

Federal Republic of Nigeria

**Nigerian Communications
Commission (NCC)**

International Competitive Bidding

For

***Supply and Installation of Emergency
Communication Infrastructure***

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Invitation for Bids (IFB)

*Nigerian Communications Commission (NCC)
Emergency Communication Unit*

Supply and Installation of Emergency Communication Infrastructure

IFB Number: NCC/ECU/001-2007

1. In line with provisions of section 107 (3) (b) of the Nigerian Communications Act 2003, the Nigerian Communications Commission (NCC), which is the National Telecommunications Regulatory Authority, is mandated to facilitate the deployment of a comprehensive, seamless, ubiquitous and reliable end-to-end emergency communication infrastructure for Nigeria.
2. The purpose of the Emergency Communication Centres (ECC) is to receive all emergency calls ('199' calls) being made by subscribers on all national telecommunication networks. The call is to be received by a human operator (Call Agent) in the centre who will then alert the appropriate Response Agency (Fire Service, Police, Ambulance, etc) via the same public telephone system or a communication network dedicated for emergency services.
3. The Nigerian communications Commission (NCC) as the implementing agency for the project now invites sealed bids from eligible Bidders for supply and installation of Emergency Communication Infrastructure. In furtherance of this mandate, the Commission plans to undertake the purchase and installation of modern and robust emergency communications equipment for the implementation of the project. The project involves establishment of the National Emergency Communication Centre (NECC) which is the main hub of the national emergency communication network. This will host relevant databases of all other centres in the Country and establishment of State Emergency Communication Centre (SECC) in thirty-six (36) State Capitals of the Federation and Abuja ; Federal Capital Territory (FCT). Each of the centres at this level will have databases of information relevant to their areas of jurisdiction only.
4. Bidding will be conducted using the International Competitive Bidding (ICB) procedures and is open to Bidders that meet the following minimum qualification criteria: **The Bidder should be lawfully engaged in relevant communication infrastructure activities for at least 4 years, while during the last 7 years, he should have designed and supported similar systems to at least 2 customers.**
5. Interested eligible bidders may obtain further information and inspect the bidding documents from the Nigerian Communications Commission (NCC) at the address below during office hours *0900 to 1700 hours*. The bidding Document can also be inspected in the NCC website(www.ncc.gov.ng). A complete set of bidding documents in English Language may be purchased by interested bidders on

submission of a written application to the address below and upon payment of a non-refundable fee of US\$2,000.00.

The method of payment will be Direct Deposit in

Citibank New York, 111, Wall Street, New York, N.Y. 10043

Swift Code: CITI US33

ABA ID: 021-000-089

For Credit To: Access Bank PLC

Account No: 36145842

For Final Credit: Nigerian Communications Commission

Account No: 0091010001786

for overseas suppliers; and Bank Draft of ₦240, 000.00 for suppliers within Nigeria. The document will be sent by Courier to prospective bidders who have furnished evidence of payment.

6. Bids must be delivered to the address below at or before 3:00pm on **January 28, 2008**. All bids must be accompanied by a bid security of USD20, 000.00 (*Twenty thousand US Dollars*) or an equivalent amount in a freely convertible currency. Late bids will be rejected. The Technical bid will be evaluated and only those proposals that meet minimum technical evaluation criteria will have their Financial Proposals opened thereafter.
7. The attention of prospective Bidders is drawn to;
 - (i) the fact that they will be required to certify in their bids that all software is either covered by a valid license or was produced by the Bidder and
 - (ii) that violations are considered fraud, which is, among other remedies, punishable by potential blacklisting from participation if future NCC financed procurement.

Nigerian Communications Commission
Attn: Emergency Communication Unit
Plot 423 Aguiyi Ironsi Street, Maitama, Abuja
Federal capital Territory, Nigeria
Tel: 09-4617000, 09-4617081, 09-4617083, Fax: 09-2344593
+234-8029018997, +234-8036114199
Email: ecu@ncc.gov.ng
<http://www.ncc.gov.ng>

1.

INTRODUCTION

The Nigerian Communications Commission wishes to facilitate the deployment of a comprehensive, seamless, ubiquitous and reliable end-to-end emergency communications infrastructure for Nigeria. In furtherance of this mandate, the Commission plans to undertake the purchase and installation of modern and robust emergency communications equipment for the implementation of the project which consists of;

- 1.1 Establishment of the National Emergency Communication Centre (NECC) which is the main hub of the national emergency communication network. This will host relevant databases of all other centres in the Country, with provision for Redundancy.
- 1.2 Establishment of State Emergency Communication Centre (SECC) in thirty-six (36) State Capitals and Federal Capital Territory(FCT) Abuja. Each of the centres at this level will have databases of information relevant to their areas of jurisdiction only.

2.

OBJECTIVES

The purpose of the Emergency Communication Centres (ECC) is to receive all emergency calls ('199' calls) being made by subscribers on all national telecommunication networks. The call is to be received by a human operator (Call Agent) in the centre who will then alert the appropriate Response Agency (Fire Service, Police, Ambulance, etc) via the same public telephone system or a communication network dedicated for emergency services.

In order to reduce the response time (for alerting the Centre and Response Agency), most of the processes will have to be automated and these include;

- (a) the telephone number of the '199' caller (person in distress) should be transmitted along with the call and automatically displayed on the Call Agent's monitor (workstation)

- (b) The geographical co-ordinates (longitude and latitude) of the cell site from which the mobile or fixed wireless subscriber is calling or the address of a land-line subscriber should be extracted by the telecom operator and transmitted along with the call.
- (c) The interface equipment at the ECC (tandem switch) should be able to capture the information transmitted in (a) and (b) above. This information can now be used as a key to access the database of all response agencies in its area of jurisdiction. Thereafter, the telephone numbers and location addresses of three (3) each of the Response Agencies (Police, Ambulance, Fire Service) nearest to the caller is retrieved automatically and on the workstation before the Call Agent. Based on the nature of complaint, he/she can within 30 seconds alert the appropriate Response Agency to come to the help of the Caller.

NOTE: NCC will compile and provide a database of the geographical co-ordinates and telephone numbers of all Fire Stations, Police Stations and Ambulances in all 36 States of the federation and FCT.

3. DETAILED FUNCTIONAL DESCRIPTION

- I. A subscriber in an emergency situation dials or sends a text message to '199'.
- II. The telephone network, i.e. cell site, BSC or switch, gives the call "highest priority" and immediately assigns network resources to it, even if it means dropping an on-going call. This function is performed by the operator's network
- III. The switch or MSC routes the call to the nearest emergency communication centre interconnected to it and transfers the following information to it;
 - a. the telephone number of the caller
 - b. the geographical co-ordinates or network identity of the cell site from which the call is originated

- c. The geographical co-ordinates of the location of the caller if the handset (or CPE) is GPS-enabled.
- d. The geographical location of the caller or cell site including city or village as well as the LGA and state in which the city or village is located.

(NCC will provide the geographical co-ordinates and cities in which all emergency communication centers are located).

4. EMERGENCY COMMUNICATION CENTRE

The emergency communication centre will have a tandem switch/router and associated subsystems that will enable it perform the following functions:

- a. Have E1 links or trunk circuits to enable it interconnect with one or more public switch (es)/MSC.
- b. Provide telephony functions to enable it provide basic telephone service to the centre i.e. ability to dial from internal extension to the public telephony systems.
- c. Have the hardware and software capability to enable it capture and decipher all call data transferred to it by public switches such as geographical coordinates of cell sites, GPS coordinates of caller or geographical location of caller (city, state and local government). There are both GSM-based and CDMA telephone systems in Nigeria, besides the fixed land-lines.

The translation or mapping of cell site coordinates/identity to the geographical address of cell site (city, LGA, state) will be done by the public switch.

- d. Have the capability to display all these information in (c) above on a computer screen or monitor attached to the particular extension or Call Agent receiving the call.
- e. Call distribution – routes incoming calls to any idle Call Agent or keeps them on queue until a Call Agent is free. It should also be capable of routing the incoming call to an IVR while waiting for a Call Agent to be free.

- f. Database Query – The tandem switch or interface equipment should be capable of querying the database of Response Agencies (in database server) in order to extract the following information simultaneously:
 - I. The telephone number and geographical location of the 3 nearest ambulance services in the order of proximity (or approximate distance)
 - II. The telephone numbers and geographical location of the 3 nearest police stations to the caller
 - III. The telephone number and geographical location of the 3 nearest fire service stations or FRSC office to the caller
- g. Automatic Call-back – The tandem switch/system should enable the Call Agent or receptionist to call back the calling subscriber, without having to redial the number of the caller, by simply pressing a button or key.
- h. The tandem switch allows the Call Agent to dial the telephone numbers of the response agencies via the public telephone network.
- i. The tandem switch enables the caller, Call Agent and Response Agency to maintain a 3-party conference call until the situation is brought under control.
- j. The proposed network equipment should be such that will interoperate seamlessly with an independent trunked radio system. Bids must indicate whether or not the switches proposed for interconnectivity can interoperate with two-way and trunked radio systems.
- k. Audit Trail – the network server in each centre shall have activity logging capabilities to keep retrievable records of
 - a). incoming calls
 - b). outgoing calls
 - c). which workstation in the centre responded to which call.
 - d). agency contacted
 - e). any other information critical to efficient emergency response operations and management

5. INSTRUCTIONS TO BIDDERS

5.1 Language Support

All equipment must provide operational and diagnostic instructions/documentations in English Language.

5.2 Power Rating

All active powered equipment must operate on voltage and frequency range applicable to Nigeria – i.e. 220-240v, 50Hz

5.3 Environmental

All equipment must be tropicalised and able to operate in environments of 20-40 degrees centigrade, 20-80 percent relative humidity and 0-40 grams per cubic meter of dust.

5.4 Safety

Unless otherwise specified, all equipment must operate at noise levels not greater than 55 decibels. All equipment that emits electromagnetic energy must be certified as meeting US FCC class B or equivalent, emission standards

5.5 Design & Engineering

The bidder shall be required to submit a basic and detailed Engineering design of the network and the implementation activities necessary for successful installation of the system

5.6 Equipment Specifications

The bidder must submit detailed specifications of all equipment proposed for the implementation of the project.

5.7 Preliminary Project Plan

The Bidder must prepare a Preliminary Project Plan describing, among other things, the methods and human and material resources that the Bidder proposes to employ in the design, management, coordination, and execution of all its responsibilities, if awarded the Contract, as well as the estimated duration and completion date for each major activity. The Preliminary Project Plan must also address the under listed topics and points:

- Project organization and management plan
- Delivery and Installation Plan
- Training Plan
- Pre-commissioning and operational acceptance testing plan
- Warranty service plan
- Task, time and resource schedule
- Technical support plan

5.8 **Description of Network System Components, Materials, Other goods and services**

The Bidder must provide detailed descriptions of the essential technical, performance, or other relevant characteristics of all key Network Technologies, Materials, other Goods, and Services offered in the bid (e.g., version, release, and model numbers). Without providing sufficient and clear details, Bidders run the risk of their bids being declared non-responsive.

5.9 **Confirmation of Responsibility for Integration and Interoperability of Network Components**

The Bidder must submit a written confirmation that, if awarded the Contract, it shall accept responsibility for successful integration and interoperability of all the proposed Information Technologies included in the System, as further specified in the Bidding Documents.

5.10 **Financial Capability**

The Bidder must demonstrate adequate financial capability to perform the contract in the form specified in *Annex 2*

5.11 **Bid Validity Period**

The bid shall remain valid for 180 days from the closing date stated in the invitation to bid.

5.12 **Bid Security**

The bidder shall furnish a bid security in the sum of \$20, 000 in the form specified in *Annex 3*. Accordingly, the bid security should not be expired

earlier than twenty-eight (28) days after the end of the bid validity period. A bid that does not comply with this shall be rejected as non-responsive.

5.13 Technical Capability

The bidder should be lawfully engaged in relevant networking activities for at least 4 years, while during the last 7 years, the bidder should have designed and supported similar systems to at least two (2) customers. The bidder shall furnish verifiable evidence of experience in the form specified in *Annex 4*.

5.14 Manufacturer Authorisation

The bidder is required to attach manufacturer's authorisation for Equipment and Software in the form specified in *Annex 5*. If awarded the contract, all software must be fully licensed to the Commission.

5.15 Advance Payment

If the bid winner is interested in "advance payment", he shall be required to furnish the Commission with Advance Payment Bank Guarantee in the form specified in *Annex 6*.

5.16 Performance Bond

The winner of the bid shall furnish NCC with performance bond in the form specified in *Annex 7*. The amount of the performance bond shall be 20% of the agreed contract price.

5.17 Bid Evaluation

The technical proposals will be evaluated according to the following criteria:

- a) Adequacy of the proposed work plan: 10 points
- b) Adequacy of proposed technical solution in responding to the ToRs: 25 points;
- c) Specific experience of the company 35
- d) Specific experience of the company in the telecommunications sector in Africa: 10 points
- e) Qualifications and competence of the key staff for the Assignment: 20 points;

The evaluation of qualifications and competence of the key staff will be done according to the following sub-criteria:

- a) General qualifications: 5 points
- b) Adequacy for the project: 10 points
- c) Experience in African region: 5 points

The minimum Technical score required to pass the evaluation is 75%.

Only bidders whose Technical proposals scale through the evaluation stage will be invited for the opening of their financial proposal. Bidders whose Technical proposal could not scale through evaluation shall have their financial proposals mailed back by courier un-opened.

The formula for determining the financial scores is the following:

$$Sf = 100 \times Fm/F$$

In which Sf is the financial scores, Fm the price of the lowest proposal and F the price of the proposal under consideration. The weights given to the technical and financial proposals at T = 0.8 and P=0.2.

NOTE: The Commission shall not be responsible for the cost of packaging any Bid Proposal.

5.18 Post Qualification

NCC will determine at its own cost and to its satisfaction whether the bidder that is selected as having submitted the Lowest Evaluated Bid is qualified to perform the contract satisfactorily, in accordance with the Terms of reference. In the course of post qualification exercise, NCC will confirm the authenticity of claims in the proposal and that no material changes have occurred after the submission of proposal that can negatively affect the ability of the Bidder that has submitted the lowest evaluated bid to perform the contract.

5.19 Right to vary Quantities at the time of Award

NCC reserves the right at the time of contract award to increase or to vary the number of locations and items required in each or any location without changes in prices or other terms and conditions.

5.20 Right to Accept any Bid and to Reject any or all Bids

NCC reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to bidders.

5.21 Award Criteria

NCC will award the contract to the bidder whose bid has been determined to be substantially responsive and the lowest evaluated bid provided further that the Bidder has been determined to be qualified to perform the contract satisfactorily after post qualification exercise

5.22 Notification

Prior to the expiration of the period of bid validity, NCC will notify the successful Bidder in writing by registered letter or by electronic means to be subsequently confirmed in writing by registered letter, that its bid has been accepted. The notification of award will constitute the formation of the contract. Upon the successful Bidder's furnishing of the signed Contract Agreement and the performance security, NCC will notify each unsuccessful bidder and will discharge bid security of all bidders.

5.23 Signing of Contract

At the same time as the NCC notifies the successful Bidder that its bid has been accepted, NCC will send the Bidder the Contract Agreement, incorporating all agreements between the parties during negotiations.

As soon as practically possible, but no more than two weeks following receipt of the Contract Agreement, the successful Bidder shall sign and date the Contract Agreement and return it to NCC for execution.

5.24 Performance Security

As soon as practically possible, but no more than twenty-eight (28) days following receipt of notification of award from NCC, the successful Bidder shall furnish the performance security, using the Performance Security Bank Guarantee form provided in Annex 7 of the Bidding Documents

Failure of the successful Bidder to comply with the requirements of section 5.24 above shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated bid submitted by a qualified Bidder or call for new bids

6. INVITATION TO BID

Reputable companies with track record of successful implementation of similar jobs are required for the supply and installation of the National Emergency Communication Infrastructure as articulated above.

Bidders are required to submit bid proposals in two volumes – Technical and Financial proposals – with the following details;

- 6.1 Duly signed bid form in the form specified in *Annex 1*
- 6.2 Network Design and Technical details (clearly indicating the Interconnectivity solutions between call centres and NECC)
- 6.3 Price Schedule in the form specified in *Annex 8*
- 6.4 Implementation Schedule
- 6.5 Factory and Site training Schedule
- 6.6 Proposed Sub-contractors (if any) in the form specified in *Annex 9*
- 6.7 Company Profile including Certificate of Incorporation

7. SUBMISSION, RECEIPT AND OPENING OF PROPOSALS

- 7.1 Proposals marked “**Proposal for Supply and Installation of Emergency Communication infrastructure**”, shall be submitted, in FIVE COPIES, to;

**THE EXECUTIVE VICE CHAIRMAN,
NIGERIAN COMMUNICATIONS COMMISSION,
Plot 423, AGUIYI IRONSI STREET,
MAITAMA, ABUJA.**

Not later than 3:00pm on January 28, 2008

- 7.2 An authorized representative of the firm/company shall initial all pages of the proposal. The representative's authorization is confirmed by a written power of attorney accompanying the proposal.
- 7.3 Each copy of the Technical and Financial proposals shall be marked "**Original**" or "**Copy**" as appropriate. If there are any discrepancies between the original and the copies of the proposal, the original governs.
- 7.4 The original and all copies of the Technical Proposal shall be placed in a sealed envelope clearly marked "**Technical Proposal,**" and the original and all copies of the Financial Proposal in a separate sealed envelope clearly marked "**FINANCIAL PROPOSAL**" and warning: "**DO NOT OPEN WITH THE TECHNICAL PROPOSAL.**" Both envelopes shall be placed into an outer envelope and sealed. This outer envelope shall bear the submission address and other information indicated in the Bid Document and is clearly marked, "**DO NOT OPEN, EXCEPT IN PRESENCE OF THE EVALUATION COMMITTEE.**" Financial quotes must be itemized and cost of each module indicated.
- 7.5 The completed Technical and Financial Proposals must be delivered at the submission address above, on or before **3:00pm on January 28, 2008**. Any proposal received after the closing time for submission of proposals shall be returned unopened.
- 7.6 After the deadline for submission of proposals, the Technical Proposal shall be opened immediately by the evaluation committee. The Financial Proposal shall remain sealed and deposited with a respectable independent authority from evaluation Committee; until all submitted Technical proposals are evaluated. Bidders who score 75% and above in the technical evaluation shall have their financial proposals publicly opened in the presence of their representatives who wish to attend.

For further Information/clarifications contact
09-4617081, 09-4617083, Fax: 09-2344593
+234-8029018997, +234-8036114199
Email: ecu@ncc.gov.ng
<http://www.ncc.gov.ng>

SAMPLE FORMS

Attached forms are samples meant to guide bidders on preferred format of packaging bid response. Entries in the tables are just for illustration purposes.

Bid Table of Contents and Checklist

Note: Bidders should expand and (if appropriate) modify and complete the following table. The purpose of the table is to provide the Bidder with a summary checklist of items that must be included in the bid in order for the bid to be considered for Contract award. The table also provides a summary page reference scheme to ease and speed the Purchaser’s bid evaluation process.

Item	page no.
Bid Form	
Price Schedules	
Bid Security.....	
Signature Authorization (for Joint Ventures additionally including the authorizations listed).....	
Attachment 1	
Attachment 2	
Manufacturer’s Authorizations	
Attachment 3	
Attachment 4	
Attachment 5	
Attachment 6	
.....	

ANNEX 1

BID FORM

Date: [Bidder insert: *date of bid*]
Contract: [Purchaser insert: *name of Contract*]

To: [Purchaser insert: *name and address of Purchaser*]

Dear Sir or Madam:

Having examined the Bidding Documents, the receipt of which is hereby acknowledged, we, the undersigned, offer to supply, install, achieve Operational Acceptance of, and support the Information System under the above-named Contract in full conformity with the said Bidding Documents for the sum of or such other sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules attached herewith and made part of this bid.

We undertake, if our bid is accepted, to commence work on the Information System and to achieve Installation and Operational Acceptance within the respective times stated in the Bidding Documents.

If our bid is accepted, we undertake to provide an advance payment security and a performance security in the form, in the amounts, and within the times that may be specified during negotiation.

We hereby certify that the Software offered in this bid and to be supplied under the Contract (i) either is owned by us, or (ii) if not owned by us, is covered by a valid license from the proprietor of the Software.

We agree to abide by this bid, which consists of this letter (Bid Form) and the enclosures listed below, for a period of 180 days from the date fixed for submission of bids as stipulated in the Bidding Documents, and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this [insert: *ordinal*] day of [insert: *month*], [insert: *year*].

Signed:

Date:

In the capacity of [insert: *title or position*]

Duly authorized to sign this bid for and on behalf of [*insert: name of Bidder*]

ENCLOSURES:

Price Schedules

Bid Security

Signature Authorization [*plus, in the case of a Joint Venture Bidder, list all other authorizations*]

Attachment 1 Bidder's Qualifications (including Manufacturer's Authorizations)

Attachment 2 Proposed Subcontractors, if any

Attachment 3 Intellectual Property (Software and Materials Lists)

Attachment 4 [*if appropriate, specify further attachments or other enclosures*]

ANNEX 2

FINANCIAL CAPABILITIES

Name of Bidder or partner of a Joint Venture

Bidders, including each partner of a Joint Venture, shall provide financial information to demonstrate that they meet the requirements stated in the Bid Documents. Each Bidder or partner of a Joint Venture shall complete this form. If necessary, separate sheets shall be used to provide complete banker information. A copy of the audited balance sheets shall be attached.

Autonomous subdivisions of parent conglomerate businesses shall submit financial information related only to the particular activities of the subdivision.

Banker	Name of banker		
	Address of banker		
	Telephone	Contact name and title	
	Fax	Telex	

Summarize actual assets and liabilities in U.S. dollar equivalent (at the rates of exchange current at the end of each year) for the previous five calendar years. Based upon known commitments, summarize projected assets and liabilities in U.S. dollar equivalent for the next two calendar years, unless the withholding of such information by stock market listed public companies can be substantiated by the Bidder.

Financial information in US\$ equivalent	Actual: Previous five years					Projected: Next two years	
	5	4	3	2	1	1	2
1. Total assets							
2. Current assets							
3. Total liabilities							
4. Current liabilities							
5. Profits before taxes							
6. Profits after taxes							

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as indicated in the Bid Documents.

Source of financing	Amount (US\$ equivalent)
1.	
2.	
3.	
4.	

Attach audited financial statements—including, as a minimum, profit and loss account, balance sheet, and explanatory notes.

ANNEX 3

BID SECURITY FORM (BID BOND)

BOND NO. _____

BY THIS BOND [*insert: name of Bidder*] as Principal (hereinafter called “the Principal”), and [*insert: name, legal title, and address of surety*], authorized to transact business in [*insert: name of country of Purchaser*], as Surety (hereinafter called “the Surety”), are held and firmly bound unto [*insert name of Purchaser*] as Obligee (hereinafter called “the Purchaser”) in the sum of US\$20,000 [*twenty thousand US dollars*], for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.

WHEREAS the Principal has submitted a written Bid to the Purchaser dated the ____ day of _____, 20__, for the supply of [*insert: name and/or description of goods*] (hereinafter called the “Bid”).

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:

- (1) withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
- (2) refuses to accept the correction of errors in its bid price in accordance with the Instructions to Bidders; or
- (3) having been notified of the acceptance of its Bid by the Purchaser during the period of Bid validity;
 - (a) fails or refuses to execute the Contract Form in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;

then the Surety undertakes to immediately pay to the Purchaser up to the above amount upon receipt of the Purchaser's first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

The Surety hereby agrees that its obligation will remain in full force and affect up to and including the date 28 days after the date of expiration of the Bid validity as stated in the Invitation to Bid. Any demand in respect of this Bond should reach the Surety not later than the above date.

IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this ____ day of _____ 20__.

Principal: _____

Surety:

Corporate Seal (where appropriate)

(Signature)

(Signature)

(Printed name and title)

(Printed name and title)

ANNEX 4

TECHNICAL CAPABILITIES

Name of Bidder

The Bidder shall provide adequate information to demonstrate clearly that it has the technical capability to meet the requirements for the Information System. With this form, the Bidder should summarize important certifications, proprietary methodologies, and/or specialized technologies which the Bidder proposes to utilize in the execution of the Contract or Contracts.

DETAILS OF CONTRACTS OF SIMILAR NATURE AND COMPLEXITY

Name of Bidder or partner of a Joint Venture
--

Use a separate sheet for each contract.

1.	Number of contract	
	Name of contract	
	Country	
2.	Name of Purchaser	
3.	Purchaser address	
4.	Nature of Information Systems and special features relevant to the contract for which the Bidding Documents are issued	
5.	Contract role (check one) <div style="display: flex; justify-content: space-around; font-size: small;"> Prime Supplier Management Contractor Subcontractor Partner in a Joint Venture </div>	
6.	Amount of the total contract/subcontract/partner share (in specified currencies at completion, or at date of award for current contracts) <div style="display: flex; justify-content: space-around; font-size: small;"> Currency Currency Currency </div>	
7.	Equivalent amount US\$ Total contract: \$_____; Subcontract: \$_____; Partner share: \$_____;	
8.	Date of award/completion	
9.	Contract was completed _____ months ahead/behind original schedule (if behind, provide explanation).	
10.	Contract was completed US\$ _____ equivalent under/over original contract amount (if over, provide explanation).	
11.	Special contractual/technical requirements.	
12.	Indicate the approximate percent of total contract value (and US\$ amount) of Information System undertaken by subcontract, if any, and the nature of such Information System.	

ANNEX 5

MANUFACTURER'S AUTHORIZATION FORM

Date:

To: _____

WHEREAS _____ who are official producers of _____ and having production facilities at _____ do hereby authorize

_____ located at _____ (hereinafter, the "Bidder") to submit a bid and subsequently negotiate and sign a Contract with you for resale of the following Products produced by us, for the quantities, specifications and delivery schedule called for by the Supply Requirements associated with the above Invitation for Bids:

We hereby extend to you a full guarantee and warranty with our own standard product warranty, and duly authorize the Bidder to act on our behalf in fulfilling all warranty obligations with respect to the above-listed products offered for resale by the Bidder in relation to this Invitation for Bids.

We also certify that the Bidder is qualified by us to provide the following maintenance, technical or help desk support, new version upgrade and/or other services related to the above-listed Products.

Name _____ In the capacity of _____

Signed _____

Duly authorized to sign the authorization for and on behalf of :

Dated on _____ day of _____,

Note: This letter of authority must be on the letterhead of the Producer, must be signed by a person competent and having the power of attorney to bind the Producer, and must be included by the Bidder in its bid as specified in the Instructions to Bidders

ANNEX 6

ADVANCE PAYMENT BANK GUARANTEE

Date: [*insert: date*]

Contract:[*insert: name and number of Contract*]

To: [*insert: name and address of Purchaser*]

Dear Sir or Madam:

We refer to the Contract Agreement (“the Contract”) signed on [*insert: date*] between you and [*insert: name of Supplier*] (“the Supplier”) concerning design, supply, installation, and achieving Operational Acceptance of [*insert: a brief description of the Information System*].

Whereas, in accordance with the terms of the said Contract, the Purchaser has agreed to pay or cause to be paid to the Supplier an Advance Payment in the amount of [*insert: amount in numbers and words, for each currency of the Advance Payment*] due to the Supplier.

By this letter we, the undersigned, [*insert: name of Bank*], a bank (or company) organized under the laws of [*insert: country of Bank*] and having its registered/principal office at [*insert: address of Bank*], (hereinafter, “the Bank”) do hereby jointly and severally with the Supplier irrevocably guarantee repayment of the said amounts upon the first demand of the Purchaser without cavil or argument in the event that the Supplier fails to commence or fulfill its obligations under the terms of the said Contract, and in the event of such failure, refuses to repay all or part (as the case may be) of the said Advance Payment to the Purchaser. Provided, always, that the Bank’s obligation shall be limited to an amount equal to the outstanding balance of the Advance Payment.

This Guarantee shall remain in full force from the date upon which the said Advance Payment is received by the Supplier until the date upon which the Supplier has fully repaid the amount so advanced to the Purchaser in accordance with the terms of the Contract. At the time at which the outstanding amount is nil, this Guarantee shall become null and void, whether the original is returned to us or not. Any claims to be made under this Guarantee must be received by the Bank during its period of validity.

For and on behalf of the Bank

Signed:

Date:

in the capacity of: [*insert: title or other appropriate designation*]

Common Seal of the Bank

ANNEX 7

PERFORMANCE SECURITY BANK GUARANTEE

(Unconditional)

Date: [insert: *date*]
Contract:[insert: *name or number of Contract*]

To: [insert: name and address of Purchaser]
Dear Sir or Madam:

We refer to the Contract Agreement (“the Contract”) signed on [insert: *date*] between you and [insert: *name of Supplier*] (“the Supplier”) concerning design, supply, installation, and achieving Operational Acceptance of [insert: *a brief description of the Information System*]. By this letter we, the undersigned, [insert: *name of Bank*], a bank (or company) organized under the laws of [insert: *country of Bank*] and having its registered/principal office at [insert: *address of Bank*], (hereinafter, “the Bank”) do hereby jointly and severally with the Supplier irrevocably guarantee payment owed to you by the Supplier, pursuant to the Contract, up to the sum of [insert: *amount in numbers and words*].

We undertake to make payment under this Letter of Guarantee upon receipt by us of your first written demand signed by your duly authorized officer declaring the Supplier to be in default under the Contract and without cavil or argument any sum or sums within the above-named limits, without your need to prove or show grounds or reasons for your demand and without the right of the Supplier to dispute or question such demand. Our liability under this Letter of Guarantee shall be to pay to you whichever is the lesser of the sum so requested or the amount then guaranteed under this Letter in respect of any demand duly made under this Letter prior to expiry of this Letter of Guarantee, without being entitled to inquire whether or not this payment is lawfully demanded.

This Letter of Guarantee shall be valid from the date of issue until the date of expiration of the guarantee, as governed by the Contract. Except for the documents herein specified, no other documents or other action shall be required, notwithstanding any applicable law or regulation. Our liability under this Letter of Guarantee shall become null and void immediately upon its expiry, whether it is returned or not, and no claim may be made under this Letter after such expiry or after the aggregate of the sums paid by us to you shall equal the sums guaranteed under this Letter, whichever is the earlier. All notices to be given under this Letter shall be given by registered (airmail) post to the addressee at the address herein set out or as otherwise advised by and between the parties hereto.

We hereby agree that any part of the Contract may be amended, renewed, extended, modified, compromised, released, or discharged by mutual agreement between you and the Supplier, and this security may be exchanged or surrendered without in any way impairing or affecting our liabilities hereunder without notice to us and without the necessity for any additional endorsement, consent, or guarantee by us, provided, however, that the sum guaranteed shall not be increased or decreased.

No action, event, or condition that by any applicable law should operate to discharge us from liability hereunder shall have any effect and we hereby waive any right we may have to apply such law, so that in all respects our liability hereunder shall be irrevocable and, except as stated herein, unconditional in all respects.

For and on behalf of the Bank

in the capacity of: [*insert: title or other appropriate designation*]

Common Seal of the Bank

ANNEX 8

PRICE SCHEDULE FORMS

General

1. The Price Schedules are divided into separate Schedules as follows:
 - 2.2 Grand Summary Cost Table
 - 2.3 Supply and Installation Cost Summary Table
 - 2.4 Recurrent Cost Summary Table
- [insert: any other Schedules as appropriate]*

8.1 Grand Summary Cost Table

		<i>[insert: Local Currency]</i> Price	<i>[insert: Foreign Currency]</i> Price
1.	Supply and Installation Costs (from Supply and Installation Cost Summary Table)		
2.	Recurrent Costs (from Recurrent Cost Summary Table)		
3.	Grand Totals (to Bid Form)		

Name of Bidder:		
Authorized Signature of Bidder:		

8.2 Supply and Installation Cost Summary Table

System or Subsystem number: [if a multi-lot procurement, insert: **Subsystem number**; otherwise state “**entire System procurement**”] [as necessary for supply, installation, and achieving Operational Acceptance of the System, specify items in the Table below, modifying, deleting, or expanding the sample line items and sample table entries as needed.]

Name of Bidder:	
Authorized Signature of Bidder:	

			Supply & Installation Prices		
			Locally supplied items	Items supplied from outside the Purchaser’s Country	
Line Item No.	Subsystem / Item	Supply and Installation Cost Sub- Table No.	<i>[insert: Local Currency] Price</i>	<i>[insert: Local Currency] Price</i>	<i>[insert: Foreign Currency] Price</i>
1	Headquarters (NECCC) Subsystem	1			
1.1	Hardware, LAN & general- purpose Software	1			
k.3		“			
:					
m		m			
SUBTOTALS					
TOTAL (To Grand Summary Table)					

8.3

Recurrent Cost Summary Table

System or Subsystem number: [if a multi-lot procurement, insert: *Subsystem number*, otherwise state “*entire System procurement*”] [as necessary for the operation of the System, specify items in the Table below, modifying the sample line items and sample table entries as needed.]

Line Item No.	Subsystem / Item	Recurrent Cost Sub-Table No.	[insert: <i>Local Currency</i>] Price	[insert: <i>Foreign Currency</i>] Price
z	Recurrent Cost Items			
z.1	Headquarters Recurrent Cost Items	n.1		
z.2	Call Centre Recurrent Cost Items	n.2		
	Subtotals (to Grand Summary Table)			
Name of Bidder:				
Authorized Signature of Bidder:				

8.4

Detailed Price List

Description of Network Item	Quantity Required	Unit Cost	Total Cost

The Price details for the different configurations – NECC, SECC, – should be given separately.

8.5 Recurrent Cost Sub-Table

Currency: [specify: **the currency of the Recurrent Costs in which the costs expressed in this Sub-Table are expressed**]

Unit prices for the same item appearing several times in the table must be identical in amount and currency.

		Maximum all-inclusive costs (for costs in [insert: currency])						
		Warranty Period			Post-Warranty Service Period			
Component No.	Component	Y1	Y2	Y3	Y4	...	Yn	Sub-total for [insert: currency]
1.	Hardware Maintenance (Post-Warranty Period)	--	--	--				
2.	Software Licenses & Updates	--						
2.1	System and General-Purpose Software	--						
2.2	Application, Standard and Custom Software	--						
3.	Technical Services							
3.1	Sr. Systems Analyst							
3.3	Sr. Network Specialist, etc.							
4.	Telecommunications costs [to be detailed]							
5.	[Identify other recurrent costs as may apply]							
	Annual Subtotals:							--
Cumulative Subtotal (to [insert: currency] entry for [insert: line item] in the Recurrent Cost Summary Table)								

Note: entries in table above are arbitrary. Bidders should fill in appropriate components, warranty and post-warranty service period.

Name of Bidder:		
Authorized Signature of Bidder:		

ANNEX 9

List of Proposed Subcontractors

	Item	Proposed Subcontractor	Place of Registration & Qualifications