total obtained by multiplying the unit price by the quantity, the unit price being authentic, the total price shall be corrected, unless the Evaluation sub-committee judges that it is a gross error of decimal point in the unit price in which case the total price as presented shall be authentic and the unit price corrected.
- (b) if the total obtained by addition or subtraction of the totals is not exact, the sub totals shall be considered authentic and the total corrected.

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

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

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

#### **Article 31: Conversion into a single currency**

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

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

#### **Article 32: Evaluation and comparison of financial bids**

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

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

- a) By correcting any possible error in accordance with the provisions of article 30.2 of the General Regulations;
- b) By excluding projected sums and where necessary provisions for unforeseen occurrences featuring in the bill of quantities and estimates but by adding the amount of works done under State supervision where they are costed in a competitive manner as specified in the Special Regulations.
- c) By converting into a single currency the amount resulting from the rectifications (a) and (b) above, in accordance with the provisions of article 31(2) of the General Regulations;
- d) By appropriately adjusting any other modification, divergence or quantifiable reservation on technical or financial basis.
- e) By taking into consideration the various execution time-limits proposed by the bidders, if they are authorised by the Special Regulations;
- f) If need be, in accordance with the provisions of article 13(2) of the General Regulations and the Special Regulations by applying the rebates offered by the bidder for the award of more than one lot, if this Invitation to Tender is launched simultaneously for several lots.
- g) If need be, in accordance with the provisions of article 18(3) of the Special Regulations and the Technical Specifications, the proposed technical variants, if they are permitted, shall be evaluated on their own merit and independently of the fact that the bidder offered or not a price for the technical solution specified by the Contracting Authority in the Special Regulations.

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

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

**Article 33: Preference granted national bidders**

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

**Article 34: Award**

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

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

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

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

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

**Article 36: Notification of award of the Contract**

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

**Article 37: Publication of results of award and petitions**

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

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

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

37.4 In case of petition, it should be addressed to the Public Contracts Authority, with copies to the body in charge of the regulation of Public Contracts, the Contracting Authority and the chairperson of the Tenders Board concerned.

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

#### **Article 38: Signing of the Contract**

38.1 After Publication of the results, the draft Contract subscribed by the successful bidder is submitted to the Delegated Contracting Authority for prior endorsement after visa from Finance Controller.

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

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

#### **Article 39: Final Bond**

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

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

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

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

**Document N°. 3**  
**SPECIAL REGULATIONS OF THE**  
**INVITATION TO TENDER**



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

The criteria relating to the qualification of candidates could be indicative on the following:  
The essential criteria are subjected to minima whose detail is given in the Special Tender Regulation (RPAO).

This evaluation will be done in a purely positive way (yes) or negative (no) with an acceptable minimum from at least 33/44(75%) of the essential criteria taken in account.

The Contract will be awarded to the bidder who would have proposed the offer with the lowest amount, in conformity with the regulations of the Tender Documents and having satisfied to 100% of the eliminatory criteria and at least 37.4/44(85%) of the essential criteria.

**ARTICLE 6 : Language of the bids:**

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

**PRESENTATION OF THE TENDER.**

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

- A) **Administrative Documents**
- B) **Technical Documents**
- C) **Financial Documents**

**5.1 External envelope.**

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

**<< OPEN NATIONAL INVITATION TO TENDER N° 04/ ONIT/WC/ITB/2021 OF 03/06/2021  
FOR THE PURCHASE AND INSTALLATION OF SOLAR STREET LIGHTS IN WIDIKUM TOWN,  
WIDIKUM SUBDIVISION, MOMO DIVISION. >>**

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

N.B: The external envelope should not carry any mark or sign that can lead to the identification of the bidder.

**8.2 Internal envelopes**

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

The first internal envelope shall be labeled;

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

**ADMINISTRATIVE DOCUMENTS.**

DOCUMENT	DESCRIPTION
----------	-------------

- Attestation of availability .....	yes/no
- attestation of presentation of originals .....	yes/no
<b>Chief technician; at least BAC in electricity and at least 03 yrs of experience</b>	
- Certified copy of diploma .....	yes/no
- CV signed and dated .....	yes/no
- Attestation of availability .....	yes/no
- Attestation of presentation of originals .....	yes/no
- Professional experience of chief technician at least three years .....	yes/no
<b>TOTAL 4</b>	<b>/17</b>
<b>d The methodology of intervention and execution of work</b>	
- Site Visit report signed and dated plus 3 pictures each by the bidder.....	yes/no
- Detailed technical note on the organization and execution of works.....	yes/no
- Coherence of synchronized Planning of execution of works.....	yes/no
- Coherence of individual protection plan (IPP) within the project site.....	yes/no
- Coherence of the General Security and Safety Plan (GSSP) within the project site.....	yes/no
- Description of the socio - environment measures for the site protection.....	yes/no
- Attestation of site visit signed on honour by the bidder ..	yes/no
- Coherence in the planning of execution.....	yes/no
- Plan of supply of materials.....	yes/no
- Detailed manpower deployment plan.....	yes/no
- Technical note drawn from site observations and recommendations.....	yes/no
<b>TOTAL 5</b>	<b>/11</b>
<b>e- Pre-financing</b>	
Attestation of credibility shall be at least 65% of the bid price.....	yes/no
<b>TOTAL</b>	<b>/1</b>
<b>TOTAL = TOTAL1 + TOTAL2+ TOTAL3+ TOTAL4+ TOTAL5 + TOTAL6</b>	<b>/44</b>

#### ENVELOPE C- FINANCIAL FILE

No.	DESIGNATION.
C1	A submission letter, signed, dated and stamped.(see ANNEX 3)
C2	Completed and signed frame work of unit prices.
C3	Signed Bills of quantities and cost estimates indicating the total amount without taxes (HT) and with taxes (TTC).
C4	Sub details of unit prices.

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

### **Supply price**

#### **ARTICLE 8: Currency of payment**

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

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

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

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

#### **ARTICLE 9: Transport and delivery**

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

#### **ARTICLE 10: Guarantee and retention guarantee**

##### **10.1 Provisional guarantee**

The amount of the provisional guarantee or guarantee of tender is fixed at **one million four hundred thousand (1,400,000) CFAF**.

The time of validity of this guarantee is One Twenty (120) days as from the date of depositing of the offers.

##### **10.2 Final Bond**

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

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

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

##### **10.3 Guarantee Retention**

Guarantee Retention of ten percent (10%) will be operated on amount including all taxes of the Contract. The corresponding sum will be paid or the released guarantee, with the final acceptance of work.

#### **ARTICLE 11: Period of validity of the offers**

The bidder will remain committed to his offer for One Twenty (120) days as from the handover date of the offers.

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

#### **ARTICLE 12: A number of copies of the offer which must be filled and sent**

The tender, as all the parts accompanying it will have to be given in seven (07) copies, including one (01) original and six (06) copies. The bidder will present his file inside a sealed outer jacket being marked:

**<< OPEN NATIONAL INVITATION TO TENDER No 04/ ONIT/WC/ITB/2021 OF 03/06/2021  
FOR THE PURCHASE AND INSTALLATION OF SOLAR STREET LIGHTS IN WIDIKUM TOWN,  
WIDIKUM SUBDIVISION, MOMO DIVISION. >>  
"TO BE OPEN ONLY DURING THE OPENING SESSION"**

#### **ARTICLE 13: Date and latest time of deposit of offers**

The offers will have to arrive under closed fold and seal latest **02/07/2021** at 10:00am, by mail registered with acknowledgement of delivery or by deposit against receipt to the following address:

**THE OFFICE OF THE CONTRACTING AUTHORITY, WIDIKUM COUNCIL**

Beyond this time no offer will be received nor accepted.

#### **ARTICLE 14: Opening of the tenders**

The opening of the folds will be carried out in the conference room of the WIDIKUM Council on **02/07/2021** as from 11:00am, by the Council Tender Board sitting in the presence of the duly elected bidders or their representatives and having a good knowledge of the file.

### **AWARD OF THE CONTRACT**

#### **ARTICLE 15: Award of the Contract**

The Tenders Board will propose to the Delegated Contracting Authority to award the Contract to the bidder who will have presented the offer with the lowest offer, essentially conforming to the regulations the Tender File, having satisfied to **100% of all the eliminatory criteria and at least 37.4/44(85%) of the essential criteria** taken into account.

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

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

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

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

**ARTICLE 16: COMMENCEMENT OF WORK:**

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

- ❖ The Authorizing Officer or his representative, Mayor of WIDIKUM Council;
- ❖ The Contract Engineer, Divisional Delegate MINEE Momo;
- ❖ The project manager
- ❖ The Divisional Delegate MINMAP Momo or his representative;
- ❖ The Divisional Delegate of MINDDEVEL Momo or his representative
- ❖ The Contractor or his Representative

**Document N°. 4**  
**SPECIAL ADMINISTRATIVE CONDITIONS**  
**(SAC)**

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**Chapter I: General**

**Article 1: Subject of Contract**

The subject of this Contract shall be the purchase and installation of solar street lights in Widikum town, WIDIKUM Subdivision, Momo Division.

**Article 2: Contract award procedure**

This Contract shall be awarded by Open National Invitation to Tender N° 04/ONIT/WC/ITB/2021 OF 03/06/2021.

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

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

- ✓ The Contracting Authority shall be the Mayor WIDIKUM Council; in this respect he preserves the original documents relating to the contract and transmits copies to the Public Contracts Regulatory Agency.
- ✓ The Contract Manager shall be the Secretary General Widikum council. In this capacity, he shall prepare and provide documents in respect to the administrative, technical and financial clauses of this contract.
- ✓ The Contract Engineer shall be the Divisional Delegate of Water resources and Energy for Momo. He shall, validate the different crucial phases of work done, from the installation of the Contractor to the Provisional Technical Reception.
- ✓ **The Contractor shall be [to be specified].**

**3.2 Security**

This Contract may be secured by the use of any form of transfer of the debt.

In this case:

- The authority in charge of ordering payment shall be the Mayor WIDIKUM Council (Authorizing Officer);
- The authority in charge of clearance shall be the Divisional Finance Controller for Momo;
- The body or official in charge of payment shall be the WIDIKUM Council treasury;
- The official competent to furnish information within the context of execution of this Contract shall be the Mayor WIDIKUM Council.

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

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

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



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

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

The constituent Contractual documents of this Contract are in order of priority:

- 1) The tender or commitment letter;
- 2) The bidder's tender and its annexes in all provisions not contrary to the Special Administrative Conditions (GAC) and the Special Technical Conditions (STC) hereunder;
- 3) The Special Administrative Conditions (SAC);
- 4) The Special Technical Conditions (STC);
- 5) The particular elements necessary for the determination of the Contract price, such as, in order of priority: the unit price schedule, the statement of all-in prices, detailed estimates, the breakdown of all-in prices and the sub-details of unit prices;
- 6) Plans, calculation notes, trial documents, geotechnical documents;
- 7) The General Administrative Conditions applicable on Public works Contracts that went into effect by Order N°. 033/CAB/PM of 13 February 2007;
- 8) The General Technical Condition(s) applicable on the services forming the subject of the Contract.

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

This Contract shall be governed by the following general instruments:

1. Framework Law N°. 96/12 of 5<sup>th</sup> August 1996 on the management of the environment;
2. The Mining Code;
3. Instruments governing the various professional bodies;
4. Decree N°. 2001/048 of 23<sup>rd</sup> February 2001 relating to the Setting up, Organization and Functioning of the Public Contracts Regulatory Agency
5. Decree N°. 2003/651/PM of 16<sup>th</sup> April 2003 to lay down the Procedure for Implementing the Tax and Customs System applicable to Public Contracts;
6. Decree N°. 2018/366 of 20<sup>th</sup> June 2018 to institute the Public Contracts Code;
7. Decree N°. 2012/075 of 8<sup>th</sup> March 2012 to organise the Ministry in charge of Public Contracts;
8. Law No 2019/024 of 24/12/ 2019 bearing on the General code of Regional and Local Authorities.
9. Letter N°. 00908/MINTP/DR of 1997 to publish guidelines for the consideration of environmental impact of road maintenance;
10. Circular N° 00000242/C/MINFI of 30<sup>th</sup> December 2020 on instructions relating to the execution of Finance laws, the Monitoring and control of the execution of the Budgets of the State and other entities for the 2021 fiscal year.
11. Unified Technical Documents (DTU) for building works;
12. Applicable standards;
13. Other instruments specific to the domain concerned with the Contract.

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

7.1 All notifications and written communication within the framework of this Jobbing order shall be sent to the following address:

- a) In the case where the contractor is the addressee : beyond the time-limit of 15 days fixed in Article 6 (1) of the GAC to make his domicile known to the Contract manager and immediately after completion of the works, correspondences shall be validly address to council where the Contractor Resides.
  - b) In the case where the Contracting Authority in the addressee: Mayor WIDIKUM Council with copies addressed to the Contract manager and the Engineer.
- 7.2 The contractor shall address all written notifications or correspondences to the Engineer with a copy to the Contract manager.

#### **Article 8: Administrative Orders (Article 8 of GAC)**

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

- 8.1 The Administrative Order to start execution of works shall be signed by the Contracting Authority and notified to the Contractor by the Project Owner with a copy to the Contracting Authority, the Contract Manager, Contract Engineer, the Paying Body and the Project Manager, where applicable.
- 8.2 Upon proposal by the Project Owner, Administrative Orders with an incidence on the objective, the amount and execution deadline shall be signed by Contracting Authority and notified by the Project Owner to the Contractor with a copy to the Contracting Authority, the Contract Manager, the Contract Engineer, the Project Manager and the Paying Body. The prior endorsement of the Paying Body shall possibly be required before the signature of those that have an incidence on the amount.
- 8.3 Administrative Orders of a technical nature linked to the normal progress of the work and without financial incidence shall be signed directly by Contract Manager and notified to the Contractor by the Contract Engineer or Project Manager (where applicable) with a copy to the Delegated Contracting Authority and Contract Manager.
- 8.4 Administrative Orders serving as warnings shall be signed by the Contracting Authority and notified to the Contractor by the Contract Engineer with a copy to the Project Owner and Project Manager.
- 8.5 Administrative Orders for suspension or resumption of work as a result of the weather or any other case of force majeure shall be signed by the Contracting Authority and notified by the Contract Engineer to the Contractor with a copy to the Project Owner, Contract Manager and Project Manager.
- 8.6 Administrative Orders prescribing works necessary to remedy disorders which could appear on structures during the guarantee period and not related to normal usage shall be signed by the Contract Manager upon the proposal of the Contract Engineer and notified to the Contractor by the Contract Engineer.
- 8.7 The Contractor has a time-limit of fifteen (15) days to issue reservations on any Administrative Order received. Having reservations shall not free the enterprise of executing the Administrative Orders received.
- 8.8 Concerning Administrative Order signed by the Contracting Authority and notified by the Project Owner, the notification must be done within a **maximum of 30 days** from the date

of transmission by the Contracting Authority to the Project Manager. **Beyond this deadline, the Contracting Authority shall establish the default of the Project Owner, take over from him and carry out the said notification.**

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

9.1 This Contract has one phase.

At the end of phase one, the Project Owner shall carry out the acceptance of the works and issue an attestation of proper execution to the Contractor. This attestation shall condition the start of the following conditional phase.

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

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

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

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

10.3 Any unilateral modification on the supervisory staff made in the technical bid prior to and during the works shall be a reason for termination of the Contract as mentioned in article 45 below or the application of penalties [to be specified where need be].

**Chapter II: Financial conditions**

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

**11.1 Final bond**

The final bond shall be set at 2% of the amount of the Contract, inclusive of all taxes.

It is constituted and transmitted to the Contract Manager within a maximum deadline of twenty (20) days of the notification of the Contract.

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

**11.2 Performance bond**

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

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

**11.3 Guarantee of start-off advance**

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

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

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

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

- Amount exclusive of VAT: \_\_\_\_\_ (\_\_\_\_\_) CFA F
- Amount of VAT: \_\_\_\_\_ (\_\_\_\_\_) CFA F.
- Amount of AIR \_\_\_\_\_ CFA F
- Net to be paid= EVAT- AIR

**Article 13: Place and method of payment**

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

- a. For payments in CFA francs (*amount in figures and letters exclusive of taxes*) by credit to account N° \_\_\_\_\_ Open in the name of the Contractor in the \_\_\_\_\_ bank.
- b. For payments in foreign currencies (*amount in figures and letters exclusive of taxes*) by credit to account N° \_\_\_\_\_ Open in the name of the Contractor in \_\_\_\_\_ bank.

**Article 14: Price variation (Article 20 of GAC)**

13.1 Prices shall be firm.

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

13.2 Price updating modalities (not applicable)

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

(not applicable)

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

(not applicable)

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

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

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

- The quantities considered shall be the hours used or the quantities of building materials and materials used that was the subject of joint job cost sheets;

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

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

The work done shall be evaluated using the unit price.

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

19.1 Materials supplied shall be received by the competent technical commission. The contractor shall present purchase receipts for these materials.

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

**Article 20: Advances (article 28 of the GAC)**

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

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

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

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

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

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

**21.1 Establishment of works executed**

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

**21.2 Monthly detailed account**

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

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

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

- 100-2.2/5.5% paid directly into the account of the Contractor;
- 2.2 or 5.5 % paid to the Public treasury as AIR due by the Contractor.

The amount of payment on account shall not exceed the value of the technical execution phases carried out.

Payment on account may be spread over the duration of the execution of the Jobbing Order according to technical execution phases as defined in the Jobbing order.

Payment on account shall take place within thirty (30) days from the date of transmission to the competent accounting officer, of the documents giving entitlement to payment.

The contractor shall transmit seven (7) copies of the partial invoices to the Engineer for approval before the 5<sup>th</sup> of the month following the works executed.

The Engineer shall within a time-limit of seven (7) days forward the approved partial invoices to the Contract manager.

The Contract manager has a maximum time-limit of twenty-one (21) days to sign the partial invoice and to produce the documents giving entitlement to payment on account and transmit same to the competent accounting officer.

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

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

Possible interests on overdue payments are paid by statement of sums due in accordance with article 88 of Decree N°. 2018/366 of 20<sup>th</sup> June 2018 to institute the Public Contracts Code.

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

##### **A. Penalties for delay**

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

- a) One two thousandth (1/2000<sup>th</sup>) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30<sup>th</sup> day beyond the Contractual time-limit;
- b) One thousandth (1/1000<sup>th</sup>) of the initial amount of the Contract inclusive of all taxes per calendar day beyond the 30<sup>th</sup> day.

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

##### **B. Specific penalties**

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

- Late submission of final bond;
- Late submission of insurances, shall be one five thousandth (1/5000<sup>th</sup>) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30<sup>th</sup> day beyond the Contractual time-limit;
- Late submission of the draft execution schedule if the lateness is caused by the Contractor shall be one five thousandth (1/5000<sup>th</sup>) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30<sup>th</sup> day beyond the Contractual time-limit;

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

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

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

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

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

25.3 *The Contractor has up to thirty (30) days to return the corrected and approved final detailed account to the competent accounting officer.*

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

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

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

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

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

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

**Article 27: Tax and customs regulations (article 36 of the GAC)**

Decree No. 2003/651/PM of 16 April 2003 lays down the Terms and Conditions for Implementing the Tax regulations and Customs Procedures applicable to Public Contracts. The taxes applicable to this Contract include notably:

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

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

All taxes inclusive prices means VAT included.

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

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

### **Chapter III: Execution of works**

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

The works shall include especially:

Work to be done consists of

- ✓ setting out structures,
- ✓ Site installation,
- ✓ Civil engineering works,
- ✓ Erecting and installation of solar lamps

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

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

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

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

31.1 The time-limit for the execution of the works forming the subject of this Contract shall be **one hundred and twenty (120) days**.



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

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

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

### **35.2 Execution draft**

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

b) The Contract Engineer has a deadline of five (05) days to examine and make known his observations. The Contractor then has a deadline of (04) four days to present a new file including the said observations.

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

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

36.1 Signboards at the beginning and end of each section must be placed within a maximum deadline of fifteen days after the notification of the Administrative Order to commence work. It must have the following characteristics: Height = 2.80m, width=1.20m, board thickness=2.5cm at 1.20m above the ground level. The Contract Engineer shall put at the Contractors' disposal the text to be used.

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

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

### **Article 37: Implantation of structures**

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

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

The part of the works to be sub-Contracted shall be 30 % of the initial amount of the Contract and its additional clauses.

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

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

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

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

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

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

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

**CHAPTER IV: ACCEPTANCE**

**Article 42: PROVISIONAL ACCEPTANCE**

**42.1 PRE- ACCEPTANCE OPERATIONS**

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

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

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

- Contract Engineer,
- Contractor,
- DD MINMAP.

During this pre-reception, the Engineer shall eventually specify the reserves to be lifted and the corresponding works to be effected before the reception. The Mayor shall fix the reception date in collaboration with the Engineer.

**42.2 Acceptance**

The acceptance commission shall comprise:

- 1- The Contracting Authority or his representative ..... (Chairman)
- 2- The Contract Engineer.....(Secretary)
- 3- The contract manager.....(Member)
- 4- The stores accountant at WIDIKUM Council .....(Member)
- 5- The Contractor or his Representative.....(Member)
- 6- The DD MINMAP Momo or his representative.....(Observer)
- 7- The DD MINDDEVEL Momo or his representative ..... (Observer)

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

**ARTICLE 43: DOCUMENTS TO BE FURNISHED AFTER EXECUTION**

43.1 The contractor shall furnish within one (1) month after completion of the works five (05) copies of all working documents and drawings as executed, especially those relevant to the exploitation and maintenance of the works.

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

**Article 44: GUARANTEE PERIOD.**

The guarantee period is one (01) year from the date of the provisional acceptance.

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

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

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

**Chapter V: Sundry provisions**

**Article 46: Termination of the Contract (article 74 of the GAC)**

The Contract may be terminated as provided for in Part III Paragraph IV of Decree N°. 2018/366 of 20<sup>th</sup> June 2018 and equally under the conditions laid down in articles 74, 75 and 76 of the GAC especially in one of the following cases:

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

**Article 47: Case of force majeure (article 75 of the GAC)**

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

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

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

Disagreements and disputes resulting from the execution of this Contract may be settled amicably. Where no amicable solution can be found for a disagreement, it is brought before the competent court in the North-West Region of the Republic of Cameroon.

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

Twenty (20)] copies of this Contract shall be produced at the cost of the Contractor and furnished to the Contract Manager.

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

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

**Document N°. 5**  
**SPECIAL TECHNICAL CONDITIONS**  
**(STC)**

## Conteni

Chapitre I : General dispositions.....	Article 1 <sup>er</sup> : Goal of SIC.....
Article 2 : Duties of the contractor.....	Article 3 : Nature of work .....
Article 4 : Normes and regulation text .....	Article 5 : Quality and source of material.....
Article 6 : Organisation of the site, date/lions-penalties .....	Article 7 : Modifications of contract during execution .....
Article 8 : site visits and meetings.....	Article 9 : Hygiene, safety and conditions of work.....
Article 10 : Number and qualification of the contractor .....	
Chapitre II : Technical specifications of the general works.....	Article 11 : Definitions .....
Article 12 : The metal pole.....	Article 13 : The luminary.....
Article 14 : The solar photovoltaic modules.....	Article 15 : Solar Batteries.....
Article 16 : the solar charge controller.....	Article 17 : Earth protection and thunder arrestor.....
Article 18 : Command of the solar streetlights .....	Article 19 : Fixing and civil works.....
Article 20 : Calculation.....	Article 21 : Technical Characteristics of the work .....

1. The first part of the paper is devoted to a general discussion of the problem of the existence of a solution of the system of equations (1) for arbitrary values of the parameters  $\alpha$  and  $\beta$ .

2. In the second part, the problem of the existence of a solution of the system of equations (1) for arbitrary values of the parameters  $\alpha$  and  $\beta$  is solved.

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## **Article 1: Goal of the STC**

This present STC helps to inform the bidder on the nature of the work to be done, the consistency, the size and the technical specifications to be observed. It is however not limited and the bidder has to execute as per the prices without exception nor reserves all the works contained in this tender file with all professionalism using cutting edge techniques. The diagrams and plans contained in this document are simple synoptic for ease understanding of the project.

## **Article 2: Duties of the contractor**

The fact that the contractor has to execute the job without modifying the technical prescription done by the engineer doesn't attenuate in any way his full and total responsibilities. However, a site visit will help to have a better visibility of the project to be done.

In the case of insufficiencies or errors, the contractor has to refer to the engineer in good time such that he will have enough time to submit the corrections. He the engineer remains responsible for the errors and have the singular ability to bring about the modifications or observation of this clause.

The contractor will be responsible for every destruction or accidents committed by his personnel in the cause of the works.

## **Article 3 : Nature of work**

The nature of work described in this document is to purchase and install solar street lights in Widikum town, Momo Division.

## **Article 4 : Normes and regulation texts**

### **4.1- Normes and general texts**

The consistency of the works is subject to prescriptions, Laws, Decrees, Arretes, Standards, Norms and Publications inforce in Cameroon and in relation to the management of the electricity sector and or the Labour Code. By default of these texts, the following recommendations from Comité Électrotechnique International (CEI) will apply:

- European norms CEN-CENELEC (EN) ;
- French norms AFNOR ;
- UTE norms – class C relating to electrical installation (NF C 10-100 ; NF C 10-101 ; NF C 10-200 ; NF C 13.100 ; NF C 14.100 ; NF C 15.100) and supplementary ;
- les Documents techniques unifiés (DTU).

### **4.2- Normes and texts relating to the installation of solar photovoltaic**

The installation of solar photovoltaic of this present tender file must be in conformity to prescriptions, laws, decrees, arretes, standards, norms and publications inforce in Cameroon, and relating to renewable energy and low voltage electric installation:

- UTE C 57-300 : descriptive parameters for a photovoltaic system ;
- UTE C 57-310 : direct transformation from solar energy to electrical energy;
- NF EN 61727 : photovoltaic system(PV) – Characteristics and grid connected interface;
- NF EN 61173: High voltage protection in solar photovoltaic systems and energy protection.
- CEI 61724 : surveillance of quality functioning of the solar photovoltaic system– Recommandations pour la mesure, le transfert et l'analyse des données
- NF EN 60904-3 (C57-323) photovoltaic Disposition -- Part: Measuring the photovoltaic characteristics Current-voltage - Part 3: Principle of measuring the solar photovoltaic dispositive (PV) to be used on the ground including spectral lighting which is reference.
- NF EN 61215 Silicon monocrystalline of polychrystalline photovoltaic modules (PV): Qualification of the conception and homologation.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973). The total chlorophyll content was determined by the method of Arar and Cook (1980). The carotenoid content was determined by the method of Lichtenthaler and Whistler (1973). The total carotenoid content was determined by the method of Arar and Cook (1980). The total protein content was determined by the method of Lowry et al. (1951). The total lipid content was determined by the method of Bligh and Dyer (1959). The total carbohydrate content was determined by the method of Dubois and Gilles (1950). The total nucleic acid content was determined by the method of Burton (1956). The total ash content was determined by the method of AOAC (1990). The total moisture content was determined by the method of AOAC (1990). The total dry matter content was determined by the method of AOAC (1990). The total organic acid content was determined by the method of AOAC (1990). The total alkaloid content was determined by the method of AOAC (1990). The total saponin content was determined by the method of AOAC (1990). The total tannin content was determined by the method of AOAC (1990). The total flavonoid content was determined by the method of AOAC (1990). The total phenol content was determined by the method of AOAC (1990). The total terpenoid content was determined by the method of AOAC (1990). The total steroid content was determined by the method of AOAC (1990). The total glycoside content was determined by the method of AOAC (1990). The total alkaloid content was determined by the method of AOAC (1990). The total saponin content was determined by the method of AOAC (1990). The total tannin content was determined by the method of AOAC (1990). The total flavonoid content was determined by the method of AOAC (1990). The total phenol content was determined by the method of AOAC (1990). The total terpenoid content was determined by the method of AOAC (1990). The total steroid content was determined by the method of AOAC (1990). The total glycoside content was determined by the method of AOAC (1990).

— *Journal of the American Medical Association*, 1997

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

the 1990s, the number of people in the world who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million.

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1. 1990年12月25日，在俄罗斯莫斯科市，俄罗斯总统叶利钦在克里姆林宫正式签署《俄罗斯联邦宪法》，宣布俄罗斯联邦正式成为民主国家。

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973). The total chlorophyll content was determined by the method of Arar and Johnson (1977). The carotenoid content was determined by the method of Lichtenthaler and Whistler (1973). The total carotenoid content was determined by the method of Arar and Johnson (1977). The total protein content was determined by the method of Lowry et al. (1951). The total lipid content was determined by the method of Bligh and Dyer (1959). The total carbohydrate content was determined by the method of Dubois and Gilles (1950). The total nucleic acid content was determined by the method of Burton (1956). The total ash content was determined by the method of AOAC (1970). The total water-soluble carbohydrate content was determined by the method of Dubois and Gilles (1950). The total water-soluble protein content was determined by the method of Lowry et al. (1951). The total water-soluble lipid content was determined by the method of Bligh and Dyer (1959). The total water-soluble nucleic acid content was determined by the method of Burton (1956). The total water-soluble ash content was determined by the method of AOAC (1970).

2000年12月15日

<sup>a</sup> The number of subjects who were included in each group was 10.

1. *Journal of the American Medical Association*, 1997; 277: 1033-1036.

*Journal of Management Education* 30(6)

1. *Chlorophyll a* (Chl *a*)

• *Journal of the American Medical Association*, 2000; 284: 1039-1044.

[illegible]

- NF EN 61730-1 (C 57-111-1) Qualification for the certainty of functioning of photovoltaic modules Part 1: Demands for the construction.
- NF EN 61730-2 (C 57-111-2) Qualification for the certainty of functioning of photovoltaic modules Part 3: Demands for Testing.

#### **4.3- Normes and text relating to the installation of street lighting.**

Solar street lighting which is the subject of this tender file must be in conformity to prescriptions, laws, decrees, arretes, standards, norms and publications in force in Cameroon, and relating to the installation of street lighting. By default of these texts, the following recommendations will apply:

- NF EN 60598 on the safety of luminaries;
- UTE C 17-205 applicable to the characteristics of streetlighting installations;
- NF C 17-200 Relating to installations destined for public streetlighting;
- NF C 17-202 applicable to illumination installations and lighting purposes;
- NF EN 13201 concerning public lighting parts 1, 2, 3 and 4.
- NF EN 40 concerning poles of public lighting.

#### **4.4- Other text**

The fact that all the regulations have not been mentioned requires the contractor to conform to them. The contractor after signing the contract takes the responsibility to conceive and execute the project. He is called upon to submit his remarks on the design of this document before signing the contract. In case in the course of the execution of this project, new regulations are enforced, the contractor has to inform the engineer by writing specifying the modalities of applying the new regulations and their incidence in course.

#### **Article 5: Quality and source of material**

All the material, appliances and diverse accessories to be used for this installation of this project must be new and of first quality.

The bidder has to furnish alongside his offer and the state of the material, a descriptive list of his suppliers and documents justifying the supply or an eventual partnership. In the course of the works, replacements of material will not be possible without authorization from the engineer.

#### **Article 6: Site Organizations – duration – penalties**

All necessary measures for the execution of this present project must be respected. (Supply and temporal connection, time management etc.). The contractor must ensure the supply of the material in good time and the necessary suppliers for a consistent work evolution. No material delivery will be used as an excuse for lateness on the prescribed schedule.

#### **Article 7: Modifications of works during execution**

No change in the project shall be accepted in the course of the works without authorization of the project owner.

#### **Article 8: Site visit meetings**

Prior to the start of the works, a site visit will be organized to peck the site in the presence of the contractor. Once convened for a meeting at the site by the project owner or his representative, the contractor must take part in this meeting.

#### **Article 9: Hygiene, safety and conditions of work**

##### **9.1- General safety measures**

All regulatory dispositions concerning hygiene and safety at work for workers must be respected by the contractor or by his sub-contractor. In addition, it is also imperative to respect the dispositions of article 10 of this present STC.

## **9.2- Specific measures for safety**

In order to limit risks in the framework of these works, subject of this installation works, some security measures will have to be implemented such as:

- Lifting works: the use of individual protective equipment (helmet, overalls, gloves, safety shoes...); the use of appropriate lifting devices; the use of homologated tools and appliances for external use (tools, portable electrical tools, extension cords, mobile lamps, generator etc.);
- Electrical works: the use of individual protective equipment; the use of collective safety material (protective bands, etc.); the respect of the right procedure in the installation;
- Working at heights: the use of appropriate temporal or permanent material (mobile ladders, scaffold, crinoline ladder,...); the use of individual protective equipment (helmet,...); signaling and limiting areas of work from risk zones of falling objects (barriers, bands, sign board...).

### **Article 10: Number and qualification of staff**

The competing bidders for awards subject to this tender, out of training personnel, as stipulated in table 2 of the particular regulations of the offer, a team of operators with at least 8 persons. They should show prove of relative experience in similar works like installations of the modules and frames, the putting in place of photovoltaic installations, electric wiring, working at heights, sheet metal works, wood works and masonry.

On the organization chart furnished by the competing bidder in his technical offer of the bids should specify the function and the tasks of each staff.

## **Chapitre II: General Technical Specifications for the project.**

### **Article 11: Definition**

A solar streetlight is a dispositive for public lighting that functions through the use of solar photovoltaic energy. Withing the framework of this STC, it consists of :

- A pole : this describes the arm and the stalk;
- A luminary or the head of the streetlights: it's the sum up of the mechanical, optical, and electrical parts that carries one or more lamps. It permits on the one hand to distribute and control the luminous flux and on the other hand protects the lamps, the electric circuit and the mechanical dispositive from atmospheric effects
- One or photovoltaic modules;
- One or more batteries for storage;
- A charge Controller;
- A set of control dispositive, cables and earth;
- A flat plate for fixture.

### **Article 12: The pole**

Of galvanized steel, it has to be sized to withstand or carry the set of the streetlighting dispositive. The height should be 8m, of diameters 115mm at the base.

The arm should be horizontally oriented to the reflector ensuring an appreciable supplement of the liminal flux across the road with reduced losses.

### **Article 13: The luminary**

The luminary consists of an optical system incorporating a reflector, a refractor and a control mechanism. This setup should supplement a high efficiency without supplement luminous flux above the horizon. The head of the luminary should hence be flat, transparent and in a horizontal posture. We should avoid convex and non-transparent heads which disperses supplement flux thereby provoking useless losses.

The lamps should be of the LED type with a nominal power of 40W (DC, 12V) with an effective luminosity greater or equal to 70 lm/W and a minimal life span of 50 000 hours.

The linear luminous power should not exceed 75 kilolumens/km for roads of less than 10m wide and 150 kilolumens/km for roads of more than 10m wide.

#### **Article 14: Photovoltaic modules**

The modules of photovoltaic cells must resist the supplement climatic conditions described below:

- Temperature :  $10^{\circ}$  à  $+ 85^{\circ}\text{C}$
- Relative Humidity : uptill 100%
- Wind speed: weak constraints in the Center and south Regions of Cameroon.
- Precipitations : continues severe rains
- particular conditions (tropical climate of the equatorial type, etc.)

The photovoltaic Les modules must supplement the standard CEI 61215 for chrystaline modules.

The maximum operational voltage should be clearly specified on the datasheet and on the name plate of the module. It must be compatible with the voltage put in place for the normal functioning of the lamps.

The module soulon have :

- A junction box where appropriate connectors of IP54 at least are used ;
- A bypass diode (diode for derivation).

All precautions must be taken in a manner to avoid every risk link to corrosion by electrolytic coupling between the photovoltaic module and the frames or racks.

#### **Article 15 : The solar Batteries**

The solar batteries are sized such that it functions from 6am to 6pm with a 3 days autonomy. It must restitute a constant current flow during long periods while preserving its ability to recharge. Class A lithium ion batteries are of preference and must have the following characteristics:

- A high efficiency (0,9 in Ah) ;
- Cycle and life span: the number of charging/discharging of about 200cycles at 80% depth of discharge;
- autodischarge : a good solar battery must not have more than 3 to 5 % of monthly losses capacity at  $20^{\circ}\text{C}$  ;

to avoid the accumulation of explosive gas, we need to watch out for good ventilation of the batteries. A supplementary water tight container will constitute a good protection in case of acid.

#### **Article 16 : Charge controller**

The charge controller protects the battery against overcharging from the modules and deep discharges by the load. For the purpose of this jobbing order, the following charge controller of the series model will be used for the following criteria:

- an eventual reverse biased diode of type « schottky » ;
- quality contacts with easy access;
- a minimum internal consumption (few mA maximum) ;
- a load thermal compensation ( $T > 30^{\circ}\text{C}$  and  $T < 0^{\circ}\text{C}$ ) ;
- an output manual faulty breaker;
- full charge indicators and output cut;
- an output protection (fuses).

### **Article 17 : Earth and lightning discharge protection**

The interconnection of masses is of a fundamental importance for the proper functioning of protection against lightning and over voltage. The metallic masses of equipment must be interconnected and linked to the earth.

In a mode of protecting the equipment against indirect lighting faults, thunder arrestors must be installed in different liaisons.

### **Article 18 : Control of the streetlamps**

A control dispositive for the streetlamps must allow the lamps to be controlled in lighting and turning off during appropriate hours by the help of usual dispositives (contactors, switches, etc.). This dispositive can eventually be integrated into the charge controller. A dispositive to vary the power will permit us reduce the energy consumption in the middle of the night.

### **Article 19 : Fixtures and civil works**

The solar lamps will be fixed on the ground through a four foot beam casted heavily with reinforced concrete and with the help of flat fixture. This setup must be sized following the rules of the art to withstand the weight of the solar lamp.

### **Article 20 : Calculations**

(The bidder has to present in his offer a calculation note with details and then completing the table below)

|                     |   |  |       |
|---------------------|---|--|-------|
| <b>GENERAL DATA</b> | Energy demand (Wh/j)                      |  | 312   |
|                     | Solar Irradiation (kWh/m <sup>2</sup> /j) |  | 4     |
|                     | Norminal voltage (V)                      |  | 12    |
|                     | Lighting efficiency                       |  | 1     |
|                     | Efficiency of the PV generator            |  | 14.1% |
|                     | Battery efficiency                        |  | 0.85  |
|                     | Inverter efficiency                       |  | n/a   |
|                     | Charge controller effeciency              |  | 0.90  |
|                     | Depth of discharge of battery             |  | 0.90  |

|                               |                      |                          |      |
|-------------------------------|----------------------|--------------------------|------|
| <b>PHOTOVOLTAIC GENERATOR</b> | Factor of correction |                          | 65%  |
|                               | Puissance crête (kW) |                          | 0.12 |
|                               | Modules              | Power                    | 130  |
|                               |                      | Voltage                  | 12   |
|                               |                      | Number of series modules | 1    |
|                               |                      | Number of branches       | 1    |
|                               | Total power (W)      |                          | 120  |

|                |                       |                     |       |
|----------------|-----------------------|---------------------|-------|
| <b>BATTERY</b> | Autonomy              |                     |       |
|                | Storage capacity (Ah) |                     | 114.7 |
|                | Batteries             | Capacity            | 120   |
|                |                       | Voltage             | 12    |
|                |                       | Number of series    | 1     |
|                |                       | Nummber of branches | 1     |
|                | Total capacity (Ah)   |                     | 120   |

|                          |                             |      |
|--------------------------|-----------------------------|------|
| <b>CHARGE CONTROLLER</b> | Input current (A)           | 10.8 |
|                          | Output current (A)          | 3'3  |
|                          | Current characteristics (A) | 15   |

# **Article 21 : Technical Characteristics of the offer**

(to be completed by the bidder)

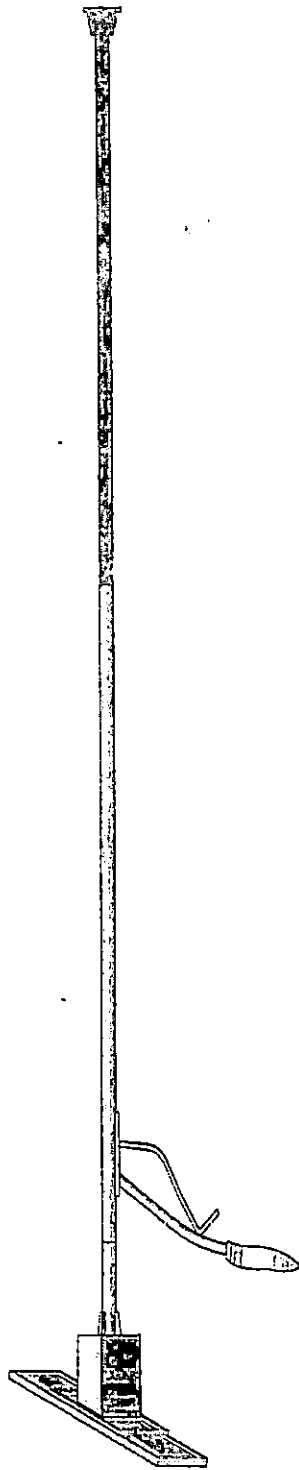
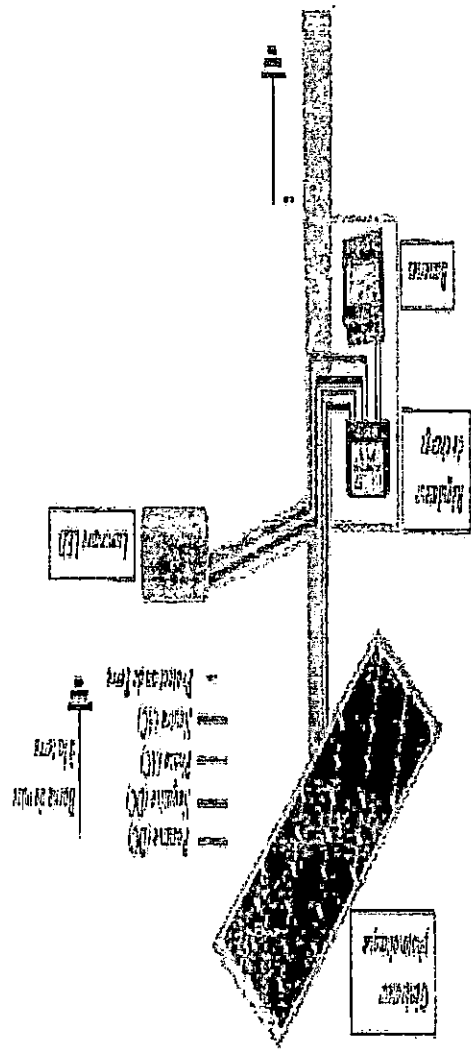
| <b>PHOTOVOLTAIC GENERATOR</b> |                                 |                         |
|-------------------------------|---------------------------------|-------------------------|
| Solar panels                  | Brande                          | /                       |
|                               | Type                            | Mono cristal            |
|                               | Power                           | 130Wc                   |
|                               | Efficiency                      | 20%                     |
|                               | Norminal voltage                | 12V                     |
|                               | Number                          | 1                       |
| Battery                       | Brande                          | /                       |
|                               | Type                            | LiFePO4, class A        |
|                               | Capacity                        | 120AH                   |
|                               | Voltage                         | 12                      |
|                               | Nber of cycles at 80% discharge | 2000                    |
|                               | Nber of cycles at 30% discharge | 8000                    |
|                               | Efficiency                      | 90%                     |
| Charge controller             | Brand                           | /                       |
|                               | Current                         | 15A                     |
|                               | Voltage                         | 12V/24V                 |
|                               | Autoconsumption                 | 15mA                    |
|                               | Automatic disconnection         | yes                     |
|                               | MPPT Localisation               | yes                     |
| Exploitation Temperature      |                                 | -40o to 60oC            |
| Protection index              |                                 | IP65                    |
| <b>Pole</b>                   |                                 |                         |
| Material                      |                                 | Galvanized Steel        |
| Height                        |                                 | 8m                      |
| Implantation                  |                                 | Fixed of concrete Pilar |
| Interval                      |                                 | N/A                     |
| <b>LUMINARY</b>               |                                 |                         |
| Brand                         |                                 | /                       |
| Type                          |                                 | LED                     |

|  |               |             |
|--|---------------|-------------|
| Power  | 40W           |             |
| Maximum power of luminus flux  | 4000lm        |             |
| Luminous efficiency  | 150lm         |             |
| Duration of Authonomy with battery charged to maximum.   | 40h           |             |
| Temperature of the colour (K)  | 4500k         |             |
| Life span of the luminary (h)  | 50000h        |             |
| Head (form/orientation)  | Half a circle |             |
| Commande dispositive (precise)   | Remote        |             |
| CYCLE OF MAINTENANCE AND GUARRANTEE  |               |             |
| Recommended Replacement of Battery after (precise the number of years)                           | 10 years      |             |
| Recommended Remplacement of lamps after (precise the number of years)                            | 20 years      |             |
| Guarantee of solar production after production (precise the percentage of production guarrantee) | 2 years       | 98%         |
|  | 5 years       | 95%         |
|  | 10 years      | 85%         |
| FIXATURES AND STREETLAMPS  |               |             |
| Reinforced concrete  | Composition   | 350Kg/m3    |
|  | Dimensions    | 50x50x100cm |
| Metal plate  | Material      | steel       |
|  | Dimensions    | 29x29cm     |
| Foundation rods  | Material      | steel       |
|  | Number        | 4           |
|  | Dimensions    | 120cm       |



# SYNOPTIQUE DES LAMPADAIRES

Schéma synoptique des lampadaires



## CHAPTER III: WORK EVALUATION METHOD

Article 21: Calculation of the Level of Realization.

Article 22: Provisional Reception

Article 23: Conditions for the Final Reception

## INTRODUCTION

The technical specifications presented herein below define the works that shall be executed during the *purchase and Installation of Solar street Lamps in Widikum town, Momo Division of the North West Region* and the manner in which these works shall be carried out. So the Contractor is expected to read these specifications critically and identify all the articles that are applicable to his job.

## CHAPTER I: GENERAL INFORMATION

### **Article 1: Volume of Work to be executed.**

In each case, the volume of work to be executed is indicated in the bill of quantities, network maps and/or plans that are provided. The various works to be executed shall conform to the relevant terms of the technical specifications given herein below.

### **Article 2: General instructions**

It should be understood that the provision of the bill of quantities does not absolve the potential Contractor of the necessity to affect a well-planned site visit, at his own expense, to gain complete knowledge of the conditions prevailing on the terrain. This knowledge shall come in handy when preparing the List of Tasks and the Unit Price Schedule. Potential Contractors (or Bidders) shall provide a detailed and sequenced List of Tasks to be effected on each component of the project. Within fifteen (15) days from the date of notification to start work, the Contractor shall provide the Control Engineer with:

- A detailed plan of the work, showing the scheduling of the various works to be executed in time
- Detailed technical drawing of the works to be realized
- A manpower deployment plan
- A schedule of the delivery of materials to the project site, showing possible delays
- Failure to forward the foregoing documents shall engender the postponement of the reception of project materials, which could result in a punishable overall delay in the execution of the project.

No material shall be used that has not been checked for conformity with the technical specifications by the Control Engineer.

The Control Engineer reserves the right to modify the plans and work schedule provided by the Contractor, which modification shall first be submitted to the Authorizing Officer for approval. Under exceptional circumstances, the Control Engineer may suggest modifications to the technical specifications for any component of a project to the Authorizing Officer, while making sure that the overall cost of the project stays within the limits of the financial bid of the contractor.

Any modification must be done in writing, with sufficient justification. For this purpose, a numbered page book (the project log book) shall be kept on site in which the Control Engineer shall write his approved instructions. Both the Contractor, or his representative, and the Control Engineer shall initial every page of the project logbook.

It is therefore obligatory for the contractor to execute the works in conformity with:

- The Bills of Quantities and Estimates,
- The Special Administrative Clauses
- The Special Technical Clauses stated herein,
- Any other special rules and regulations that may be applicable to this job,
- The work schedule,
- The detailed technical drawings,

Subject to any approved modifications indicated in the project log book by the Control Engineer.

The Contractor shall take note of any omission or discrepancies that may exist in the three documents mentioned in the preceding paragraph, which omission or discrepancies could fundamentally affect the technical or aesthetic quality of the works executed to his detriment, and call the attention of the Supervisory Engineers who shall remain at his disposal of the Contractor for necessary information and inquiries through the duration of the project.

In this regard, the contractor shall not absolve himself of the responsibility for poor quality work by citing imprecision, omissions or discrepancies in the technical specifications or modifications thereof indicated in the project log book by the Control Engineer.

Any works effected without regard for the foregoing instructions or provisions shall be demolished at the expense of the contractor.

## **CHAPTER II - WORKS TO BE DONE BY THE CONTRACTOR**

### **Article 3: Role of the Contractor**

The Contractor who shall be chosen after this call for tender, shall be responsible to execute all the works outlined here. These include all the phases from supply and installation of the entire solar street lamps in their earmarked points and insures safety around the given points .

### **Article 4 : Work plan**

The Contractor shall execute the work within a deadline of four (04) months as from the date of notification of the service order to start work.

### **Article 5 : Guarantee of works**

The Contractor shall take an engagement to supply/installed the solar street lamps with proposed accessories and to respect all the technical norms in force.

In case of an accident leading to the abandonment of any of the working site, the Contractor is not compeled to another site. The Contractor shall not be entitled to any remuneration for the abandoned structure site.

The obligations of the Contractor during the guarantee period consist of changing, or repairing the worn out parts or those that have been damaged due to an error by the manufacturer.

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## **CHAPTER IV: METHOD OF EXECUTION**

### **Article 13: General Information.**

#### **13.1 Security at Worksite.**

The Contractor shall place at the entrance to work site signboards in bold letters indicating that work is underway and prohibiting the public and unauthorized persons from entering the work site. He shall be responsible for any accident that may occur on the work site or may be suffered by a third party, his staff and employees or officials of the Administration as a result of their presence on the work site. Organization of work and security on the work site shall therefore be the sole responsibility of the Contractor. Furthermore, the Contractor shall be bound by the labour legislation in Cameroon vis-à-vis his workers and the Administration. Moreover, his insurance policy shall cover any damages he could cause to any one during the execution of the job.

#### **13.2. Organization at Worksite.**

The success of this project largely depends on the perfect coordination of the different activities by the Contractor (the Supply and the installation of poles, lamps, batteries respecting the appropriate electric technics, the construction of the superstructures with good support systems, project sustainability). This coordination requires the strict respect of the execution plan of the installation Scheme which contains the outlined execution plans of the different activities.

The Enterprise shall place its Technical Director who shall be responsible to the Administration and on the worksite, the work execution shall be supervised by a Foreman who is well qualified and experienced in the domain of Electrical installations, and project sustainability. The execution plan should be conceived in such a way that the different phases will be done without any break.

The state of work progression shall be established monthly and if after two months, the progression rate is considered low, the Contractor will be asked to deploy additional means to the worksite so as to accelerate work progression and meet up with the deadline.

During the work execution, the Administration has the right to modify the work.

#### **13.3. Working Time**

The general conditions fixed for workers by the Cameroon Legislation also applies to the Contractor's workers in the worksite. There shall be no work at night.

### **Article 14 : Traffic**

The Contractor shall be responsible for ensuring that traffic is not obstructed on the entire stretch of his work site throughout the duration of the work, right up till provisional reception. No obstruction of traffic shall be allowed for more than two hours. Maintenance of traffic flow shall be the responsibility of the Contractor. In case of any breach of contract in this matter, the Control Engineer may bring in a third party to correct any shortcomings that may be impeding the traffic flow, and related expenses shall be borne by the Contractor. Where interference of the traffic flow for a given period is inevitable, the Contract Engineer shall be informed of the situation at least 7 days in advance, so that he can seek the opinion of local Administrative authorities and get everything arranged beforehand.

In case a deviation has to be used, the contractor shall submit to the Contract Engineer for approval after consultation with local administrative authorities, the deviation route and his plan for maintaining the deviation throughout the duration of the works that have necessitated the deviation.

1. The first part of the paper discusses the importance of the study of the history of the United States.

2. The second part of the paper discusses the importance of the study of the history of the United States.

3. The third part of the paper discusses the importance of the study of the history of the United States.

4. The fourth part of the paper discusses the importance of the study of the history of the United States.

5. The fifth part of the paper discusses the importance of the study of the history of the United States.

6. The sixth part of the paper discusses the importance of the study of the history of the United States.

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9. The ninth part of the paper discusses the importance of the study of the history of the United States.

10. The tenth part of the paper discusses the importance of the study of the history of the United States.

## **CHAPTER VI: WORK EVALUATION METHOD**

### **Article 23: Control of the Works.**

The supervision and control of the works shall be done by Follow-up Engineers under the coordination of the Contract Engineer.

### **Article 24: Worksite logbook.**

In order to carry out an effective follow-up of the execution of the project, the Contractor shall make available in the worksite a logbook on which shall be recorded everything concerning work progression. This log book will help the Controller, on arrival in the worksite, to exactly know the state of evolution of the project.

The book will be held by the "Recorder", an employee of the Enterprise, and that will be his sole task in the worksite. The Recorder shall always put in writing all the daily activities in this book, as operations evolve.

In this book shall be recorded the following informations:

- Name of worksite (name of village),
- Serial number of project in the Council,
- Dates and time of commencement of work,
- Numbers of street lamps,
- Length of distribution network,
- In short, all the technical details, incidents, breakdowns, difficulties specific to the evolution of the project, indicating the time these occurred.

The book shall be signed by the Representatives of the Administration and that of the Contractor, and shall serve as the basis for the establishment of vouchers.

Remarks and reserves made by the Contractor and/or the Administration shall be recorded in this book.

### **Article 25: Control and Supervision**

The control of works shall be carried out by a Contract and Follow-up Engineers and shall be based on the following items:

- Definition of the work plan and its execution calendar in agreement with the Contractor.
- Choice of the configuration of the network and superstructures (construction of valve chamber, standpipe etc.) depending on the landscape (topography).

### **Article 26: Calculation of the overall level of Realization.**

Each month, the overall level of realization shall be calculated using field data and the unit prices quoted by the Contractor in the Unit Price Schedule.

### **Article 27: Provisional Reception**

The materials to be used ought to undergo a qualitative provisional reception, which shall be based on the administrative and technical documents justifying the quality of the materials used are in conformity with the technical objectives.

This reception shall be later followed by a technical reception which shall take place at the worksite after the installation of solar lamps and after observing the whole system functioning, with each lamp lighting.

The decision taken during this reception does not liberate the Contractor from his engagements with respect to the deadline as well as the technical specifications. Any change of material that was proposed in the bid (type, characteristics, origin, etc.) before or after the conformity visit and during the execution of the

project, is forbidden except authorized in writing by the Contracting Authority, following the application forwarded by the Contractor.

If the works are not in conformity with the specifications, the Contracting Authority can reject them and ask for their replacement or necessary modifications, without any extra charge for this.

#### **Article 28: Conditions for the Final reception**

The final reception shall be pronounced after the expiration of the guarantee date which comes one year after the provisional reception. There shall be no specific test during the final reception, but a test of the equipments used in exploiting the spring and a survey among the population to confirm the good working order of the Scheme during the one year guarantee period.

### **CHAPTER VII: PROTECTION OF THE ENVIRONMENT**

#### **Article 29 Sanctions and penalties**

The contractor shall be sanction for poor work done and non-respect of technical specification, non-respect of work execution dateline as stipulated in the work document.



**Document N°. 6**  
**SCHEDULE OF UNIT PRICES**

**PURCHASE AND INSTALLATION OF SOLAR STREET LIGHTS IN WIDIKUM TOWN,  
MOMO DIVISION**

**UNIT PRICE SCHEDULE**

| <b>N°</b>  | <b>DESIGNATION</b>   | <b>UNIT</b>    | <b>QTY</b> | <b>UNIT PRICE<br/>(in figures)</b> | <b>UNIT PRICE<br/>(in letter)</b> |
|------------|--|----------------|------------|------------------------------------|-----------------------------------|
| <b>100</b> | <b>PRELIMINARY WORKS</b>   |                |            |                                    |                                   |
| 101        | Preparation of working document (06 copies)  | LS             | 1          |                                    |                                   |
| 102        | Site Installation  | LS             | 1          |                                    |                                   |
| 103        | Environnemental Impact notice  | LS             | 1          |                                    |                                   |
| <b>200</b> | <b>CIVIL ENGINEERING WORKS</b>   |                |            |                                    |                                   |
| 201        | Studies and Pegging  | U              | 76         |                                    |                                   |
| 202        | Digging of holes   | m <sup>3</sup> | 27.36      |                                    |                                   |
| 203        | Supply and installation of 350kg/m <sup>3</sup> reinforced concrete pillar structure 50x50x100cm | U              | 76         |                                    |                                   |
| <b>300</b> | <b>INSTALLATION SOLAR STREET LIGHTING MODULES</b>  |                |            |                                    |                                   |
| 301        | Supply and installation solar LED lamp (5000lm, 40w, 12v)  | U              | 76         |                                    |                                   |
| 302        | Supply and installation of solar panels monocrystalline (120w, 12v)                              | U              | 76         |                                    |                                   |
| 303        | Supply and installation charge controller (10A, 12v)   | U              | 76         |                                    |                                   |
| 304        | Supply and installation of steel galvanized steel pole (height 8m, Ø ≥115mm)                     | U              | 76         |                                    |                                   |
| 305        | Supply and installation of Li-ion LIFEPO4 battery, class A (12v, 120AH)                          | U              | 76         |                                    |                                   |
| 306        | Supply and installation of solar accessories with all suggestions                                | LS             | 1          |                                    |                                   |
| 307        | Labelling and numbering plate on solar poles   | U              | 76         |                                    |                                   |
| <b>400</b> | <b>SUNDRY SERVICES</b>   |                |            |                                    |                                   |
| 401        | Transportation of materials  | LS             | 1          |                                    |                                   |
| 402        | Transportation of Personnel  | LS             | 1          |                                    |                                   |

COMPANY:

**Document N°. 7**  
**BILL OF QUANTITIES AND ESTIMATES**

**BILL OF QUANTITIES AND COST ESTIMATES FOR THE PURCHASE AND INSTALLATION OF SOLAR STREET LIGHTS IN WIDIKUM TOWN, MOMO DIVISION**

| N°         | DESIGNATION  | UNIT           | QTY   | UNIT PRICE (FCFA) | TOTAL PRICE (FCFA) |
|------------|--|----------------|-------|-------------------|--------------------|
| <b>100</b> | <b>PRELIMINARY WORKS</b>   |                |       |                   |                    |
| 101        | Preparation of working document (06 copies)  | LS             | 1     |                   |                    |
| 102        | Site Installation  | LS             | 1     |                   |                    |
| 103        | Environnemental Impact notice  | LS             | 1     |                   |                    |
|            | <b>SUB TOTAL 100</b>   |                |       |                   |                    |
| <b>200</b> | <b>CIVIL ENGINEERING WORKS</b>   |                |       |                   |                    |
| 201        | Studies and Pegging  | U              | 76    |                   |                    |
| 202        | Digging of holes   | m <sup>3</sup> | 27.36 |                   |                    |
| 203        | Supply and installation of 350kg/m <sup>3</sup> reinforced concrete pillar structure 50x50x100cm | U              | 76    |                   |                    |
|            | <b>SUB TOTAL 200</b>   |                |       |                   |                    |
| <b>300</b> | <b>INSTALLATION SOLAR STREET LIGHTING MODULES</b>  |                |       |                   |                    |
| 301        | Supply and installation solar LED lamp (5000Lm, 40w, 12v)  | U              | 76    |                   |                    |
| 302        | Supply and installation of solar panels monocrystalline (120w, 12v)                              | U              | 76    |                   |                    |
| 303        | Supply and installation charge controller (10A, 12v)   | U              | 76    |                   |                    |
| 304        | Supply and installation of steel galvanized steel pole (height 8m, Ø ≥115mm)                     | U              | 76    |                   |                    |
| 305        | Supply and installation of Li-ion LIFEPO4 battery, class A (12v, 120AH)                          | U              | 76    |                   |                    |
| 306        | Supply and installation of solar accessories with all suggestions                                | LS             | 1     |                   |                    |
| 307        | Labelling and numbering plate on solar poles   | U              | 76    |                   |                    |
|            | <b>SUB TOTAL 300</b>   |                |       |                   |                    |
| <b>400</b> | <b>SUNDRY SERVICES</b>   |                |       |                   |                    |
| 401        | Transportation of materials  | LS             | 1     |                   |                    |
| 402        | Transportation of Personnel  | LS             | 1     |                   |                    |
|            | <b>SUB TOTAL 400</b>   |                |       |                   |                    |
|            | <b>TOTAL WITHOUT TAXES</b>   |                |       |                   |                    |
|            | <b>TVA (19,25%)</b>  |                |       |                   |                    |
|            | <b>IR (2,2%)</b>   |                |       |                   |                    |
|            | <b>TOTAL WITH TAXES</b>  |                |       |                   |                    |

The present bill is fixed at the sum all taxes inclusive of .....

**Document N° 8**  
**SUB-DETAIL OF PRICES**

1. The first part of the document is a list of names and addresses of the members of the committee. The names are listed in alphabetical order, and the addresses are given in full. The list is as follows:

| Name         | Address                          |
|--------------|----------------------------------|
| Mr. A. B. C. | 123 Main St., New York, N.Y.     |
| Mr. D. E. F. | 456 Elm St., New York, N.Y.      |
| Mr. G. H. I. | 789 Broadway, New York, N.Y.     |
| Mr. J. K. L. | 1010 Fifth Ave., New York, N.Y.  |
| Mr. M. N. O. | 1111 Third St., New York, N.Y.   |
| Mr. P. Q. R. | 1212 Second St., New York, N.Y.  |
| Mr. S. T. U. | 1313 First St., New York, N.Y.   |
| Mr. V. W. X. | 1414 West St., New York, N.Y.    |
| Mr. Y. Z. A. | 1515 East St., New York, N.Y.    |
| Mr. B. C. D. | 1616 North St., New York, N.Y.   |
| Mr. E. F. G. | 1717 South St., New York, N.Y.   |
| Mr. H. I. J. | 1818 Central St., New York, N.Y. |
| Mr. K. L. M. | 1919 Union St., New York, N.Y.   |
| Mr. N. O. P. | 2020 Madison St., New York, N.Y. |
| Mr. Q. R. S. | 2121 Park St., New York, N.Y.    |
| Mr. T. U. V. | 2222 Madison St., New York, N.Y. |
| Mr. W. X. Y. | 2323 Park St., New York, N.Y.    |
| Mr. Z. A. B. | 2424 Madison St., New York, N.Y. |
| Mr. C. D. E. | 2525 Park St., New York, N.Y.    |
| Mr. F. G. H. | 2626 Madison St., New York, N.Y. |
| Mr. I. J. K. | 2727 Park St., New York, N.Y.    |
| Mr. L. M. N. | 2828 Madison St., New York, N.Y. |
| Mr. O. P. Q. | 2929 Park St., New York, N.Y.    |
| Mr. R. S. T. | 3030 Madison St., New York, N.Y. |
| Mr. U. V. W. | 3131 Park St., New York, N.Y.    |
| Mr. X. Y. Z. | 3232 Madison St., New York, N.Y. |
| Mr. A. B. C. | 3333 Park St., New York, N.Y.    |
| Mr. D. E. F. | 3434 Madison St., New York, N.Y. |
| Mr. G. H. I. | 3535 Park St., New York, N.Y.    |
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| Mr. S. T. U. | 3939 Park St., New York, N.Y.    |
| Mr. V. W. X. | 4040 Madison St., New York, N.Y. |
| Mr. Y. Z. A. | 4141 Park St., New York, N.Y.    |
| Mr. B. C. D. | 4242 Madison St., New York, N.Y. |
| Mr. E. F. G. | 4343 Park St., New York, N.Y.    |
| Mr. H. I. J. | 4444 Madison St., New York, N.Y. |
| Mr. K. L. M. | 4545 Park St., New York, N.Y.    |
| Mr. N. O. P. | 4646 Madison St., New York, N.Y. |
| Mr. Q. R. S. | 4747 Park St., New York, N.Y.    |
| Mr. T. U. V. | 4848 Madison St., New York, N.Y. |
| Mr. W. X. Y. | 4949 Park St., New York, N.Y.    |
| Mr. Z. A. B. | 5050 Madison St., New York, N.Y. |

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| Mr. G. H. I. | 3535 Park St., New York, N.Y.    |
| Mr. J. K. L. | 3636 Madison St., New York, N.Y. |
| Mr. M. N. O. | 3737 Park St., New York, N.Y.    |
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| Mr. S. T. U. | 3939 Park St., New York, N.Y.    |
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| Mr. W. X. Y. | 4949 Park St., New York, N.Y.    |
| Mr. Z. A. B. | 5050 Madison St., New York, N.Y. |

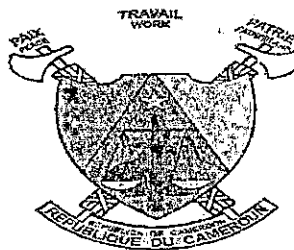
## SUBDETAILS OF PRICES

Price N° .....  
 Designation of work.....  
 Unit .....  
 Quantity .....  
 Daily output .....  
 Duration of execution .....

| DESIGNATION :                     |                         |                |            |                      |        |
|-----------------------------------|-------------------------|----------------|------------|----------------------|--------|
| No                                | Daily out put           | Total quantity | Unit       | Duration of activity |        |
|                                   |                         |                |            |                      |        |
| <b>WORKMAN SHIP</b>               | Category                | No             | Daily wage | Days break up        | Amount |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
| TOTAL A                           |                         |                |            |                      |        |
| <b>EQUIPMENT/MECHINES</b>         | Type                    | No             | Daily rate | Days break up        | Amount |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
| TOTAL B                           |                         |                |            |                      |        |
| <b>MATERIAL AND MISCELLANEOUS</b> | Type                    | Unit           | Unit cost  | Quantity             | Amount |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
|                                   |                         |                |            |                      |        |
| TOTAL C                           |                         |                |            |                      |        |
| <b>D</b>                          | DIRECT TOTAL COST       |                |            | A+B+C                |        |
| <b>E</b>                          | GENERAL SITE EXPENSES   |                |            | Dx%                  |        |
| <b>F</b>                          | GENERAL OFFICE EXPENSES |                |            | Dx%                  |        |
| <b>G</b>                          | NET COST                |                |            | D+E+F                |        |
| <b>H</b>                          | RISK + BENEFITS         |                |            | Gx%                  |        |
| <b>P</b>                          | TOTAL COST (HT)         |                |            | G+H                  |        |
| <b>V</b>                          | UNIT COST (HT)          |                |            | P/Q'TY               |        |

**Document N° 9**  
**MODEL CONTRACT**





CONTRACT N° \_\_\_\_\_ C/WC/ITB/2021 OF .....2021

Awarded after OPEN NATIONAL INVITATION TO TENDER N° 04/ ONIT/WC/ITB/2021 OF 03/06/2021  
FOR THE PURCHASE AND INSTALLATION OF SOLAR STREET LIGHTS IN WIDIKUM TOWN, WIDIKUM  
SUBDIVISION, MOMO DIVISION.

Project Owner: THE LORD MAYOR OF WIDIKUM COUNCIL  
Tel : .....

**HOLDER :**

P.O. Box \_\_\_\_\_, Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Business Registry N° \_\_\_\_\_ at

Taxpayer's No. \_\_\_\_\_

**SUBJECT :** Execution of \_\_\_\_\_ works;

**PLACE :** \_\_\_\_\_

**EXECUTION DEADLINE :** \_\_\_\_\_ ( \_\_\_\_\_ ) months

**AMOUNT IN CFA F:**

|                         |  |
|-------------------------|--|
| IAT                     |  |
| EVAT                    |  |
| VAT (19.25%)            |  |
| AIR (Income tax) (2.2%) |  |
| Net to be paid          |  |

**FINANCING** : [indicate the source of financing]

**BUDGET HEAD** : [to be completed]

SUBSCRIBED ON: \_\_\_\_\_  
SIGNED ON: \_\_\_\_\_  
NOTIFIED ON: \_\_\_\_\_  
REGISTERED ON: \_\_\_\_\_

**Between:**

The Government of the Republic of Cameroon, represented by \_\_\_\_\_ hereinafter referred to the "Contracting Authority"

**On the one hand,**

**And**

\_\_\_\_\_(enterprise)  
P.O. Box \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_  
Business Registry No. \_\_\_\_\_  
Taxpayer's No. \_\_\_\_\_

Represented by M \_\_\_\_\_, its General Manager, hereinafter referred to as the "Contractor"

**On the other hand,**

Agree on the following:

## Summary

Part I: Special Administrative Conditions (SAC)

Part II: Special Technical Conditions (STC)

Part III: Schedule of Unit Prices (SUP)

Part IV: Details or Estimates

Page\_\_\_\_\_ and last of Contract N°\_\_\_\_\_ C/MC/ITB/2021 OF .....2021  
 Awarded after Open National Invitation to Tender No 04/ONIT/MC/ITB/2021 OF 03/06/2021 for the  
 purchase and installation of solar street lights in Widikum Subdivision, Momo Division.

With \_\_\_\_\_,

For the execution of \_\_\_\_\_works

**EXECUTION DEADLINE**\_\_\_\_\_ (\_\_\_\_\_) months

**Amount of Contract in CFA F:**

|                    |  |
|--------------------|--|
| IAT                |  |
| EVAT               |  |
| VAT (19.25)        |  |
| AIR (2.2 or 5.5 %) |  |
| Net to be paid     |  |

**Read and accepted by the Contractor**

(place of signature)\_\_\_\_\_ (date)

**Signature of Delegated Contracting Authority**

(place of signature)\_\_\_\_\_ (date)

**Registration**

**Document N°. 10**  
**FORMS AND MODELS TO BE USED BY**  
**BIDDERS**

## **TABLE OF MODELS**

- Annex N° 1: Model of declaration to Tender
- Annex N° 2: Model Bid
- Annex N° 3: Model Bid Bond
- Annex N° 4: Model Final Bond
- Annex N° 5: Model Retention fund (Guarantee Retention)
- Annex N° 6: Schedule framework
- Annex N° 7: Model attestation of site visit
- Annex N° 8: Model site visit report
- Annex N° 9: Model table of reference
- Annex N° 10: Model table of equipment

## Annex N° 1: MODEL OF DECLARATION TO TENDER

### DECLARATION OF THE INTENTION TO TENDER

I the undersigned, .....(indicate the name and capacity of signatory),  
Nationality .....  
Representing the ..... company or enterprise or group with head office at .....  
..... registered in the trade register of ..... Under the number .....  
In my capacity as .....of .....PO box....., hereby acknowledge receipt of the file for Open National Invitation to Tender N° ..... for the

And hereby declare my intention to tender for the said contract.

Done at .....

Signature of .....  
In the capacity of .....  
Duly authorized to sign the tenders on behalf of .....  
.....

## Annex N° 2: MODEL BID

I the undersigned, .....(indicate the name and capacity of signatory)  
Representing the ..... company or enterprise or group with head office at .....  
..... registered in the trade register of ..... Under the number .....

Having taken cognizance of all the documents featured or mentioned in the Tender file: tender No 004 /ONIT/WC/ITB/2021 OF 03/06/2021 for the purchase and installation of solar street lights in Widikum town, Widikum Subdivision, Momo Division of the North West Region.  
after having personally taking account of the situation of the site and evaluated from my point of view and under my responsibility, the nature and difficulty of the works to be carried out;

- Hereby submit, bearing my signature, the schedule of unit prices as well as the quotations in accordance with the structure featuring in the Tender File;
- Submit and commit myself to execute the works in accordance with the Tender File, in return for the prices which I myself establish for each type of structure which prices reveal the amount of the tender at ..... ( in figures and words) CFAF exclusive of VAT and at ..... ( in figures and in words) CFAF inclusive of all taxes.
- I pledge to execute the works within a deadline of ..... months.
- I pledge to maintain my offer for a duration of **One Twenty(120)** days from the deadline of submission of tenders;

The Contracting Authority shall pay the sums due for this Contract by crediting Account N°:.....  
Open in ..... Bank ..... Branch.

Prior to the signing of the Contract, this tender accepted by you shall constitute an agreement between us.

Done at .....

Signature of .....

In the capacity of .....

Duly authorized to sign the tenders on behalf of  
.....



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### Annex N° 3: MODEL BID BOND

Addressed to the Contracting Authority

Whereas the undertaking ..... Hereinafter referred to as the "bidder" has submitted his tender on ..... for the purchase and installation of solar street lights in Widikum town, WIDIKUM Subdivision, Momo Division of the North West Region, hereinafter referred to as "the tender" and to which must be attached a bid bond equivalent to .....CFAF.

We ..... (name and address of the bank), represented by ..... (names of signatories), hereinafter referred to as "the Bank" hereby declare to guarantee payment to the Delegated Contracting Authority of the maximum sum of ....., that the bank pledges to pay in full to the Contracting Authority, bidding itself, its successors and assignees.

The conditions of this commitment are as follows:

If the Bidder withdraws his offer during the validity period specified by the Bidder in the tender; or

If the Bidder, having been notified of the award of the contract by the Contracting Authority during the period of Bid validity:

- Fails or refuses to sign the contract, even though required to do so;
- Fails or refuses to furnish the final bond for the contract (final bond) as provided for by the contract.

We undertake to pay the Contracting Authority an amount up to the maximum of the sum referred to above upon receipt of his first written demand, without the Contracting Authority having to substantiate his demand, provided that in its demand the Contracting Authority shall note that the amount claimed by him is due, because one or the other or both of the above condition(s) has (have) been fulfilled and he shall specify which condition(s) took effect.

This bond shall enter into force from the date of signature and from the date set by the Contracting Authority for the submission of tenders. It shall remain valid up till the thirtieth day inclusive following the end of the deadline for the validity of tenders. Any request by the Contracting Authority to cause it to take effect should reach the bank by registered mail with an acknowledgement of receipt before the end of this period of validity.

This bond shall, for purposes of its interpretation, be submitted to Cameroon law. Cameroon courts shall be the only jurisdictions competent to rule on this commitment and its consequences.

Signed and authenticated by the bank

at ....., on .....

(Bank's signature

#### Annex N° 4: MODEL FINAL BOND

Bank: .....

Reference of the Bond N°: .....

Addressed to the Mayor of Widikum Council "Contracting Authority"

Whereas ..... (Name and address of Contractor) hereinafter referred to "the Contractor", pledge, in execution of the Contract, to carry out the works of the purchase and installation of solar street lights in Widikum town, WIDIKUM Subdivision, Momo Division of the North West Region.

Whereas it is stipulated in the Contract that the Contractor shall furnish the Delegated Contracting Authority a final bond of two percent (2%) of the amount of the Contract as security for compliance with the Contractor's performance obligations in accordance with the Contract.

Whereas we have agreed to provide the Contractor with this guarantee;

We, ..... (name and address of bank),

Represented by ..... (name of signatories)

hereinafter referred to as "the Bank", and we pledge to pay to the Delegated Contracting Authority within a maximum deadline of eight (8) weeks upon his simple written request declaring that the Contractor has not fulfilled his contractual obligations, without being able to defer the payment nor raise any contest for whatever reason, the sum of ..... (in letters and in words).

We hereby agree that no change or addendum or any other amendment shall release us of any obligation incumbent on us by virtue of this bond and we hereby derogate by the present to the notification of any amendment, addendum or change.

This bond shall enter into force upon signature. It shall be released within thirty (30) days from the date of the Provisional Reception of the works.

After this date the caution shall no longer be valid and shall be returned to us without any request on our part.

Any request for payment formulated by the Contracting Authority by virtue of this bond should be done by registered mail with acknowledgement of receipt to reach the bank during the period of validity of this commitment.

This bond shall, for purposes of its interpretation and execution, be subject to Cameroon law. Cameroon courts shall be the only jurisdictions competent to rule on this pledge and its consequences.

Signed and authenticated by the bank at ..... on .....  
[signature of the bank]

[illegible]

1. The first group of variables is the set of variables that are used to define the population. These variables are: age, sex, race, and education. These variables are used to define the population because they are the most common variables used to define a population. These variables are also used to define the population because they are the most common variables used to define a population.

— *Journal of the American Medical Association*, 1997

[illegible]

the 1990s, the number of people in the United States who are 65 years of age or older has increased by 50 percent, and the number of people 75 years of age or older has increased by 100 percent. The number of people 85 years of age or older has increased by 200 percent. The number of people 95 years of age or older has increased by 400 percent. The number of people 100 years of age or older has increased by 1,000 percent. The number of people 105 years of age or older has increased by 2,000 percent. The number of people 110 years of age or older has increased by 4,000 percent. The number of people 115 years of age or older has increased by 8,000 percent. The number of people 120 years of age or older has increased by 16,000 percent. The number of people 125 years of age or older has increased by 32,000 percent. The number of people 130 years of age or older has increased by 64,000 percent. The number of people 135 years of age or older has increased by 128,000 percent. The number of people 140 years of age or older has increased by 256,000 percent. The number of people 145 years of age or older has increased by 512,000 percent. The number of people 150 years of age or older has increased by 1,024,000 percent. The number of people 155 years of age or older has increased by 2,048,000 percent. The number of people 160 years of age or older has increased by 4,096,000 percent. The number of people 165 years of age or older has increased by 8,192,000 percent. The number of people 170 years of age or older has increased by 16,384,000 percent. The number of people 175 years of age or older has increased by 32,768,000 percent. The number of people 180 years of age or older has increased by 65,536,000 percent. The number of people 185 years of age or older has increased by 131,072,000 percent. The number of people 190 years of age or older has increased by 262,144,000 percent. The number of people 195 years of age or older has increased by 524,288,000 percent. The number of people 200 years of age or older has increased by 1,048,576,000 percent. The number of people 205 years of age or older has increased by 2,097,152,000 percent. The number of people 210 years of age or older has increased by 4,194,304,000 percent. The number of people 215 years of age or older has increased by 8,388,608,000 percent. The number of people 220 years of age or older has increased by 16,777,216,000 percent. The number of people 225 years of age or older has increased by 33,554,432,000 percent. The number of people 230 years of age or older has increased by 67,108,864,000 percent. The number of people 235 years of age or older has increased by 134,217,728,000 percent. The number of people 240 years of age or older has increased by 268,435,456,000 percent. The number of people 245 years of age or older has increased by 536,870,912,000 percent. The number of people 250 years of age or older has increased by 1,073,741,824,000 percent. The number of people 255 years of age or older has increased by 2,147,483,648,000 percent. The number of people 260 years of age or older has increased by 4,294,967,296,000 percent. The number of people 265 years of age or older has increased by 8,589,934,592,000 percent. The number of people 270 years of age or older has increased by 17,179,869,184,000 percent. The number of people 275 years of age or older has increased by 34,359,738,368,000 percent. The number of people 280 years of age or older has increased by 68,719,476,736,000 percent. The number of people 285 years of age or older has increased by 137,438,953,472,000 percent. The number of people 290 years of age or older has increased by 274,877,906,944,000 percent. The number of people 295 years of age or older has increased by 549,755,813,888,000 percent. The number of people 300 years of age or older has increased by 1,099,511,627,776,000 percent. The number of people 305 years of age or older has increased by 2,199,023,255,552,000 percent. The number of people 310 years of age or older has increased by 4,398,046,511,104,000 percent. The number of people 315 years of age or older has increased by 8,796,093,022,208,000 percent. The number of people 320 years of age or older has increased by 17,592,186,044,416,000 percent. The number of people 325 years of age or older has increased by 35,184,372,088,832,000 percent. The number of people 330 years of age or older has increased by 70,368,744,177,664,000 percent. The number of people 335 years of age or older has increased by 140,737,488,355,328,000 percent. The number of people 340 years of age or older has increased by 281,474,976,710,656,000 percent. The number of people 345 years of age or older has increased by 562,949,953,421,312,000 percent. The number of people 350 years of age or older has increased by 1,125,899,906,842,624,000 percent. The number of people 355 years of age or older has increased by 2,251,799,813,685,248,000 percent. The number of people 360 years of age or older has increased by 4,503,599,627,370,496,000 percent. The number of people 365 years of age or older has increased by 9,007,199,254,740,992,000 percent. The number of people 370 years of age or older has increased by 18,014,398,509,481,984,000 percent. The number of people 375 years of age or older has increased by 36,028,797,018,963,968,000 percent. The number of people 380 years of age or older has increased by 72,057,594,037,927,936,000 percent. The number of people 385 years of age or older has increased by 144,115,188,075,855,872,000 percent. The number of people 390 years of age or older has increased by 288,230,376,151,711,744,000 percent. The number of people 395 years of age or older has increased by 576,460,752,303,423,488,000 percent. The number of people 400 years of age or older has increased by 1,152,921,504,606,846,976,000 percent. The number of people 405 years of age or older has increased by 2,305,843,009,213,693,952,000 percent. The number of people 410 years of age or older has increased by 4,611,686,018,427,387,904,000 percent. The number of people 415 years of age or older has increased by 9,223,372,036,854,775,808,000 percent. The number of people 420 years of age or older has increased by 18,446,744,073,709,551,616,000 percent. The number of people 425 years of age or older has increased by 36,893,488,147,419,103,232,000 percent. The number of people 430 years of age or older has increased by 73,786,976,294,838,206,464,000 percent. The number of people 435 years of age or older has increased by 147,573,952,589,676,412,928,000 percent. The number of people 440 years of age or older has increased by 295,147,905,179,352,825,856,000 percent. The number of people 445 years of age or older has increased by 590,295,810,358,705,651,712,000 percent. The number of people 450 years of age or older has increased by 1,180,591,620,717,411,303,424,000 percent. The number of people 455 years of age or older has increased by 2,361,183,241,434,822,606,848,000 percent. The number of people 460 years of age or older has increased by 4,722,366,482,869,645,213,696,000 percent. The number of people 465 years of age or older has increased by 9,444,732,965,739,290,427,392,000 percent. The number of people 470 years of age or older has increased by 18,889,465,931,478,580,854,784,000 percent. The number of people 475 years of age or older has increased by 37,778,931,862,957,161,709,568,000 percent. The number of people 480 years of age or older has increased by 75,557,863,725,914,323,419,136,000 percent. The number of people 485 years of age or older has increased by 151,115,727,451,828,646,838,272,000 percent. The number of people 490 years of age or older has increased by 302,231,454,903,657,293,676,544,000 percent. The number of people 495 years of age or older has increased by 604,462,909,807,314,587,353,088,000 percent. The number of people 500 years of age or older has increased by 1,208,925,819,614,629,174,706,176,000 percent. The number of people 505 years of age or older has increased by 2,417,851,639,229,258,349,412,352,000 percent. The number of people 510 years of age or older has increased by 4,835,703,278,458,516,698,824,704,000 percent. The number of people 515 years of age or older has increased by 9,671,406,556,917,033,397,649,408,000 percent. The number of people 520 years of age or older has increased by 19,342,813,113,834,066,795,298,816,000 percent. The number of people 525 years of age or older has increased by 38,685,626,227,668,133,590,597,632,000 percent. The number of people 530 years of age or older has increased by 77,371,252,455,336,267,181,195,264,000 percent. The number of people 535 years of age or older has increased by 154,742,504,910,672,534,362,390,528,000 percent. The number of people 540 years of age or older has increased by 309,485,009,821,345,068,724,781,056,000 percent. The number of people 545 years of age or older has increased by 618,970,019,642,690,137,449,562,112,000 percent. The number of people 550 years of age or older has increased by 1,237,940,039,285,380,274,899,124,224,000 percent. The number of people 555 years of age or older has increased by 2,475,880,078,570,760,549,798,248,448,000 percent. The number of people 560 years of age or older has increased by 4,951,760,157,141,521,099,596,496,896,000 percent. The number of people 565 years of age or older has increased by 9,903,520,314,283,042,199,193,993,792,000 percent. The number of people 570 years of age or older has increased by 19,807,040,628,566,084,398,387,987,584,000 percent. The number of people 575 years of age or older has

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

[illegible][illegible][illegible][illegible]

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is expected to increase to 1.7 billion by the year 2015. The number of illiterate people in the world is expected to increase to 1.7 billion by the year 2015. The number of illiterate people in the world is expected to increase to 1.7 billion by the year 2015.

[illegible][illegible][illegible]

## Annex N° 5: MODEL OF PERFORMANCE BOND (GUARANTEE RETENTION)

Bank: .....

Reference of the Bond No: .....

Addressed to the Mayor of Widikum Council  
Hereinafter referred to as "The Contracting Authority"

Whereas ..... (name and address of Contractor) hereinafter referred to "the Contractor",  
pledge , in execution of the Contract, to carry out the works of for the purchase and installation of solar  
street lights in Widikum town, WIDIKUM Subdivision, Momo Division Division of the North-West .

Whereas it is stipulated in the Contract that the Guarantee Retention fixed at ten percent (10%) of the  
amount of the Contract may be replaced by a joint guarantee;

Whereas we have agreed to provide the Contractor with this guarantee;

We, ..... (name and address of bank),

Represented by ..... (name of signatories) and hereinafter referred to as  
"the Bank";

Hence, we hereby affirm that on behalf of the Contractor, we guarantee and are responsible to the  
Contracting Authority for a maximum amount of ..... (in figures and in letters)  
corresponding to ten percent (10%) of the Jobbing Order amount.

And we pledge to pay to the Delegated Contracting Authority within a maximum deadline of eight (8)  
weeks upon his simple written request declaring that the contractor has not fulfilled his contractual  
obligations or is indebted to the Contracting Authority within the meaning of the contract, amended where  
need be, by its additional clauses, without being able to defer the payment nor raise any contest for  
whatever reason, any sum(s) within the limits of the amount equal to ten percent (10%) of the total amount  
of the works featuring in the final detailed account, without the Contracting Authority having to prove or  
give the reasons nor the motive for the amount of the sum indicated above.

We hereby agree that no change or addendum or any other amendment shall release us of any obligation  
incumbent onus by virtue of this bond and we hereby derogate by the present to the notification of any  
amendment, addendum or change.

This bond shall enter into force upon signature. It shall be released within thirty (30) days from the date of  
the final acceptance of the works and upon released issued by the Contracting Authority.

Any request for payment formulated by the Contracting Authority by virtue of this bond should be done by  
registered mail with acknowledgement of receipt to reach the bank during the period of validity of this  
commitment.

This bond shall, for purposes of its interpretation and execution, be subject to Cameroon law. Cameroon  
courts shall be the only jurisdictions competent to rule on this pledge and its consequences.

Signed and authenticated by the bank at ..... on .....  
[signature of the bank]

## **ANNEX N° 6: SCHEDULE FRAMEWORK**

### **Note on the presentation of schedules**

The quantities, daily outputs, the duration of execution of works and the slowdowns or even the due interruptions must be clearly brought out in the schedules.

The financial schedules resulting from the schedules of works must indicate month by month, the estimated amounts of the detailed accounts of works by item and cumulatively by taking into account the incidence of rainy seasons for the basic solution and possibly variant solution.

**Annex N° 7: MODEL ATTESTATION OF SITE VISIT**

**LETTER HEAD HERE**

**TO WHOM IT MAY CONCERN**

**ATTESTATION OF SITE VISIT**

This is to testify that Mr

.....

Manager/Technical Director/Engineer of .....

Has effectively visited the site for .....

.....

..... in view to tender for the said project.

This attestation is issued to serve the purpose for which it is intended for.

The Director

## Annex N° 8: MODEL SITE VISIT REPORT

### I) INTRODUCTION

TENDER N°.....

NAME OF THE ENTERPRISE: .....

DATE: .....

### II) COMMENTARY

1- Nature of the project site:

2- Accessibility to the project site:

3- Vegetation:

4- Topography of the site:

### III) AVAILABILITY OF SERVICES

### IV) AVAILABILITY OF MATERIALS

### V) DIFFICULTIES

### VI) CONCLUSION

Signature of the contractors' engineer



# Annex N° 9: MODEL TABLE OF REFERENCE

## LIST OF ELECTRIFICATION PROJECTS EXECUTED BY THE COMPANY

| Nº | YEAR | NAME OF THE PROJECT | NAME OF THE PROJECT OWNER | CONTRACT AMOUNT | CONTRACT DURATION | DATE OF ACCEPTANCE |
|----|------|---------------------|---------------------------|-----------------|-------------------|--------------------|
|    |      |                     |                           |                 |                   |                    |
|    |      |                     |                           |                 |                   |                    |
|    |      |                     |                           |                 |                   |                    |
|    |      |                     |                           |                 |                   |                    |
|    |      |                     |                           |                 |                   |                    |
|    |      |                     |                           |                 |                   |                    |
|    |      |                     |                           |                 |                   |                    |
|    |      |                     |                           |                 |                   |                    |

DONE ON .....AT .....

Mr.....

SIGNATURE .....

# Annex N° 10: MODEL TABLE OF EQUIPMENT

## LIST OF EQUIPMENT AND MATERIALS AVAILABLE FOR THE (project name).....

| Nº | DESIGNATION OF<br>THE EQUIPMENT | DESCRIPTION, MARK | AGE AND<br>STATE | NUMBER<br>AVAILABLE | OWNER OR<br>NOT |
|----|---------------------------------|-------------------|------------------|---------------------|-----------------|
|    |                                 |                   |                  |                     |                 |
|    |                                 |                   |                  |                     |                 |
|    |                                 |                   |                  |                     |                 |
|    |                                 |                   |                  |                     |                 |
|    |                                 |                   |                  |                     |                 |
|    |                                 |                   |                  |                     |                 |

DONE ON .....AT .....

Mr.....

SIGNATURE .....



**ANNEX No. 6: Framework of schedules**

| <b>DESIGNATION :</b>              |                                |                       |                   |                             |               |
|-----------------------------------|--------------------------------|-----------------------|-------------------|-----------------------------|---------------|
| <b>No</b>                         | <b>Daily out put</b>           | <b>Total quantity</b> | <b>Unit</b>       | <b>Duration of activity</b> |               |
| <b>WORKMAN SHIP</b>               | <b>Category</b>                | <b>No</b>             | <b>Daily wage</b> | <b>Days break up</b>        | <b>Amount</b> |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
| <b>TOTAL A</b>                    |                                |                       |                   |                             |               |
| <b>EQUIPMENT/MACHINES</b>         | <b>Type</b>                    | <b>No</b>             | <b>Daily rate</b> | <b>Days break up</b>        | <b>Amount</b> |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
| <b>TOTAL B</b>                    |                                |                       |                   |                             |               |
| <b>MATERIAL AND MISCELLANEOUS</b> | <b>Type</b>                    | <b>Unit</b>           | <b>Unit cost</b>  | <b>Quantity</b>             | <b>Amount</b> |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
|                                   |                                |                       |                   |                             |               |
| <b>TOTAL C</b>                    |                                |                       |                   |                             |               |
| <b>D</b>                          | <b>DIRECT TOTAL COST</b>       |                       |                   | <b>A+B+C</b>                |               |
| <b>E</b>                          | <b>GENERAL SITE EXPENSES</b>   |                       |                   | <b>Dx%</b>                  |               |
| <b>F</b>                          | <b>GENERAL OFFICE EXPENSES</b> |                       |                   | <b>Dx%</b>                  |               |
| <b>G</b>                          | <b>NET COST</b>                |                       |                   | <b>D+E+F</b>                |               |
| <b>H</b>                          | <b>RISK + BENEFITS</b>         |                       |                   | <b>Gx%</b>                  |               |
| <b>P</b>                          | <b>TOTAL COST (HT)</b>         |                       |                   | <b>G+H</b>                  |               |
| <b>V</b>                          | <b>UNIT COST (HT)</b>          |                       |                   | <b>P/Q'TY</b>               |               |

**Document N°. 11**  
**PRELIMINARY STUDIES**

## **Note on preliminary studies**

In accordance with the Public Contracts Code, the Project Owner or Delegated Project Owner must, prior to commencing the procedure to award Contracts or refer to the competent Tenders Board, ensure that draft Tender Files are prepared based on preliminary studies.

These studies must be required during the examination of the Tender File (TF) by the Tenders Board.

The Project Owner is bound to fill the questionnaire in annex 1 accompanied by justifications of the said studies.

### **Annex N°. 7: Justification of preliminary studies**

1. Attach the preliminary studies.

2. Indicate

2.1. The date studies were carried out;

2.2. The name of the Public or private Project Manager

2.3. References of the Contract, if Private Manager carried it out;

2.4. If maintenance works

2.4.1 Description of the studies;

2.4.2 Attach the outline of the itinerary bringing out readings of degradations as well as the approved programming documents.

2.5 Rehabilitation or new works

2.5.1 Are quantities in the quotations the same as those of the studies?

2.5.2 Description of studies: Draft Preliminary Study, Detailed Preliminary Study;

2.5.3 Attach the said studies.

N.B. For services of less scope, the Project Owner may furnish a justification of calculation of quantities of the Tender File.

- *The chairperson of the Tenders Board may, before taking a decision, seek expert advice on the quality of the studies.*

# **Document N°.12**

## **LIST OF BANKING ESTABLISHMENTS AND FINANCIAL BODIES AUTHORISED TO ISSUE BONDS FOR PUBLIC CONTRACTS**

### **BANKS**

1. Afriland First Bank (AFB)
2. Banque Atlantique Cameroun (BACM)
3. Banque International du Cameroun pour l'Epargne et le Crédit (BICEC)
4. CITI Bank N.A. CAMEROON
5. Commercial Bank of Cameroon (CBC)
6. Ecobank Cameroon (EBC)
7. National Financial Credit Bank (NFC BANK)
8. Société Commercial de Banques Cameroun (CA-SCB)
9. Société Générale Cameroun (SGC)
10. Standard Chartered Bank Cameroon (SCBC)
11. Union Bank of Cameroon PLC (SCBC)
12. United Bank for Africa (UBA)
13. Bank of Africa Cameroun (BOA-C)
14. Credit Communautaire d'Afrique (CCA)
15. BGFI. Banque Gabonaise pour le financement International
16. Banque Camerounaise des PME. IBEPME

### **II- Insurance companies**

1. Chanas Assurances S.A. BP 109/Douala;
2. Activa Assurances S.A. BP 12970/Douala ;
3. Zenithe Insurance S.A. BP 1540/Douala.
4. Area Assurance
5. Atlantique Assurance
6. Beneficial General Insurance
7. CPA Sa
8. NSIA Assurance
9. Pro- Assurance
10. SAAR Assurance
11. SAHAM Assurance

## PLANS