

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 Rehabilitation and extension of some Fons' palaces in the North West Region Divided into 7 Lots.

Article 2: Contract award procedure

This Contract is awarded by Open National Invitation to Tender N° ____/ONIT/NWRA/NWRAITB/2024 of __/__/2024.

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

3.1 General definitions (cf. Code)

- ✓ The Contracting Authority shall be **The President of the North West Regional Assembly**; in this respect he preserves the original documents relating to the contract and transmits copies to the Public Contract Regulatory Agency.
- ✓ The Contract Manager shall be **The Director of General Affairs of the North West Regional Assembly**. In this capacity, he shall respect the administrative, technical and financial clauses of this contract.
- ✓ The Contract Engineer shall be **The Regional Delegate of MINDHU for the North-West**. He shall validate the different crucial phases of work done, from the installation of the Contractor to the Provisional Technical Reception (Connection to the National Grid and Energizing of new line).
- ✓ **The Regional Delegation of MINMAP North-West** shall carry out unannounced control for the execution of this project
- ✓ **The Divisional/Sub-Divisional Peace and Development Committees (P.D.C)** shall carryout Social Control and report to the President of the Regional Executive Council, North West.
- ✓ **The Contractor shall be [to be specified].**

3.2 Security

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

In this case:

- The authority in charge of ordering payment shall be **The President of the North West Regional Assembly**
- The authority in charge of the clearance of expenditures shall be **The Specialised Finance Controller of the North West Regional Assembly**.
- The body or official in charge of payment shall be **The Regional Treasurer North West Regional Assembly**
- The official competent to furnish information within the context of execution of this Jobbing Order shall be **The Director of General Affaires of the North West Regional Assembly**

3.3 Duties of the Control Mission, Project Manager

3.3.1 Control Missions (Not applicable)

3.3.2 Means put at the disposal of the Control Mission shall be the amount of the financial offer of the control mission.

Article 4: Language, applicable law and regulation

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

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

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

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

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

- 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 No. 033/CAB/PM of 13 February 2007;
- 8) The General Technical Condition(s) applicable on the services forming the subject of the Contract.

Article 6: General instruments in force

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

1. Law No 2018/011 of 11 July, 2018 on the Code of Transparency and Good Governance in the management of Public Finances in Cameroon;
2. Law No 2018/012 of July 11, 2018 on the financial regime of the state and other public entities;
3. Law No 2019/024 of December 24, 2019 on the General code of Regional and Local Authorities;
4. Law No. 96/12 of 5th August 1996 on the management of the environment;
5. Law No. 2023/019 of 19 December, 2023 on the Financial Regime of the State of Cameroon for the 2024 Financial Year
6. Law No. 2019/024 of December, 2019 on the General Code of Decentralized Territorial Communities.
7. Decree No. 2013/159 of 15 May, 2013 putting in place a special regime on Administrative Control of Public Finances
8. Law No 2016/017 of 14 December 2016 instituting the Mining Code;
9. Decree No. 2018/366 of 20th June 2018 to institute the Public Contracts Code and its texts of application;
10. Decree No. 2018/4992/PM of 21 June, 2018 putting in place the General Rules regulating the maturation of Public Investment projects;
11. Decree No. 2020/375 of 07 July, 2020 on the General Regulations of Public Accounting.
12. Instruments governing the various professional bodies;
13. Decree No. 2001/048 of 23rd February 2001 relating to the Setting up, Organization and Functioning of the Public Contracts Regulatory Agency
14. Decree No. 2003/651/PM of 16th April 2003 to lay down the Procedure for Implementing the Tax and Customs System applicable to Public Contracts;
15. Decree No. 2012/075 of 8th March 2012 to organise the Ministry in charge of Public Contracts;
16. Order No 212/A/MINMAP of September 28, 2021 organizing the operation of internal structures for the administrative management of Public contracts;
17. Order No. 000007/MINMAP of 01 January..... laying down the procedures for awarding and executing framework agreements
18. Order No. 168/A/MINMAP of August 11, 2021 setting the terms and conditions for the award and execution of design-build contracts;
19. Circular Letter No. 000010/LC/MINMAP/CAB of 22 September 2020, the clarifying the payment documents of the Administrative co-contractors to be submitted for visa prior to the Ministry in charge of Public Procurement

20. Order No. 001/CAB/PR of 19th June 2012 relating to the Award and Control of Execution of Public Contracts;
 21. Letter No 00006/LC/PR/MINMAP/CAB of 17 August, 2021 clarifying the control of public procurement and specifying the procedures for its exercise to project owners and delegated project owners circular.
 22. Circular N° 00000026/C/MINFI of 29/12/2023 on instructions relating to the execution of finance laws, the monitoring and control of the execution of the budget of the state and other public entities, for the 2024 financial year;
 23. Circular No. 0001/PR/MINMAP/CAB of 25 April, 2022 relating to the application of the Public Procurement Code
 24. The MINCOMMERCE Decree setting the Price List
 25. Order No 402/A/MINMAP/CAP of 21 October 2019 setting the nature and threshold of markets reserved for craftsmen, small and medium-sized enterprises, grassroots communities and civil society organisations, and the modalities of their application;
 26. Circular letter No. 00000002/LC/MINMAP/CAB of 12 May 2022 relating to the continuity of the public procurement service in the event of a sanction by a Project Owner or Delegated Project Owners or members of a commission public procurement in accordance with the provision of articles 195 of the code of public contracts.
 27. Unified Technical Documents (DTU) for building works;
 28. Applicable standards;
- 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 Contract 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 case where the Contracting Authority is the addressee: correspondences shall be addressed to: The President of the North West Regional Assembly with copies addressed to the Contract Manager, the Engineer and the Regional Delegation of Public Contract North West

7.2 The contractor shall address all written notifications or correspondences to the Engineer with a copy to the Contract Manager and the Regional Delegation of Public Contract North West.

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 Contract Manager with a copy to the Contracting Authority, the Regional Delegation of Public Contract North West, the Contract Engineer and the Paying Body, where applicable.
- 8.2 Upon proposal by the Contract Manager, Administrative Orders with an incidence on the objective, the amount and execution deadline shall be signed by Contracting Authority and notified by the Contract Manager to the Contractor with a copy to the Contracting Authority, the Regional Delegation of Public Contracts, the Contract Engineer, and the Paying Body. The prior endorsement of the Paying Body shall possibly be required before the signature of those that have an incidence on the amount.
- 8.3 Administrative Orders of a technical nature linked to the normal progress of the work and without financial incidence shall be signed directly by Contract Manager and notified to the Contractor by the Contract Engineer or Project Manager (where applicable) with a copy to the Contracting Authority, the Regional Delegation of Public Contracts 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 Contract Manager, the Regional Delegation of Public Contracts.
- 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 Contract Manager and the Regional Delegation of Public Contracts.
- 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 Contract Manager, the notification must be done within a **maximum of 30 days** from the date of transmission by the Contracting Authority to the Contract Manager. **Beyond this deadline, the Contracting Authority shall establish the default of the Contract Manager, 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 only one phase for 2024 financial year. 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 **5 (five) days** to notify his opinion in writing with a copy sent to the Contract Manager. Beyond this time-limit, the staff list shall be considered as approved.
- 10.3 Any unilateral modification on the supervisory staff made in the technical bid prior to and during the works shall be a reason for termination of the Contract as mentioned in article 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 contract 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 TSR and/or _____ CFA F
- Net to be paid= EVAT-TSR and/or AIR

Article 13: Place and method of payment

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

- a. For payments in CFA francs (*amount in figures and letters exclusive of taxes*) by credit to account No. _____ opened in the name of the Contractor in the _____ bank.
- b. For payments in foreign currencies (*amount in figures and letters exclusive of taxes*) by credit to account N°. _____ opened in the name of the Contractor in _____ bank.

Article 14: Price variation (Article 20 of GAC)

28.1 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.

28.2 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 *not exceed* 2% of the amount of the Contract and its additional clauses, where applicable.

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

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

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

The work done shall be evaluated using the unit price.

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

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

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

Article 20: Advances (article 28 of the GAC)

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

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

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

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

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

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

21.1 Establishment of works executed

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

21.2 Monthly detailed account

No later than the fifth (5th) of the month following the month of the services, the Contractor shall hand over to the Project Manager two draft provisional monthly detailed accounts in seven copies (one

detailed account exclusive of VAT and the other inclusive of taxes), according to the agreed model and establishing the total amount of the sums to which he may lay claim as a result of the execution of the Contract since the start of the Contract.

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

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

- 100-2.2 or 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 Contract according to technical execution phases as defined in the Contract.

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 5th 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 Chief of Service.

The Chief of Service 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 (specify).

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 Decree No. 2018/366 of 20 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 ($1/2000^{\text{th}}$) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30th day beyond the Contractual time-limit;
- b) One thousandth ($1/1000^{\text{th}}$) of the initial amount of the Contract inclusive of all taxes per calendar day beyond the 30th day.

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

B. Specific penalties

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 ($1/5000^{\text{th}}$) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30th day beyond the Contractual time-limit;
- Late submission of the draft execution schedule if the lateness is caused by the Contractor shall be one five thousandth ($1/5000^{\text{th}}$) of the initial Contract amount all taxes inclusive per calendar day of delay from the first to the 30th day beyond the Contractual time-limit;

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: (position or volume of works)
(To be specified cf. *Special Technical Conditions*)

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 **Three (03) Months**.

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

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

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

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

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

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

Article 34: Insurance of structures and civil liabilities (article 45 of GAC)

The Contractor shall take out a third party risk insurance concerning persons, property or liabilities from an insurance company governed by the "CIMA" insurance code.

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

35.1 Programme of works, Quality Assurance Plan and pegging map.

a) Within a maximum deadline of *fifteen (15) days* from the date of notification of the Administrative Order to commence execution, the Contractor shall submit in *six (6)* copies for the approval of *project owner after the endorsement of the Contact Engineer* the execution programme of the works, his supply calendar, his draft Quality Assurance Plan and the Environment Management Plan, where applicable and the electricity network pegging map at scale 1/2500.

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

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

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

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

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

The Contractor shall constantly update on site, a schedule that will take account of real progress of the site. Significant modifications may only be made on the Contractual programme upon receiving the

approval of the Project engineer. After approval of the execution schedule by the Contract Manager, the latter shall transmit it within five (5) days to the Contracting Authority without staying its execution. However, if important modifications alter the objective of the Contract or the nature of the works, the Contracting Authority shall return the execution schedule accompanied by reservations to be lifted within fifteen (15) days of the date of reception.

- 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 not exceed 30 % of the initial amount of the Contract and its additional clauses.

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

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

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

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

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

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

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

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 contract.
- 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;
- RD/MINMAP/NW (Observer);
- The Beneficiary;
- Contractor.

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 Engineer shall fix the reception date in collaboration with the chief of service for the Contract.

42.2 Acceptance

The acceptance commission shall comprise:

- 1- The President of the North West Regional Assembly or his representative(Chairman)
- 2- The Contract Engineer..... (Secretary)
- 3- The Contract Manager or his representative..... (Member)
- 4- The Stores Accountant of North West Regional Assembly..... (Member)
- 5- The RD MINMAP/NW or his representative..... (Observer)
- 6- The Fon of the Palace concern or his representative..... (Observer)
- 7- The Commissioner for Education, Sports and Cultural Development at the North West Regional Assembly (Observer)
- 8- The Contractor or his Representative..... (Observer)

The commission shall examine the report of the pre-acceptance including a video from the Contractor showing the stages of works executed. This shall proceed with 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 (5) 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 Decree No. 2018/366 of 20 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 50 and last: Entry into force of the Contract

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

Document N°. 5
SPECIAL TECHNICAL CONDITIONS
(STC)

TECHNICAL SPECIFICATIONS

SUMMARY (STC/CCTP) FOR THE REHABILITATION AND EXTENSION OF SOME FONS' PALACES IN THE NORTH WEST REGION

- 1 - GENERALITIES
- 2- PREPARATORY WORKS-IMPLANTATION
- 3- FOUNDATION
- 4 - ELEVATION WORKS
- 5- ROOF TRUSS AND THE COVERING
- 6 - JOINERY AND METAL WORKS
- 7 - PLUMBING-SANITARY
- 8- ELECTRICAL INSTALLATION
- 9 - RENDERING (PLASTERING) AND COATING
- 10 - PAINTING
- 11 - OUTSIDE AMENITIES AND LAYOUT PLANNING
- 12 - FLOOR AND WALL FINISHES
- 13 - PROTECTION OF THE ENVIRONMENT

1 - GENERALITIES

These present special technical specifications concern **the rehabilitation and extension of some Fons' palaces in the North West Region**. It is the duty of the contractor to realize the structure as per the execution plans that shall be approved by the project Manager provided by the project owner.

Through the project Manager, the contractor shall furnish the owner of the project within the shortest possible time with an installation plan showing clearly how he intends to run the work site. A fence in local materials shall enclose the whole work site to avoid trespassing

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

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

The contractor shall verify all dimensions on the plans. For execution, no dimension shall be measured with a scale rule from the plans. The contractor shall check inside the possibility of translating the dimensions on plans to the structure before work begins. He shall refer to the project Manager in case of any doubt. He shall not on his/her own modify anything on the structure and shall seek the approval of the project Manager of any changes that he considers necessary.

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

2 - PREPARATORY WORKS – SETTING OUT

These works concern the demolition of any existing structure on the site and the evacuation of the rubbles to the public discharge, the clearing and levelling of the site where necessary.

The contractor shall satisfy himself as to the accuracy in line, level and dimension of the basic survey information provided by the employer. He shall set out the works from all the employer benchmarks indicated in the drawings. The setting out will be in respect to the technical plans. The setting out profile boards will be at least 1, 20 m from the axes of the external wall; this is to facilitate trenching and other earthworks, and good circulation. The commencement of excavation will not be accepted by the project Manager without checking the conformity of the setting.

The minimal depth of the excavation trenches shall be of 80cm, and depending on the soil bearing capacity. Where there is black vegetable soil or soil with low bearing capacity at the bottom of the trench, the contractor shall continue excavation up to a depth as will be approved by the project Manager. The excavations will be done manually and no concrete or mortar shall be laid on the bottom of the trench without the acceptance of the project Manager.

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

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

3 - FOUNDATION

3-1 EXCAVATION OF FOUNDATIONS FOR STRUCTURES

The excavation of foundation for structures and any associated drainage works shall be kept to the minimum. The sides of the excavation shall be properly timbered or sheet piled, shored and strutted as necessary to prevent subsidence or slipping of the surrounding soil.

All excavated surfaces, in material other than hard material, on which foundations for structures are to be placed shall be compacted to 105% MDD (AASHTO T99) immediately before foundations are constructed.

Excavated surfaces in hard material shall be further excavated to achieve a minimum thickness of 50mm of blinding concrete.

Surplus excavation material shall be taken to spoil areas or may be used in adjacent earthworks if considered suitable by the engineer.

3-1-2 BACKFILLING OF EXCAVATIONS AND FILLING FOR STRUCTURES

Filling and backing filling operations around structures or in trenches or excavations and loading of structures shall not commence without the approval of the control Engineer.

The sequence of filling and backfilling behind and around a structure and the maximum difference in height at any time between fill levels shall be as directed by the Engineer.

All filling and backfilling shall be with selected materials approved by the Engineer, brought up in horizontal layers not exceeding 150mm compaction thickness. Each layer shall be thoroughly mixed, watered or dried as necessary, and compacted to a maximum Dry density of 105% MDD (AASHTO T99).

Timbering and sheeting left in for purpose of supporting the excavation shall be eased up 150 mm at a time in step with the backfill layer. Where instructed by the Engineer, timbering or sheeting shall be left in place.

3-2 Elevation of foundation walls

The elevation of foundation walls will be in agglomerated frog fill blocks of 20 x 20 x 40cm with a good crushing resistance. The mixing for block moulding should give at most 18 blocks per bag of cement. They should be kept set at a minimum strength at 28 days (in Mpa) before laying on the walls.

3-3 Floor slabs on hard-core

Floor slabs on hard core shall consist of reinforced concrete elements mesh of rods 6mm 350kg/m³ and of thickness 8cm. The slab shall be isolated from the structural frame and the ground beams by a dry joint. The platform shall be of carefully selected material and shall be compacted to at least 95% of the optimum dry density at Modified Proctor. Prior to levelling and compacting, the platform shall be purged of all poor quality material and/or soil that have deteriorated as a result of movement of equipment and rain action. Purged soil shall be replaced by lateritic material.

4 – ELEVATION WORKS

4-1 Concrete blocks

The elevation walls will be in agglomerated hollow blocks of 15 x 20 x 40cm with a good crushing resistance. The mixing for block moulding should give at most 32 blocks per bag of cement. They should be kept set for at least 28 days before laying on the elevation walls.

The reinforced concrete pillars of section 15 x 15 and 15 x 30 at 350 kg/m³ will be cast as one raises the agglomerated hollow blocks walls and this is to permit a good adhesion. The characteristic strength of concrete at 28 days should not be less than 16Mpa. The maximal spacing of the pillars is to be 5, 00 m of span or as on plans. The lintels 15 x 20 in reinforced concrete at 350 kg/m³ will be levelled to + 2,20 m above the level of the finished foundation.

The average height under the ceiling is 3,00m.

A chaining beam of 15 x 20 cm in reinforced concrete at 350 kg/m³ will be laid above the finished level of the agglomerated hollow blocks walls with fixing plates so as to receive the wooden roof truss.

4-2 Reinforcement steel

Hot-rolled bars for the reinforcement of concrete shall comply with BS 4449 or shall be of deformed bars EF40 for both main and secondary reinforcements. Cold-worked steel bars for the reinforcement of concrete shall comply with BS 4483. The elasticity limit for high yield steel shall be 400 Mpa.

TABLE 1 : REINFORCEMENT SCHEDULE.

Nº	STRUCTURE	SIZES	RODS φ	RODS Torsφ	STIRRUP Spacings	DOSAGE	TYPE
		Nos					
1	Footings	6	12mm	6mm	20cm	400kg/m ³	Fe-E-400
2	Damp proof course	4	10mm	6mm	20cm	400kg/m ³	Fe-E-400
3	Lintel (15x20)	4	8mm	6mm	20cm	350kg/m ³	Fe-E-400
4	Veranda Pillars	4	10mm	6mm	20cm	350kg/m ³	Fe-E-400
5	Wall pillars 15x15	4	10mm	6mm	20cm	350kg/m ³	Fe-E-400
6	Wall plate 15x20	4	8mm	6mm	20cm	350kg/m ³	Fe-E-400
7	Beams 20x20 or 15x20	4	10mm	6mm	20cm	350kg/m ³	Fe-E-400

TABLE 2: CONCRETE CLASSES AND STRENGTHS

INTENDED USE	CEMENT		MINIMUM STRENGTH AT 28 DAYS (in Mpa)	
	Nature	Dosage kg/m ³	Compression	Tensile
B1 Blinding concrete	CPJ 35	150		
B2 Buried structures	CPJ 35	350	22	1,8
B3 Normal structure Elevation	CPJ 35	350	22	1,8
B4 Eventually pre-stress concrete	CPJ 35	400	30	2,9
B5 Slope executions Finishes	CPJ 35	300		

TABLE 3: CLASSES OF MORTAR

INTENDED USE	Binder		Sand	
	Designation	Dosage kg/m ³	Gain size	Dosage
1 Bedding mortar	CPJ 35 XHA	150 200	0,08/2,5	1 000 1
2 Bonding mortar	CPJ 35	350	0,08/2,5	1 000 1
3 Cement plaster	CPJ 35	400	0,08/2,5	1 000 1
4 Lime cement plaster	CPJ 35 XHA	200 200	0,08/2,5	1 000 1
5 Cement screed	CPJ 35	450	0,08/2,5	1 000 1

4-3 FORMWORK FOR CONCRETE

Definitions

♦ Formwork means the surface against which concrete is placed to form a face, together with all the immediate supports to retain it in position while concrete is placed.

- ♦ False work means the structural elements supporting both the formwork and the concrete until the concrete becomes self-supporting.
- ♦ A form face is one, which has been cast against formwork.
- ♦ An exposed face is one, which remains visible after construction has been completed.

4-3-1 Removal of Formwork

Formworks shall be carefully removed without shock or disturbance to the concrete. No concrete shall be removed until the concrete has gained strength to withstand safely any stresses to which it may thereby be subjected.

The minimum periods which shall elapse between completion of placing and removal of forms are given in the table 4 and apply to ambient temperatures higher than 10°C. At lower temperatures if cement other than ordinary Portland are involved, the Engineer may instruct different periods.

TABLE 4: MINIMUM PERIODS FOR FORMWORK REMOVAL

Position of Formwork	Minimum period for ambient temperatures over 10°C	Strength to be Attained
Vertical or near vertical faces of mass concrete	24 hours	0.2C
Beam sides, columns and walls	2 days	-
Vertical or near faces of reinforced walls, beams and unloaded columns	48 hours	0.3C
Beams soffits (props left under)	7 days	-
Underside of arches beams and slabs (formwork only, props left under)	4 days	0.5
Support to underside of arches, beams and slabs	14 days	-
Floor slabs with frequently encountered spans	15 days	-
Floor slabs and beams with wide spans expected to receive imposed loads immediately after removal of formwork	28 days	-

4-3-1 Upper Floor Slabs

Upper floor slabs shall consist of hollow sandcrete blocks supported by reinforced concrete ribs and with a reinforced concrete compression zone. However, where it is explicitly prescribed or if otherwise indicated by structural considerations, the floor slabs or portions thereof shall be executed as solid slabs. In such cases, the solid slab shall be executed with B3 type concrete using C2 formwork, and taking all necessary measures to ensure provision of passages for various pipes and vertical tunnels as may be required, as well as the incorporation of various items.

4-3-2 Staircases

Staircases shall be constructed with type B3 reinforced concrete using type C3 formwork, in accordance with the shapes and dimensions indicated on plans. They shall comprise of stairs on reinforced platform, landings and half-landings in solid slab. They shall be housed or semi-housed as indicated by the plans.

4-4 PLASTERING

4-4-1 Plastering with Cement Mortar

Nº 3 cement mortar plaster shall be applied on block work as may be required on reinforced concrete surface after raking.

The plastering operation shall involve cleaning of the support surface, application of spatter-dash for adherence, a preliminary coat and a finishing coat of plaster with a minimum overall thickness of 15mm. The operation must be carried out manually and the use of any mechanical or pneumatic devices is strictly forbidden. Plastered finishes on form worked concrete shall comprise an open joint. The plastering shall be perfectly aligned and smooth-finished, with angles perfectly recti-linear.

4-5 RAINWATER DRAINAGE

4-5-1 Rainwater Gutters

The gutters shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 50 x 50 cm and minimum wall thickness of 10cm.

4-5 Sewage Drainage

The system adopted is the use of one batch collection and treatment unit per building receiving all foul matter. The unit is drained from time to time when it is full. The volume shall be determined on the basis of working design calculations for each individual case.

5 – ROOF TRUSS AND COVERING

5-1 Timber roof structural frame

General Description

The works described in this section involve the construction of timber roof structure (including trusses and purlins) in hardwood.

- **Trusses** of hardwood agreed by the Project Manager shall compose of single frame rafters of 5cm x15cm and spaced at 1.50m interval. These treated with xylamom rafters will be solidly attached to the wall plate with the help of standby beam iron rods also spaced at 1.50m spacing; i.e.: eucalyptus, mahogany, iroko etc,

- **Purlins**- shall consist of 5 x 8 cm timbers. All structural timber shall be treated with carbonyl or xylamon. The timber for the *roof work will be of good quality, with the straight grain and free of any defect.*

5- 2 Roof Covering

The nature of the roof cover envisaged within the framework of the present project shall be 5/10 curved shape gauge enameled aluminum roofing sheets (colour to be chosen by the contract engineer) of ample length. The sheets shall be fixed onto the purlins using screw nails equipped with aluminum caps and bituminous rubbers gaskets.

-**Facial board** shall be 40cm wide and of high rib aluminum sheets (tôle BAC) of 5/10 mm thickness.

-**Ceiling**- Ceiling will be made of 4mm thick (red plywood on both sides). Fastened on noggins of 6cm thick or 5x5 and treated with carbonyl. The spaces for ceiling joist panel will be 60x120cm in size. Eaves shall be equipped with wire mesh ventilation holes and for external ceiling, light metal sheet (TOLE LISSE) shall be used at the eaves

6 – JOINERY AND METAL WORKS

6-1 Scope

The work under this heading includes generally all interior wood finish, such as doors and frames, transom, base, skirting board, cupboards, cases, cabinets, lockers, shelving, fittings for special rooms, etc., and all external wood finish as required by the drawings and specifications.

6-1-1Doors Frame

Provided, unless otherwise specified in the details drawings, 18 x 5cm rebated frames or linings to all doors and fix to walls with four galvanized or wrought iron building in-lugs screwed to back of frame and built into joints of block work.

Fix feet of all doorframes with 1cm x15cm mild steel rod doweled into frame and floor or all doors, factory manufactured, delivered to site with door hinged on and closed into the frame will be mounted with faces flushed with the finished plastered surface on the walls to take architraves.

6-1-2 Shelving

Provide 2.5cm hardwood shelving to cupboard alcoves as indicated where applicable on drawings fixed on 5cm x 2.5cm framed gallon brackets. All shelving shall be fitted 2.5cm clear of wall face with frames and shutters.

6-1-3 Metal Doors

All doors will be made of wrought iron double metal fitted on metallic frame anchored in the wall with angle 35mm metal of Size; 2.20m x 0.97m. Angle bar 35mm for metallic doors and for window frames and shutters. Moreover, all windows shall have fitted and fixture or solid metal protectors inside.

6-2 EXTERIOR HARDWOOD ENTRANCE DOORS

Furnish and set all wood entrance doors indicated on the drawings. The doors shall be made out of hardwood found in Cameroon. (Mahogany, Iroko etc.) all of selected grade.

Rails, stiles and panels shall be solid. The doors shall be primed with one coat of pure white lead linseed oil paint before delivery except otherwise decided by the contract Engineer. The contractor reserves the right to take apart one door for examining the materials and method of construction.

Panels of exterior entrance doors shall be of the floating type, constructed on built-up cross of narrow strips of thickness required by the details, of Mahogany or hardwood timber with grain reserved in alternate trips, glued together under machine pressure. All glue used in the construction of these exterior doors shall be of phenolic resin type capable of resisting any tests demanded by the Engineer. All surfaces of door shall be properly sanded and prime with one coat of pure white lead and linseed oil paint before delivery. When delivered at the building the doors shall be once fitted to the openings and all edges sealed with a heavy coat of approved paint by the Engineer except otherwise decided.

6-3 INTERIOR DOORS, TRIM, ETC...

Furnish and set all wood doors, transoms, amps, bars, trim, plinths, partitions, etc., as indicated on the details and scale drawings.

Stiles and rails shall be blind-tenoned, wedged and glued together. Panels shall be tongued and grooved into stiles and rails, and glued together under machine pressure. Interior flush wood doors may be assembled with highly water-resistance glue and 2cm hardwood spiral dowel, five inches long, or with mortise and tenons with blind wedges.

6-4 WINDOWS

All windows shall be of glass and frame with aluminum vitreous enamel, in accordance with details working drawings. Unless otherwise indicated.

7 - PLUMBING - SANITARY

7-1 GENERAL

This section relates to all plumbing installations located within the building.

7-1-2 DEFINITION OF WORKS

THE WORKS INVOLVE:

- ♦Construction of network for evacuation of foul waste, waste water and rain water from the building.

- ♦Supply, installation and connection of sanitary equipment, including related pipe-work for the building.

The contractor for plumbing works shall execute all buried portions of the works as shall be necessary for the proper functioning of the structure, with the exception of those aspects of works that are attributed to the section in charge of site works.

Pipes Diameters for Connection and Discharge Rates for Various Sanitary Installations

WC English type	D 10/12	6l/min
Wash hand basin	D 12/14	12l/min
Shower	D 14/16	15l/min
Urinary	D 12/14	6l/min
Sink	D 12/14	12l/min

Pipes Diameters for Connection and Flow Rates for Various Sanitary Installations

Shower	D 40	30 l/min
Wash hand basin	D 32	45 l/min
Sink	D 40	30 l/min
WC	D 100	90 /min

7-2 RAINWATER - WASTEWATER AND FOUL WATER DRAINAGE

7-2-1 GENERAL

The pipes works shall consist of rigid evacuation series PVC tubes of appropriate diameter, including all necessary accessories for placing, assembling, connection, etc. Waste water and foul water shall be evacuated separately. The networks shall transport their loads by gravity right up to the external inspection chambers.

Foul water is water discharged from the WCs.

Waste water comprises all other water discharges that need to be evacuated, including water from floor drains, but excluding rainwater collected from roofs, terraces and gutters.

Drainage plugs shall be provided at each change in flow direction, and if possible, at each single point.

Rainwater Drainage Network

In general, the assignment of the present section starts from the point of rainwater in roof gutters installed by the section responsible for roof cover and on terraces constructed by the section for waterproofing. Rainwater collected in the roof gutters is spilled on to the terraces or evacuated through PVC down-pipes of appropriate diameter, right down to the inspection chambers at the foot of the down-pipe.

The pipe works shall be supported by means of metal rings (type: COLSON or equivalent) of appropriate diameter for evacuation of waste water and foul water.

Floor Drains

Floor drains in all the buildings if provided shall be of stainless steel, with retention basket, easily removable for purposes of cleaning. They shall be properly fitted into the floor finish in order to avoid standing water or accumulation of dirt.

7-2-2 Foul Water Chambers

These chambers shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 40x30 cm.

7-2-3 Sewage Drainage

The system adopted is the use of one batch collection and treatment unit per building receiving all foul matter. The unit is then drained from time to time when it is full. The volume shall be determined on the basis of working design calculations for each individual case.

8- ELECTRICAL INSTALLATION

8-1DESCRIPTION OF STRUCTURES

8-1-1 GENERAL

The works described in this chapter involve the supply and full development of all materials necessary for the putting in place of electrical installations for the building.

8-1-2 SCOPE OF WORK

The works shall generally comprise of the following:

- Supply, transportation and installation of equipment
- Main distribution box
- Low voltage horizontal distribution boards
- All wiring for special connections
- All conduits and cable carriers Normal lighting of all spaces
- Security lighting
- Small light fittings, sockets, switches
- Earthed socket and interconnection networks

The present works description is in no way restrictive, and the contractor shall supply all materials and execute all works within his professional domain that may be necessary for the complete execution of the structure.

The interior facilities (sheaths VGV cables, TH etc...) will be executed according to the norms and the rules concerning electrical installations at the time of the oversite concrete or as the agglomerated hollow blocks walls are being raised. Any necessary branching from **Eneo** network should respect the regulation in force. Accessories and luminous elements (sockets, switches etc...) will be of good quality. The set of facilities will be joined to a general earth hold.

9- RENDERING (PLASTERING) AND COATINGS

9-1 Plastering with Cement Mortar

N° 3 cement mortar plaster shall be applied on block work as may be required on reinforced concrete surface after raking.

The plastering operation shall involve cleaning of the support surface, application of spatter-dash for adherence, a preliminary coat and a finish coat of plaster with a minimum overall thickness of 15cm. the operation must be carried out manually and the use of any mechanical or pneumatic devices is strictly forbidden. Plastered finishes on form worked concrete shall comprise an open joint. The plastering shall be perfectly aligned and smooth-finished, with angles perfectly recti-linear.

9-1-1 Concrete surface finishes

Two types of concrete surface finishes are specified:

A- Brute concrete surfaces

For this type, the works shall be carried out as follows: Prepare and refill voids, make good all defects on angles, joints, etc.,

B- Painted concrete surfaces:

For this type of concrete surface, the following works shall be carried out: Prepare and refill voids, make good surface defeats as appropriate with TECHNICOAT approved products, including all preparatory works prescribed for concrete surfaces to be painted.

9-1-2 Blinding Courses and Lintels

Make good binding courses, and lintels, window and door sills including verification of levels, and surface preparation to ensure proper adherence of plastering with mortar type 3.

9-2 SCREEDS, BUBBING UP, BASES AND WORKTOPS

9-2-1 Screeds and dubbing

They shall be executed with mortar type n° 5 in conformity with thickness specified on architectural and structural drawings. In general, these screeds will be smooth finished; they shall be pattern-finished in areas where they constitute final floor finishing.

8-2-2 Bases and Worktops in Concrete:

Dosed at 350kg/m³ comprising formwork and reinforcement, with thickness as indicated on plans.

10- PAINTING

10-1 scope

The work under this section shall include the furnishing of all material and labour to complete all interior and exterior painting as hereinafter specified for the building.

The contractor shall be required to finish all interior and exterior painting in accordance with the various colours selected by the project owner for the various rooms, corridors and all other locations throughout the building in accordance with a colour schedule.

10-2 EXTERIOR WOODWORK AND METALWORK

10-2-1 Exterior Woodwork

Sash and doors including frames shall be painted in two coats of the specified oil paint in addition to the shop coat. Exposed surfaces of steel lintels shall be painted with the windows.

All other exterior woodwork not otherwise specified, shall be primed with a heavy coat of lead and oil paint on all sides and edges before erection, and painting with two coats of the specified finish paint.

10-2-2 Exterior Metal Work

Prior to finishing with the desired type of protective and decorative coating, all metal surfaces must be properly clean and prime with a rust inhibiting primer. The surface should be free of dust, scale, grease, oil, wax or other contaminant that impair the adhesion of the primer.

Paint all surfaces of exterior structural metal work with red lead pigment or other suitable paint. All steel lintels in exterior walls (not connected by hangers, bolts, or otherwise to the structural steel work shall be painted in a field coat of red oxide before erection.

In addition to the shop coat of miscellaneous and ornamental ironwork all exposed exterior miscellaneous ornamental iron work shall be given two coats of zinc dust pigment or other suitable finish paints to be decided by the control Engineer. This shall also apply to all exterior lintels furnished under structural steel.

Galvanised iron railings and wirework shall be given one coat of approved galvanised iron primer and one coat of lead, zinc and titanium paint or aluminium as will be appropriate.

All exterior mild steel metal windows and doors, after being erected shall receive two coats of zinc dust pigment or other suitable paint.

10-3 INTERIOR WOODWORK

All woodwork, in addition to the staining and filling, lacquering or shellacking, specified to be done under other sections of work shall be finished with one coat of spare varnish as will appropriate or decided by the control Engineer. Prime veneer finished flush doors, solid timber panel doors, finishing architraves, etc... and cabinets shall receive three coats of varnish. Plywood suspended ceilings; Cabinets under worktops in kitchens shall be painted in three coats of oil paint as appropriate.

10-3-1 Plaster, Concrete and Masonry

All plastered, concrete or masonry surfaces throughout the building (except the walls and the ceilings of the pipes and duct spaces) shall be painted as hereinafter specified.

The plastered walls and ceilings, including surfaces shall be given priming or first coat, and then finished with a second and final coat of exterior or interior acrylic resin emulsion paint. No painting is required on finished plastering that is permanently concealed at the back of fixed cabinets, etc.

10-4 PAINTS

All materials shall be delivered on the premises in the original sealed containers with the seal unbroken and with the name and trade brand of the manufacturer on each container. The manufacturer shall also place on each container a label on which he recommends the thinner to be used with the particular paint or otherwise decided by the control Engineer.

The interior walls and the ceiling will be painted in pantex 800. The outside walls will be painted in pantex 1300.

11- OUTSIDE AMENITIES AND LAYOUT PLANNING

11-1 RAINWATER CHAMBER

The chambers shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their dimensions shall be 40x30 cm, and minimum wall thickness of 10cm.

11 -1-1 Reinforced Concrete Covered Gutters

Covered reinforced concrete gutters shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 40x30 cm, and minimum wall thickness of 10cm

11-2 RAINWATER - WASTEWATER AND FOUL WATER DRAINAGE

11-2-1 GENERAL

The pipes works shall consist of rigid evacuation series PVC tubes of appropriate diameter, including all necessary accessories for placing, assembling, connection, etc. Waste water and foul water shall be evacuated separately. The networks shall transport their loads by gravity right up to the external inspection chambers.

Foul water is water discharged from the WCs.

Waste water comprises all other water discharges that need to be evacuated, including water from floor drains, but excluding rainwater collected from roofs, terraces and gutters.

Drainage plugs shall be provided at each change in flow direction, and if possible, at each single point.

Rainwater Drainage Network

In general, the assignment of the present section starts from the point of rainwater in roof gutters installed by the section responsible for roof cover and on terraces constructed by the section for waterproofing. Rainwater collected in the roof gutters is spilled on to the terraces or evacuated through PVC down-pipes of appropriate diameter, right down to the inspection chambers at the foot of the down-pipe.

The pipe works shall be supported by means of metal rings (type: COLSON or equivalent) of appropriate diameter for evacuation of waste water and foul water.

Floor Drains

Floor drains in all the buildings if provided shall be of stainless steel, with retention basket, easily removable for purposes of cleaning. They shall be properly fitted into the floor finish in order to avoid standing water or accumulation of dirt.

11-2-2 Foul Water Chambers

These chambers shall be constructed with B2 concrete using C1 formwork. They shall be either prefabricated or cast in-situ; their internal dimensions shall be 40x30 cm.

11-2-3 Sewage Drainage

The system adopted is the use of one batch collection and treatment unit per building receiving all foul matter. The unit is then drained from time to time when it is full. The volume shall be determined on the basis of working design calculations for each individual case.

12- FLOOR AND WALL FINISHES

12-1 INTRODUCTION

This section of the specifications concerns works for all internal floor and wall tiles as well as all heavy finishes on external walls and concrete elements for the building. Generally, floor tiles shall be of granite

stoneware, porcelain stoneware or unglazed ceramics, and wall tiles shall be of glazed vitrified ceramics for external walls and glazed vitrified porcelain for internal walls. External block wall surfaces shall be finished with ordinary cement plaster (smooth finished) to receive paint, manufactured finishing mortar, or roughcast with patterned pebbledash. External vertical structural elements in concrete shall be left in their natural smooth cement finish, or tiled. Pre-cast concrete horizontal elements and roof parapets shall receive tiling. Finishing joints shall be provided to mark changeover from one finishing type to another i.e. between vertical concrete elements (columns) and horizontal panels.

12-2 GENERAL

Porcelain stoneware tiles and vitrified ceramic tiles must be of good physical and chemical properties in conformity with stated codes: (BS, DTU, CSTB, Enamel porcelain Institute, etc.)

All tile work shall be clean upon completion, care being taken of all adjoining material and all work shall be left in a satisfactory condition.

The surfaces to receive tiles shall be well wetted, and the tile well soaked with clean water before application, no more tiles shall be removed from the soaking tubs to drain board than be applied within the hour.

- ♦ All wall tiles shall be laid up with vertical joints (not over 2mm thick), continuous and unbroken in perfect alignment.
- ♦ The tile shall be buttered or floated to suit conditions.
- ♦ Tiles shall be set, with type B mortar, to the required levels and planes with true lines and angles.
- ♦ Cut edges of tile shall be carefully ground and jointed. Do all cutting and drilling required for setting and as may be required by others in a neat manner without marring the surface.

13 - PROTECTION OF THE ENVIRONMENT

The entrepreneur will propose to the control engineer, before the beginning of works, the place of his/her yard facilities and will request his/her authorization of installation.

The site must be chosen outside of the sensitive zones, in order to limit the site clearing, the extraction of bushes, the setting out of the building and general circulation.

The site must foresee an adequate drainage of waters on the whole surface. The maintenance and of washing areas should be concreted. These maintenance areas should have a slope toward a cesspool provided for the purpose and toward the inside of the platform in order to avoid the out-flow of the polluting products toward the site and the neighbourhood.

At the end of the works, the entrepreneur will do all necessary works to the restoration of the various places of the site. The entrepreneur should fold all his/her material, and equipment. He should demolish all temporary installation, as foundation, support made of concrete or metallic, etc. in order to put back the site in its nearest initial state. No equipment or materials should be abandoned on the site or in the vicinity after the execution of all the works. Left-over materials are to be covered with a layer of earth, and the site has to receive an adequate drainage in order to avoid all erosion as the case may be.

Document N°. 6
SCHEDULE OF UNIT PRICES

**UNIT PRICE SCHEDULE FOR THE COMPLETION OF THE CONSTRUCTION OF
MISAJE FON PALACE, DONGA MANTUNG DIVISION, NORTH WEST REGION**

N°	DESIGNATION	UNIT	QTE	AMT IN WORDS	AMT IN FIGURE
	100;PRELIMINARY WORKS				
101	site Installation	ff	1		
102	Studies(execution planning,report of execution etc)	ff	1		
103	Demolition,buiding permit and enviromental impact	ff	1		
104	Backfilling and compaction with selected material	M2	225		
105	Re construction of collapsed walls,pillars and beams	ff	1		
	SUB-TOTAL 100				
	200: MASONRY FLOOR AND WALL FINISHES				
201	RC dosage 350kg/m ³ for columns, and tie beam	m3	50		
202	Cement blocks of 15x20x40 for completion of walls plus kitchen sink	no	500		
203	cement for the errection of walls plus kitchen sink	bags	20		
204	Mass concrete floor of 8 cm thick on hard core	m3	78.9		
205	Tilling of sitting rooms with glaze 60cmx60cm surfaced tiles	M2	50		
206	Tilling of rooms floors,kitchen floors and sink slaps and walls with 30cmx 30cm tiles	M2	200		
207	Plastering of walls and pillars with cement mortar dosed at 350kg/m3	M2	1000		
	SUB-TOTAL 200				
	300:JOINERY/METALS				
301	glazed sliding windows with metal protectors 1.2x1.0m	U	8		
302	glazed sliding windows with metal protectors .7x.7m	U	2		
303	wooden doors for internal rooms and locks 2.1x.9	U	8		
304	complete metatilic door and lock of 2.1x1.5m	U	1		
305	complete metatilic door and lock of 2.1x1.0m	U	1		
	SUB-TOTAL 300				
	400:ELECTRICAL INSTALLATIONS AND SINK				
401	supply, electrical installation and construction of kitchen sink in the palace building of the project	LS	1		
	SUB-TOTAL 400				
	500 ROOF WORK AND CEILING				
501	Roofing sheet (Tôles bac alu .35/10è))	U	80		
502	Rafters hard wood of 15X15 cm	U	200		
503	purlins for roof and ceiling of 5cmx 5cm	no	350		
504	ceiling in 4mm thick (red ply wood)	M ²	180		
505	ceiling at the eaves with smooth zinc(tole lisse)	M ²	45		
506	Fascia board sheet (Tole bac .35/10e of 30cm height)	ML	70		

507	Pipes, elbow, clips for roof water drainage and nails	U	1		
508	Valley gutters (4ml)	ML	70		
509	Alu ridge cap/Alu ridge piece with Alu gable edge piece	ML	50		
SUB TOTAL 500					
600:PAINTING					
601	Two coats of crystal white glue paint (pantex 800)on ceiling	M ²	77.43		
602	Priming coat in ordinary white paint on external and internal walls	M ²	237.3		
603	Two coats of water based paint (Pantex 800) on internal walls	M ²	250		
604	Two coats of water resistant paint (Pantex 1300) on external walls	M ²	236		
605	Oil paint on metallic doors ,window protectors, hand and skirting (30cm from floor level, internally and externally).coffee brown	M2	56		
SUB-TOTAL 500					
700:PLUMBING AND SANITORY FITTINGS					
701	Setic tank and soakaway pit	ls	1		
702	Supply and fittings of toilet pots toilets and shower	U	2		
703	Wash hand basin,towel hangers,tissue holders,mirrors and shower	U	2		
704	Tilling of toilets floors and walls with 30cm x 30cm tiles	M2	50		
SUB-TOTAL 700					
800:EXTERNAL WORKS					
801	External verandas and external gutters 35x40cm	ML	56		
802	Concrete slab (Ramp) over the gutter at entrances (1.50x1.00 wide)	LS	2		
SUB-TOTAL 800					
GRAND TOTAL					

UNIT PRICE SCHEDULE COST ESTIMATE FOR THE CONSTRUCTION OF THE NSO PALACE HALL

S/ N O	DESCRIPTIONS	UNITS	QTY	AMT IN FIGURES	AMT IN WORDS
1.0.	preliminary items and general site works				
1.1	general site installations and fencing shall be done with wood and zinc	ls	1		
	Sub Total of the earth preliminary items				
2.0.	Complimentary studies and preparations				
	Executions studies and various approval as built document	LS	1		
2.2					
	SUB TOTAL				
3.0.	FOUNDATION WORKS				
3.1	Excavation of foundation trench of 60 cm depth	Lm	170		
3.2	Excavation of FOUNDation pits of 1.20x1.20x1.40 for footings	m3	70.56		
3.3	Lean concrete dose 100kg/m3 for foundation footings	m3	0.72		
3.4	Reinforced concrete footings for columns dosed at 350kg/m3	m3	31.5		
3.5	RENFORCEDconcrete dose at 350kg/m3 for beams ground floor to first floor	m3	13.6		
3.6	Foundation walls with chocked sandcrete blocks 20x40x40 cm	m2	102		
3.7	Foundation chaining beams dosed at 350kg/m ³ including staircase anchor beam	m3	10.2		
	SUB TOTAL				
4	GROUND FLOOR MASONRY WORK				
4.1	15X20X40 sandcrete block walls works for ground floor walls + motar joints	m2	108.8		
4.2	Columns dosed at 350kg/m ³ for building including entrance decorated pillars	M ³	6.72		
4.3	Reinforced concrete lintels dosed at 200kg/m ³	M ³	3.26		
4.4	Reinforced concrete beams dosed at 350kg/m ³	M ³	12.24		
4.5	Reinforced concrete staircase dosed at 350kg/m ³	M ³	5.625		

4.6	mass concreting for ground floor	m2	107.9		
	Decking with hollow blocks and reinforced concrete dosed at 350kg/m ³ including conduiting and scaffolding				
4.7		M ²	120.5		
	SUB TOTAL				
5	FIRST FLOOR MASONRY WORK				
5.1	15cm sandcrete hollow block walls works for 1st floor walls	m2	108.8		
5.2	Columns dosed at 350kg/m ³ for building including entrance decorated pillars	M ³	6.72		
5.3	Reinforced concrete lintels dosed at 200kg/m ³	M ³	3.26		
5.4	Reinforced concrete beams dosed at 350kg/m ³	M ³	6.80		
	Sub Total concrete and masonry works for First floor				
6	PLUMBING				
6.3	waste; Evacuations network and treatment system				
6.4	supply and installations of PVC pipes Ø 125	M	10		
	supply and installations of PVC PIPES Ø 100	u	10		
6.5	SUPPLY and installations of PVC PIPES Ø 63	u	8		
6.6	Supply and installation of floor drains	U	3		
6.7	supply and installation of pipes plug	u	4		
6.1	SUB TOTAL OF THE PLUMBERING WORK				
6.1	ELECTRICAL WORKS				
6.1	Electrical works; cabling and Earthing	LS	1		
	SUB TOTAL EARTHING				
7	CONDUITING and Installation of all Electrical Accessories				
7.1	supply and installation of flexible conduit pipes junctions boxes and plastic cups	LS	1		
7.2	Electric cables 2,5mm & 1,5mm	Roll	10		
7.3	supply and installation of sockets, switches, and lamp holders	Is	1		
7.4	Supply and installation of flourecent lamps in all baths, bedrooms ,kitchens	Is	1		

	and sittings.			
7.5	Specialized accessories	u	1	
	SUB TOTAL FOR ELECTRICAL WORKS			
	ROOFING			
8.6	Hard wood for posts, braces, struts, rafters and purlines	Nº	200	
8.7	Tôle bac prelaquée aluminium roofing sheets including all accessories	Nº	55.00	
	SUB TOTAL			
10.1	GRAND TOTAL			
	VAT 19.25%			
	AMOUNT TTC			
10.2				

**UNIT PRICE SCHEDULE FOR THE REHABILITATION OF THE PALACE HALL IN
GUZANG BATIBO SUB DIVISION/MOMO DIVISION/NORTH WEST REGION**

SN	DESCRIPTION OF WORK	UNIT	QUANTITY	AMT IN WORDS	AMT IN FIGURES
100	PREPARATORY WORK				
101	Replacement of damaged rafters with hard wood (2x6x400) complete	FF	1.00		
102	Purlins with hard wood (2x3x400) completed	FF	1.00		
103	Nogging with hard wood, (2x2x400) complete	FF	1.00		
104	Replacement of damaged Ceiling board (4mm)	M ²	60.000		
105	Aluminium lagging sheets on surrounding of roof work	M ²	220.00		
106	Replacement of damaged Aluminium roofing sheets into tole bac $\frac{5}{10}$ e	M ²	1440.00		
107	Window shutters with glass and Aluminium frames complete	U	20.00		
108	Fascia board with tole bac $\frac{5}{10}$ e	M2	200.00		
109	Waste water gutter with U.P.C piping	LM	84.00		
	SUB TOTAL				
200	PAINTING				
201	Painting of the walls with Pantex (80) complete	M2	1,200.00		
202	Painting of the ceiling with Pantex (800) complete	M2	600.00		
203	Painting of the wooden frames, door shutters protectors' pillars and skirting with oil paint	M2	180.00		
	SUB TOTAL				
300	ELECTRICITY				
301	Wiring of the building with cable (2.5mm, 1.5mm, sockets and switches)	FF	1.00		
302	Fluorescent bulbs complete	U	30.00		
	SUB TOTAL				
400	METALIC WORK				
401	Window protectors	U	20.000		
402	Metallic door shutters	U	3.000		
	SUB TOTAL				
500	PLUMBING WORK				
501	WLC complete	U	4.00		
502	Sink	FF	1.00		
503	Showers	U	4.00		
504	Septic tank	FF	1.00		
505	Soak away pit	FF	1.00		
506	Inspection chambers	U	5.00		
507	Tiling of the bathrooms with Mosaic tiles	FF	1.00		
	SUB TOTAL				

UNIT PRICE SCHEDULE FOR THE REHABILITATION OF THE LAIKOM KOM PALACE IN THE FUNDONG MUNICIPALITY OF BOYO DIVISION, NORTH WEST REGION.

S/N	DESCRIPTION	UNIT	QTY	Amt in Figures	Amount in Words
LOT 100	SITE INSTALLATION				
101	Studies, site installations and mobilization	LS	1		
	<i>Sub/Total lot 100</i>				
	BLOCK 1				
Lot 200	PRELIMINARY WORKS				
201	Preparation on site, demolition of existing structures and evacuation of all rubbish on the site and making good the disturbed terrain	LS	1		
203	Setting out the position of the building on the site before commencement of any work to the satisfaction of the Control Engineer	LS	1		
	<i>Sub/Total lot 200</i>				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
301	Excavation of trenches to receive foundation walls maximum depth not exceeding 80cm	M3	25.7		
302	Backfilling Filling arising from excavated materials compacted in successive layers of 150mm	M3	14.68		
303	Lean mix blinding concrete dosed at 150kg/m3 with a thickness of 5cm	M3	1.2		
304	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam	M3	2.65		
305	Light concrete (oversite concrete) placed on the floor area of verandas, hall, dinning and corridors dosed at 250kg/m3 with a thickness of 6cm	M2	91.64		
306	Foundation walls in stone masonry with mortar dosed at 1:3	M3	18.99		
	<i>Sub/Total lot 300</i>				
Lot 400	WORK ON BUILT ELEVATIONS				
401	Walls sand screed block of 15x20x40cm dosed at 1:3 with mortar joints in sand cement mortar dosed at 300kg/m3	M2	224.3		
	<i>Sub/Total lot 400</i>				
500	SUPER STRUCTURE				
501	Reinforced concrete, dosage 350kg/m3 for lintels, columns, and Beams	M3	2.66		

502	Supply and placing of pre-fabricated pillars filled with reinforced concrete dosed at 300kg/m ³ and maximum of height 2.5m	U	4		
503	Supply and placing of pre-fabricated arches filled with reinforced concrete dosed at 300kg/m ³ with maximum span of 3.5m	U	4		
<i>Sub/Total lot 500</i>					
LOT 600	ROOF				
601	Wooden Rafters	m3	1.85		
602	Purlins 5cm x 8cm fixed to rafter to receive roofing sheets	M3	0.65		
603	Noggins (5x8) cm	m3	0.97		
604	Ceiling boards of 4cm thick plywood	M2	91.64		
605	Corrugated Aluminium roofing sheets of 3m long	M2	213.5		
606	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	14.6		
607	Angle sheets	ML	3.6		
608	Aluminum ridge cap 50cm large	ML	26.6		
609	Ceiling of the eaves with tole lise	M2	32.9		
610	Gutters	ML	34.6		
SUB TOTAL 600					
LOT 700	METALIC WORKS				
701	Supply and fitting of Complete double metallic door of 1.00m x 2.10 including the locks and accessories	NO	2		
703	windows protectors treated with antirust	m2	5.42		
704	Metallic gate for the verandas	M2	6.4		
<i>Sub/Total lot 600</i>					
LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	2		
802	Supply and fitting of complete wooden flush doors of 80 X 210cm including frames, lucks and and other ironmongery	No	2		
803	Supply and fitting of complete wooden flush doors of 70 X 210cm including frames, lucks and other ironmongery	No	2		
804	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	5.42		
<i>Sub/Total lot 600</i>					
LOT 900	ELECTRICITY				
901	Earthing of the building	LS	1		

902	Piping and fitting cups including Flexible orange tubes	LS	1		
903	Cabling V.G.V of 1,5mm2	LS	1		
904	Cabling TH of 2,5mm2	LS	1		
905	Complete bulbs 18watts	NO	10		
906	complete 500watts security Bulbs	NO	2		
907	Switches	NO	10		
908	Sockets embedded in the walls	NO	12		
909	General connection, master switches, junction boxes, circuit breakers, Clips, connectors, individual consumer units and all task necessary for a secure connections on the entire block	LS	1		
Sub/Total lot 600					
LOT 1000	PLUMBING				
1001	Water supply network including all piping, fittings and all other accessories necessary for a proper connection	LS	1		
1002	Waste evacuation net work done on acceptable norms including all pipes, fittings and all other accessories for proper waste evacuation	LS	1		
1003	Supply and fixing of toilet pots	UNIT	2		
1005	supply and fixing of shower stand with a drainage hole	UNIT	2		
1006	Supply and fixing of wash hand bassins	UNIT	2		
1007	Supply and fixing of urinary	Unit	0		
1008	Supply and fixing of towel hangers	Unit	2		
1009	Supply and fixing of toilet paper holder	Unit	2		
1010	Supply and fixing of soap holder	Unit	2		
1011	Supply and fixing wall mirrors	UNIT	2		
	Construction of kitchen sinks	UNIT	0		
1012	Inspection chambers	UNIT	2		
1015	Construction of septic tank, and soak away pit including all suggestions	UNIT	1		
Sub/Total lot 600					
LOT 1100	FINISHES: PLASTERING, TILING AND CEILING WORKS				
1101	25mm Plastering of internal and external walls with sand / cement mortar (1:3) laid in two coats and troweled smooth finish	M2	224.3		
1102	30mm screed on floors with sand / cement mortar (1:3) laid in one coat and float finish	M2	224.3		
1103	60x60cm x5mm thick ceramic floor tiles for the sitting and verandas	M2	42.76		
1104	40x40cm x5mm thick ceramic floor tiles fixed to sand/cement backing on rooms	M3	26.8		
1105	Mosaic tile for all water closet floors	M2	4.5		

1106	20x30x5mm thick ceramic wall tiles fixed to sand/cement backing on all water closets	M2	18.84		
	Sub/Total lot 700				
Lot 1100	PAINTING				
1201	Painting of Ceiling in 2 coats with pantex 800	M2	91.64		
1202	Painting of internal walls in 2 coats with pantex 800	M2	157.01		
1203	Painting of external walls in 2 coats with pantex 1300	M2	67.29		
1204	Painting of Wooden and metallic members with 2 coats of oil paint	M2	10.2		
	Sub/Total lot 700				
Lot 1300	ENVIRONMENTAL NITIGATION MEASURES				
1301	Construction and concreting of the veranda round the building	ML	32.9		
	Sub/Total lot 900				
	GRAND TOTAL FOR BLOCK 1				
	BLOCK 2				
Lot 200	PRELIMINARY WORKS				
201	Preparation on site, scrapping of walls and dismanteling of all prescribed objects	LS	1		
	Sub/Total lot 200				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
310	Light concrete (oversite concrete) placed on the floor area of verandas, hall, dinning and corridors dosed at 250kg/m3 with a thickness of 6cm	M2	42.3		
	Sub/Total lot 300				
LOT 600	ROOF				
601	Noggins (5x8) cm	m3	0.36		
602	Ceiling boards of 4cmm thick plywood	M2	42.3		
603	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	10.2		
604	Ceiling of the eaves with tole lise	M2	23.4		
605	Gutters	ML	26.6		
	SUB TOTAL 600				
LOT 700	METALIC WORKS				
701	Supply and fitting of Complete double metallic door of 1.00m x 2.10 including the engine and lucks	NO	2		
702	windows protectors treated with antirust	m2	1.44		
	Sub/Total lot 600				

LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
802	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	1.44		
	Sub/Total lot 600				
LOT 900	ELECTRICITY				
901	Earthing of the building	LS	1		
902	Piping and fitting cups including Flexible orange tubes	LS	1		
903	Cabling V.G.V of 1,5mm2	LS	1		
904	Cabling TH of 2,5mm2	LS	1		
905	Complete bulbs 18watts	NO	4		
906	complete 500wats security Bulbs	NO	0		
907	Switches	NO	4		
908	Sockets embedded in the walls	NO	4		
909	General connection, master switches, junction boxes, circuit breakers, Clips, connectors, individual consumer units and all task necessary for a secure connections on the entire block	LS	1		
	Sub/Total lot 600				
LOT 1100	FINISHES: PLASTERING, TILING AND CEILING WORKS				
1101	25mm Plastering of internal and external walls with sand / cement mortar (1:3) laid in two coats and troweled smooth finish	M2	188.64		
1102	60x60cm x5mm thick ceramic floor tiles	M2	32.25		
	Sub/Total lot 700				
Lot 1200	PAINTING				
1201	Painting of Ceiling in 2 coats with pantex 800	M2	42.3		
1202	Painting of internal walls in 2 coats with pantex 800	M2	132.05		
1203	Painting of external walls in 2 coats with pantex 1300	M2	56.592		
1204	Painting of Wooden and metallic members with 2 coats of oil paint	M2	10.2		
	Sub/Total lot 700				
	GRAND TOTAL FOR BLOCK 2				
	BLOCK 3				
Lot 200	PRELIMINARY WORKS				

201	Preparation on site, demolition of existing foundation and evacuation of all rubbish on the site and making good the disturbed terrain	LS	1		
203	Setting out the position of the building on the site before commencement of any work to the satisfaction of the Control Engineer	LS	1		
	Sub/Total lot 200				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
301	Excavation of trenches to receive foundation walls maximum depth not exceeding 80cm	M3	10.46		
306	Backfilling Filling arising from excavated materials compacted in successive layers of 150mm	M3	4.6		
307	Lean mix blinding concrete dosed at 150kg/m3 with a thickness of 5cm	M3	0.45		
308	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam	M3	2.65		
310	Light concrete (oversite concrete) placed on the floor area of verandas, hall, dinning and corridors dosed at 250kg/m3 with a thickness of 6cm	M2	33.4		
311	foundation walls in stone masonry with mortar dosed at 1:3	M3	9.16		
	Sub/Total lot 300				
Lot 400	WORK ON BUILT ELEVATIONS				
401	Walls sand screed blocks 15x20x40cm dosed at 1:3 with mortar joints in sand cement mortar dosed at 300kg/m3	M2	99.1		
	Sub/Total lot 400				
500	SUPER STRUCTURE				
501	Reinforced concrete, dosage 350kg/m3 for lintels, columns and Beams	M3	1.04		
502	Supply and placing of pre-fabricated pillars filled with reinforced concrete dosed at 300kg/m3 and of height 2.7m	U	2		
503	Supply and placing of pre-fabricated arches filled with reinforced concrete dosed at 300kg/m4 with at a span of 4m between the two buildings	U	1		
	Sub/Total lot 500				
LOT 600	ROOF				
601	Wooden Rafters	m3	0.7		
602	Purlins 5cm x 8cm fixed to rafter to receive roofing sheets	M3	0.6		
603	Noggins (5x8) cm	m3	0.2		
604	Ceiling boards of 4cmm thick plywood	M2	12.925		
605	Corrugated Aluminium roofing sheets of 3m long	M2	89.25		

606	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	8.6		
607	Angle sheets	MI	0		
608	Aluminum ridge cap 50cm large	ML	16.4		
609	Ceiling of the eaves with tole lise	M2	0		
610	Construction of two bands (lower and upper Bands) including supports and all suggestion	LS	1		
	SUB TOTAL 600				
LOT 700	METALIC WORKS				
703	windows protectors treated with antirust	m2	1.44		
704	Fabrication and blacing of a bouble gate of 4x3m at the entrance to the fon's private chambers	M2	1		
	<i>Sub/Total lot 600</i>				
LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
802	Supply and fitting of complete wooden flush doors of 80 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
804	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	1.44		
	<i>Sub/Total lot 600</i>				
LOT 900	ELECTRICITY				
901	Earthing of the building	LS	1		
902	Piping and fitting cups including Flexible orange tubes	LS	1		
903	Cabling V.G.V of 1,5mm2	LS	1		
904	Cabling TH of 2,5mm2	LS	1		
905	Complete bulbs 18watts	NO	3		
906	complete 500wats security Bulbs	NO	0		
907	Switches	NO	3		
908	Sockets embedded in the walls	NO	2		
909	General connection, master switches, junction boxes, circuit breakers, Clips, connectors, individual consumer units and all task necessary for a secure connections on the entire block	LS	1		
	<i>Sub/Total lot 600</i>				
LOT 1100	FINISHES: PLASTERING, TILING AND CEILING WORKS				

1101	25mm Plastering of internal and external walls with sand / cement mortar (1:3) laid in two coats and troweled smooth finish	M2	198.2		
1102	30mm screed on floors with sand / cement mortar (1:3) laid in one coat and float finish	M2	33.4		
	Sub/Total lot 700				
	GRAND TOTAL FOR BLOCK 3				
	BLOCK 4				
Lot 200	PRELIMINARY WORKS				
201	Preparation on site, dismanteling of roof, demolition of existing building and evacuation of all rubbish on the site and making good the disturbed terrain	LS	1		
203	Setting out the position of the building on the site before commencement of any work to the satisfaction of the Control Engineer	LS	1		
	Sub/Total lot 200				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
301	Excavation of trenches to receive foundation walls maximum depth not exceeding 80cm	M3	10.86		
306	Backfilling Filling arising from excavated materials compacted in successive layers of 150mm	M3	2.6		
308	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam	M3	2.25		
311	foundation walls in stone masonry with mortar dosed at 1:3	M3	8.24		
	Sub/Total lot 300				
Lot 400	WORK ON BUILT ELEVATIONS				
401	Walls sundry blocks with mortar joints in sand cement mortar dosed at 300kg/m3	M2	99.1		
501	Reinforced concrete, dosage 350kg/m3 for lintels, columns, and Beams	M3	1.04		
	Sub/Total lot 400				
LOT 600	ROOF				
601	Wooden Rafters	m3	0.7		
602	Purlins 5cm x 8cm fixed to rafter to receive roofing sheets	M3	0.6		
605	Corrugated Aluminium roofing sheets of 3m long	M2	124		
606	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	8.6		
607	Angle sheets	MI	0		
608	Aluminum ridge cap 50cm large	ML	16.4		

610	Construction of two bands (lower and upper Bands) including supports and all suggestion	LS	1		
	SUB TOTAL 600				
LOT 700	METALIC WORKS				
701	windows protectors treated with antirust	m2	1.44		
	<i>Sub/Total lot 600</i>				
LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
802	Supply and fitting of complete wooden flush doors of 80 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
804	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	1.44		
	<i>Sub/Total lot 600</i>				
LOT 900	ELECTRICITY				
901	Piping and fitting cups including Flexible orange tubes	LS	1		
	<i>Sub/Total lot 600</i>				
	GRAND TOTAL FOR BLOCK 4				
	SUMMARY				
1	BLOCK 1				
2	BLOCK 2				
3	BLOCK 3				
4	BLOCK 4				

UNIT PRICE SCHEDULE FOR THE REHABILITATION OF THE BAMESSING PALACE

UNIT PRICE FOR THE CONSTRUCTION OF HALL INCLUDING STUDIOS, TOILETS AND KITCHEN					
	DESCRIPTION	UNT	QTY	Amt in figures	Amt in Words
1	lot 100:SITE PREPARATION				
1.1	Installation of the site	ls	1		
	SUB TOTAL TOTAL				
2	LOT 200:FOUNDATION				
2.1	Prepare and Excavate column footings	no	19		
2.2	Prepare and Excavate foundation trenches	ml	95.41		
2.3	Prepare and lay a 5cm thick layer of hardcore/blinding concrete under all footings	m3	0.28		
2.4	Execute reinforced concrete footings of dosage of 350kg/m3	m3	2.59		
2.5	Provide prepare and execute foundation walls with blocks of 20x20x40cm	m2	95		
2.6	Execute reinforced concrete grid ground beams/columns of dosage of 350kg/m3	m3	4.5		
2.7	Provide for earth and backfill foundation	trips	1		
	SUB TOTAL				
	LOT 300: ELEVATION				
3.1	Execute walls of 15x20x40cm blocks	m2	400		
3.2	Execute columns of dosage 350kg/m3	m3	4.2		
3.3	Provide and cast reinforced concret, lintles and arches of dosage 350kg/m3	m3	3.1		
3.4	Provide and cast reinforced concrete chain beams of dosage 350kg/m3	m3	2.25		
3.5	Scaffolding/props	m2	48		
	SUB TOTAL				
4	LOT 400: FIXTURES AND FITTINGS				
4.1	Provide and fit hard wood panel doors+ frames				
4.2	D 70x210(wooden doors)	No	5		
4.3	D90X210 (wooden door)	No	4		
4.4	D90x210 (metal door)	No	3		
4.5	D180x210(metal door)	No	1		
4.6	W 180 x120	No	4		
4.7	W 300 x120	No	4		
4.8	W4 70*70	No	5		
4.9	Provide metalic/glazed hand rails	ml	12.5		
	SUB TOTAL				
7	LOT 600: PLASTERING				

7.1	Provide ,Prepare and execute 2 coats of `Plastering on both internal and external walls	m2	750		
	SUB TOTAL				
8	LOT 700:TILING				
8.1	Provide, prepare and execute 60x60cm marbled glazed tiles on verandas, Hall, corridors, sitting room and dinning	m2	100		
8.2	Provide and execute cream white tiles of 40x40cm on all bedrooms	m2	24		
8.3	Provide and execute 40x40 rough surfaced marble tiles on the store/kitchen	m2	14.2		
8.4	Provide and execute white tiles of 20x30 at a height of 210cm on all kitchen walls and sky blue for all bathrooms	m2	79.8		
8.5	Execute white/blue mosaic tiles on all bathroom floors	m2	12.2		
8.6	10cm skirting with light brown tiles of 40x40cm all over the perimeter of the exposed foundation	m2	108.5		
	SUB TOTAL				
9	LOT 800:PAINTING				
9.1	Provide/execute weak glue white-wash on internal and external wall surfaces	m2	801		
9.2	Provide colour pants on all internal and external walls	m2	801		
9.3	Provide and execute oil base paint as skirting on walls	m2	59		
9.4	Provide and vanish all window frames	No	14		
9.5	Provide and vanish all wooden doors	No	8		
	SUB TOTAL				
10	LOT 900: SANITARY FITTING AND INTERNAL PLUMBING				
	Provide and fit ceramic toilet seats including Water closets	No	5		
10.1	mirrors	No	5		
10.2	towel rails	No	5		
10.3	tissue holders	No	5		
10.4	soap holders	No	5		
10.5	wash hand basins and taps	No	5		
10.6	Kitchen sinks	No	1		
10.7	General piping and water supply	sum	1		
	SUB TOTAL				
11	LOT 1000: ELECTRICITY				
11.1	Switches	No	25		
11.2	Sockets	No	9		
11.3	cups	No	35		
11.4	Junction box	No	3		
11.5	Fuse box	No	1		

11.6	1.5mm flexible cables	No	2		
11.7	2.5mm flexible cables	No	8		
11.8	20mm conduite pipes	No	12		
11.9	ceiling bedroom bulbs	No	2		
12	Ceiling toilet bulbs	No	5		
12.1	security lamps	No	6		
12.2	Lamps in the Hall	No	9		
12.3	kitchen bulb	No	1		
12.4	living room bulbs	No	2		
12.5	telephone cables,tv cables,heaters.etc	sum	1		
SUB TOTAL					
13	LOT 1100:ROOFING				
13.1	Provide,prepare and execute hard wood roof viz; Rafters (2.5x15x400cm)	No	185		
13.2	Purlines (4x8x500cm)	No	140		
13.3	Purlines (4x8x400cm)	No	80		
13.4	Alluminium roofing sheets 5/10e	M2	366		
13.5	Toiturole	No	4		
13.6	Funnels and pipes	No	Is		
13.7	Ridge caps(4m)	No	40		
13.8	Nails 120, 100, 80, 60,30	pkt	20		
13.9	Power nails	pkt	4		
14	Brass nails	pkt	14		
14.1	Tallies (030)	ml	69		
14.2	Rivert	Pkt	1		
14.3	Gaskets (64)	pky s	70		
SUB TOTAL					
15	LOT 1200: CEILING				
15.1	Provide prepare and lay wooden ceiling joist and hangers on entire ceiling	m2	209		
15.2	Provide prepare & lay hard wooden ceiling boards on wooden members	m2	30		
15.3	Scalf on celing Hall	No	Is		
15.4	Provide and execute moulded frames all round the ceiling edges	ml	95		
SUB TOTAL					

TOTAL FOR REHABILITATION OF THE HALL

BILL OF QUANTITIES AND BUDGET ESTIMATE FOR THE RENOVATION OF RESIDENTIAL BUILDING AT NSEI FONS PALACE(5 BED ROOMS, 3 TOILETS, KITCHEN, LIVING ROOM AND DINY)

GROUND FLOOR ELEVATION

	DESCRIPTION	UNT	QTY	Amt in Figure	Amt in Words
1	LOT 100: FITINGS				

101	Door 100x210 (metal door)	No	1		
102	Door 120x210(metal door)	No	1		
103	Auminium windows 150x120	No	4		
104	Auminium windows 150 x120	No	2		
105	Auminium windows 150 x120	No	2		
106	Auminium windows 60*60	No	3		
	SUB TOTAL				
3	LOT200: TILLING				
3.1	Provide and execute cream white tiles of 40x40cm on floors	m2	50		
3.2	Provide and execute 40x40 rough surfaced marble tiles on the kitchen	m2	6.2		
3.3	Provide and execute white tiles of 20x30 at a height of 210cm on all kitchen walls and sky blue for all bathrooms	m2	12.3		
3.4	Execute white/blue mosaic tiles on all bathroom floors	m2	6.2		
3.5	10cm skirting with light brown tiles of 40x40cm all over the perimeter of the exposed foundation	m2	6		
	SUB TOTAL				
4	LOT 300: PAINTING				
301	Provide/execute weak glue white-wash on internal and external wall surfaces	m2	595		
302	Provide colour pants on all internal and external walls	m2	595		
303	Provide and execute oil base paint as skirtingon walls	m2	35		
	SUB TOTAL				
5	LOT 400: SANITARY FITTING AND INTERNAL PLUMBING				
401	Provide and fit ceramic toilet seats including Water closets	No	2		
402	mirrors	No	2		
403	towel rails	No	2		
404	tissue holders	No	2		
405	soap holders	No	2		
406	wash hand basins and taps	No	2		
407	Kitchen sinks	No	1		
408	General piping and water supply	sum	1		
	SUB TOTAL				
6	LOT 500: ELECTRICITY				
501	Switches	No	15		
502	Sockets	No	10		
503	cups	No	35		
504	Junction box	No	6		
505	Fuse box	No	1		

506	1.5mm flexible cables	No	2		
507	2.5mm flexible cables	No	7		
508	20mm conduite pipes	No	15		
509	ceiling bedroom bulbs	No	5		
510	Ceiling toilet bulbs	No	3		
511	Dining and living room Incadescent lamp	No	2		
512	Security lamps	No	2		
513	telephone cables,tv cables,heaters.etc	sum	1		
	SUB TOTAL				
	TOTAL REHABILITATION OF RESIDENTIAL BUILDING				
	TOTAL WITHOUT VALUE ADDED TAX (VAT) A + B				
	VAT(19.25% OF TOTAL WITHOUT TAX)				
	AIR (5.5%)				
	TOTAL ALL TAXES				
	NET PAYABLE				

UNIT PRICE SCHEDULE FOR AKUN PALACE IN FURU AWA					
REHABILITATION AND EXTENSION OF AKUN PALACE IN FURU AWA SUB-DIVISION, MENCHUM DIVISION, NORTH WEST REGION.					
	DESCRIPTION	Unit	Quantity	AMT IN FIGURES	AMT IN WORDS
Lot N° 100	SITE INSTALLATION AND PRELIMINARY WORKS				
101	Preparation of working documents	ls	1		
102	Site installation (Construction of Site Stores, office, site signs boards, first aid box ,Mobilization and demobilisation of equipment)	ls	1		
103	Setting out	ls	1		
	S/Total lot 100				
Lot N° 200	EARTH WORKS				
201	Excavation of foundation footings and trenches	m ³	105.3		
202	Backfilling with soil from borrowed pit and compaction	m ³	60.5		
	S/Total lot 200				
Lot N° 300	FOUNDATION				
301	Lean concrete dosed at 150kg/m3 with a thickness of 5cm	m ³	2.05		
302	Foundation walls in Foundation Blocks (20x20x40)cm	m ²	80.5		
303	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam and access ramp for disabilities	m3	5.05		
304	Mass concrete floor dosed at 300kg/m3 with a thickness of 08 cm	m3	16.5		
	S/Total lot 300				
Lot N° 400	ERECTION OF WALLS				
401	Masonry wall with blocks of 15 x 20x 40cm	m ²	442.5		
402	Reinforced concrete, dosage 350kg/m3 for lintels,columns, tie beams and beams of the veranda	m ³	7.3		
403	Sand cement screed on floors	m ²	235.5		
404	Plastering	m ²	889		
405	Tiling of palour, dining and main veranda	m ²	47.8		
	S/Total lot 400				

Lot 500	Carpentry and Roofing works				
501	Rafters of treated hard wood of 3x15 section	m3	3.25		
502	Purlins (5x8cm) for roofing and fascial board framing in hard wood mahogany ou iroko treated with xylamon	m ³	1.75		
503	Plywood Ceiling (4mm) including noggings	m ²	200.9		
504	Fascial board 3x30cm plained	ml	75		
505	External ceiling with steel sheet 5mm (tole lisse)	m ²	55.5		
506	Supply and installation of fascia sheet in aluminium	ml	75		
507	Supply and installation of roofing sheets tôle bac 6/10e including accessories	m ²	216.6		
508	Supply and installation of ridge cover in tole bac 6/10e	ml	23.6		
509	Supply and installation of Corner ridging	ml	23.3		
	S/Total lot 500				
Lot 600	METALLIC & ALUMINIUM WORKS				
601	Supply and installation of Iron door of 90x220cm complete treated with antirust including accessories	U	2		
602	Supply and installation Angle bar at the nosing of the veranda	ml	14.3		
603	Supply and installation of window protectors with square tube of 25x2mm	m2	18.85		
604	Fitting of Luvier frames and Luvers	u	10		
	S/Total lot 600				
Lot 700	WOOD WORKS				
701	Supply, treatment with xylamon and fitting of wooden frame	u	11		
702	Supply, treatment with xylamon and fitting of wooden flush doors 90x220cm including internal lock (original vachet)	u	11		
	S/Total lot 700				
Lot 800	ELECTRICITY				
801	Earthing of the building	ls	1		
802	Supply & installation of conduit (ø20) and cups including accessories	ls	2		
803	Supply & installation of Cables V.G.V of 1.5 mm2 in the ceiling for lighting	roll	2		
804	Supply & installation of Cables V.G.V of 2.5 mm2 for power and suckets	roll	2		
805	Supply & installation of florescent lamp (120cm)	u	18		
806	Supply & installation of Hublot round bulbs	u	9		

807	Supply & installation of switches	u	5		
808	Supply & installation of sockets	u	8		
809	Supply & installation of junction boxes + circuit breakers including all accessories	ls	1		
	S/Total lot 800				
Lot 900	PAINTING				
901	Preparation of surfaces to be painted and Application of first coat white water paint on wall (in & out)	m ²	889		
902	Supply and application of paint (vinyl type Pantex 800) on the ceiling	m ²	200.9		
903	Supply and application of paint (vinyl type Pantex 1300) on external wall	m ²	130.5		
904	Supply and application of paint (vinyl type Pantex 800) Internal wall	m ²	150.5		
905	Application of oil paint on metallic doors and skirting	m ²	55.6		
906	Application of vanish on wooden door	m ²	3.78		
	S/Total 900				
Lot 1000	PLUMBING AND SANITARY				
1001	Supplying and fitting sewage pipes including any other related task	ls	1		
1002	Supplying and fitting complete closets with low-down flush tank in white vitreous china	u	4		
1003	supply and fixing toilet tissue holders	u	4		
1004	supplying and fixing double-lines towel trails	u	3		
1005	supplying and fixing soap dishes	u	3		
1006	Supplying and fixing wash hand basin	u	3		
1007	complete shower	u	3		
	S/Total 1000				
Lot 1100	DRAINAGE				
1101	Concreting of gutters 40x40 the base with mass concrete dosed at 300kg/m ³ with a thickness of 10cm on mass concrete base with thickness 8cm	ml	75		
1102	construction of septic tank and soak away	ls	1		
	S/Total 1100				
Lot 1200	ENVIRONEMENTAL COST				
1201	Planting of shading trees	U	4		
1202	Installation of Sign board and labelling	ls	1		
1204	Excavation of the dumping pit (2.00x3.00x1.50 m)	m ³	1		
	S/Total 1200				
TOTAL AMOUNT WITHOUT TAXES					

TVA (19,25%)	
AIR (2.2%)	
TOTAL AMOUNT WITH TAXES	
NET AMOUNT TO BE PAID	

UNIT PRICE SCHEDULE FOR THE RENOVATION OF THE COURT ROOMS FOR THE PALACE OF BAMBUI

Nº LOT	DESCRIPTION	UNIT	QUANTITY	AMT IN WORDS	AMT IN FIGURES
100	PRELIMINARY WORKS				
101	Site investigation	Ls	1		
102	Site clearance and demolishing of existing roof	Ls	1		
103	Site installation and setting out	Ls	1		
<i>SUB - TOTAL LOT 100</i>					
200	SKELETAL STRUCTURE				
	FOUNDATION				
201	Excavation of foundation trenches and footing	M ³	18.4		
202	Backfilling	M ³	8.8		
203	Provide and cast foundation footing with reinforced concrete dosed at 350kg/m ³	M ³	3.6		
204	Provide and cast grade beam with reinforced concrete closed at 350kg/m ³	M ³	3.8		
<i>SUB - TOTAL LOT 200</i>					
300	ELEVATION GROUND FLOOR				
301	Provide build with cement mortar blocks (10x20x40cm)	M ²	22.5		
302	Provide and buildind with cement mortar blocks (12x20x40cm)	M ²	54		
303	Wall plastering (internal and external rendering)	M ²	266.85		
304	Provide and cast reinforced concrete lintel dosed at 350kg/m ³	M ³	1.365		
305	Provide and cast reinforced concrete columns dosed at 350kg/m ³	M ³	5.86		
306	Provide and cast reinforced concrete beams dosed at 350kg/m ³	M ³	9.8		
405	40X40 cm floor tiles	M ²	150		
<i>SUB - TOTAL LOT 300</i>					
400	ROOFING AND CEILING				
401	Provide prepare and execute hard wood roof, trusses, rafters, braces and posts	U	490		
402	Provide and execute wooden purlins of 5x5cm	U	634		
403	Provide and lay 12/20mm tubbac including accessories on the entire roof.	M ²	630		

404	Provide and fit lamination wood ceiling boards on the entire ceiling surface. Including hangers, hard wood joists and molded battens on all the edges.	M ²	458		
SUB - TOTAL LOT 400					
500	GENERAL FITTINGS				
	Provide and fit wooden door frames lock and hinges				
501	100X210cm	U	2		
502	80X210cm	U	3		
503	120X210cm	U	3		
	Window openings				
504	110X150cm	M ³	16		
505	75X100cm	M ²	16		
SUB - TOTAL LOT 600					
600	PAINTING WORKS				
601	Provide and apply water base paint on the internal walls	M ²	1293.8		
602	Provide and apply water base paint on the external entire walls	M ²	1293.8		
603	Provide and apply oil base paint on skirting.	M ²	125		
SUB - TOTAL LOT 800					
700	ELECTRICITY				
701	Electric Cables	ml	1800		
702	Lightening protection installation	U	1		
703	Conduits	ml	560		
704	Fuse box	U	20		
705	Sockets	U	33		
706	One way switches	U	10		
707	Two way switches	U	10		
708	Push buttons and bells	U	5		
709	Earthing	U	1		
710	Connecting box	U	35		
711	Lamps	U	150		
SUB - TOTAL LOT 1300					
800	OTHER PRELIMINARY MATERIALS AND EQUIPMENTS				
1401	Provide wood for scaffold and supports poles for decking	Ls	1		
SUB - TOTAL LOT 1400					
TOTAL WITHOUT TAXES					
VAT (19.25%)					
AIR (5/5%)					
AMOUNT TTC					

Document N°. 7
BILL OF QUANTITIES AND ESTIMATES

**BILL OF QUANTITIES FOR COMPLETION OF THE CONSTRUCTION OF MISAJE
FON PALACE, DONGA MANTUNG DIVISION, NORTH WEST REGION**

N°	DESIGNATION	UNIT	QTE	UNIT PRICE	TOTAL PRICE
	100;PRELIMINARY WORKS				
101	site Installation	ff	1		
102	Studies(execution planning,report of execution etc)	ff	1		
103	Demolision,buiding permit and enviromental impact	ff	1		
104	Backfilling and compaction with selected material	M2	225		
105	Re construction of collapsed walls,pillars and beams	ff	1		
	SUB-TOTAL 100				
	200: MASONRY FLOOR AND WALL FINISHES				
201	RC dosage 350kg/m ³ for columns, and tie beam	m3	50		
202	Cement blocks of 15x20x40 for completion of walls pluskitchen sink	no	500		
203	cement for the errection of walls plus kitchen sink	bags	20		
204	Mass concrete floor of 8 cm thick on hard core	m3	78.9		
205	Tilling of sitting rooms with glaze 60cmx60cm surfaced tiles	M2	50		
206	Tilling of rooms floors,kitchen floors and sink slaps and walls with 30cmx 30cm tiles	M2	200		
207	Plastering of walls and pillars with cement mortar dosed at 350kg/m3	M2	1000		
	SUB-TOTAL 200				
	300:JOINERY/METALS				
301	glazed sliding windows with metal protectors 1.2x1.0m	U	8		
302	glazed sliding windows with metal protectors .7x.7m	U	2		
303	wooden doors for internal rooms and locks 2.1x.9	U	8		
304	complete metatilic door and lock of 2.1x1.5m	U	1		
305	complete metatilic door and lock of 2.1x1.0m	U	1		
	SUB-TOTAL 300				
	400:ELECTRICAL INSTALLATIONS AND SINK				
401	supply, electrical installation and construction of kitchen sink in the palace building of the project	LS	1		
	SUB-TOTAL 400				
	500 ROOF WORK AND CEILING				
501	Roofing sheet (Tôles bac alu .35/10è))	U	80		
502	Rafters hard wood of 15X15 cm	U	200		
503	purlins for roof and ceiling of 5cmx 5cm	no	350		
504	ceiling in 4mm thick (red ply wood)	M ²	180		
505	ceiling at the eaves with smooth zinc(tole lisse)	M ²	45		
506	Fascia board sheet (Tole bac .35/10e of 30cm height)	ML	70		

507	Pipes, elbow, clips for roof water drainage and nails	U	1		
508	Valley gutters (4ml)	ML	70		
509	Alu ridge cap/Alu ridge piece with Alu gable edge piece	ML	50		
	SUB TOTAL 500				
	600:PAINTING				
601	Two coats of crystal white glue paint (pantex 800)on ceiling	M ²	77.43		
602	Priming coat in ordinary white paint on external and internal walls	M ²	237.3		
603	Two coats of water based paint (Pantex 800) on internal walls	M ²	250		
604	Two coats of water resistant paint (Pantex 1300) on external walls	M ²	236		
605	Oil paint on metallic doors ,window protectors, hand and skirting (30cm from floor level, internally and externally).coffee brown	M2	56		
	SUB-TOTAL 500				
	700:PLUMBING AND SANITARY FITTINGS				
701	Setic tank and soakaway pit	ls	1		
702	Supply and fittings of toilet pots toilets and shower	U	2		
703	Wash hand basin,towel hangers,tissue holeders,mirrors and shower	U	2		
704	Tilling of toilets floors and walls with 30cm x 30cm tiles	M2	50		
	SUB-TOTAL 700				
	800:EXTERNAL WORKS				
801	External verandas and external gutters 35x40cm	ML	56		
802	Concrete slab (Ramp) over the gutter at entrances (1.50x1.00 wide)	LS	2		
	SUB-TOTAL 800				
	GRAND TOTAL				
SUMMARY					
TOTAL AMOUNT WITHOUT TAX					
TVA: (19.25%)					
A.I.R:(2.2%)					
TOTAL TAXES					
TOTAL AMOUNT WITH TAXES (TTC) OF THE PROJECT					
NET PAYMENT					

**BILL OF QUANTITIES AND COST ESTIMATE FOR THE CONSTRUCTION OF
THE NSO PALACE HALL**

S/ N O	DESCRIPTIONS	UNITS	QTY	UNIT PRICE	TOTAL PRICE
1.0.	preliminary items and general site works				
1.1	general site installations and fencing shall be done with wood and zinc	ls	1		
	Sub Total of the earth preliminary items				
2.0.	Complimentary studies and preparations				
	Executions studies and various approvalas built document	LS	1		
2.2					
	SUB TOTAL				
3.0.	FOUNDATION WORKS				
3.1	Excavation of foundation trench of 60 cm depth	Lm	170		
3.2	Excavation of FOUNDation pits of 1.20x1.20x1.40 for footings	m3	70.56		
3.3	Lean concrete dose 100kg/m3 for foundation footings	m3	0.72		
3.4	Reinforced concrete footings for columns dosed at 350kg/m3	m3	31.5		
3.5	RENFORCEDconcrete dose at 350kg/m3 for beams ground floor to first floor	m3	13.6		
3.6	Foundation walls with chocked sandcrete blocks 20x40x40 cm	m2	102		
3.7	Foundation chaining beams dosed at 350kg/m³ including staircase anchor beam	m3	10.2		
	SUB TOTAL				
4	GROUND FLOOR MASONERY WORK				
4.1	15X20X40 sandcrete block walls works for ground floor walls + motar joints	m2	108.8		
4.2	Columns dosed at 350kg/m³ for building including entrance decorated pillars	M³	6.72		
4.3	Reinforced concrete lintels dosed at 200kg/m³	M³	3.26		
4.4	Reinforced concrete beams dosed at 350kg/m³	M³	12.24		
4.5	Reinforced concrete staircase dosed at 350kg/m³	M³	5.625		

4.6	mass concreting for ground floor	m2	107.9		
4.7	Decking with hollow blocks and reinforced concrete dosed at 350kg/m ³ including conduiting and scarfolding	M ²	120.5		
	SUB TOTAL				
5	FIRST FLOOR MASONRY WORK				
5.1	15cm sandcrete hollow block walls works for 1st floor walls	m2	108.8		
5.2	Columns dosed at 350kg/m ³ for building including entrance decorated pillars	M ³	6.72		
5.3	Reinforced concrete lintels dosed at 200kg/m ³	M ³	3.26		
5.4	Reinforced concrete beams dosed at 350kg/m ³	M ³	6.80		
	Sub Total concrete and masonry works for First floor				
6	PLUMBING				
63	waste; Evacuations network and treatment system				
6.4	supply and installations of PVC pipes Ø 125	M	10		
	supply and installations of PVC PIPES Ø 100	u	10		
6.5	SUPPLY and installations of PVC PIPES Ø 63	u	8		
6.6	Supply and installation of floor drains	U	3		
6.7	supply and installation of pipes plug	u	4		
6.1	SUB TOTAL OF THE PLUMBERING WORK				
6.1	ELECTRICAL WORKS				
6.1	Electrical works; cabling and Earthing	Ls	1		
	SUB TOTAL EARTHING				
7	CONDUITING and Installation of all Electrical Accessories				
7.1	supply and installation of flexible conduit pipes junctions boxes and plastic cups	LS	1		
7.2	Electric cables 2,5mm & 1,5mm	Roll	10		
7.3	supply and installation of sockets, switches, and lamp holders	ls	1		
7.4	Supply and installation of fluorescent lamps in all baths, bedrooms, kitchens and sittings.	ls	1		
7.5	Specialized accessories	u	1		
	SUB TOTAL FOR ELECTRICAL WORKS				
	ROOFING				

8.6	Hard wood for posts, braces, struts, rafters and purlines	Nº	200		
8.7	Tôle bac prelaquée aluminium roofing sheets including all accessories	Nº	55.00		
				SUB TOTAL	
10. 1				GRAND TOTAL	
				VAT 19.25%	
				AMOUNT TTC	
10. 2					

**BILL OF QUANTITIES AND COST ESTIMATES FOR THE REHABILITATION OF THE
PALACE HALL IN GUZANG BATIBO SUB DIVISION/MOMO DIVISION/NORTH WEST
REGION**

SN	DESCRIPTION OF WORK	UNIT	QUANTITY	UNIT PRICE	AMOUNT
100	PREPARATORY WORK				
101	Replacement of damaged rafters with hard wood (2x6x400) complete	FF	1.00		
102	Purlins with hard wood (2x3x400) completed	FF	1.00		
103	Nogging with hard wood, (2x2x400) complete	FF	1.00		
104	Replacement of damaged Ceiling board (4mm)	M ²	60.000		
105	Aluminium lagging sheets on surrounding of roof work	M ²	220.00		
106	Replacement of damaged Aluminium roofing sheets into tole bac $\frac{5}{10}$ e	M ²	1440.00		
107	Window shutters with glass and Aluminium frames complete	U	20.00		
108	Fascia board with tole bac $\frac{5}{10}$ e	M2	200.00		
109	Waste water gutter with U.P.C piping	LM	84.00		
	SUB TOTAL				
200	PAINTING				
201	Painting of the walls with Pantex (80) complete	M2	1,200.00		
202	Painting of the ceiling with Pantex (800) complete	M2	600.00		
203	Painting of the wooden frames, door shutters protectors' pillars and skirting with oil paint	M2	180.00		
	SUB TOTAL				
300	ELECTRICITY				
301	Wiring of the building with cable (2.5mm, 1.5mm, sockets and switches)	FF	1.00		
302	Fluorescent bulbs complete	U	30.00		
	SUB TOTAL				
400	METALIC WORK				
401	Window protectors	U	20.000		
402	Metallic door shutters	U	3.000		
	SUB TOTAL				
500	PLUMBING WORK				
501	WLC complete	U	4.00		
502	Sink	FF	1.00		
503	Showers	U	4.00		
504	Septic tank	FF	1.00		
505	Soak away pit	FF	1.00		
506	Inspection chambers	U	5.00		
507	Tiling of the bathrooms with Mosaic tiles	FF	1.00		
	SUB TOTAL				
			TOTAL		
			VAT 19.25%		
			AIR 2.2/5.5		
			AMOUNT TTC		

BILL OF QUANTITIES FOR THE REHABILITATION OF THE LAIKOM KOM PALACE IN THE FUNDONG MUNICIPALITY OF BOYO DIVISION, NORTH WEST REGION.

S/N	DESCRIPTION	UNIT	QTY	Unit Price	Total Price
LOT 100	SITE INSTALLATION				
101	Studies, site installations and mobilization	LS	1		
	<i>Sub/Total lot 100</i>				
	BLOCK 1				
Lot 200	PRELIMINARY WORKS				
201	Preparation on site, demolition of existing structures and evacuation of all rubbish on the site and making good the disturbed terrain	LS	1		
203	Setting out the position of the building on the site before commencement of any work to the satisfaction of the Control Engineer	LS	1		
	<i>Sub/Total lot 200</i>				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
301	Excavation of trenches to receive foundation walls maximum depth not exceeding 80cm	M3	25.7		
302	Backfilling Filling arising from excavated materials compacted in successive layers of 150mm	M3	14.68		
303	Lean mix blinding concrete dosed at 150kg/m3 with a thickness of 5cm	M3	1.2		
304	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam	M3	2.65		
305	Light concrete (oversite concrete) placed on the floor area of verandas, hall, dinning and corridors dosed at 250kg/m3 with a thickness of 6cm	M2	91.64		
306	Foundation walls in stone masonry with mortar dosed at 1:3	M3	18.99		
	<i>Sub/Total lot 300</i>				
Lot 400	WORK ON BUILT ELEVATIONS				
401	Walls sand screed block of 15x20x40cm dosed at 1:3 with mortar joints in sand cement mortar dosed at 300kg/m3	M2	224.3		
	<i>Sub/Total lot 400</i>				
500	SUPER STRUCTURE				
501	Reinforced concrete, dosage 350kg/m3 for lintels, columns, and Beams	M3	2.66		

502	Supply and placing of pre-fabricated pillars filled with reinforced concrete dosed at 300kg/m ³ and maximum of height 2.5m	U	4		
503	Supply and placing of pre-fabricated arches filled with reinforced concrete dosed at 300kg/m ³ with maximum span of 3.5m	U	4		
	Sub/Total lot 500				
LOT 600	ROOF				
601	Wooden Rafters	m3	1.85		
602	Purlins 5cm x 8cm fixed to rafter to receive roofing sheets	M3	0.65		
603	Noggins (5x8) cm	m3	0.97		
604	Ceiling boards of 4cm thick plywood	M2	91.64		
605	Corrugated Aluminium roofing sheets of 3m long	M2	213.5		
606	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	14.6		
607	Angle sheets	ML	3.6		
608	Aluminum ridge cap 50cm large	ML	26.6		
609	Ceiling of the eaves with tole lise	M2	32.9		
610	Gutters	ML	34.6		
	SUB TOTAL 600				
LOT 700	METALIC WORKS				
701	Supply and fitting of Complete double metallic door of 1.00m x 2.10 including the locks and accessories	NO	2		
703	windows protectors treated with antirust	m2	5.42		
704	Metallic gate for the verandas	M2	6.4		
	Sub/Total lot 600				
LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	2		
802	Supply and fitting of complete wooden flush doors of 80 X 210cm including frames, lucks and and other ironmongery	No	2		
803	Supply and fitting of complete wooden flush doors of 70 X 210cm including frames, lucks and other ironmongery	No	2		
804	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	5.42		
	Sub/Total lot 600				
LOT 900	ELECTRICITY				
901	Earthing of the building	LS	1		

902	Piping and fitting cups including Flexible orange tubes	LS	1		
903	Cabling V.G.V of 1,5mm2	LS	1		
904	Cabling TH of 2,5mm2	LS	1		
905	Complete bulbs 18watts	NO	10		
906	complete 500watts security Bulbs	NO	2		
907	Switches	NO	10		
908	Sockets embedded in the walls	NO	12		
909	General connection, master switches, junction boxes, circuit breakers, Clips, connectors, individual consumer units and all task necessary for a secure connections on the entire block	LS	1		
Sub/Total lot 600					
LOT 1000	PLUMBING				
1001	Water supply network including all piping, fittings and all other accessories necessary for a proper connection	LS	1		
1002	Waste evacuation net work done on acceptable norms including all pipes, fittings and all other accessories for proper waste evacuation	LS	1		
1003	Supply and fixing of toilet pots	UNIT	2		
1005	supply and fixing of shower stand with a drainage hole	UNIT	2		
1006	Supply and fixing of wash hand bassins	UNIT	2		
1007	Supply and fixing of urinary	Unit	0		
1008	Supply and fixing of towel hangers	Unit	2		
1009	Supply and fixing of toilet paper holder	Unit	2		
1010	Supply and fixing of soap holder	Unit	2		
1011	Supply and fixing wall mirrors	UNIT	2		
	Construction of kitchen sinks	UNIT	0		
1012	Inspection chambers	UNIT	2		
1015	Construction of septic tank, and soak away pit including all suggestions	UNIT	1		
Sub/Total lot 600					
LOT 1100	FINISHES: PLASTERING, TILING AND CEILING WORKS				
1101	25mm Plastering of internal and external walls with sand / cement mortar (1:3) laid in two coats and troweled smooth finish	M2	224.3		
1102	30mm screed on floors with sand / cement mortar (1:3) laid in one coat and float finish	M2	224.3		
1103	60x60cm x5mm thick ceramic floor tiles for the sitting and verandas	M2	42.76		
1104	40x40cm x5mm thick ceramic floor tiles fixed to sand/cement backing on rooms	M3	26.8		
1105	Mosaic tile for all water closet floors	M2	4.5		

1106	20x30x5mm thick ceramic wall tiles fixed to sand/cement backing on all water closets	M2	18.84		
	<i>Sub/Total lot 700</i>				
Lot 1100	PAINTING				
1201	Painting of Ceiling in 2 coats with pantex 800	M2	91.64		
1202	Painting of internal walls in 2 coats with pantex 800	M2	157.01		
1203	Painting of external walls in 2 coats with pantex 1300	M2	67.29		
1204	Painting of Wooden and metallic members with 2 coats of oil paint	M2	10.2		
	<i>Sub/Total lot 700</i>				
Lot 1300	ENVIRONMENTAL NITIGATION MEASURES				
1301	Construction and concreting of the veranda round the building	ML	32.9		
	<i>Sub/Total lot 900</i>				
	GRAND TOTAL FOR BLOCK 1				
	BLOCK 2				
Lot 200	PRELIMINARY WORKS				
201	Preparation on site, scrapping of walls and dismanteling of all prescribed objects	LS	1		
	<i>Sub/Total lot 200</i>				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
310	Light concrete (oversite concrete) placed on the floor area of verandas, hall, dinning and corridors dosed at 250kg/m3 with a thickness of 6cm	M2	42.3		
	<i>Sub/Total lot 300</i>				
LOT 600	ROOF				
601	Noggins (5x8) cm	m3	0.36		
602	Ceiling boards of 4cmm thick plywood	M2	42.3		
603	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	10.2		
604	Ceiling of the eaves with tole lise	M2	23.4		
605	Gutters	ML	26.6		
	SUB TOTAL 600				
LOT 700	METALIC WORKS				
701	Supply and fitting of Complete double metallic door of 1.00m x 2.10 including the engine and lucks	NO	2		
702	windows protectors treated with antirust	m2	1.44		
	<i>Sub/Total lot 600</i>				

LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
802	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	1.44		
	Sub/Total lot 600				
LOT 900	ELECTRICITY				
901	Earthing of the building	LS	1		
902	Piping and fitting cups including Flexible orange tubes	LS	1		
903	Cabling V.G.V of 1,5mm2	LS	1		
904	Cabling TH of 2,5mm2	LS	1		
905	Complete bulbs 18watts	NO	4		
906	complete 500watts security Bulbs	NO	0		
907	Switches	NO	4		
908	Sockets embedded in the walls	NO	4		
909	General connection, master switches, junction boxes, circuit breakers, Clips, connectors, individual consumer units and all task necessary for a secure connections on the entire block	LS	1		
	Sub/Total lot 600				
LOT 1100	FINISHES: PLASTERING, TILING AND CEILING WORKS				
1101	25mm Plastering of internal and external walls with sand / cement mortar (1:3) laid in two coats and troweled smooth finish	M2	188.64		
1102	60x60cm x5mm thick ceramic floor tiles	M2	32.25		
	Sub/Total lot 700				
Lot 1200	PAINTING				
1201	Painting of Ceiling in 2 coats with pantex 800	M2	42.3		
1202	Painting of internal walls in 2 coats with pantex 800	M2	132.05		
1203	Painting of external walls in 2 coats with pantex 1300	M2	56.592		
1204	Painting of Wooden and metallic members with 2 coats of oil paint	M2	10.2		
	Sub/Total lot 700				
	GRAND TOTAL FOR BLOCK 2				
	BLOCK 3				
Lot 200	PRELIMINARY WORKS				

201	Preparation on site, demolition of existing foundation and evacuation of all rubbish on the site and making good the disturbed terrain	LS	1		
203	Setting out the position of the building on the site before commencement of any work to the satisfaction of the Control Engineer	LS	1		
	<i>Sub/Total lot 200</i>				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
301	Excavation of trenches to receive foundation walls maximum depth not exceeding 80cm	M3	10.46		
306	Backfilling Filling arising from excavated materials compacted in successive layers of 150mm	M3	4.6		
307	Lean mix blinding concrete dosed at 150kg/m3 with a thickness of 5cm	M3	0.45		
308	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam	M3	2.65		
310	Light concrete (oversite concrete) placed on the floor area of verandas, hall, dinning and corridors dosed at 250kg/m3 with a thickness of 6cm	M2	33.4		
311	foundation walls in stone masonry with mortar dosed at 1:3	M3	9.16		
	<i>Sub/Total lot 300</i>				
Lot 400	WORK ON BUILT ELEVATIONS				
401	Walls sand screed blocks 15x20x40cm dosed at 1:3 with mortar joints in sand cement mortar dosed at 300kg/m3	M2	99.1		
	<i>Sub/Total lot 400</i>				
500	SUPER STRUCTURE				
501	Reinforced concrete, dosage 350kg/m3 for lintels, columns and Beams	M3	1.04		
502	Supply and placing of pre-fabricated pillars filled with reinforced concrete dosed at 300kg/m3 and of height 2.7m	U	2		
503	Supply and placing of pre-fabricated arches filled with reinforced concrete dosed at 300kg/m4 with at a span of 4m between the two buildings	U	1		
	<i>Sub/Total lot 500</i>				
LOT 600	ROOF				
601	Wooden Rafters	m3	0.7		
602	Purlins 5cm x 8cm fixed to rafter to receive roofing sheets	M3	0.6		
603	Noggins (5x8) cm	m3	0.2		
604	Ceiling boards of 4cm thick plywood	M2	12.925		
605	Corrugated Aluminium roofing sheets of 3m long	M2	89.25		

606	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	8.6		
607	Angle sheets	MI	0		
608	Aluminum ridge cap 50cm large	ML	16.4		
609	Ceiling of the eaves with tole lise	M2	0		
610	Construction of two bands (lower and upper Bands) including supports and all suggestion	LS	1		
	SUB TOTAL 600				
LOT 700	METALIC WORKS				
703	windows protectors treated with antirust	m2	1.44		
704	Fabrication and blacing of a bouble gate of 4x3m at the entrance to the fon's private chambers	M2	1		
	<i>Sub/Total lot 600</i>				
LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
802	Supply and fitting of complete wooden flush doors of 80 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
804	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	1.44		
	<i>Sub/Total lot 600</i>				
LOT 900	ELECTRICITY				
901	Earthing of the building	LS	1		
902	Piping and fitting cups including Flexible orange tubes	LS	1		
903	Cabling V.G.V of 1,5mm2	LS	1		
904	Cabling TH of 2,5mm2	LS	1		
905	Complete bulbs 18watts	NO	3		
906	complete 500wats security Bulbs	NO	0		
907	Switches	NO	3		
908	Sockets embedded in the walls	NO	2		
909	General connection, master switches, junction boxes, circuit breakers, Clips, connectors, individual consumer units and all task necessary for a secure connections on the entire block	LS	1		
	<i>Sub/Total lot 600</i>				
LOT 1100	FINISHES: PLASTERING, TILING AND CEILING WORKS				

1101	25mm Plastering of internal and external walls with sand / cement mortar (1:3) laid in two coats and troweled smooth finish	M2	198.2		
1102	30mm screed on floors with sand / cement mortar (1:3) laid in one coat and float finish	M2	33.4		
	<i>Sub/Total lot 700</i>				
	GRAND TOTAL FOR BLOCK 3				
	BLOCK 4				
Lot 200	PRELIMINARY WORKS				
201	Preparation on site, dismantling of roof, demolition of existing building and evacuation of all rubbish on the site and making good the disturbed terrain	LS	1		
203	Setting out the position of the building on the site before commencement of any work to the satisfaction of the Control Engineer	LS	1		
	<i>Sub/Total lot 200</i>				
Lot 300	FOUNDATION WORKS / SUB STRUCTURE CONCRETE WORKS				
301	Excavation of trenches to receive foundation walls maximum depth not exceeding 80cm	M3	10.86		
306	Backfilling Filling arising from excavated materials compacted in successive layers of 150mm	M3	2.6		
308	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam	M3	2.25		
311	foundation walls in stone masonry with mortar dosed at 1:3	M3	8.24		
	<i>Sub/Total lot 300</i>				
Lot 400	WORK ON BUILT ELEVATIONS				
401	Walls sundry blocks with mortar joints in sand cement mortar dosed at 300kg/m3	M2	99.1		
501	Reinforced concrete, dosage 350kg/m3 for lintels, columns, and Beams	M3	1.04		
	<i>Sub/Total lot 400</i>				
LOT 600	ROOF				
601	Wooden Rafters	m3	0.7		
602	Purlins 5cm x 8cm fixed to rafter to receive roofing sheets	M3	0.6		
605	Corrugated Aluminium roofing sheets of 3m long	M2	124		
606	Facial board (tolebac 5/ 10mm of 30cm height) including lining	M2	8.6		
607	Angle sheets	ML	0		
608	Aluminum ridge cap 50cm large	ML	16.4		

610	Construction of two bands (lower and upper Bands) including supports and all suggestion	LS	1		
	SUB TOTAL 600				
LOT 700	METALIC WORKS				
701	windows protectors treated with antirust	m2	1.44		
	<i>Sub/Total lot 600</i>				
LOT 800	WOOD WORKS/ GLAZING				
801	Supply and fitting of complete wooden flush doors of 90 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
802	Supply and fitting of complete wooden flush doors of 80 X 210cm including frames, lucks and an attached vent window on the top with net and other ironmongery	No	1		
804	Aluminum windows including 5mm thick glass and all other assembly accessories	m2	1.44		
	<i>Sub/Total lot 600</i>				
LOT 900	ELECTRICITY				
901	Piping and fitting cups including Flexible orange tubes	LS	1		
	<i>Sub/Total lot 600</i>				
	GRAND TOTAL FOR BLOCK 4				
	SUMMARY				
1	BLOCK 1				
2	BLOCK 2				
3	BLOCK 3				
4	BLOCK 4				
	GENERAL TOTAL HT				
	TVA (19, 25%)				
	TOTAL AMOUNT with TAXES				
	AIR 5.5%				
	NET PAYABLE				

BILL OF QUANTITIES FOR THE REHABILITATION OF THE BAMESSING PALACE

BILL OF QUANTITIES FOR THE CONSTRUCTION OF HALL INCLUDING STUDIOS, TOILETS AND KITCHEN

	DESCRIPTION	UNT	QTY	Unit Price	Total Price
1	lot 100:SITE PREPARATION				
1.1	Installation of the site	ls	1		
	SUB TOTAL TOTAL				
2	LOT 200:FOUNDATION				
2.1	Prepare and Excavate column footings	no	19		
2.2	Prepare and Excavate foundation trenches	ml	95.41		
2.3	Prepare and lay a 5cm thick layer of hardcore/blinding concrete under all footings	m3	0.28		
2.4	Execute reinforced concrete footings of dosage of 350kg/m3	m3	2.59		
2.5	Provide prepare and execute foundation walls with blocks of 20x20x40cm	m2	95		
2.6	Execute reinforced concrete grid ground beams/columns of dosage of 350kg/m3	m3	4.5		
2.7	Provide for earth and backfill foundation	trips	1		
	SUB TOTAL				
	LOT 300: ELEVATION				
3.1	Execute walls of 15x20x40cm blocks	m2	400		
3.2	Execute columns of dosage 350kg/m3	m3	4.2		
3.3	Provide and cast reinforced concret, lintles and arches of dosage 350kg/m3	m3	3.1		
3.4	Provide and cast reinforced concrete chain beams of dosage 350kg/m3	m3	2.25		
3.5	Scaffolding/props	m2	48		
	SUB TOTAL				
4	LOT 400: FIXTURES AND FITTINGS				
4.1	Provide and fit hard wood panel doors+ frames				
4.2	D 70x210(wooden doors)	No	5		
4.3	D90X210 (wooden door)	No	4		
4.4	D90x210 (metal door)	No	3		
4.5	D180x210(metal door)	No	1		
4.6	W 180 x120	No	4		
4.7	W 300 x120	No	4		
4.8	W4 70*70	No	5		
4.9	Provide metalic/glazed hand rails	ml	12.5		
	SUB TOTAL				
7	LOT 600: PLASTERING				
7.1	Provide ,Prepare and execute 2 coats of `Plastering on both internal and external walls	m2	750		

	SUB TOTAL				
8	LOT 700:TILING				
8.1	Provide, prepare and execute 60x60cm marbled glazed tiles on verandas, Hall, corridors, sitting room and dinning	m2	100		
8.2	Provide and execute cream white tiles of 40x40cm on all bedrooms	m2	24		
8.3	Provide and execute 40x40 rough surfaced marble tiles on the store/kitchen	m2	14.2		
8.4	Provide and execute white tiles of 20x30 at a height of 210cm on all kitchen walls and sky blue for all bathrooms	m2	79.8		
8.5	Execute white/blue mosaic tiles on all bathroom floors	m2	12.2		
8.6	10cm skirting with light brown tiles of 40x40cm all over the perimeter of the exposed foundation	m2	108.5		
	SUB TOTAL				
9	LOT 800:PAINTING				
9.1	Provide/execute weak glue white-wash on internal and external wall surfaces	m2	801		
9.2	Provide colour pants on all internal and external walls	m2	801		
9.3	Provide and execute oil base paint as skirting on walls	m2	59		
9.4	Provide and vanish all window frames	No	14		
9.5	Provide and vanish all wooden doors	No	8		
	SUB TOTAL				
10	LOT 900: SANITARY FITTING AND INTERNAL PLUMBING				
	Provide and fit ceramic toilet seats including Water closets	No	5		
10.1	mirrors	No	5		
10.2	towel rails	No	5		
10.3	tissue holders	No	5		
10.4	soap holders	No	5		
10.5	wash hand basins and taps	No	5		
10.6	Kitchen sinks	No	1		
10.7	General piping and water supply	sum	1		
	SUB TOTAL				
11	LOT 1000: ELECTRICITY				
11.1	Switches	No	25		
11.2	Sockets	No	9		

11.	3	cups	No	35		
11.	4	Junction box	No	3		
11.	5	Fuse box	No	1		
11.	6	1.5mm flexible cables	No	2		
11.	7	2.5mm flexible cables	No	8		
11.	8	20mm conduite pipes	No	12		
11.	9	ceiling bedroom bulbs	No	2		
12		Ceiling toilet bulbs	No	5		
12.	1	security lamps	No	6		
12.	2	Lamps in the Hall	No	9		
12.	3	kitchen bulb	No	1		
12.	4	living room bulbs	No	2		
12.	5	telephone cables,tv cables,heaters.etc	sum	1		
		SUB TOTAL				
13		LOT 1100:ROOFING				
13.	1	Provide,prepare and execute hard wood roof viz; Rafters (2.5x15x400cm)	No	185		
13.	2	Purlines (4x8x500cm)	No	140		
13.	3	Purlines (4x8x400cm)	No	80		
13.	4	Alluminium roofing sheets 5/10e	M2	366		
13.	5	Toiturole	No	4		
13.	6	Funnels and pipes	No	ls		
13.	7	Ridge caps(4m)	No	40		
13.	8	Nails 120, 100, 80, 60,30	pkt	20		
13.	9	Power nails	pkt	4		
14		Brass nails	pkt	14		
14.	1	Tallies (030)	ml	69		
14.	2	Rivert	Pkt	1		
14.	3	Gaskets (64)	pky s	70		

		SUB TOTAL				
15		LOT 1200: CEILING				
15.1	Provide prepare and lay wooden ceiling joist and hangers on entire ceiling	m2	209			
15.2	Provide prepare & lay hard wooden ceiling boards on wooden members	m2	30			
15.3	Scalf on celing Hall	No	Is			
15.4	Provide and execute moulded frames all round the ceiling edges	ml	95			
		SUB TOTAL				

TOTAL FOR REHABILITATION OF THE HALL

BILL OF QUANTITIES AND BUDGET ESTIMATE FOR THE RENOVATION OF RESIDENTIAL BUILDING AT NSEI FONS PALACE(5 BED ROOMS, 3 TOILETS, KITCHEN, LIVING ROOM AND DINY)

GROUND FLOOR ELEVATION

	DESCRIPTION	UNT	QTY	Unit Price	Total Price
1	LOT 100: FITINGS				
101	Door 100x210 (metal door)	No	1		
102	Door 120x210(metal door)	No	1		
103	Auminium windows 150x120	No	4		
104	Auminium windows 150 x120	No	2		
105	Auminium windows 150 x120	No	2		
106	Auminium windows 60*60	No	3		
	SUB TOTAL				
3	LOT200: TILLING				
3.1	Provide and execute cream white tiles of 40x40cm on floors	m2	50		
3.2	Provide and execute 40x40 rough surfaced marble tiles on the kitchen	m2	6.2		
3.3	Provide and execute white tiles of 20x30 at a height of 210cm on all kitchen walls and sky blue for all bathrooms	m2	12.3		
3.4	Execute white/blue mosaic tiles on all bathroom floors	m2	6.2		
3.5	10cm skirting with light brown tiles of 40x40cm all over the perimeter of the exposed foundation	m2	6		
	SUB TOTAL				
4	LOT 300: PAINTING				
301	Provide/execute weak glue white-wash on internal and external wall surfaces	m2	595		
302	Provide colour pants on all internal and external walls	m2	595		
303	Provide and execute oil base paint as skirtingon walls	m2	35		
	SUB TOTAL				

5	LOT 400: SANITARY FITTING AND INTERNAL PLUMBING				
401	Provide and fit ceramic toilet seats including Water closets	No	2		
402	mirrors	No	2		
403	towel rails	No	2		
404	tissue holders	No	2		
405	soap holders	No	2		
406	wash hand basins and taps	No	2		
407	Kitchen sinks	No	1		
408	General piping and water supply	sum	1		
	SUB TOTAL				
6	LOT 500: ELECTRICITY				
501	Switches	No	15		
502	Sockets	No	10		
503	cups	No	35		
504	Junction box	No	6		
505	Fuse box	No	1		
506	1.5mm flexible cables	No	2		
507	2.5mm flexible cables	No	7		
508	20mm conduite pipes	No	15		
509	ceiling bedroom bulbs	No	5		
510	Ceiling toilet bulbs	No	3		
511	Dining and living room Incadescent lamp	No	2		
512	Security lamps	No	2		
513	telephone cables,tv cables,heaters.etc	sum	1		
	SUB TOTAL				
	TOTAL REHABILITATION OF RESIDENTIAL BUILDING				
	TOTAL WITHOUT VALUE ADDED TAX (VAT) A + B				
	VAT(19.25% OF TOTAL WITHOUT TAX)				
	AIR (5.5%)				
	TOTAL ALL TAXES				
	NET PAYABLE				

BILL OF QUANTITIES FOR AKUN PALACE IN FURU AWA

REHABILITATION AND EXTENSION OF AKUN PALACE IN FURU AWA SUB-DIVISION, MENCHUM DIVISION, NORTH WEST REGION.

	DESCRIPTION	Unit	Quantity	Unit Price	Total Price
Lot 100	SITE INSTALLATION AND PRELIMINARY WORKS				
101	Preparation of working documents	ls	1		
102	Site installation (Construction of Site Stores, office, site signs boards, first aid box ,Mobilization and demobilisation of equipment)	ls	1		
103	Setting out	ls	1		
	S/Total lot 100				
Lot 200	EARTH WORKS				
201	Excavation of foundation footings and trenches	m ³	105.3		
202	Backfilling with soil from borrowed pit and compaction	m ³	60.5		
	S/Total lot 200				
Lot 300	FOUNDATION				
301	Lean concrete dosed at 150kg/m3 with a thickness of 5cm	m ³	2.05		
302	Foundation walls in Foundation Blocks (20x20x40)cm	m ²	80.5		
303	Reinforced concrete dosed at 350kg/m3 for footings, dwarf columns, ground beam and access ramp for disabilities	m3	5.05		
304	Mass concrete floor dosed at 300kg/m3 with a thickness of 08 cm	m3	16.5		
	S/Total lot 300				
Lot 400	ERECTION OF WALLS				
401	Masonry wall with blocks of 15 x 20x 40cm	m ²	442.5		
402	Reinforced concrete, dosage 350kg/m3 for lintels,columns, tie beams and beams of the veranda	m ³	7.3		
403	Sand cement screed on floors	m ²	235.5		
404	Plastering	m ²	889		
405	Tiling of palour, dining and main veranda	m ²	47.8		
	S/Total lot 400				
Lot 500	Carpentry and Roofing works				
501	Rafters of treated hard wood of 3x15 section	m3	3.25		
502	Purlins (5x8cm) for roofing and fascial board framing in hard wood mahogany ou iroko treated with xylamon	m ³	1.75		

503	Plywood Ceiling (4mm) including noggings	m ²	200.9		
504	Fascial board 3x30cm plained	ml	75		
505	External ceiling with steel sheet 5mm (tole lisse)	m ²	55.5		
506	Supply and installation of fascia sheet in aluminium	ml	75		
507	Supply and installation of roofing sheets tôle bac 6/10e including accessories	m ²	216.6		
508	Supply and installation of ridge cover in tole bac 6/10e	ml	23.6		
509	Supply and installation of Corner ridging	ml	23.3		
S/Total lot 500					
Lot 600	METALLIC & ALUMINIUM WORKS				
601	Supply and installation of Iron door of 90x220cm complete treated with antirust including accessories	U	2		
602	Supply and installation Angle bar at the nosing of the veranda	ml	14.3		
603	Supply and installation of window protectors with square tube of 25x2mm	m2	18.85		
604	Fitting of Luvver frames and Luvers	u	10		
S/Total lot 600					
Lot 700	WOOD WORKS				
701	Supply, treatment with xylamon and fitting of wooden frame	u	11		
702	Supply, treatment with xylamon and fitting of wooden flush doors 90x220cm including internal lock (original vachet)	u	11		
S/Total lot 700					
Lot 800	ELECTRICITY				
801	Earthing of the building	ls	1		
802	Supply & installation of conduit (ø20) and cups including accessories	ls	2		
803	Supply & installation of Cables V.G.V of 1.5 mm ² in the ceiling for lighting	roll	2		
804	Supply & installation of Cables V.G.V of 2.5 mm ² for power and suckets	roll	2		
805	Supply & installation of florescent lamp (120cm)	u	18		
806	Supply & installation of Hublot round bulbs	u	9		
807	Supply & installation of switches	u	5		
808	Supply & installation of sockets	u	8		
809	Supply & installation of junction boxes + circuit breakers including all accessories	ls	1		
S/Total lot 800					
Lot 900	PAINTING				
901	Preparation of surfaces to be painted and Application of first coat white water paint on wall (in & out)	m ²	889		
902	Supply and application of paint (vinyl type Pantex 800) on the ceiling	m ²	200.9		

903	Supply and application of paint (vinyl type Pantex 1300) on external wall	m ²	130.5		
904	Supply and application of paint (vinyl type Pantex 800) Internal wall	m ²	150.5		
905	Application of oil paint on metallic doors and skirting	m ²	55.6		
906	Application of vanish on wooden door	m ²	3.78		
	S/Total 900				
Lot 1000	PLUMBING AND SANITARY				
1001	Supplying and fitting sewage pipes including any other related task	ls	1		
1002	Supplying and fitting complete closets with low-down flush tank in white vitreous china	u	4		
1003	supply and fixing toilet tissue holders	u	4		
1004	supplying and fixing double-lines towel trails	u	3		
1005	supplying and fixing soap dishes	u	3		
1006	Supplying and fixing wash hand basin	u	3		
1007	complete shower	u	3		
	S/Total 1000				
Lot 1100	DRAINAGE				
1101	Concreting of gutters 40x40 the base with mass concrete dosed at 300kg/m3 with a thickness of 10cm on mass concrete base with thickness 8cm	ml	75		
1102	construction of septic tank and soak away	ls	1		
	S/Total 1100				
Lot 1200	ENVIRONEMENTAL COST				
1201	Planting of shading trees	U	4		
1202	Installation of Sign board and labelling	ls	1		
1204	Excavation of the dumping pit (2.00x3.00x1.50 m)	m3	1		
	S/Total 1200				
TOTAL AMOUNT WITHOUT TAXES					
TVA (19,25%)					
AIR (2.2%)					
TOTAL AMOUNT WITH TAXES					
NET AMOUNT TO BE PAID					

BILLS OF QUANTITIES AND COST ESTIMATES FOR THE RENOVATION OF THE COURT ROOMS FOR THE PALACE OF BAMBUI

Nº LOT	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
100	PRELIMINARY WORKS				
101	Site investigation	Ls	1		
102	Site clearance and demolishing of existing roof	Ls	1		
103	Site installation and setting out	Ls	1		
	SUB - TOTAL LOT 100				
200	SKELETAL STRUCTURE				
	FOUNDATION				
201	Excavation of foundation trenches and footing	M ³	18.4		
202	Backfilling	M ³	8.8		
203	Provide and cast foundation footing with reinforced concrete dosed at 350kg/m ³	M ³	3.6		
204	Provide and cast grade beam with reinforced concrete closed at 350kg/m ³	M ³	3.8		
	SUB - TOTAL LOT 200				
300	ELEVATION GROUND FLOOR				
301	Provide build with cement mortar blocks (10x20x40cm)	M ²	22.5		
302	Provide and building with cement mortar blocks (12x20x40cm)	M ²	54		
303	Wall plastering (internal and external rendering)	M ²	266.85		
304	Provide and cast reinforced concrete lintel dosed at 350kg/m ³	M ³	1.365		
305	Provide and cast reinforced concrete columns dosed at 350kg/m ³	M ³	5.86		
306	Provide and cast reinforced concrete beams dosed at 350kg/m ³	M ³	9.8		
405	40X40 cm floor tiles	M ²	150		
	SUB - TOTAL LOT 300				
400	ROOFING AND CEILING				
401	Provide prepare and execute hard wood roof, trusses, rafters, braces and posts	U	490		
402	Provide and execute wooden purlins of 5x5cm	U	634		
403	Provide and lay 12/20mm tubbac including accessories on the entire roof.	M ²	630		

404	Provide and fit lamination wood ceiling boards on the entire ceiling surface. Including hangers, hard wood joists and molded battens on all the edges.	M ²	458		
SUB - TOTAL LOT 400					
500	GENERAL FITTINGS				
	Provide and fit wooden door frames lock and hinges				
501	100X210cm	U	2		
502	80X210cm	U	3		
503	120X210cm	U	3		
	Window openings				
504	110X150cm	M ³	16		
505	75X100cm	M ²	16		
SUB - TOTAL LOT 600					
600	PAINTING WORKS				
601	Provide and apply water base paint on the internal walls	M ²	1293.8		
602	Provide and apply water base paint on the external entire walls	M ²	1293.8		
603	Provide and apply oil base paint on skirting.	M ²	125		
SUB - TOTAL LOT 800					
700	ELECTRICITY				
701	Electric Cables	ml	1800		
702	Lightening protection installation	U	1		
703	Conduits	ml	560		
704	Fuse box	U	20		
705	Sockets	U	33		
706	One way switches	U	10		
707	Two way switches	U	10		
708	Push buttons and bells	U	5		
709	Earthing	U	1		
710	Connecting box	U	35		
711	Lamps	U	150		
SUB - TOTAL LOT 1300					
800	OTHER PRELIMINARY MATERIALS AND EQUIPMENTS				
1401	Provide wood for scaffold and supports poles for decking	Ls	1		
SUB - TOTAL LOT 1400					
TOTAL WITHOUT TAXES					
VAT (19.25%)					
AIR (5/5%)					
AMOUNT TTC					

Document N° 8
SUB-DETAIL OF PRICES

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
WORKMAN SHIP	Category	No	Daily wage	Days break up	Amount
	TOTAL A				
EQUIPMENT/MECHIN ES	Type	No	Daily rate	Days break up	Amount
	TOTAL B				
MATERIAL MISCELLANEOUS	Type	Unit	Unit cost	Quantity	Amount
	TOTAL C				
D	DIRECT TOTAL COST			A+B+C	
E	GENERAL SITE EXPENSESES			Dx%	
F	GENERAL OFFICE EXPENSES			Dx%	
G	NET COST			D+E+F	
H	RISK + BENEFITS			Gx%	
P	TOTAL COST (HT)			G+H	
V	UNIT COST (HT)			P/Q'TY	

Document N°. 9
MODEL CONTRACT

REPUBLIC OF CAMEROON
Peace-Work-Fatherland
.....
NORTH-WEST REGIONAL ASSEMBLY
.....
REGIONAL EXECUTIVE ASSEMBLY
.....
PEACE-JUSTICE-UNITY-HARD WORK- SOLIDARITY
.....



REPUBLIQUE DU CAMEROUN
Paix-Travail-Patrie
.....
ASSEMBLEE REGIONALE DU NORD-OUEST
.....
CONSEIL EXECUTIF REGIONAL
.....
PAIX-JUSTICE-UNITE-TRAVAIL-SOLIDARITE
.....

CONTRACT N° _____ C//MINDEVEL/NWRA/NWRAITB/2024 OF2024

AWARDED AFTER OPEN NATIONAL INVITATION TO TENDER
N° ____/ONIT/NWRA/NWRAITB/2024 OF ____/____/2024 FOR THE REHABILITATION AND
EXTENSION OF SOME FONS' PALACES IN THE NORTH WEST REGION DIVIDED INTO 7
LOTS

Project Owner: THE PRESIDENT OF THE NORTH WEST REGIONAL ASSEMBLY

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 The President of the North West Regional Assembly 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

